

# DEPARTMENT OF AGRICULTURE

## Conservation Services Division

### 8 CCR 1206-2

#### RULES PERTAINING TO THE ADMINISTRATION AND ENFORCEMENT OF THE COLORADO NOXIOUS WEED ACT

##### Part 1 Definitions

- 1.1. "Act" means the Colorado Noxious Weed Act, §§ 35-5.5-101 through 119, C.R.S. (2003).
- 1.2. "Compliance waiver" means a written exemption granted to a local governing body or landowner by the Commissioner that releases the local governing body and/or landowner from certain management obligations for a specific population of a List A or List B species.
- 1.3. "Elimination" means the removal or destruction of all emerged, growing plants of a population of List A or List B species designated for eradication by the Commissioner. It is the first step in achieving eradication and is succeeded by efforts to detect and destroy newly emerged plants arising from seed, reproductive propagule, or remaining root stock for the duration of the seed longevity for the particular species.
- 1.4. "Infested acreage" means an area of land containing a noxious weed species, defined by the actual perimeter of the infestation as delineated by the canopy cover of the plants and excluding areas not infested.
- 1.5. "Population" means a group of designated noxious weeds of the same species occupying a particular geographic region and capable of interbreeding.
- 1.6. "Ordinary High Water mark" means that line on the shore of any river or perennial or intermittent stream established by the fluctuations of water and indicated by physical characteristics such as clear, natural line impressed on the bank, shelving, changes in the character of soil, destruction of terrestrial vegetation, the presence of litter and debris, or other appropriate means that consider the characteristics of the surrounding areas.
- 1.7. "Public open space" means publicly-owned land that is managed for its natural or agricultural value.

##### Part 2 General Provisions

- 2.1. At any time, affected persons may suggest and the Commissioner may approve additional prescribed integrated management techniques not specified in these rules for the eradication, containment, or suppression of designated state noxious weeds. Such approval may be site-specific or broadly applicable. The Commissioner will publish a list on the Colorado Department of Agriculture website (<http://www.ag.state.co.us/csd/weeds/Weedhome.html>) of the herbicides,

cultural techniques, and mechanical techniques approved for use under the specific state noxious weed management plans for List A and List B species.

- 2.2. As a condition for granting a compliance waiver releasing a local governing body and/or landowner from certain management obligations, the Commissioner may require the local governing body and/or landowner to implement other specified management actions with respect to a specific population.
- 2.3. No recommendations or requirements in these rules concerning the use of herbicides are intended to contradict or supersede any other federal, state or local law regulating herbicide use. All use of herbicides to achieve any management objectives specified in these rules must comply with all applicable federal, state and local legal requirements, including but not limited to compliance with all directions for use, cautionary statements and any other requirements in the labeling of the particular herbicide product.

### **Part 3 List A Noxious Weed Species**

- 3.1. List A of the Colorado noxious weed list comprises the following noxious weed species:

African rue (*Peganum harmala*) [Rule 3.6.1.]

Camelthorn (*Alhagi maurorum*) [Rule 3.6.2.]

Common crupina (*Crupina vulgaris*) [Rule 3.6.3.]

Cypress spurge (*Euphorbia cyparissias*) [Rule 3.6.4.]

Dyer's woad (*Isatis tinctoria*) [Rule 3.6.5.]

Elongated mustard (*Brassica elongata*) [Rule 3.6.18.]

Giant reed (*Arundo donax*) [Rule 3.6.19.]

Giant salvinia (*Salvinia molesta*) [Rule 3.6.6.]

Hairy willow-herb (*Epilobium hirsutum*) [Rule 3.6.23]

Hydrilla (*Hydrilla verticillata*) [Rule 3.6.7.]

Japanese knotweed (*Polygonum cuspidatum*) [Rule 3.6.20.]

Giant knotweed (*Polygonum sachalinense*) [Rule 3.6.21.]

Bohemian knotweed (*Polygonum x bohemicum*) [Rule 3.6.22.]

Meadow knapweed (*Centaurea nigrescens*) [Rule 3.6.8.]

Mediterranean sage (*Salvia aethiopsis*) [Rule 3.6.9.]

Medusahead (*Taeniatherum caput-medusae*) [Rule 3.6.10.]

Myrtle spurge (*Euphorbia myrsinites*) [Rule 3.6.11.]

Orange hawkweed (*Hieracium aurantiacum*) [Rule 3.6.12.]

Purple loosestrife (*Lythrum salicaria*) [Rule 3.6.13.]

Rush skeletonweed (*Chondrilla juncea*) [Rule 3.6.14.]

Squarrose knapweed (*Centaurea virgata*) [Rule 3.6.15.]

Tansy ragwort (*Senecio jacobaea*) [Rule 3.6.16.]

Yellow starthistle (*Centaurea solstitialis*) [Rule 3.6.17.]

- 3.2. All populations of List A species in Colorado are designated by the Commissioner for eradication.
- 3.3. It is a violation of these rules to allow any plant of any population of any List A species to produce seed or develop other reproductive propagules.
- 3.4. Prescribed management techniques must be applied to every population of List A noxious weeds present in Colorado to achieve the following objectives:
  - A. The plants of every population of List A species must be eliminated prior to seed development.
  - B. Once all mature plants are eliminated, appropriate efforts must be made to detect and eliminate new plants arising from seed, reproductive propagule, or root stock for the duration of the seed longevity for the particular species.
  - C. In order to ensure that seeds or other reproductive propagules are not produced or spread, any plant with flowers, seeds, or other reproductive propagules must be placed in sealed plastic bags and disposed of by:
    1. high intensity burning in a controlled environment that completely destroys seed viability;
    2. removal of plant materials to a solid waste landfill which covers refuse daily with six inches of soil or alternative material; or
    3. any other method approved by the Commissioner.
- 3.5. Within one year of detection, any local governing body with a population of any List A species must provide to the State Weed Coordinator mapping data pertinent to each population including:

- A. Species name
- B. Population location(s) including distribution and abundance
- C. Estimated infested acreage

3.6. State Noxious Weed Management Plans for List A Noxious Weed Species

3.6.1. African rue (*Peganum harmala*). In addition to the requirements set forth in this Part 3 for the management of all List A species, the following conditions also apply for African rue:

- A. The prescribed integrated management techniques are limited to the use of herbicides approved by the Commissioner and digging, or other mechanical techniques approved by the Commissioner.
- B. Prescribed integrated management techniques do not include the use of any biocontrol agents, herbicides, cultural techniques or mechanical techniques other than those approved by the Commissioner.
- C. Seed longevity is unknown.

3.6.2. Camelthorn (*Alhagi maurorum*). In addition to the requirements set forth in this Part 3 for the management of all List A species, the following conditions also apply for camelthorn:

- A. The prescribed integrated management techniques are limited to the use of herbicides approved by the Commissioner and digging, or other mechanical techniques approved by the Commissioner.
- B. Prescribed integrated management techniques do not include the use of any biocontrol agents, herbicides, cultural techniques or mechanical techniques other than those approved by the Commissioner.
- C. Seed longevity is at least several years.

3.6.3. Common crupina (*Crupina vulgaris*). In addition to the requirements set forth in this Part 3 for the management of all List A species, the following conditions also apply for common crupina:

- A. The prescribed integrated management techniques are limited to the use of herbicides approved by the Commissioner and hand-pulling, digging, or other mechanical techniques approved by the Commissioner.
- B. Prescribed integrated management techniques do not include the use of any biocontrol agents, herbicides, cultural techniques or mechanical techniques other than those approved by the Commissioner.
- C. Seed longevity is three years.

- 3.6.4. Cypress spurge (*Euphorbia cyparissias*). In addition to the requirements set forth in this Part 3 for the management of all List A species, the following conditions also apply for cypress spurge:
- A. The prescribed integrated management techniques are limited to the use of herbicides approved by the Commissioner and hand-pulling, digging, or other mechanical techniques approved by the Commissioner.
  - B. Prescribed integrated management techniques do not include the use of any biocontrol agents, herbicides, cultural techniques or mechanical techniques other than those approved by the Commissioner.
  - C. Seed longevity is estimated to be eight years.
- 3.6.5. Dyer's woad (*Isatis tinctoria*). In addition to the requirements set forth in this Part 3 for the management of all List A species, the following conditions also apply for dyer's woad:
- A. The prescribed integrated management techniques are limited to the use of herbicides approved by the Commissioner and hand-pulling, digging, or other mechanical techniques approved by the Commissioner.
  - B. Prescribed integrated management techniques do not include the use of any biocontrol agents, herbicides, cultural techniques or mechanical techniques other than those approved by the Commissioner.
  - C. Seed longevity is at least eight years.
- 3.6.6. Giant salvinia (*Salvinia molesta*). In addition to the requirements set forth in this Part 3 for the management of all List A species, the following conditions also apply for giant salvinia:
- A. The prescribed integrated management techniques are limited to the use of herbicides approved by the Commissioner, water drawdown (controlled water drainage), and hand-removal, or other mechanical techniques approved by the Commissioner.
  - B. Prescribed integrated management techniques do not include the use of any biocontrol agents, herbicides, cultural techniques or mechanical techniques other than those approved by the Commissioner.
  - C. Any efforts to physically remove plants must prevent fragmentation as stem fragments are considered plant propagules.
  - D. Spore longevity is negligible.
- 3.6.7. Hydrilla (*Hydrilla verticillata*). In addition to the requirements set forth in this Part 3 for the management of all List A species, the following conditions also apply for hydrilla:

- A. The prescribed integrated management techniques are limited to the use of herbicides approved by the Commissioner, water drawdown (controlled water drainage), and hand-removal, or other mechanical techniques approved by the Commissioner.
  - B. Prescribed integrated management techniques do not include the use of any biocontrol agents, herbicides, cultural techniques or mechanical techniques other than those approved by the Commissioner.
  - C. Any efforts to physically remove plants must prevent fragmentation as stem fragments are considered reproductive propagules.
  - D. Seed longevity is unknown.
- 3.6.8. Meadow knapweed (*Centaurea nigrescens*). In addition to the requirements set forth in this Part 3 for the management of all List A species, the following conditions also apply for meadow knapweed:
- A. The prescribed integrated management techniques are limited to the use of herbicides approved by the Commissioner and hand-pulling, digging, or other mechanical techniques approved by the Commissioner.
  - B. Prescribed integrated management techniques do not include the use of any biocontrol agents, herbicides, cultural techniques or mechanical techniques other than those approved by the Commissioner.
  - C. Seed longevity is estimated to be at least seven years.
- 3.6.9. Mediterranean sage (*Salvia aethiopsis*). In addition to the requirements set forth in this Part 3 for the management of all List A species, the following conditions also apply for Mediterranean sage:
- A. The prescribed integrated management techniques are limited to the use of herbicides approved by the Commissioner and digging, or other mechanical techniques approved by the Commissioner.
  - B. Prescribed integrated management techniques do not include the use of any biocontrol agents, herbicides, cultural techniques or mechanical techniques other than those approved by the Commissioner.
  - C. Seed longevity is unknown.
- 3.6.10. Medusahead (*Taeniatherum caput-medusae*). In addition to the requirements set forth in this Part 3 for the management of all List A species, the following conditions also apply for medusahead:
- A. The prescribed integrated management techniques are limited to the use of herbicides approved by the Commissioner, prescribed fire in conjunction with

herbicide application, and hand-pulling, digging, or other mechanical techniques approved by the Commissioner.

- B. Prescribed integrated management techniques do not include the use of any biocontrol agents, herbicides, cultural techniques or mechanical techniques other than those approved by the Commissioner.
- C. Seed longevity is at least two years.

3.6.11. Myrtle spurge (*Euphorbia myrsinites*). In addition to the requirements set forth in this Part 3 for the management of all List A species, the following conditions also apply for myrtle spurge:

- A. The prescribed integrated management techniques are limited to the use of herbicides approved by the Commissioner and hand-pulling, digging, or other mechanical techniques approved by the Commissioner.
- B. Prescribed integrated management techniques do not include the use of any biocontrol agents, herbicides, cultural techniques or mechanical techniques other than those approved by the Commissioner.
- C. Seed longevity is estimated to be eight years.

3.6.12. Orange hawkweed (*Hieracium aurantiacum*). In addition to the requirements set forth in this Part 3 for the management of all List A species, the following conditions also apply for orange hawkweed:

- A. The prescribed integrated management techniques are limited to the use of herbicides approved by the Commissioner.
- B. Prescribed integrated management techniques do not include the use of any biocontrol agents, herbicides, cultural techniques or mechanical techniques other than those approved by the Commissioner.
- C. Seed longevity is estimated to be eight years.

3.6.13. Purple loosestrife (*Lythrum salicaria*). In addition to the requirements set forth in this Part 3 for the management of all List A species, the following conditions also apply for purple loosestrife:

- A. The prescribed integrated management techniques are limited to the use of herbicides approved by the Commissioner and hand-pulling, digging, or other mechanical techniques approved by the Commissioner.
- B. Prescribed integrated management techniques do not include the use of any biocontrol agents, herbicides, cultural techniques or mechanical techniques other than those approved by the Commissioner.

- C. Any efforts to physically remove plants must prevent fragmentation as stem fragments are considered plant propagules.
  - D. Seed longevity is unknown but at least ten years.
- 3.6.14. Rush skeletonweed (*Chondrilla juncea*). In addition to the requirements set forth in this Part 3 for the management of all List A species, the following conditions also apply for rush skeletonweed:
- A. The prescribed integrated management techniques are limited to the use of herbicides approved by the Commissioner and hand-pulling, digging, or other mechanical techniques approved by the Commissioner.
  - B. Prescribed integrated management techniques do not include the use of any biocontrol agents, herbicides, cultural techniques or mechanical techniques other than those approved by the Commissioner.
  - C. Seed longevity is at least three years.
- 3.6.15. Squarrose knapweed (*Centaurea virgata*). In addition to the requirements set forth in this Part 3 for the management of all List A species, the following conditions also apply for squarrose knapweed:
- A. The prescribed integrated management techniques are limited to the use of herbicides approved by the Commissioner, prescribed fire in conjunction with herbicide application, and hand-pulling, digging, or other mechanical techniques approved by the Commissioner.
  - B. Prescribed integrated management techniques do not include the use of any biocontrol agents, herbicides, cultural techniques or mechanical techniques other than those approved by the Commissioner.
  - C. Seed longevity is at least three years.
- 3.6.16. Tansy ragwort (*Senecio jacobaea*). In addition to the requirements set forth in this Part 3 for the management of all List A species, the following conditions also apply for tansy ragwort:
- A. The prescribed integrated management techniques are limited to the use of herbicides approved by the Commissioner and hand-pulling, digging, or other mechanical techniques approved by the Commissioner.
  - B. Prescribed integrated management techniques do not include the use of any biocontrol agents, herbicides, cultural techniques or mechanical techniques other than those approved by the Commissioner.
  - C. Seed longevity is at least sixteen years.



- 3.6.17. Yellow starthistle (*Centaurea solstitialis*). In addition to the requirements set forth in this Part 3 for the management of all List A species, the following conditions also apply for yellow starthistle:
- A. The prescribed integrated management techniques are limited to the use of herbicides approved by the Commissioner, prescribed fire in conjunction with herbicide application, and hand-pulling, digging, or other mechanical techniques approved by the Commissioner.
  - B. Prescribed integrated management techniques do not include the use of any biocontrol agents, herbicides, cultural techniques or mechanical techniques other than those approved by the Commissioner.
  - C. Seed longevity is at least ten years.
- 3.6.18. Elongated mustard (*Brassica elongata*). In addition to the requirements set forth in this Part 3 for the management of all List A species, the following conditions also apply for elongated mustard:
- A. The prescribed integrated management techniques are limited to the use of herbicides approved by the Commissioner, and hand-pulling, digging, or other mechanical techniques approved by the Commissioner.
  - B. Prescribed integrated management techniques do not include the use of any biocontrol agents, herbicides, cultural techniques or mechanical techniques other than those approved by the Commissioner.
  - C. Seed longevity is unknown. Infested sites must be monitored for at least 10 years after the populations have been eliminated and treatments must be repeated when necessary to prevent flowering and development of seed.
- 3.6.19. Giant reed (*Arundo donax*). In addition to the requirements set forth in this Part 3 for the management of all List A species, the following conditions also apply for giant reed:
- A. The prescribed integrated management techniques are limited to the use of herbicides approved by the Commissioner, and hand-pulling, digging, or other mechanical techniques approved by the Commissioner.
  - B. Prescribed integrated management techniques do not include the use of any biocontrol agents, herbicides, cultural techniques or mechanical techniques other than those approved by the Commissioner.
  - C. Any efforts to physically remove plants must prevent fragmentation as stem fragments are considered plant propagules.
  - D. Seed longevity is unknown. Infested sites must be monitored for at least 10 years after the populations have been eliminated and treatments must be repeated when necessary to prevent flowering and development of seed.

- 3.6.20. Japanese knotweed (*Polygonum cuspidatum*). In addition to the requirements set forth in this Part 3 for the management of all List A species, the following conditions also apply for Japanese knotweed:
- A. The prescribed integrated management techniques are limited to the use of herbicides approved by the Commissioner, and hand-pulling, digging, or other mechanical techniques approved by the Commissioner.
  - B. Prescribed integrated management techniques do not include the use of any biocontrol agents, herbicides, cultural techniques or mechanical techniques other than those approved by the Commissioner.
  - C. Any efforts to physically remove plants must prevent fragmentation as stem fragments are considered plant propagules.
  - D. Seed longevity is unknown. Infested sites must be monitored for at least 10 years after the populations have been eliminated and treatments must be repeated when necessary to prevent flowering and development of seed.
- 3.6.21. Giant knotweed (*Polygonum sachalinense*). In addition to the requirements set forth in this Part 3 for the management of all List A species, the following conditions also apply for Giant knotweed:
- A. The prescribed integrated management techniques are limited to the use of herbicides approved by the Commissioner, and hand-pulling, digging, or other mechanical techniques approved by the Commissioner.
  - B. Prescribed integrated management techniques do not include the use of any biocontrol agents, herbicides, cultural techniques or mechanical techniques other than those approved by the Commissioner.
  - C. Any efforts to physically remove plants must prevent fragmentation as stem fragments are considered plant propagules.
  - D. Seed longevity is unknown. Infested sites must be monitored for at least 10 years after the populations have been eliminated and treatments must be repeated when necessary to prevent flowering and development of seed.
- 3.6.22. Bohemian knotweed (*Polygonum x bohemicum*). In addition to the requirements set forth in this Part 3 for the management of all List A species, the following conditions also apply for Bohemian knotweed:
- A. The prescribed integrated management techniques are limited to the use of herbicides approved by the Commissioner, and hand-pulling, digging, or other mechanical techniques approved by the Commissioner.

- B. Prescribed integrated management techniques do not include the use of any biocontrol agents, herbicides, cultural techniques or mechanical techniques other than those approved by the Commissioner.
  - C. Any efforts to physically remove plants must prevent fragmentation as stem fragments are considered plant propagules.
  - D. Seed longevity is unknown. Infested sites must be monitored for at least 10 years after the populations have been eliminated and treatments must be repeated when necessary to prevent flowering and development of seed.
- 3.6.23. Hairy willow-herb (*Epilobium hirsutum*). In addition to the requirements set forth in this Part 3 for the management of all List A species, the following conditions also apply for hairy willow-herb:
- A. The prescribed integrated management techniques are limited to the use of herbicides approved by the Commissioner, and hand-pulling, digging, or other mechanical techniques approved by the Commissioner.
  - B. Prescribed integrated management techniques do not include the use of any biocontrol agents, herbicides, cultural techniques or mechanical techniques other than those approved by the Commissioner.
  - C. Seed longevity is unknown. Infested sites must be monitored for at least 10 years after the populations have been eliminated and treatments must be repeated when necessary to prevent flowering and development of seed.

**Part 4 List B Noxious Weed Species**

4.1. List B of the Colorado noxious weed list comprises the following noxious weed species:

Absinth wormwood (*Artemisia absinthium*) [Rule 4.7.1.; Figures 1.01-1.03]

Black henbane (*Hyoscyamus niger*) [Rule 4.7.6.; Figures 5.01-5.02]

Bouncingbet (*Saponaria officinalis*) [Rule 4.7.29.; Figures 26.01-26.03]

Bull thistle (*Cirsium vulgare*) [Rule 4.7.19.; Figures 16.01-16.05]

Canada thistle (*Cirsium arvense*) [Rule 4.7.34.; Figures 30.01-30.06]

Chinese clematis (*Clematis orientalis*) [Rule 4.7.2.]

Common tansy (*Tanacetum vulgare*) [Rule 4.7.30.; Figures 27.01-27.03]

Common teasel (*Dipsacus fullonum*) [Rule 4.7.24.; Figures 21.01-21.10]

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Corn chamomile (*Anthemis arvensis*) [Rule 4.7.22.; Figures 19.01-19.05]

Cutleaf teasel (*Dipsacus laciniatus*) [Rule 4.7.25.; Figures 22.01-22.03]

Dalmatian toadflax, broad-leaved (*Linaria dalmatica*) [Rule 4.7.12.; Figures 11.01-11.17]

Dalmatian toadflax, narrow-leaved (*Linaria genistifolia*) [Rule 4.7.12.; Figures 11.01-11.17]

Dame's rocket (*Hesperis matronalis*) [Rule 4.7.26.; Figures 23.01-23.07]

Diffuse knapweed (*Centaurea diffusa*) [Rule 4.7.7.; Figures 6.01-6.15]

Eurasian watermilfoil (*Myriophyllum spicatum*) [Rule 4.7.20.; Figures 17.07-17.02]

Hoary cress (*Cardaria draba*) [Rule 4.7.16.; Figures 13.01-13.19]

Houndstongue (*Cynoglossum officinale*) [Rule 4.7.10.; Figures 9.01-9.13]

Jointed goatgrass (*Aegilops cylindrica*) [Rule 4.7.27.; Figures 24.01-24.12]

Leafy spurge (*Euphorbia esula*) [Rule 4.7.13.; Figures 12.01-12.27]

Mayweed chamomile (*Anthemis cotula*) [Rule 4.7.22.; Figures 19.01-19.05]

Moth mullein (*Verbascum blattaria*) [Rule 4.7.28.; Figures 25.01-25.03]

Musk thistle (*Carduus nutans*) [Rule 4.7.21.; Figures 18.01-18.10]

Oxeye daisy (*Leucanthemum vulgare*) [Rule 4.7.8.; Figures 7.01-7.16]

Perennial pepperweed (*Lepidium latifolium*) [Rule 4.7.11.; Figures 10.01-10.18]

Plumeless thistle (*Carduus acanthoides*) [Rule 4.7.3.; Figures 2.01-2.02]

Russian knapweed (*Acroptilon repens*) [Rule 4.7.17.; Figures 14.01-14.14]

Russian-olive (*Elaeagnus angustifolia*) [Rule 4.7.35.; Figures 31.01-31.16]

Salt cedar (*Tamarix chinensis*, *T. parviflora*, and *T. ramosissima*) [Rule 4.7.5.; Figures 4.01-4.05]

Scentless chamomile (*Tripleurospermum perforatum*) [Rule 4.7.22.; Figures 19.01-19.05]

Scotch thistle (*Onopordum acanthium*) [Rule 4.7.23.; Figures 20.01-20.14]

Scotch thistle (*Onopordum tauricum*) [Rule 4.7.23.; Figures 20.01-20.14]

Spotted knapweed (*Centaurea stoebe*) [Rule 4.7.4.; Figures 3.01-3.04]

Sulfur cinquefoil (*Potentilla recta*) [Rule 4.7.18.; Figures 15.01-15.04]

Wild caraway (*Carum carvi*) [Rule 4.7.31.; Figures 28.01-28.02]

Yellow nutsedge (*Cyperus esculentus*) [Rule 4.7.32.; Figures 29.01-29.05]

Yellow toadflax (*Linaria vulgaris*) [Rule 4.7.9.; Figures 8.01-8.20]

- 4.2. List B noxious weed species are species for which the Commissioner, in consultation with the state noxious weed advisory committee, local governments, and other interested parties, develops and implements state noxious weed management plans designed to stop the continued spread of these species. List B species must be managed in accordance with all the provisions of this Part 4, including any applicable state noxious weed management plans. Until a plan for a particular species is developed and implemented by rule, all persons are recommended to manage that species.
- 4.3. Local governing bodies and other interested parties are encouraged to make special note of the distribution and abundance of salt cedar, diffuse knapweed, yellow toadflax, perennial pepperweed, Dalmatian toadflax, leafy spurge, hoary cress, and Russian knapweed as the Commissioner will consult with the state noxious weed advisory committee, local governments, and other interested parties, in order to update and implement state noxious weed management plans in 2014-2015 designed to stop the continued spread of these species.
- 4.4. It is a violation of these rules to allow any plant of any population of a List B species designated for eradication by the Commissioner in a state noxious weed management plan (Rules 4.7.1-4.7.23) to produce seed or develop other reproductive propagules after the time specified in the plan for elimination.
- 4.5. Prescribed management techniques must be applied to every population of List B species designated for eradication by the Commissioner in a state noxious weed management plan (Rules 4.7.1-4.7.23) to achieve the following objectives:
  - A. The plants of every population of List B species designated for eradication must be eliminated prior to seed development in the year specified.
  - B. Any population that is discovered in areas designated for eradication subsequent to the year specified for elimination must be eliminated prior to the development of viable seed. If the population is discovered after seed development has occurred, then efforts must be made to minimize the dispersion of seed and elimination is required prior to seed development in the following year.
  - C. Once all plants are eliminated, appropriate efforts must be made in subsequent years to detect and eliminate new plants arising from seed, reproductive propagule, or root stock prior to seed development for the duration of the seed longevity for the particular species.
  - D. In order to ensure that seeds or other reproductive propagules are not produced or spread, any plant with flowers, seeds, or other reproductive propagules must be placed in sealed plastic bags and disposed of by:

1. high intensity burning in a controlled environment that completely destroys seed viability;
  2. removal of plant materials to a solid waste landfill which covers refuse daily with six inches of soil or alternative material; or
  3. any other method approved by the Commissioner.
- 4.6. Within one year of detection, any local governing body with a population of any List B species for which the Commissioner has developed and implemented a state noxious weed management plan must provide to the State Weed Coordinator mapping data pertinent to distribution and abundance of such species in a form prescribed by the State Weed Coordinator.
- 4.7. State Noxious Weed Management Plans for List B Noxious Weed Species
- 4.7.1. Absinth wormwood (*Artemisia absinthium*). In addition to the requirements set forth in this Part 4 for the management of all List B species, the following conditions also apply for absinth wormwood:
- A. Elimination of all populations is required prior to seed development in 2018 and each year thereafter in all Colorado counties except for Eagle, El Paso, Garfield, Gunnison, Mesa, Ouray, Pitkin, and Weld Counties.
  - B. Except as specified in Part 4.7.1F and Part 4.7.1G, elimination of all populations in Eagle, El Paso, Mesa, Ouray, and Weld Counties is required prior to seed development in 2020 and each year thereafter.
  - C. Elimination of all populations in Garfield County is required prior to seed development in 2010 and each year thereafter for all land outside the boundaries of an area demarcated by the southern and eastern borders of Garfield County, Interstate Highway 70 on the north, and State Highways 82 and 133 on the west. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.1F and as otherwise specified in this section, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 1.01).
  - D. Elimination of all populations in Gunnison County is required prior to seed development in 2018 and each year thereafter for all land outside the boundaries of an area demarcated by (Area 1) Latitude 38°52'21.2"N on the north; Longitude 107°7'16.8"W, Latitude 38°41'21.6"N, and Longitude 107°0'28.8"W on the west; Latitude 38°30'8.4"N on the south; and Longitude 106°52'51.6"W, Latitude 38°41'21.6"N; and Longitude 106°56'33.8"W on the east; and (Area 2) the eastern and northern borders of Gunnison County, Longitude 107°16'59.9"W on the west, and Latitude 39°2'14"N on the south. Within these boundaries, all

populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.1F and as otherwise specified in this section, for all lands within the areas described above, suppression is the specified State management objective (see Rule 4.8, Figure 1.02).

- E. Elimination of all populations in Pitkin County is required prior to seed development in 2018 and each year thereafter for all land outside the boundaries of an area demarcated by the northern and western borders of Pitkin County, Latitude 39°7'26.6"N on the south, and Longitude 106°44'20.3"W on the east, except as specified in Part 4.7.1F and Part 4.7.1G for all lands within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 1.03).
  - F. All populations on public land in this state that are within 15 feet from the edge of any public road and any immediately adjacent area used for parking must be eliminated prior to seed development on an annual basis.
  - G. All populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and are within ¼-mile of the downstream boundary of the county, must be treated to meet the higher treatment requirement of the two counties by 2018, and each year thereafter.
  - H. The prescribed integrated management techniques for the eradication of designated populations are limited to the use of herbicides approved by the Commissioner and hand-pulling, digging, or other mechanical techniques approved by the Commissioner.
  - I. Prescribed integrated management techniques do not include the use of any biocontrol agents, herbicides, cultural techniques or mechanical techniques other than those approved by the Commissioner.
  - J. Seed longevity is estimated to be three to four years. Infested sites must be monitored for at least five years after the populations have been eliminated and treatments must be repeated when necessary to prevent flowering and development of seed.
- 4.7.2. Chinese clematis (*Clematis orientalis*). In addition to the requirements set forth in this Part 4 for the management of all List B species, the following conditions also apply for Chinese clematis:
- A. Elimination of all populations is required prior to seed development in 2018 and each year thereafter in all Colorado counties except for Clear Creek, El Paso, Garfield, Gilpin, Gunnison, Jefferson, Mesa, Ouray, and Rio Grande Counties.

- B. Except as specified in Part 4.7.2D and in Part 4.7.2E, elimination of all populations in Clear Creek, El Paso, Garfield, Gilpin, Gunnison, Jefferson, Mesa, Ouray, and Rio Grande Counties is required prior to seed development in 2020 and each year thereafter.
  - C. The Commissioner may determine that some populations cannot safely be eradicated because of the steepness or instability of the mountainous terrain on which they are located. In such cases, the requirement for elimination may be waived.
  - D. All populations on public land in this state that are within 15 feet from the edge of any public road and any immediately adjacent area used for parking must be eliminated prior to seed development on an annual basis.
  - E. All populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and are within ¼-mile of the downstream boundary of the county, must be treated to meet the higher treatment requirement of the two counties by 2020, and each year thereafter. For the mainstem of the South Platte River where it forms the boundary between Douglas and Jefferson Counties, all populations need to be eliminated on both banks from the center of the mainstem river to 15 feet beyond the ordinary high water mark by 2020, and each year thereafter.
  - F. The prescribed integrated management techniques for the eradication of designated populations are limited to the use of herbicides approved by the Commissioner and digging, or other mechanical techniques approved by the Commissioner.
  - G. Prescribed integrated management techniques do not include the use of any biocontrol agents, herbicides, cultural techniques or mechanical techniques other than those approved by the Commissioner.
  - H. Seed longevity is unknown. Infested sites must be monitored for at least ten years after the populations have been eliminated and treatments must be repeated when necessary to prevent flowering and development of seed.
- 4.7.3. Plumeless thistle (*Carduus acanthoides*). In addition to the requirements set forth in this Part 4 for the management of all List B species, the following conditions also apply for plumeless thistle:
- A. Elimination of all populations is required prior to seed development in 2018 and each year thereafter in all Colorado counties except for Eagle, Garfield, Gunnison, Jefferson, Logan, Pitkin, and Summit Counties.
  - B. Except as specified in Part 4.7.3F and Part 4.7.3G, elimination of all populations in Jefferson County is required prior to seed development in 2020 and each year thereafter.



- C. Elimination of all populations in Garfield County is required prior to seed development in 2018 and each year thereafter for all land outside the boundaries of an area demarcated by the southern and eastern borders of Garfield County and Interstate Highway 70 on the north and west. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.3F and as otherwise specified in this section, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 2.01).
- D. Elimination of all populations in Gunnison County is required prior to seed development in 2018 and each year thereafter for all land outside the boundaries of an area demarcated by the northern border of Gunnison County, State Highway 133 on the west, Latitude 39°3'6.15"N on the south, and Longitude 107°7'51.49"W on the east. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.3F and as otherwise specified in this section, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 2.02).
- E. Except as specified in Part 4.7.3F and part 4.7.3G, suppression is the specified State management objective for all populations in Eagle and Pitkin Counties.
- F. All populations on public land in this state that are within 15 feet from the edge of any public road and any immediately adjacent area used for parking must be eliminated prior to seed development on an annual basis.
- G. All populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and are within ¼-mile of the downstream boundary of the county, must be treated to meet the higher treatment requirement of the two counties by 2018, and each year thereafter. For the mainstem of the South Platte River where it forms the boundary between Douglas and Jefferson Counties, all populations need to be eliminated on both banks from the center of the mainstem river to 15 feet beyond the ordinary high water mark by 2018, and each year thereafter.
- H. The prescribed integrated management techniques for the eradication of designated populations are limited to the use of herbicides approved by the Commissioner and hand-pulling, digging, or other mechanical techniques approved by the Commissioner.

- I. Prescribed integrated management techniques do not include the use of any biocontrol agents, herbicides, cultural techniques or mechanical techniques other than those approved by the Commissioner.
  - J. Seed longevity is unknown. Infested sites must be monitored for at least ten years after the populations have been eliminated and treatments must be repeated when necessary to prevent flowering and development of seed.
- 4.7.4. Spotted knapweed (*Centaurea stoebe*). In addition to the requirements set forth in this Part 4 for the management of all List B species, the following conditions also apply for spotted knapweed:
- A. Elimination of all populations is required prior to seed development in 2018 and each year thereafter in all Colorado counties except for Alamosa, Boulder, Clear Creek, Costilla, Dolores, Eagle, El Paso, Fremont, Garfield, Gilpin, Jefferson, Larimer, La Plata, Mesa, Moffat, Montezuma, Montrose, Ouray, Park, Rio Blanco, Rio Grande, and Summit Counties.
  - B. Except as specified in Part 4.7.4G and Part 4.7.4H, elimination of all populations in Alamosa, Boulder, Clear Creek, Dolores, Eagle, Fremont, Garfield, Gilpin, Jefferson, Larimer, Mesa, Moffat, Montezuma, Montrose, Ouray, Park, Rio Blanco, and Rio Grande Counties is required prior to seed development in 2020 and each year thereafter.
  - C. Elimination of all populations in Costilla County is required prior to seed development in 2018 and each year thereafter for all land outside the boundaries of an area demarcated by Latitude 37°18'56.24"N, Camino Tio Irving, State Highway 159 and County Road X on the north; County Roads 12 and P, and State Highway 159 on the west; the southern border of Costilla County; and Longitude 105°16'12.14"W on the east. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.4G and as otherwise specified in this section, for all lands within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 3.01).
  - D. Elimination of all populations in El Paso County is required prior to seed development in 2018 and each year thereafter for all land outside the boundaries of an area demarcated by the eastern, northern, and western borders of El Paso County; and Latitude 38°48'30.13"N, US Highway 24, and State Highway 94 on the south. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.4G and as otherwise specified in this section, for all lands within the area

described above, suppression is the specified State management objective (see Rule 4.8, Figure 3.02).

- E. Elimination of all populations in La Plata County is required prior to seed development in 2020 and each year thereafter for all land outside the boundaries of an area demarcated by US Highway 160 on the north, County Roads 141 and 136 on the east, Latitude 37°1'14.31"N connecting County Road 136 where it joins State Highway 140 and the La Plata River, the La Plata River and County Road 105 on the west. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.4G and as otherwise specified in this section, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 3.03).
- F. Elimination of all populations in Summit County is required prior to seed development in 2018 and each year thereafter for all land beyond 600-feet from the center of State Highway 9 between the northern border of Summit County and the town limits of Silverthorne. Except as specified in Part 4.7.4G and Part 4.7.4H, for all lands within the area described above suppression is the specified State management objective (see Rule 4.8, Figure 3.04).
- G. All populations on public land in this state that are within 15 feet from the edge of any public road and any immediately adjacent area used for parking must be eliminated prior to seed development on an annual basis.
- H. All populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and are within ¼-mile of the downstream boundary of the county, must be treated to meet the higher treatment requirement of the two counties by 2018, and each year thereafter. For the mainstem of the South Platte River where it forms the boundary between Douglas and Jefferson Counties, all populations need to be eliminated on both banks from the center of the mainstem river to 15 feet beyond the ordinary high water mark by 2018, and each year thereafter.
- I. The prescribed integrated management techniques for the eradication of designated populations are limited to the use of herbicides approved by the Commissioner and hand-pulling, digging, or other mechanical techniques approved by the Commissioner.
- J. Prescribed integrated management techniques do not include the use of any biocontrol agents, herbicides, cultural techniques or mechanical techniques other than those approved by the Commissioner.

- K. Seed longevity is estimated to be at least eight years. Infested sites must be monitored for at least nine years after the populations have been eliminated and treatments must be repeated when necessary to prevent flowering and development of seed.
- 4.7.5. Salt cedar (*Tamarix chinensis*, *T. parviflora*, and *T. ramosissima*). In addition to the requirements set forth in this Part 4 for the management of all List B species, the following conditions also apply for salt cedar:
- A. Elimination of all populations is required prior to seed development in 2006 and each year thereafter in Alamosa, Conejos, Costilla, Jackson, Rio Grande, and Saguache Counties.
  - B. Elimination of all populations in San Miguel and Montrose Counties must be completed prior to seed development in 2006 and each year thereafter for all land within the watershed upstream from the confluence (38°12.327'N, 108°18.654'W) of Horsefly Creek and the San Miguel River (see Rule 4.8, Figure 4.01).
  - C. Elimination of all populations in Eagle, Garfield, Grand, Routt, and Summit Counties must be completed prior to seed development in 2007 and each year thereafter for all land within the Colorado River watershed upstream from the point at which the Colorado River crosses the Eagle/Garfield County line (39°37.474'N, 107°06.762'W) (see Rule 4.8, Figure 4.02).
  - D. Elimination of all populations within the Republican River watershed is required prior to seed development in 2010 and each year thereafter for all land outside the boundaries of an area demarcated by County Road 7, Longitude 102° 7'29 " W, the southern border of Yuma County, and US Highway 385. For all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 4.03).
  - E. Elimination of all populations in Weld County is required prior to seed development in 2010 and each year thereafter.
  - F. Elimination of all populations in Chaffee and Routt Counties is required prior to seed development in 2011 and each year thereafter.
  - G. Elimination of all populations in Montrose County must be completed prior to seed development in 2011 for all land within the watershed upstream from the intersection of State Highway 90 and the San Miguel River to the confluence of Horsefly Creek and the San Miguel River. (see Rule 4.8, Figure 4.04).
  - H. Elimination of all populations in San Miguel County must be completed prior to seed development in 2011 and each year thereafter for all land within the Naturita Creek watershed from the headwaters to the point at which the Naturita Creek crosses the San Miguel/Montrose County line. (see Rule 4.8, Figure 4.05).

- I. The prescribed integrated management techniques for the eradication of designated populations are limited to the use of herbicides approved by the Commissioner and hand-pulling, digging, sawing, or other mechanical techniques approved by the Commissioner.
  - J. Prescribed integrated management techniques do not include the use of any biocontrol agents, herbicides, cultural techniques or mechanical techniques other than those approved by the Commissioner.
  - K. Seed longevity is less than one year. Infested sites must be monitored for at least one year after the populations have been eliminated and treatments must be repeated when necessary to prevent flowering and development of seed.
- 4.7.6. Black henbane (*Hyoscyamus niger*). In addition to the requirements set forth in this Part 4 for the management of all List B species, the following conditions also apply for black henbane:
- A. Elimination of all populations is required prior to seed development in 2018 and each year thereafter in all Colorado counties except for Costilla, Eagle Grand, Moffat, Rio Blanco, Rio Grande, and Saguache Counties.
  - B. Except as specified in Part 4.7.6E and Part 4.7.6F, elimination of all populations in Costilla, Eagle, Grand, Moffat, and Rio Grande Counties is required prior to seed development in 2020 and each year thereafter.
  - C. Elimination of all populations in Rio Blanco County is required prior to seed development in 2018 and each year thereafter for all land outside the boundaries of an area demarcated by County Road 5 on the west and south, County Road 3 and the Main Prong of Dry Fork Piceance Creek on the east, and County Road 22 on the east and north. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.6E and as otherwise specified in this section, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 5.01).
  - D. Elimination of all populations in Saguache County is required prior to seed development in 2018 and each year thereafter for all land outside the boundaries of an area demarcated by: (AREA 1) the northern border of Saguache County; Longitude 106°48'18.0"W on the west; Latitude 38°11'37.25"N, Longitude 106°41'24.17"W, and Latitude 38°16'44.98"N on the south; and Longitude 106°34'42.15"W on the east; and (Area 2) the northern and western borders of township T46N R10E, County Road LL57, US Highway 285, and State Highway 114 on the north; County Roads 41G and 38A on the west; the southern border of Saguache County on the south; and State Highway 17, County Road AA, Latitude 38°6'1.05"N, and the eastern border of Saguache County on the east.

Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.6E and as otherwise specified in this section, for all land within the areas described above, suppression is the specified State management objective (see Rule 4.8, Figure 5.02).

- E. All populations on public land in this state that are within 15 feet from the edge of any public road and any immediately adjacent area used for parking must be eliminated prior to seed development on an annual basis.
  - F. All populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and are within ¼-mile of the downstream boundary of the county, must be treated to meet the higher treatment requirement of the two counties by 2018, and each year thereafter. For the mainstem of the Rio Grande where it forms the boundary between Conejos and Costilla Counties, all populations need to be eliminated on both banks from the center of the mainstem river to 15 feet beyond the ordinary high water mark by 2018, and each year thereafter.
  - G. The prescribed integrated management techniques for the eradication of designated populations are limited to the use of herbicides approved by the Commissioner and hand-pulling, digging, or other mechanical techniques approved by the Commissioner.
  - H. Prescribed integrated management techniques do not include the use of any biocontrol agents, herbicides, cultural techniques or mechanical techniques other than those approved by the Commissioner.
  - I. Seed longevity is estimated to be at least four years. Infested sites must be monitored for at least four years after the populations have been eliminated and treatments must be repeated when necessary to prevent flowering and development of seed.
- 4.7.7. Diffuse knapweed (*Centaurea diffusa*). In addition to the requirements set forth in this Part 4 for the management of all List B species, the following conditions also apply for diffuse knapweed:
- A. Elimination of all populations is required prior to seed development in 2006 and each year thereafter in all Colorado counties except for Adams, Arapahoe, Boulder, Broomfield, Clear Creek, Denver, Douglas, El Paso, Elbert, Garfield, Gilpin, Grand, Huerfano, Jefferson, Larimer, Las Animas, Logan, Moffat, Park, Pueblo, Rio Blanco, Summit, Washington and Weld Counties.
  - B. Except as specified in Part 4.7.7V, elimination of all populations in Park County is required prior to seed development in 2007 and each year thereafter.

- C. Except as specified in Part 4.7.7V, elimination of all populations in Clear Creek, Gilpin, Logan, and Summit Counties is required prior to seed development in 2008 and each year thereafter.
- D. Except as specified in Part 4.7.7V, elimination of all populations in Grand County is required prior to seed development in 2009 and each year thereafter.
- E. Except as specified in Part 4.7.7.V, elimination of all populations in Washington County is required prior to seed development in 2011 and each year thereafter.
- F. Except as specified in Part 4.7.7V, suppression is the specified State management objective for all populations in Broomfield and Denver Counties.
- G. Except as specified in Part 4.7.7V, elimination of all populations in Adams County must be completed prior to seed development in 2007 and each year thereafter for all land outside the boundaries of an area demarcated by the northern border of Adams County, Longitude 108° 47'26"W, the southern border of Adams County, and the western border of Adams county and of an area demarcated by 88th Avenue on the north, Antelope Creek on the east, a line drawn from north to south connecting the beginning of Antelope Creek to the southern border of Adams County, the southern border of Adams county, and State Highway 79 on the west. Except as specified in Part 4.7.7V, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 6.01).
- H. Except as specified in Part 4.7.7V, elimination of all populations in Arapahoe County must be completed prior to seed development in 2009 and each year thereafter for all land outside the boundaries of an area demarcated by the northern border of Arapahoe County, Kiowa Creek to the east, the southern border of Arapahoe County, and the western border of Arapahoe County and of an area demarcated by the northern border of Arapahoe County, Strasburg Road, Latitude 39° 42'31"N, and Wolf Creek. Except as specified in Part 4.7.7V, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 6.02).
- I. Elimination of all populations in Boulder County must be completed prior to seed development in 2006 and each year thereafter for all land outside the boundaries of an area demarcated by the northern border of Boulder County, the eastern border of Boulder County, the southern border of Boulder County, and Longitude 105° 37'45"W. Except as specified in Part 4.7.7V, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 6.03).
- J. Except as specified in Part 4.7.7V, elimination of all populations in Douglas County must be completed prior to seed development in 2009 and each year thereafter for all land outside the boundaries of an area demarcated by the northern border of Douglas County, the eastern border of Douglas County, the southern border of Douglas County, Rampart Road on the west until it meets

State Highway 67, State Highway 67 to County Road 40, County Road 40 on the west, and the western border of Douglas County. Except as specified in Part 4.7.7V, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 6.04).

- K. Except as specified in Part 4.7.7V, elimination of all populations in El Paso County must be completed prior to seed development in 2009 and each year thereafter for all land outside the boundaries of an area demarcated by the northern border of El Paso County, North Calhan Highway and Calhan Highway on the east, a line that runs north to south connecting Calhan Highway to State Highway 94, Highway 94 to Curtis Road, Curtis Road and Chico Creek on the east, the southern border of El Paso County, Interstate 25 on the west until it transects Little Fountain Creek, Little Fountain Creek on the west, State Highway 115 and US Highway 24 on the west, and the western border of El Paso County. Except as specified in Part 4.7.7V, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 6.05).
- L. Elimination of all populations in Elbert County must be completed prior to seed development in 2006 and each year thereafter for all land outside the boundaries of an area demarcated by the northern border of Elbert County, Longitude 103° 52'00" W, Latitude 39° 07'42" N, and the western border of Elbert County. Except as specified in Part 4.7.7V, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 6.06).
- M. Except as specified in Part 4.7.7V, elimination of all populations in Garfield County must be completed prior to seed development in 2008 and each year thereafter for all land outside the boundaries of an area demarcated by Latitude 39° 37'38"N, Forest Service Road 602 on the east, a line drawn southwest connecting Forest Service Road 602 to State Highway 82, State Highway 82 on the east, the southern border of Garfield County, and Longitude 108° 28'14"W. Except as specified in Part 4.7.7V, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 6.07).
- N. Except as specified in Part 4.7.7V, elimination of all populations in Huerfano County and each year thereafter for all land outside the boundaries of an area demarcated by US Highway 160 on the north, Longitude 105° 59'40"W, Latitude 37° 25'54"N, and Longitude 105° 03'57"W. Except as specified in Part 4.7.7V, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 6.08).
- O. Except as specified in Part 4.7.7V, elimination of all populations in Jefferson County must be completed prior to seed development in 2009 and each year thereafter for all land outside the boundaries of an area demarcated by the northern border of Jefferson County, the eastern border of Jefferson County, the North Fork of the South Platte River on the south, and the western border of



Jefferson County. Except as specified in Part 4.7.7V, for all land the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 6.09).

- P. Elimination of all populations in Larimer County must be completed prior to seed development in 2006 and each year thereafter for all land outside the boundaries of an area demarcated by the North Fork of the Big Thompson River, Longitude 105° 03'25"W and the eastern border of Larimer County, the southern border of Larimer County, and Longitude 105° 37'45"W. Except as specified in Part 4.7.7V, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 6.10).
- Q. Elimination of all populations in Las Animas County must be completed prior to seed development in 2006 and each year thereafter for all land outside the boundaries of an area demarcated by Latitude 37° 08'42"N, Longitude 104° 51'09"W, Latitude 37° 07'48"N, and Longitude 104° 49'59"W and of an area demarcated by the Van Bremer Arroyo, Longitude 104° 09'45"W, the Luning Arroyo, and State Highway 350. Except as specified in Part 4.7.7V, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 6.11).
- R. Elimination of all populations in Moffat County must be completed prior to seed development in 2006 and each year thereafter for all land outside the boundaries of an area demarcated by US Highway 40 on the north, Longitude 107° 30'19" W and 33 Road on the east, State Route 317 and State Highway 13 until it intersects with the Williams Fork River, Williams Fork River and the Yampa River on the south, and Longitude 107° 44'01" W. Except as specified in Part 4.7.7V, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 6.12).
- S. Elimination of all populations in Pueblo County must be completed prior to seed development in 2006 and each year thereafter for all land outside the boundaries of an area demarcated by Latitude 38° 00'32"N, the Huerfano River, the southern border of Pueblo County, Interstate 25 until it intersects the Greenhorn River, and the Greenhorn River. Except as specified in Part 4.7.7V, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 6.13).
- T. Except as specified in Part 4.7.7V, elimination of all populations in Rio Blanco County must be completed prior to seed development in 2009 and each year thereafter for all land outside the boundaries of an area demarcated by the northern border of Rio Blanco County, County Road 15 on the east, and State Highway 13, and of an area demarcated by Latitude 40° 00'06"N, Longitude 108° 10'30"W, Latitude 39° 48'39"N and Longitude 108° 25'17"W. Except as specified in Part 4.7.7V, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 6.14).

- U. Except as specified in Part 4.7.7V, elimination of all populations in Weld County must be completed prior to seed development in 2008 and each year thereafter for all land outside the boundaries of an area demarcated by the Little Thompson River on the north until it meets State Highway 60, State Highway 60 on the north, State Highway 60 and US Highway 85 on the east, the southern border of Weld County, and the western border of Weld County. Except as specified in Part 4.7.7V, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 6.15).
  - V. All populations on public land in this state that are within 15 feet from the edge of any public road and any immediately adjacent area used for parking must be eliminated prior to seed development on an annual basis.
  - W. The prescribed integrated management techniques for the eradication of designated populations are limited to the use of herbicides approved by the Commissioner and hand-pulling, digging, or other mechanical techniques approved by the Commissioner.
  - X. Prescribed integrated management techniques do not include the use of any biocontrol agents, herbicides, cultural techniques or mechanical techniques other than those approved by the Commissioner.
  - Y. Seed longevity is unknown. Infested sites must be monitored for at least 10 years after the populations have been eliminated and treatments must be repeated when necessary to prevent flowering and development of seed.
- 4.7.8. Oxeye daisy (*Leucanthemum vulgare*). In addition to the requirements set forth in this Part 4 for the management of all List B species, the following conditions also apply for oxeye daisy:
- A. Elimination of all populations is required prior to seed development in 2018 and each year thereafter in all Colorado counties except for Archuleta, Boulder, Chaffee, Clear Creek, Conejos, Delta, Dolores, Douglas, El Paso, Fremont, Garfield, Gilpin, Grand, Gunnison, Jackson, La Plata, Lake, Larimer, Mesa, Mineral, Moffat, Montezuma, Montrose, Rio Blanco, Rio Grande, and San Miguel Counties, and those counties specified in Part 4.7.8T.
  - B. Except as specified in Part 4.7.8T and in Part 4.7.8U, elimination of all populations in Chaffee, Clear Creek, Douglas, El Paso, Fremont, Jackson, Larimer, Montezuma, Rio Blanco, and Rio Grande Counties is required prior to seed development in 2020 and each year thereafter.
  - C. Elimination of all populations in Archuleta County is required prior to seed development in 2018 and each year thereafter for all land outside the boundaries of an area demarcated by the northern, eastern, and southern borders of Archuleta County and US Highway 160, County Road 500, Rio Blanco, and US Highway 84 on the west. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to

15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.8T and as otherwise specified in this section, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 7.01).

- D. Elimination of all populations in Boulder County is required prior to seed development in 2018 and each year thereafter for all land outside the boundaries of an area demarcated by the northern border of Boulder County, Longitude 105°37'38.2"W on the west, the southern border of Boulder County, and Longitude 105°27'40.5"W on the east. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.8T and as otherwise specified in this section, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 7.02).
- E. Elimination of all populations in Conejos County is required prior to seed development in 2018 and each year thereafter for all land beyond a ½-mile from the center of County Road 250 and State Highway 17 between the town limits of Platoro and County Road 101. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.8T and as otherwise specified in this section, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 7.03).
- F. Elimination of all populations in Delta County is required prior to seed development in 2018 and each year thereafter for all land outside the boundaries of the areas demarcated by (Area 1) the eastern and northern borders of Delta County; Longitude 107°37'17.56"W and Stevens Gulch Road on the west; and State Highway 133 on the south and (Area 2) NW Sage Avenue and Latitude 38°54'53.94"N on the north; Longitude 108°2'26.96"W, Fairlamb Road, and Oak Creek Road on the west, North Road on the south, and State Highway 65 on the east. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.8T and as otherwise specified in this section, for all land within the areas described above, suppression is the specified State management objective (see Rule 4.8, Figure 7.04).

- G. Elimination of all populations in Dolores County is required prior to seed development in 2018 and each year thereafter for all land outside the boundaries of an area demarcated by 38.00 Road on the north and west, the southern border of Dolores County, and State Highway 145 on the east. Except as specified in Part 4.7.8T and in Part 4.7.8U, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 7.05).
- H. Elimination of all populations in Garfield County is required prior to seed development in 2018 and each year thereafter for all land outside the boundaries of an area demarcated by the northern, eastern, and southern borders of Garfield County; and Interstate 70 and Buford Road on the west. Except as specified in Part 4.7.8T and in Part 4.7.8U, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 7.06).
- I. Elimination of all populations in Gilpin County is required prior to seed development in 2020 and each year thereafter for all land outside the boundaries of an area demarcated by the northern, eastern, and southern borders of Gilpin County; and State Highway 119 on the west. Except as specified in Part 4.7.8T and in Part 4.7.8U, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 7.07).
- J. Elimination of all populations in Grand County is required prior to seed development in 2018 and each year thereafter for all land outside the boundaries of the areas demarcated by (Area 1) Willow Creek Latitude 40° 17'7.74"N to the confluence North Inlet of Grand Lake and Ptarmigan Creek, North Inlet and Latitude 40° 15'23.05"N on the north; the eastern and southern borders of Grand County; and LATITUDE 39°43'15.51"N, BOBTAIL CREEK, Williams Fork River, US Highway 40, and State Highway 125 on the west; and (Area 2) the northern and western borders of Grand County; US Highway 40 on the east; and State Highway 134 on the south. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.8T and as otherwise specified in this section, for all land within the areas described above, suppression is the specified State management objective (see Rule 4.8, Figure 7.08).
- K. Elimination of all populations in Gunnison County is required prior to seed development in 2020 and each year thereafter for all land outside the boundaries of the areas demarcated by (AREA 1) the northern border of Gunnison County; Henderson Creek, County Road 265, and State Highway 133 on the west; Latitude 39°3'32.83"N to the confluence of Crystal River and South Fork Crystal River on the south; and Crystal River on the east; (Area 2) Latitude 38°56'18.67"N, East River, and Latitude 38°52'35.97"N on the north; Longitude 107°5'53"W, County Road 730, and State Highway 135 on the west; and County

Roads 10 and 743 on the south; Longitude 106°45'52.24"W on the east; and (Area 3) Latitude 38°36'22.73"N on the north, Longitude 106°27'24.20"W on the west, the southern border of Gunnison County on the south, and US Highway 50 and eastern border of Gunnison County on the east. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.8T and as otherwise specified in this section, for all land within the areas described above, suppression is the specified State management objective (see Rule 4.8, Figure 7.09).

- L. Elimination of all populations in La Plata County is required prior to seed development in 2018 and each year thereafter for all land outside the boundaries of areas demarcated by the eastern and northern borders of La Plata County; Hermosa Creek and US Highway 550 on the west; County Roads 310, 318, 172, and 151 on the South. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.8T and as otherwise specified in this section, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 7.10).
- M. Elimination of all populations in Lake County is required prior to seed development in 2018 and each year thereafter for all land outside the boundaries of an area demarcated by the eastern, northern, and western borders of Lake County and township line T10S. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.8T and as otherwise specified in this section, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 7.11).
- N. Elimination of all populations in Mesa County is required prior to seed development in 2018 and each year thereafter for all land outside the boundaries of an area demarcated by the southern and eastern borders of Mesa County; township line T9S on the north; and County Road 58.6 and State Highways 330 and 65 on the west. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.8T and as otherwise specified in this section, for all land within the

area described above, suppression is the specified State management objective (see Rule 4.8, Figure 7.12).

- O. Elimination of all populations in Mineral County is required prior to seed development in 2018 and each year thereafter for all land outside the boundaries of an area demarcated by Latitude 37°30'47"N on the north, the eastern and southern borders of Mineral County, and Longitude 106°55'26"W on the west. Except as specified in Part 4.7.8T and in Part 4.7.8U, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 7.13).
- P.. Elimination of all populations in Moffat County is required prior to seed development in 2018 and each year thereafter for all land outside the boundaries of an area demarcated by (Area 1) the northern and eastern borders of Moffat County, Latitude 40°48'47"N on the south, AND STATE HIGHWAY 13 ON THE WEST; AND (AREA 2) the southern and eastern borders of Moffat County; Latitude 40°27'17"N on the north; and County Road 30 and Longitude 107°44'3"W on the west. Except as specified in Part 4.7.8T and in Part 4.7.8U, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 7.14).
- Q. Elimination of all populations in Montrose County is required prior to seed development in 2018 and each year thereafter for all land outside the boundaries of an area demarcated by (Area 1) the southern and eastern borders of Montrose County, US Highway 50 and Main St on the north, and US Highway 550; and (Area 2) the northern border of Montrose County, State Highway 141 on the west, the southern border of Montrose County, and the Uncompahgre National Forest border and the eastern border of Montrose County on the east. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.8T and as otherwise specified in this section, for all land within the areas described above, suppression is the specified State management objective (see Rule 4.8, Figure 7.15).
- R. Elimination of all populations in San Miguel County is required prior to seed development in 2018 and each year thereafter for all land outside the boundaries of an area demarcated by McKenzie Creek and County Road Z60 on the north, the eastern and southern borders of San Miguel County, and County Road 49G, Beaver Creek, and the San Miguel River to its confluence with McKenzie Creek, on the west. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.8T and as otherwise specified in this section, for all land within the area

described above, suppression is the specified State management objective (see Rule 4.8, Figure 7.16).

- S. Except as specified in Part 4.7.8T and in Part 4.7.8U, suppression is the specified State management objective for all populations in Eagle, Jefferson, Ouray, Pitkin, Routt, San Juan, and Summit Counties.
  - T. All populations on public land in this state that are within 15 feet from the edge of any public road and any immediately adjacent area used for parking must be eliminated prior to seed development on an annual basis.
  - U. All populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and are within ¼-mile of the downstream boundary of the county, must be treated to meet the higher treatment requirement of the two counties by 2018, and each year thereafter. For the mainstem of the South Platte River where it forms the boundary between Douglas and Jefferson Counties, all populations need to be eliminated on both banks from the center of the mainstem river to 15 feet beyond the ordinary high water mark by 2018, and each year thereafter.
  - V. The prescribed integrated management techniques for the eradication of designated populations are limited to the use of herbicides approved by the Commissioner and hand-pulling, digging, or other mechanical techniques approved by the Commissioner.
  - W. Prescribed integrated management techniques do not include the use of any biocontrol agents, herbicides, cultural techniques or mechanical techniques other than those approved by the Commissioner.
  - X. Seed longevity is estimated to be at least thirty-eight years. Infested sites must be monitored for at least thirty-nine years after the populations have been eliminated and treatments must be repeated when necessary to prevent flowering and development of seed.
- 4.7.9. Yellow toadflax (*Linaria vulgaris*). In addition to the requirements set forth in this Part 4 for the management of all List B species, the following conditions also apply for yellow toadflax:
- A. Elimination of all populations is required prior to seed development in 2007 and each year thereafter in all Colorado counties except for Adams, Arapahoe, Archuleta, Boulder, Conejos, Douglas, Eagle, El Paso, Garfield, Gilpin, Grand, Gunnison, Hinsdale, Jefferson, La Plata, Lake, Larimer, Mineral, Montrose, Park, Pitkin, Rio Blanco, Routt, San Miguel, Summit, Teller, and Weld.
  - B. Except as specified in Part 4.7.9X, elimination of all populations in Arapahoe and Conejos County must be completed prior to seed development in 2008 and each year thereafter.

- C. Elimination of all populations in Adams County must be completed prior to seed development in 2007 and each year thereafter for all land outside the boundaries of an area demarcated by the northern border of Adams County, Longitude 104° 49'48"W, the southern border of Adams County, and the western border of Adams County. Except as specified in Part 4.7.9X, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 8.01).
- D. Elimination of all populations in Archuleta County must be completed prior to seed development in 2007 and each year thereafter for all land outside the boundaries of an area demarcated by Latitude 37° 17'42"N, Longitude 107° 59'50"W, Latitude 37° 14'51"N, and Longitude 107° 01'31"W. Except as specified in Part 4.7.9X, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 8.02).
- E. Elimination of all populations in Boulder County must be completed prior to seed development in 2007 and each year thereafter for all land outside the boundaries of an area demarcated by the northern border of Boulder County, Longitude 105° 18'02"W, US Highway 36, the southern border of Boulder County, and Longitude 105° 36'43"W. Except as specified in Part 4.7.9X, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 8.03).
- F. Except as specified in Part 4.7.9X, elimination of all populations in El Paso County must be completed prior to seed development in 2009 and each year thereafter for all land outside the boundaries of an area demarcated by the northern border of El Paso, Longitude 104° 23'13"W until the start of McClelland Road, McClelland Road, State Highway 94 and Platte Avenue, US Highway 24, and the western border of El Paso County. Except as specified in Part 4.7.9X, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 8.04).
- G. Except as specified in Part 4.7.9X, elimination of all populations in Garfield County must be completed prior to seed development in 2008 and each year thereafter for all land outside the boundaries of an area demarcated by the northern border of Garfield County, the eastern border of Garfield County, Latitude 39° 44'08"N to Main Elk Creek, Main Elk Creek to its confluence with West Elk Creek, West Elk Creek on the east, Interstate 70 on the south, State Highway 13 on the west, and the western border of Garfield County and of an area demarcated by Interstate 70, Longitude 107° 15'05"W, Latitude 39° 29'59"N, the eastern border of Garfield County, the southern border of Garfield County, and Longitude 107° 22'55"W. Except as specified in Part 4.7.9X, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 8.05).
- H. Except as specified in Part 4.7.9X, elimination of all populations in Gilpin County must be completed prior to seed development in 2008 and each year thereafter for all land outside the boundaries of an area demarcated by the northern border



of Gilpin County, the eastern border of Gilpin County, State Highway 119 to South Boulder Creek, South Boulder Creek, and Longitude 105° 36'43"W. Except as specified in Part 4.7.9X, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 8.06).

- I. Except as specified in Part 4.7.9X, elimination of all populations in Grand County must be completed prior to seed development in 2009 and each year thereafter for all land outside the boundaries of an area demarcated by Latitude 40° 14'53"N, Longitude 105° 45'12"W until it meets US Highway 40, US Highway 40, the southern border of Grand County, Forest Service Road 144 until it meets the Williams Fork River, Williams Fork River, Latitude 40° 00'01"N, and Longitude 106° 14'40"W. Except as specified in Part 4.7.9X, for all land the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 8.07).
- J. Except as specified in Part 4.7.9X, elimination of all populations in Gunnison County must be completed prior to seed development in 2009 and each year thereafter for all land outside the boundaries of an area demarcated by the northern boundary of Gunnison County, Cement Creek until it meets State Highway 135, State Highway 135, US Highway 50, Curecanti Creek to its beginning, Longitude 107° 22'27"W, State Highway 133, and the western border of Gunnison County and of an area demarcated by Quartz Creek and Middle Quartz Creek on the north, the eastern border of Gunnison County, the southern border of Gunnison County, and US Highway 50. Except as specified in Part 4.7.9X, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 8.08).
- K. Elimination of all populations in Hinsdale County must be completed prior to seed development in 2007 and each year thereafter for all land outside the boundaries of an area demarcated by Latitude 37° 32'10"N, the eastern border of Hinsdale County, the southern border of Hinsdale County, and the Williams Creek and Williams Creek Reservoir on the west. Except as specified in Part 4.7.9X, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 8.09).
- L. Except as specified in Part 4.7.9X, elimination of all populations in La Plata County must be completed prior to seed development in 2008 and each year thereafter for all land outside the boundaries of an area demarcated by the La Plata River Watershed from its convergence with Long Hollow Creek to the town of Mayday and of an area demarcated by US Highway 160 on the north, Longitude 107° 52'44"W, Latitude 37° 11'25"N, and Longitude 107° 56'18"W. Except as specified in Part 4.7.9X, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 8.10).
- M. Except as specified in Part 4.7.9X, elimination of all populations in Lake County must be completed prior to seed development in 2009 and each year thereafter

for all land outside the boundaries of an area demarcated by the northern border of Lake County, State Highway 91 and US Highway 24, the southern border of Lake County, and the western border of Lake County. Except as specified in Part 4.7.9X, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 8.11).

- N. Elimination of all populations in Larimer County must be completed prior to seed development in 2007 and each year thereafter for all land outside the boundaries of an area demarcated by Latitude 40° 31'27"N and the North Fork of the Big Thompson River on the north, Longitude 105° 18'02"W, the southern border of Larimer County, and the western border of Larimer County. Except as specified in Part 4.7.9X, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 8.12).
- O. Elimination of all populations in Mineral County must be completed prior to seed development in 2007 and each year thereafter for all land outside the boundaries of an area demarcated by US Highway 160, Pass Creek, the eastern border of Mineral County, and the southern border of Mineral County and of an area demarcated by Latitude 37° 32'10"N, Longitude 107° 00'24"W, the southern border of Mineral County, and the western border of Mineral County. Except as specified in Part 4.7.9X, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 8.13).
- P. Elimination of all populations in Montrose County must be completed prior to seed development in 2007 and each year thereafter for all land outside the boundaries of an area demarcated by Cottonwood Creek, Longitude 108° 17'35"W, Monitor Creek, and Longitude 108° 22'16"W. Except as specified in Part 4.7.9X, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 8.14).
- Q. Elimination of all populations in Park County must be completed prior to seed development in 2007 and each year thereafter for all land outside the boundaries of an area demarcated by the northern border of Park County, the eastern border of Park County, Forest Service Road 560 to US Highway 285, US Highway 285, and Longitude 105° 37'15"W and of an area demarcated by Jefferson Creek, Longitude 105° 44'42"W, Latitude 35° 11'20" N, and US Highway 285 on the west and of an area demarcated by Tarryall Creek on the north, Latitude 39° 07'48"N, the eastern border of Park County, US Highway 24, the South Platte River, Elevenmile Canyon Reservoir, the South Platte River until it meets US Highway 24, US Highway 24, and Forest Service Road 44 and 232 on the west. Except as specified in Part 4.7.9X, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 8.15).
- R. Except as specified in Part 4.7.9X, elimination of all populations in Rio Blanco County must be completed prior to seed development in 2008 and each year thereafter for all land outside the boundaries of an area demarcated by the northern border of Rio Blanco County, Strawberry Creek, 7 Road, State Highway

64 and State Highway 13 on the east, Latitude 40° 00'10" N until it meets the Dry Fork of the Piceance Creek, the Piceance Creek, Latitude 40° 04'33" N until it meets the White River, the White River, and the western border of Rio Blanco County, and of an area demarcated by the northern border of Rio Blanco County, the eastern border of Rio Blanco County, the southern border of Rio Blanco County, and Longitude 107° 48'33" W and 15 Road. Except as specified in Part 4.7.9X, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 8.16).

- S. Elimination of all populations in San Miguel County must be completed prior to seed development in 2007 and each year thereafter for all land outside the boundaries of an area demarcated by State Highway 62, the eastern border of San Miguel County, the southern border of San Miguel County, Bilk Creek, and the San Miguel River. Except as specified in Part 4.7.9X, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 8.17).
- T. Except as specified in Part 4.7.9X, elimination of all populations in Summit County must be completed prior to seed development in 2009 and each year thereafter for all land outside the boundaries of an area demarcated by Latitude 39° 45'33"N, the northeastern border of Summit County, Longitude 105° 57'13"W, the southeastern border of Summit County, Latitude 39° 25'27"N, Longitude 106° 03'32"W, Latitude 39° 33'56"N, Interstate 70, State Highway 91, and the western border of Summit County. Except as specified in Part 4.7.9X, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 8.18).
- U. Except as specified in Part 4.7.9X, elimination of all populations in Teller County must be completed prior to seed development in 2008 and each year thereafter for all land outside the boundaries of an area demarcated by the northern border of Teller County, the eastern border of Teller County, US Highway 24, and the western border of Teller County. Except as specified in Part 4.7.9X, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 8.19).
- V. Elimination of all populations in Weld County must be completed prior to seed development in 2007 and each year thereafter for all land outside the boundaries of an area demarcated by the border of Weld County, Interstate 25, State Highway 60, US Highway 85, the southern border of Weld County, and the western border of Weld County. Except as specified in Part 4.7.9X, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 8.20).
- W. Except as specified in Part 4.7.9X, suppression is the specified State management objective for all populations in Douglas, Eagle, Jefferson, Pitkin, and Routt Counties.

- X. All populations on public land in this state that are within 15 feet from the edge of any public road and any immediately adjacent area used for parking must be eliminated prior to seed development on an annual basis.
  - Y. The prescribed integrated management techniques for the eradication of designated populations are limited to the use of herbicides approved by the Commissioner.
  - Z. Prescribed integrated management techniques do not include the use of any biocontrol agents, herbicides, cultural techniques or mechanical techniques other than those approved by the Commissioner.
  - AA. Seed longevity is estimated to be at least ten years. Infested sites must be monitored for at least ten years after the populations have been eliminated and treatments must be repeated when necessary to prevent flowering and development of seed.
- 4.7.10. Houndstongue (*Cynoglossum officinale*). In addition to the requirements set forth in this Part 4 for the management of all List B species, the following conditions also apply for houndstongue:
- A. Elimination of all populations is required prior to seed development in 2018 and each year thereafter in all Colorado counties except for Baca, Broomfield, Boulder, Costilla, Delta, Denver, Dolores, Douglas, Fremont, Grand, Gunnison, Hinsdale, Huerfano, Jackson, Mesa, Moffat, Montezuma, Montrose, Pueblo, San Miguel, and Summit Counties, and those counties specified in Part 4.7.10O.
  - B. Except as specified in PART 4.7.10P and in PART 4.7.10Q, elimination of all populations in Baca, Broomfield, Costilla, Denver, Douglas, Fremont, Hinsdale, Jackson, and Montezuma Counties is required prior to seed development in 2020 and each year thereafter.
  - C. Elimination of all populations in Boulder County is required prior to seed development in 2018 and each year thereafter for all land outside the boundaries of an area demarcated by the northern border of Boulder County; Longitude 105°22'46"W on the west, the southern border of Boulder County, and State Highway 93, US Highway 36, State Highway 119, and US Highway 287 on the east. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.10P and as otherwise specified in this section, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 9.01).
  - D. Elimination of all populations in Delta County is required prior to seed development in 2048 and each year thereafter for all land outside the boundaries

of an area demarcated by (Area 1) the southern and eastern borders of Delta County, township line T15S on the north, range line R92W and State Highway 92 on the west, and (Area 2) the Grand Mesa National Forest border on the north, range line R94W on the west, State Highway 92 on the south, and range line R93W on the east. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.10P and as otherwise specified in this section, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 9.02).

- E. Elimination of all populations in Dolores County is required prior to seed development in 2018 and each year thereafter for all land outside the boundaries of an area demarcated by the northern, eastern, and southern borders of Dolores County and County Roads 31.0 and D on the west. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.10P and as otherwise specified in this section, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 9.03).
- F. Elimination of all populations in Grand County is required prior to seed development in 2018 and each year thereafter for all land outside the boundaries of an area demarcated by the northern and western borders of Grand County, Latitude 40°0'6.6"N on the south, and US Highway 40 and State Highway 125 on the east. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.10P and as otherwise specified in this section, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 9.04).
- G. Elimination of all populations in Gunnison County is required prior to seed development in 2018 and each year thereafter for all land outside the boundaries of an area demarcated by (Area 1) the northern and western borders of Gunnison County, Latitude 38°53'10"N on the south, and Longitude 107°10'55"W on the east; (Area 2) Latitude 38°56'3.5"N on the north, Longitude 107°1'53"W on the west, Latitude 38°51'7.2"N on the south, and Longitude 106°53'46"W and County Road 738 on the east; and (Area 3) western border of Gunnison County; State Highway 92 on the north; US Highway 50, and County Roads 25 (Blue Mesa Cutoff Road) and 25A (Willow Road) on the east; and Latitude 38°20'4"N on the south. Within these boundaries, all populations that are located within the

area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.10P and as otherwise specified in this section, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 9.05).

- H. Elimination of all populations in Huerfano County is required prior to seed development in 2018 and each year thereafter for all land outside the boundaries of an area demarcated by the western border of Huerfano County; Latitude 37°22'39.9"N and Dodgeton Creek on the south; State Highway 12, Ryus Avenue, County Roads 450, 451, 160, and 520 on the east; and County Road 5202, Dog Springs Arroyo, and Latitude 37°36'49.4"N on the north. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.10P and as otherwise specified in this section, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 9.06).
- I. Elimination of all populations in Mesa County is required prior to seed development in 2018 and each year thereafter for all land outside the boundaries of an area demarcated by (Area 1) the northern and eastern borders of Mesa County; Latitude 38°56'5"N on the south; and, Longitude 108° 18'47"W, US Interstate 70, Latitude 39° 14'57"N, and Longitude 108°41'15"W on the west; and (Area 2) the western border of Mesa County; township line T15S on the south; Longitude 108°40'37.7"W and JS.00 Road on the east; and Little Park Road (CS.00 Road) and DS.00 Road on the north. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream.. Except as specified in Part 4.7.10P and as otherwise specified in this section, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 9.07).
- J. Elimination of all populations in Moffat County is required prior to seed development in 2018 and each year thereafter for all land outside the boundaries of an area demarcated by the southern, eastern, and northern borders of Moffat County, and State Highway 13, US Highway 40, and the western border of Moffat County on the west. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in PART 4.7.10P and as otherwise specified in this section, for all land within the

area described above, suppression is the specified State management objective (see Rule 4.8, Figure 9.08).

- K. Elimination of all populations in Montrose County is required prior to seed development in 2018 and each year thereafter for all land outside the boundaries of an area demarcated by (Area1) US Highway 50 on the north, the eastern and southern borders of Montrose County, and US Highway 550 on the west; and (Area2) Latitude 38°19'55"N on the north, the eastern and southern borders of Montrose County, and Naturita Creek; and Longitude 108°30'0"W on the west. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.10P and as otherwise specified in this section, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 9.09).
  
- L. Elimination of all populations in Pueblo County is required prior to seed development in 2018 and each year thereafter for all land outside the boundaries of an area demarcated by (Area 1) the western and southern borders of Pueblo County; Longitude 104°38'38.5"W and Prairie Avenue on the east; and State Highway 96 on the north; (Area 2) Latitude 38°24'3.8"N, Gobatti Road, and Purcell Boulevard on the north; State Highway 45 on the west; US Highway 50 and State Highway 47 on the south; Baculite Mesa (503) Road and Longitude 104°32'51"W on the east; and (Area 3) DOT Test Road on the north; Longitude 104°27'28.4"W, State Highway 231, County Road 331, and 36th Lane on the west; Latitude 38°11'3"N, County Road 3325, and Grape Road on the south; 58th Lane, County Road 702, US Highway 50, State Highway 209 and 96, and County Road 601 on the east. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.10P and as otherwise specified in this section, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figures 9.10 and 9.11).
  
- M. Elimination of all populations in San Miguel County is required prior to seed development in 2018 and each year thereafter for all land outside the boundaries of an area demarcated by (Area 1) the southern border of San Miguel County; County Road 44Z on the west; County Road M44, 46M, and G49 on the north; and Longitude 108°4'7.5"W on the east; (Area 2) the eastern border of San Miguel County; State Highway 62 on the north; County Road 58P on the west; and County Road T60, State Highway 145 (Colorado Avenue), County Road K69, and Latitude 37°55'12.7"N on the south. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark

on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.10P and as otherwise specified in this section, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 9.12).

- N. Elimination of all populations in Summit County is required prior to seed development in 2018 and each year thereafter for all land outside the boundaries of an area demarcated by (Area 1) the northern border of Summit County, range line R81W on the west, township line T3S on the south, and range line R79W on the east; and (Area 2) the northern border of Summit County, range line R78W on the west, Interstate Highway 70 and township line T5S on the south, and range line R77W on the east. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in PART 4.7.10P and as otherwise specified in this section, for all land within the areas described above, suppression is the specified State management objective (see Rule 4.8, Figure 9.13).
- O. Except as specified in Part 4.7.10P and Part 4.7.10Q, suppression is the specified State management objective for all populations in Eagle, Garfield, Jefferson, La Plata, Larimer, Ouray, Pitkin, Rio Blanco, Routt, and San Juan Counties.
- P. All populations on public land in this state that are within 15 feet from the edge of any public road and any immediately adjacent area used for parking must be eliminated prior to seed development on an annual basis.
- Q. All populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and are within ¼-mile of the downstream boundary of the county, must be treated to meet the higher treatment requirement of the two counties by 2018, and each year thereafter. For the mainstem of the South Platte River where it forms the boundary between Douglas and Jefferson Counties, and the mainstem of the Rio Grande where it forms the boundary between Conejos and Costilla Counties, all populations need to be eliminated on both banks from the center of the mainstem river to 15 feet beyond the ordinary high water mark by 2018, and each year thereafter.
- R. The prescribed integrated management techniques for the eradication of designated populations are limited to the use of herbicides approved by the Commissioner and hand-pulling, digging, or other mechanical techniques approved by the Commissioner.



- S. Prescribed integrated management techniques do not include the use of any biocontrol agents, herbicides, cultural techniques or mechanical techniques other than those approved by the Commissioner.
  - T. Seed longevity is estimated to be at least three years. Infested sites must be monitored for at least four years after the populations have been eliminated and treatments must be repeated when necessary to prevent flowering and development of seed.
- 4.7.11 Perennial pepperweed (*Lepidium latifolium*). In addition to the requirements set forth in this Part 4 for the management of all List B species, the following conditions also apply for perennial pepperweed:
- A. Elimination of all populations is required prior to seed development in 2009 and each year thereafter in all Colorado counties except for Adams, Alamosa, Boulder, Broomfield, Chaffee, Conejos, Costilla, Crowley, Garfield, Gunnison, Huerfano, Jefferson, Larimer, Logan, Mesa, Moffat, Morgan, Pueblo, Rio Grande, Routt, Saguache, and Weld Counties.
  - B. Except as specified in Part 4.7.11V, elimination of all populations in Mesa County is required prior to seed development in 2012 and each year thereafter.
  - C. Elimination of all populations in Adams County is required prior to seed development in 2009 and each year thereafter for all land outside the boundaries of an area demarcated by the northern border of Adams County, Longitude 104° 48'34"W and Chambers Road on the east, and the southern and western borders of Adams County. Except as specified in Part 4.7.11V, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 10.01).
  - D. Elimination of all populations in Alamosa County is required prior to seed development in 2009 and each year thereafter for all land outside the boundaries of an area demarcated by the northern border of Alamosa County, Longitude 105° 36'4"W, and the southern and western borders of Alamosa County. Except as specified in Part 4.7.11V, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 10.02).
  - E. Elimination of all populations in Boulder County is required prior to seed development in 2009 and each year thereafter for all land outside the boundaries of an area demarcated by the northern, eastern, and southern borders of Boulder County, and State Highway 93 and US Highway 36 on the west. Except as specified in Part 4.7.11V, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 10.03).
  - F. Elimination of all populations in Chaffee County is required prior to seed development in 2009 and each year thereafter for all land outside the boundaries

of an area demarcated by Forest Service Road 255 on the north, a line drawn from northwest to southeast connecting Forest Service Road 255 to the Arkansas River, the Arkansas River, Longitude 105° 58'46"W, Latitude 38° 33'47"N, Longitude 105° 56'16"W, Latitude 38° 30'0"N, and Longitude 106° 7'31"W. Except as specified in Part 4.7.11V, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 10.04).

- G. Elimination of all populations in Costilla County is required prior to seed development in 2009 and each year thereafter for all land outside the boundaries of an area demarcated by Latitude 37° 29'55"N, Longitude 105° 18'48"W, Trinchera Creek on the east to Longitude 105°14'60"W, El Paso Creek and Culebra Creek on the south, State Highway 159, Latitude 37° 22'35"N, and Longitude 105° 29'55"W. Except as specified in Part 4.7.11V, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 10.05).
- H. Elimination of all populations in Crowley County is required prior to seed development in 2009 and each year thereafter for all land outside the boundaries of an area demarcated by the Colorado Canal Corridor and the Bob Creek waterway between the western border of Crowley County and the northern and western shorelines of Lake Meredith with a buffer zone extending ½ mile outward from all waterway edges. Except as specified in Part 4.7.11V, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 10.06).
- I. Elimination of all populations in Gunnison County is required prior to seed development in 2009 and each year thereafter for all land outside the boundaries of an area demarcated by Latitude 39° 0'8"N, Longitude 107° 18'47"W, Latitude 38° 52'27"N, and the western border of Gunnison County and of an area demarcated by Latitude 38° 37'36"N, Longitude 106° 52'3"W, Latitude 38° 29'58"N, Longitude 107° 0'0"W, Latitude 38° 26'15"N, and Longitude 107° 3'47"W. Except as specified in Part 4.7.11V, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 10.07).
- J. Elimination of all populations in Huerfano County is required prior to seed development in 2009 and each year thereafter for all land outside the boundaries of an area demarcated by the Huerfano River Watershed from its confluence with Muddy Creek upstream to the Huerfano River Headwaters and of an area demarcated by the Bear Creek Watershed from its confluence with the Cucharas River upstream to the Bear Creek Headwaters. Except as specified in Part 4.7.11V, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 10.08).
- K. Elimination of all populations in Jefferson County is required prior to seed development in 2009 and each year thereafter for all land south of Forest Service Road 560, Forest Service Road 211, and 126 Road. Except as specified in Part

4.7.11V, for all other land within the County, suppression is the specified State management objective (see Rule 4.8, Figure 10.09).

- L. Elimination of all populations in Larimer County is required prior to seed development in 2009 and each year thereafter for all land outside the boundaries of an area demarcated by Latitude 40° 37'30"N, the eastern and southern borders of Larimer County, and Longitude 105° 7'36"W. Except as specified in Part 4.7.11V, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 10.10).
- M. Elimination of all populations in Logan County is required prior to seed development in 2009 and each year thereafter for all land outside the boundaries of an area demarcated by Cedar Creek on the north, Longitude 103° 15'3"W, North Sterling Canal on the south, and the eastern edge of North Sterling Reservoir and of an area demarcated by State Highway 138 on the north, Longitude 102° 38'23"W to Harmony Ditch, Harmony Ditch and the southern edge of Julesburg Reservoir on the north, the eastern border of Logan County, US Interstate 76, and the southern border of Logan County. Except as specified in Part 4.7.11V, for all land the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 10.11).
- N. Elimination of all populations in Moffat County is required prior to seed development in 2009 and each year thereafter for all land outside the boundaries of an area demarcated by Latitude 40° 52'50"N, Longitude 108° 56'18"W, Latitude 40° 48'47"N, Longitude 108° 48'45"W, Latitude 40° 45'45"N, Longitude 108° 41'12"W, Latitude 40° 41'14"N, and the western border of Moffat County. Except as specified in Part 4.7.11V, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 10.12).
- O. Elimination of all populations in Morgan County is required prior to seed development in 2009 and each year thereafter for all land outside the boundaries of an area demarcated by the South Platte River corridor including the Fort Morgan Canal and the Sterling Canal from the eastern border of Morgan County upstream to the western border of Morgan County with a ½ mile buffer zone extending from all waterway edges. Except as specified in Part 4.7.11V, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 10.13).
- P. Elimination of all populations in Pueblo County is required prior to seed development in 2009 and each year thereafter for all land outside the boundaries of an area demarcated by the northern border of Pueblo County, Longitude 104° 33'35"W, US Highway 50, the eastern border of Pueblo County, Latitude 38° 3'44"N, Longitude 104° 7'27"W, Latitude 38° 7'37"N, Longitude 104° 18'49"W, Latitude 38° 11'25"N, the Saint Charles River, Longitude 104° 41'20"W, US Highway 50, and US Interstate 25. Except as specified in Part 4.7.11V, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 10.14).

- Q. Elimination of all populations in Rio Grande County is required prior to seed development in 2009 and each year thereafter for all land west of Longitude 106° 26'16"W. Except as specified in Part 4.7.11V, for all other land within the county, suppression is the specified State management objective (see Rule 4.8, Figure 10.15).
- R. Elimination of all populations in Routt County is required prior to seed development in 2009 and each year thereafter for all land outside the boundaries of an area demarcated by Latitude 40° 33'45"N, Longitude 107° 7'29"W, Latitude 40° 29'59"N, and Longitude 107° 15'1"W and of an area demarcated by Latitude 40° 26'13"N, Longitude 107° 7'29"W, Latitude 40° 22'29"N, and Longitude 107° 11'11"W and of an area demarcated by Latitude 40° 26'20"N, Longitude 107° 18'44"W, Latitude 40° 22'32"N, and Longitude 107° 22'28"W. Except as specified in Part 4.7.11V, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 10.16).
- S. Elimination of all populations in Saguache County is required prior to seed development in 2009 and each year thereafter for all land outside the boundaries of an area demarcated by State Highway 114, US Highway 285, County Road GG, San Luis Creek, the southern border of Saguache County, Longitude 106° 22'29"W, Latitude 37° 52'33"N, and Longitude 106° 14'59"W. Except as specified in Part 4.7.11V, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 10.17).
- T. Elimination of all populations in Weld County is required prior to seed development in 2009 and each year thereafter for all land outside the boundaries of an area demarcated by State Highway 392, State Highway 263, State Highway 37 until it intersects the South Platte River, the South Platte River on the north with a buffer zone extending ½ mile from its northern edge, the eastern border of Weld County, US Highway 34, US Highway 85, and the southern and western borders of Weld County. Except as specified in Part 4.7.11V, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 10.18).
- U. Except as specified in Part 4.7.11V, suppression is the State management objective for all populations in Broomfield, Conejos, and Garfield counties.
- V. All populations on public land in this state that are within 15 feet from the edge of any public road and any immediately adjacent area used for parking must be eliminated prior to seed development on an annual basis.
- W. The prescribed integrated management techniques for the eradication of designated populations are limited to the use of herbicides approved by the Commissioner.
- X. Prescribed integrated management techniques do not include the use of any biocontrol agents, herbicides, cultural techniques or mechanical techniques other than those approved by the Commissioner.

- Y. Seed longevity is estimated to be at least ten years. Infested sites must be monitored for at least ten years after the populations have been eliminated and treatments must be repeated when necessary to prevent flowering and development of seed.
- 4.7.12. Dalmatian toadflax (*Linaria dalmatica* and *Linaria genistifolia*). In addition to the requirements set forth in this Part 4 for the management of all List B species, the following conditions also apply for Dalmatian toadflax:
- A. Elimination of all populations is required prior to seed development in 2011 and each year thereafter in all Colorado counties except for Adams, Arapahoe, Boulder, Broomfield, Chaffee, Dolores, Douglas, Eagle, Garfield, La Plata, Lake, Larimer, Mesa, Moffat, Routt, Summit, and Weld Counties.
  - B. Elimination of all populations in Adams County is required prior to seed development in 2011 and each year thereafter for all land outside the boundaries of an area demarcated by the northern border of Adams County, US Highway 85, Interstate 76, Interstate 25, and the southern and western borders of Adams County. Except as specified in Part 4.7.12T, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 11.01).
  - C. Elimination of all populations in Arapahoe County is required prior to seed development in 2011 and each year thereafter for all land outside the boundaries of an area demarcated by East Belleview Avenue, the northern edge of Cherry Creek Lake, East Quincy Avenue, Toll Road C470 on the east, the southern border of Arapahoe County, and South Yosemite Street on the west. Except as specified in Part 4.7.12T, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 11.02).
  - D. Elimination of all populations in Boulder County is required prior to seed development in 2011 and each year thereafter for all land outside the boundaries of an area demarcated by the northern, eastern, and southern borders of Boulder County, and Longitude 105°22'33"W. Except as specified in Part 4.7.12T, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 11.03).
  - E. Elimination of all populations in Broomfield County is required prior to seed development in 2011 and each year thereafter for all land outside the boundaries of an area demarcated by 160<sup>th</sup> Ave, and the eastern, southern, and western borders of Broomfield County. Except as specified in Part 4.7.12T, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 11.04).
  - F. Elimination of all populations in Chaffee County is required prior to seed development in 2011 and each year thereafter for all land outside the boundaries of an area demarcated by Latitude 38°52'30"N, the Arkansas River, Latitude

38°41'10"N, and Longitude 106°15'4"W. Except as specified in Part 4.7.12T, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 11.05).

- G. Elimination of all populations in Dolores County is required prior to seed development in 2011 and each year thereafter for all land outside the boundaries of an area demarcated by the northern border of Dolores County, the Dolores River, the southern border of Dolores County and Latitude 37°37'53"N, and the western border of Dolores County. Except as specified in Part 4.7.12T, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 11.06).
- H. Elimination of all populations in Douglas County is required prior to seed development in 2011 and each year thereafter for all land outside the boundaries of an area demarcated by the northern border of Douglas County, Colorado Boulevard, County Hwy 36, Latitude 39°29'57"N, and the western border of Douglas County and of an area demarcated by East Parker Road, the eastern border of Douglas County, Singing Hills Road, North Flintwood Road, South Pinery Parkway and East Democrat Road, and State Highway 83. Except as specified in Part 4.7.12T, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 11.07).
- I. Elimination of all populations in Eagle County is required prior to seed development in 2011 and each year thereafter for all land outside the boundaries of an area demarcated by Latitude 39°45'1"N, the eastern border of Eagle County, Latitude 39°26'2"N, Longitude 106°26'19"W, Latitude 39°33'39"N, and the eastern border of Eagle County. Except as specified in Part 4.7.12T, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 11.08).
- J. Elimination of all populations in Garfield County is required prior to seed development in 2011 and each year thereafter for all land outside the boundaries of an area demarcated by Latitude 39°37'30"W, Longitude 107°19'51"W, the Roaring Fork River, Latitude 39°26'7"N until the East Divide Creek on the south, the Divide Creek, and Longitude 107°37'16"W. Except as specified in Part 4.7.12T, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 11.09).
- K. Elimination of all populations in La Plata County is required prior to seed development in 2011 and each year thereafter for all land outside the boundaries of an area demarcated by Latitude 37°18'44"N, Longitude 108°0'2"W, Latitude 37°15'2"N, and Longitude 108°3'43"W and of an area demarcated by County Highway 240, the Florida River, and US Highway 160. Except as specified in Part 4.7.12T, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 11.10).

- L. Elimination of all populations in Lake County is required prior to seed development in 2011 and each year thereafter for all land outside the boundaries of an area demarcated by State Highway 91, Longitude 106°14'60"W, and County Road 3. Except as specified in Part 4.7.12T, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 11.11).
- M. Elimination of all populations in Larimer County is required prior to seed development in 2011 and each year thereafter for all land outside the boundaries of an area demarcated by the northern, eastern, and southern borders of Larimer County, the Rocky Mountain National Park Boundary on the west, and Longitude 105°37'31"W. Except as specified in Part 4.7.12T, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 11.12).
- N. Elimination of all populations in Mesa County is required prior to seed development in 2011 and each year thereafter for all land outside the boundaries of an area demarcated by State Highway 330, 58 ½ Road, 59 Road, Forest Service Road 121, Latitude 39°3'36"N, and Longitude 108°11'16"W. Except as specified in Part 4.7.12T, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 11.13).
- O. Elimination of all populations in Moffat County is required prior to seed development in 2011 and each year thereafter for all land outside the boundaries of an area demarcated by the Big Gulch, Latitude 40°37'26"N, the eastern and southern borders of Moffat County, County Highway 51, and State Highway 17. Except as specified in Part 4.7.12T, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 11.14).
- P. Elimination of all populations in Routt County is required prior to seed development in 2011 and each year thereafter for all land outside the boundaries of an area demarcated by Latitude 40°37'26"N, Longitude 106°59'17"W until it intersects with Trout Creek, Trout Creek on the east until the confluence with Fish Creek, Fish Creek on the east, and the southern and western borders of Routt County. Except as specified in Part 4.7.12T, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 11.15).
- Q. Elimination of all populations in Summit County is required prior to seed development in 2011 and each year thereafter for all land outside the boundaries of an area demarcated by Latitude 39°40'57"N, Longitude 105°56'12"W, Latitude 39°33'47"N, and Longitude 106°7'31"W. Except as specified in Part 4.7.12T, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 11.16).

- R. Elimination of all populations in Weld County is required prior to seed development in 2011 and each year thereafter for all land outside the boundaries of an area demarcated by the northern border of Weld County, Longitude 104°37'27"W, Latitude 40°52'17"N, and the western border of Weld County. Except as specified in Part 4.7.12T, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 11.17).
  - S. Except as specified in Part 4.7.12T, suppression is the specified State management objective for all populations in Denver and Jefferson Counties.
  - T. All populations on public land in this state that are within 15 feet from the edge of any public road and any immediately adjacent area used for parking must be eliminated prior to seed development on an annual basis.
  - U. The prescribed integrated management techniques for the eradication of designated populations are limited to the use of herbicides approved by the Commissioner and hand-pulling, digging, or other mechanical techniques approved by the Commissioner.
  - V. Prescribed integrated management techniques do not include the use of any biocontrol agents, herbicides, cultural techniques or mechanical techniques other than those approved by the Commissioner.
  - W. Seed longevity is estimated to be at least ten years. Infested sites must be monitored for at least ten years after the populations have been eliminated and treatments must be repeated when necessary to prevent flowering and development of seed.
- 4.7.13. Leafy spurge (*Euphorbia esula*). In addition to the requirements set forth in this Part 4 for the management of all List B species, the following conditions also apply for leafy spurge:
- A. Elimination of all populations is required prior to seed development in 2011 and each year thereafter in all Colorado counties except for Adams, Arapahoe, Archuleta, Boulder, Delta, Dolores, El Paso, Fremont, Garfield, Grand, Huerfano, La Plata, Larimer, Logan, Moffat, Morgan, Ouray, Park, Pitkin, Pueblo, Rio Blanco, Routt, Saguache, Sedgwick, Summit, Teller, and Weld Counties.
  - B. Elimination of all populations in Adams County is required prior to seed development in 2011 and each year thereafter for all land outside the boundaries of an area demarcated by the northern border of Adams County, Himalaya Street, East 152<sup>nd</sup> Avenue, Picadilly Road, 128<sup>th</sup> Avenue, Tower Road, and the southern and western borders of Adams County and of an area demarcated by East 88<sup>th</sup> Avenue, Kiowa Creek, and the southern border of Adams County. Except as specified in Part 4.7.13AD and in Part 4.7.13AE, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 12.01).



- C. Elimination of all populations in Arapahoe County is required prior to seed development in 2011 and each year thereafter for all land outside the boundaries of an area demarcated by the northern border of Arapahoe County, Kiowa Creek, and the southern and western borders of Arapahoe County. Except as specified in Part 4.7.13AD and in Part 4.7.13AE, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 12.02).
- D. Elimination of all populations in Archuleta County is required prior to seed development in 2011 and each year thereafter for all land outside the boundaries of an area demarcated by West US Highway 160, US Highway 84, and Latitude 37°15'1"N. Except as specified in Part 4.7.13AD and in Part 4.7.13AE, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 12.03).
- E. Elimination of all populations in Boulder County is required prior to seed development in 2011 and each year thereafter for all land outside the boundaries of an area demarcated by the northern, eastern, and southern borders of Boulder County and State Highway 72 and State Highway 7 on the west. Except as specified in Part 4.7.13AD and in Part 4.7.13AE, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 12.04).
- F. Elimination of all populations in Delta County is required prior to seed development in 2011 and each year thereafter for all land outside the boundaries of an area demarcated by State Highway 133, the eastern border of Delta County, and Latitude 38°48'46"N. Except as specified in Part 4.7.13AD and in Part 4.7.13AE, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 12.05).
- G. Elimination of all populations in Dolores County is required prior to seed development in 2011 and each year thereafter for all land outside the boundaries of an area demarcated by Latitude 37°48'44"N, Longitude 108°33'47"W, Latitude 37°41'9"N, and Longitude 108°41'18"W. Except as specified in Part 4.7.13AD and in Part 4.7.13AE, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 12.06).
- H. Elimination of all populations in El Paso County is required prior to seed development in 2011 and each year thereafter for all land outside the boundaries of an area demarcated by the northern border of El Paso County, Longitude 104°39'38"W, Latitude 39°3'42"W, and the western border of El Paso County and of an area demarcated by US Highway 24, the northern and eastern borders of El Paso County, and Harrisville Road. Except as specified in Part 4.7.13AD and in Part 4.7.13AE, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 12.07).
- I. Elimination of all populations in Fremont County is required prior to seed development in 2011 and each year thereafter for all land outside the boundaries

of an area demarcated by the northern border of Fremont County, State Highway 9, State Highway 2, and Longitude 105°37'29"W and of an area demarcated by the Tallahassee Creek Watershed from the headwaters downstream until the confluence of Tallahassee Creek with the Arkansas River. Except as specified in Part 4.7.13AD and in Part 4.7.13AE, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 12.08).

- J. Elimination of all populations in Garfield County is required prior to seed development in 2011 and each year thereafter for all land outside the boundaries of an area demarcated by Interstate 70, Longitude 108°3'45"W, and the southern border of Garfield County. Except as specified in Part 4.7.13AD and in Part 4.7.13AE, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 12.09).
- K. Elimination of all populations in Grand County is required prior to seed development in 2011 and each year thereafter for all land outside the boundaries of an area demarcated by the Colorado River until it intersects with US Highway 40, US Highway 40 on the east, Forest Service Road 139, the Williams Fork River, the eastern edge of Williams Fork Reservoir, and the Williams Fork River. Except as specified in Part 4.7.13AD and in Part 4.7.13AE, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 12.10).
- L. Elimination of all populations in Huerfano County is required prior to seed development in 2011 and each year thereafter for all land outside the boundaries of an area demarcated by Latitude 37°52'29"N, Forest Service Road 630, State Highway 69, and Forest Service Road 634 and of an area demarcated by US Highway 160, Longitude 104°56'25"W, County Highway 350, State Highway 12, Forest Service Road 421, and Longitude 105°7'32"W and of an area demarcated by Latitude 37°45'1"N, Highway 550, Highway 570, Highway 572, Latitude 37°41'16"N, and Longitude 105°18'45"W. Except as specified in Part 4.7.13AD and in Part 4.7.13AE, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 12.11).
- M. Elimination of all populations in La Plata County is required prior to seed development in 2011 and each year thereafter for all land outside the boundaries of an area demarcated by the Cherry Creek and La Plata River watershed downstream from the headwaters of each until the confluence of the La Plata River with Long Hollow. Except as specified in Part 4.7.13AD and in Part 4.7.13AE, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 12.12).
- N. Elimination of all populations in Larimer County is required prior to seed development in 2011 and each year thereafter for all land outside the boundaries of an area demarcated by the northern, eastern and southern border of Larimer County, the Rocky Mountain National Park boundary on the west, and Longitude 105°41'13"W. Except as specified in Part 4.7.13AD and in Part 4.7.13AE, for all

land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 12.13).

- O. Elimination of all populations in Logan County is required prior to seed development in 2011 and each year thereafter for all land outside the boundaries of an area demarcated by North Sterling Canal, Pawnee Creek, Highway 138, the eastern border of Logan County, Interstate 76, and the southern border of Logan County. Except as specified in Part 4.7.13AD and in Part 4.7.13AE, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 12.14).
- P. Elimination of all populations in Moffat County is required prior to seed development in 2011 and each year thereafter for all land outside the boundaries of an area demarcated by the northern border of Moffat County, Longitude 107°51'22"W, Latitude 40°56'18"N, Longitude and 108°0'3"W, and of an area demarcated by the northern border of Moffat County, Longitude 107°26'16"W, Latitude 40°41'18"N, the eastern border of Moffat County, the Williams Fork River, Mariposa Creek, the southern border of Moffat County, County Highway 51, State Highway 17, US Highway 40, County Road 193, State Highway 13, Latitude 40°41'18"N, Longitude 107°33'45"W, and State Highway 13 on the west and of an area demarcated by Latitude 40°33'47"N, Longitude 108°37'32"W, Latitude 40°29'59"N, and Longitude 108°41'17"W and of an area demarcated by State Highway 318, Longitude 108°59'54"W, and the western border of Moffat County. Except as specified in Part 4.7.13AD and in Part 4.7.13AE, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 12.15).
- Q. Elimination of all populations in Morgan County is required prior to seed development in 2011 and each year thereafter for all land outside the boundaries of an area demarcated by the Riverside Canal on the north, Latitude 40°24'21"N, the eastern border of Morgan County, the Lower Platte and Beaver Ditch on the south, the Fort Morgan Canal, Bijou Creek, Bijou Canal, and the western border of Morgan County. Except as specified in Part 4.7.13AD and in Part 4.7.13AE, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 12.16).
- R. Elimination of all populations in Ouray County is required prior to seed development in 2011 and each year thereafter for all land outside the boundaries of an area demarcated by Dallas Creek on the north, Longitude 107°44'57"W, Latitude 38°3'45"N, and Dallas Creek on the west. Except as specified in Part 4.7.13AD and in Part 4.7.13AE, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 12.17).
- S. Elimination of all populations in Park County is required prior to seed development in 2011 and each year thereafter for all land outside the boundaries of an area demarcated by Latitude 38°56'13"N, Bike Mountain Road, State Highway 98, and Longitude 102°26'15"W. Except as specified in Part 4.7.13AD

and in Part 4.7.13AE, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 12.18).

- T. Elimination of all populations in Pitkin County is required prior to seed development in 2011 and each year thereafter for all land outside the boundaries of an area demarcated by the northern border of Pitkin County, Longitude 106°45'1"W, Latitude 39°9'57"N, Capitol Creek, and State Highway 82.. Except as specified in Part 4.7.13AD and in Part 4.7.13AE, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 12.19).
- U. Elimination of all populations in Pueblo County is required prior to seed development in 2011 and each year thereafter for all land outside the boundaries of an area demarcated by Latitude 38°11'21"N, Longitude 104°52'22"W, and the southern and western border of Pueblo County. Except as specified in Part 4.7.13AD and in Part 4.7.13AE, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 12.20).
- V. Elimination of all populations in Rio Blanco County is required prior to seed development in 2011 and each year thereafter for all land outside the boundaries of an area demarcated by the northern border of Rio Blanco County, Longitude 107°33'40"W, Latitude 39°56'11"N, Flag Creek, Latitude 39°59'59"N, County Highway 5, Latitude 40°3'39"N, and Longitude 105°52'31"W. Except as specified in Part 4.7.13AD and in Part 4.7.13AE, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 12.21).
- W. Elimination of all populations in Routt County is required prior to seed development in 2011 and each year thereafter for all land outside the boundaries of an area demarcated by Latitude 40°41'18"N, Longitude 107°11'11"W, County Road 29 until it intersects with the East Fork of the Williams Fork River, the East Fork of the Williams Fork River on the south, and the western border of Routt County. Except as specified in Part 4.7.13AD and in Part 4.7.13AE, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 12.22).
- X. Elimination of all populations in Saguache County is required prior to seed development in 2011 and each year thereafter for all land outside the boundaries of an area demarcated by County Road GG, County Road 65, County Road DD, County Road 64, County Road CC, County Road 62, County Road AA, and the San Luis Creek and of an area demarcated by Latitude 38°7'29"N, Longitude 106°7'28"W, Latitude 38°3'32"N, and Longitude 106°11'13"W. Except as specified in Part 4.7.13AD and in Part 4.7.13AE, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 12.23).

- Y. Elimination of all populations in Sedgwick County is required prior to seed development in 2011 and each year thereafter for all land outside the boundaries of an area demarcated by Highway 138 until it intersects with the county border, the northern border of Sedgwick County, Interstate 76, and the western border of Sedgwick County. Except as specified in Part 4.7.13AD and in Part 4.7.13AE, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 12.24).
- Z. Elimination of all populations in Summit County is required prior to seed development in 2011 and each year thereafter for all land outside the boundaries of an area demarcated by Latitude 39°41'15"N, Longitude 105°59'60"W, Latitude 39°30'0"N, and Longitude 106°7'30"W. Except as specified in Part 4.7.13AD and in Part 4.7.13AE, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 12.25).
- AA. Elimination of all populations in Teller County is required prior to seed development in 2011 and each year thereafter for all land outside the boundaries of an area demarcated by Latitude 39°0'2"N, Longitude 105°7'32"W, US Highway 24, and Longitude 105°15'1"W. Except as specified in Part 4.7.13AD and in Part 4.7.13AE, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 12.26).
- AB. Elimination of all populations in Weld County is required prior to seed development in 2011 and each year thereafter for all land outside the boundaries of an area demarcated by County Highway Road 100, US Highway 85 until it intersects with Highway 64, Highway 64 and County Road 64, Crow Creek, the South Platte River Watershed from the convergence with Crow Creek until the eastern border of Weld County, the eastern border of Weld County, US Highway 34, US Highway 85, and the southern and western borders of Weld County. Except as specified in Part 4.7.13AD and in Part 4.7.13AE, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 12.27).
- AC. Except as specified in Part 4.7.13AD and in Part 4.7.13AE, suppression is the specified State management objective for all populations in Broomfield, Denver, Douglas, and Jefferson.
- AD. All populations on public land in this state that are within 15 feet from the edge of any public road and any immediately adjacent area used for parking must be eliminated prior to seed development on an annual basis.
- AE. All populations in this state that are within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks must be eliminated prior to seed development in 2011 and each year thereafter.
- AF. The prescribed integrated management techniques for the eradication of designated populations are limited to the use of herbicides approved by the

Commissioner and digging, or other mechanical techniques approved by the Commissioner.

- AG. Prescribed integrated management techniques do not include the use of any biocontrol agents, herbicides, cultural techniques or mechanical techniques other than those approved by the Commissioner.
- AH. Seed longevity is estimated to be at least 8 years. Infested sites must be monitored for at least 8 years after the populations have been eliminated and treatments must be repeated when necessary to prevent flowering and development of seed.

4.7.14. Spurred anoda (*Anoda cristata*). Removed from this Rule in 2014.

4.7.15. Venice mallow (*Hibiscus trionum*). Removed from this Rule in 2014.

4.7.16. Hoary cress (*Cardaria draba*). In addition to the requirements set forth in this Part 4 for the management of all List B species, the following conditions also apply for hoary cress:

- A. Elimination of all populations is required prior to seed development in 2012 and each year thereafter in all Colorado counties except for Adams, Arapahoe, Archuleta, Boulder, Chaffee, El Paso, Fremont, Grand, Kiowa, La Plata, Larimer, Logan, Morgan, Park, Pitkin, Pueblo, Saguache, Summit, and Weld Counties and those counties specified in Part 4.7.16U.
- B. Elimination of all populations in Adams County is required prior to seed development in 2012 and each year thereafter for all land outside the boundaries of an area demarcated by the northern border of Adams County, Longitude 104°42'67"W, and the southern and western borders of Adams County. Except as specified in Part 4.7.16V and in Part 4.7.16W, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 13.01).
- C. Elimination of all populations in Arapahoe County is required prior to seed development in 2012 and each year thereafter for all land outside the boundaries of an area demarcated by the northern border of Arapahoe County, State Highway 88 on the south, and US Highway 85 on the west and of an area demarcated by the northern border of Arapahoe County, West Sand Creek on the east, Latitude 39° 41'13"N, and Watkins Road on the west. Except as specified in Part 4.7.16V and in Part 4.7.16W, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 13.02).
- D. Elimination of all populations in Archuleta County is required prior to seed development in 2012 and each year thereafter for all land outside the boundaries of an area demarcated by Latitude 37° 18'45"N, US Highways 160 and 84 on the east, Latitude 37° 11'15"N, Longitude 107°7'29"W, and Martinez Creek on the west. Except as specified in Part 4.7.16V and in Part 4.7.16W, for all land within

the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 13.03).

- E. Elimination of all populations in Boulder County is required prior to seed development in 2012 and each year thereafter for all land outside the boundaries of an area demarcated by the northern, eastern, and southern borders of Boulder County and Longitude 105° 22'28"W. Except as specified in Part 4.7.16V and in Part 4.7.16W, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 13.04).
- F. Elimination of all populations in Chaffee County is required prior to seed development in 2012 and each year thereafter for all land outside the boundaries of an area demarcated by Latitude 38° 41'15"N, the Arkansas River on the east, Latitude 38° 37'30"N, and Longitude 106° 7'31"W and of an area demarcated by Latitude 38° 33'47"N, State Highway 291 on the east until it intersects with the Arkansas River, the Arkansas River, South Arkansas Creek, and Methodist Mountain Road on the east, Latitude 38° 30'0"N, and Longitude 106° 11'17"W. Except as specified in Part 4.7.16V and in Part 4.7.16W, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 13.05).
- G. Elimination of all populations in El Paso County is required prior to seed development in 2012 and each year thereafter for all land outside the boundaries of an area demarcated by US Highway 24 on the east, Latitude 38° 52'30"N, and the western border of El Paso County and of an area demarcated by Latitude 38° 44'60"N, Jimmy Camp Creek on the east, Little Fountain Creek on the south, and Longitude 104° 45'4"W. Except as specified in Part 4.7.16V and in Part 4.7.16W, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 13.06).
- H. Elimination of all populations in Fremont County is required prior to seed development in 2012 and each year thereafter for all land outside the boundaries of an area demarcated by Latitude 38° 29'59"N, the eastern and southern borders of Fremont County, and Longitude 105° 15'1"W. Except as specified in Part 4.7.16V and in Part 4.7.16W, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 13.07).
- I. Elimination of all populations in Grand County is required prior to seed development in 2012 and each year thereafter for all land outside the boundaries of an area demarcated by Latitude 40° 18'44"N, Longitude 106° 22'30"W, Latitude 40° 11'12"N, and Longitude 106° 29'59"W and of an area demarcated by Latitude 40° 0'1"N, Longitude 106° 18'45"W, the southern border of Grand County, and Longitude 106° 22'32"W and of an area demarcated by the Colorado River on the west, Longitude 106° 30'0"W, and the southern border of Grand County. Except as specified in Part 4.7.16V and in Part 4.7.16W, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 13.08).

- J. Elimination of all populations in Kiowa County is required prior to seed development in 2012 and each year thereafter for all land outside the boundaries of an area demarcated by the northern border of Kiowa County, County Road 72 on the east, County Roads W, 71, and Y on the south, and County Roads 67, AA, and 69 on the west. Except as specified in Part 4.7.16V and in Part 4.7.16W, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 13.09).
- K. Elimination of all populations in La Plata County is required prior to seed development in 2012 and each year thereafter for all land outside the boundaries of an area demarcated by the US Highway 160 on the north, Latitude 37° 18'47"N, the Florida River until it intersects with US Highway 160, US Highway 160 on the North, the eastern and southern borders of La Plata County, and La Plata River and Cherry Creek on the west. Except as specified in Part 4.7.16V and in Part 4.7.16W, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 13.10).
- L. Elimination of all populations in Larimer County is required prior to seed development in 2012 and each year thereafter for all land outside the boundaries of an area demarcated by the northern, eastern, and southern borders of Larimer County, Longitude 105° 18'42"W, the Big Thompson River, and Longitude 105° 11'17"W. Except as specified in Part 4.7.16V and in Part 4.7.16W, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 13.11).
- M. Elimination of all populations in Logan County is required prior to seed development in 2012 and each year thereafter for all land outside the boundaries of an area demarcated by County Road 46 and US Highway 138 on the north, State Highway 55 on the east, Interstate 76 and US Highway 6 on the south, and County Roads 41, 38, 37.5, 42.5, and 37 on the west. Except as specified in Part 4.7.16V and in Part 4.7.16W, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 13.12).
- N. Elimination of all populations in Morgan County is required prior to seed development in 2012 and each year thereafter for all land outside the boundaries of an area demarcated by the northern and eastern border of Morgan County, US Highways 34 and 6 and Interstate 76 on the south, and the western border of Morgan County. Except as specified in Part 4.7.16V and in Part 4.7.16W, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 13.13).
- O. Elimination of all populations in Park County is required prior to seed development in 2012 and each year thereafter for all land outside the boundaries of an area demarcated by Latitude 38° 48'55"N, State Highway 9 on the east, County Road 88 and Forest Service Roads 107, 265, and 269 on the south, and Longitude 105° 44'60"W. Except as specified in Part 4.7.16V and in Part



4.7.16W, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 13.14).

- P. Elimination of all populations in Pitkin County is required prior to seed development in 2012 and each year thereafter for all land outside the boundaries of an area demarcated by the northern border of Pitkin County, Longitude 106° 48'46"W, Latitude 39° 11'15"N, and Longitude 107° 7'33"W. Except as specified in Part 4.7.16V and in Part 4.7.16W, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 13.15).
- Q. Elimination of all populations in Pueblo County is required prior to seed development in 2012 and each year thereafter for all land outside the boundaries of an area demarcated by the northern and eastern borders of Pueblo County, Latitude 38° 7'35"N, and the western border of Pueblo County and of an area demarcated by Latitude 37° 59'58"N, Longitude 104° 45'3"W, the southern border of Pueblo County, and Longitude 104° 52'29"W. Except as specified in Part 4.7.16V and in Part 4.7.16W, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 13.16).
- R. Elimination of all populations in Saguache County is required prior to seed development in 2012 and each year thereafter for all land outside the boundaries of an area demarcated by Forest Service Roads 852, 862 and 970 and County Road LL57 on the north, Longitude 105° 52'33"W, County Roads CC, 64, and U60 and State Highway 17 on the east, the southern border of Saguache County, Rio Grande Canal on the west until it intersects with US Highway 285, US Highway 285, State Highway 114, and Forest Service Road 852 on the west. Except as specified in Part 4.7.16V and in Part 4.7.16W, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 13.17).
- S. Elimination of all populations in Summit County is required prior to seed development in 2012 and each year thereafter for all land outside the boundaries of an area demarcated by the northern border of Summit County, Longitude 106° 18'45"W, Latitude 39° 52'29"N, and Longitude 106° 23'32"W. Except as specified in Part 4.7.16V and in Part 4.7.16W, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 13.18).
- T. Elimination of all populations in Weld County is required prior to seed development in 2012 and each year thereafter for all land outside the boundaries of an area demarcated by County Road 74 on the north, the eastern border of Weld County, Interstate 76 and the southern and western borders of Weld County. Except as specified in Part 4.7.16V and in Part 4.7.16W, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 13.19).

- U. Except as specified in Part 4.7.16V and in Part 4.7.16W, suppression is the specified State management objective for all populations in Alamosa, Broomfield, Conejos, Delta, Denver, Eagle, Garfield, Gunnison, Jefferson, Mesa, Moffat, Ouray, Rio Grande, Routt, and San Miguel Counties.
- V. All populations on public land in this state that are within 15 feet from the edge of any public road and any immediately adjacent area used for parking must be eliminated prior to seed development on an annual basis.
- W. All populations in this state that are within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks must be eliminated prior to seed development in 2012 and each year thereafter.
- X. The prescribed integrated management techniques for the eradication of designated populations are limited to the use of herbicides approved by the Commissioner and hand-pulling, digging, or other mechanical techniques approved by the Commissioner.
- Y. Prescribed integrated management techniques do not include the use of any biocontrol agents, herbicides, cultural techniques or mechanical techniques other than those approved by the Commissioner.
- Z. Seed longevity is estimated to be at least three years. Infested sites must be monitored for at least three years after the populations have been eliminated and treatments must be repeated when necessary to prevent flowering and development of seed.

4.7.17. Russian knapweed (*Centaurea repens*). In addition to the requirements set forth in this Part 4 for the management of all List B species, the following conditions also apply for Russian knapweed:

- A. Elimination of all populations is required prior to seed development in 2012 and each year thereafter in all Colorado counties except for Archuleta, Boulder, Chaffee, Fremont, Kiowa, Larimer, Las Animas, Moffat, Morgan, Ouray, Pitkin, Pueblo, Saguache, and Weld Counties and those counties specified in Part 4.7.17P.
- B. Elimination of all populations in Archuleta County is required prior to seed development in 2012 and each year thereafter for all land outside the boundaries of an area demarcated by Forest Service Road 662 on the north, Longitude 106° 56'13"W, and US Highway 84 on the west and of an area demarcated by Latitude 37° 3'48"N, Longitude 107° 18'44"W, and the southern and western borders of Archuleta County. Except as specified in Part 4.7.17Q and in Part 4.7.17R, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 14.01).

- C. Elimination of all populations in Boulder County is required prior to seed development in 2012 and each year thereafter for all land outside the boundaries of an area demarcated by the northern, eastern, and southern borders of Boulder County, and US Highway 36 on the west. Except as specified in Part 4.7.17Q and in Part 4.7.17R, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 14.02).
- D. Elimination of all populations in Chaffee County is required prior to seed development in 2012 and each year thereafter for all land outside the boundaries of an area demarcated by Latitude 38° 41'16"N, Longitude 105° 59'60"W, Latitude 38° 33'45"N, Longitude 105° 56'16"W, the eastern border of Chaffee County, Latitude 38° 29'58"N, and Longitude 106° 7'31"W. Except as specified in Part 4.7.17Q and in Part 4.7.17R, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 14.03).
- E. Elimination of all populations in Fremont County is required prior to seed development in 2012 and each year thereafter for all land outside the boundaries of an area demarcated by US Highway 50 on the north, Longitude 105° 33'42"W, the southern border of Fremont County, and Longitude 105° 37'30"W and of an area demarcated by Tallahassee Creek, US Highway 50, and County Road 441B on the north, Fourmile Creek on the east, Grape Creek on the South, Latitude 38° 22'29"N, and Longitude 105°30'0"W and of an area demarcated by Latitude 38° 30'3"N, the eastern and southern borders of Fremont County, Hardscable creek on the west, and Longitude 105° 3'46"W. Except as specified in Part 4.7.17Q and in Part 4.7.17R, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 14.04).
- F. Elimination of all populations in Kiowa County is required prior to seed development in 2012 and each year thereafter for all land outside the boundaries of an area demarcated by County Road U on the north, County Road 33 on the east, County Roads N, 27, and M on the south, and County Roads 25.30, P, and H on the west. Except as specified in Part 4.7.17Q and in Part 4.7.17R, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 14.05).
- G. Elimination of all populations in Larimer County is required prior to seed development in 2012 and each year thereafter for all land outside the boundaries of an area demarcated by the northern, eastern, and southern borders of Larimer County, US Highway 36 on the west, and Longitude 105° 22'33"W. Except as specified in Part 4.7.17Q and in Part 4.7.17R, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 14.06).
- H. Elimination of all populations in Las Animas County is required prior to seed development in 2012 and each year thereafter for all land outside the boundaries of an area demarcated by Van Bremer Arroyo on the north, US Highway 350,

County Road 54 on the north, County Roads 107, 48, 107.7, and 107 on the east, County Roads 40 and 40.9 on the south, and Longitude 104° 18'47"N. Except as specified in Part 4.7.17Q and in Part 4.7.17R, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 14.07).

- I. Elimination of all populations in Moffat County is required prior to seed development in 2012 and each year thereafter for all land outside the boundaries of an area demarcated by the northern border of Moffat County, County Road 10N, State Highway 318 until it intersects with the Yampa River, the Yampa River, US Highway 40 on the south, and the western border of Moffat County and of an area demarcated the northern and eastern borders of Moffat County, Elkhead Creek, State Highway 13 and County Road 45 on the east, the southern border of Moffat County, County Roads 51, 32, 55, 17 on the west and US Highway 40, County Roads 7 and 183, and State Highway 13 on the west. Except as specified in Part 4.7.17Q and in Part 4.7.17R, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 14.08).
- J. Elimination of all populations in Morgan County is required prior to seed development in 2012 and each year thereafter for all land outside the boundaries of an area demarcated by the Riverside Canal on the north until it intersects with State Highway 71, State Highway 71, County Roads EE.00, 34.00, and GG.00 on the north, the eastern border of Morgan County, US Highway 6, Interstate 76, and US Highway 34 on the south, and the western boarder of Morgan County. Except as specified in Part 4.7.17Q and in Part 4.7.17R, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 14.09).
- K. Elimination of all populations in Ouray County is required prior to seed development in 2012 and each year thereafter for all land outside the boundaries of an area demarcated by the northern border of Ouray County, US Highway 550 on the east, State Highway 62 on the south, and Longitude 107° 52'31"W. Except as specified in Part 4.7.17Q and in Part 4.7.17R, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 14.10).
- L. Elimination of all populations in Pitkin County is required prior to seed development in 2012 and each year thereafter for all land outside the boundaries of an area demarcated by the northern border of Pitkin County, Longitude 106° 48'45"W, Latitude 39° 11'14"N, and Longitude 107° 3'44"W. Except as specified in Part 4.7.17Q and in Part 4.7.17R, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 14.11).
- M. Elimination of all populations in Pueblo County is required prior to seed development in 2012 and each year thereafter for all land outside the boundaries of an area demarcated by Latitude 38° 22'33"N, the eastern border of Pueblo

County, Latitude 37° 56'14"N, Longitude 104° 30'4"W, Latitude 38° 11'10"N, and the western border of Pueblo County and of an area demarcated by State Highway 165 on the north, Interstate 25 on the east, the southern border of Pueblo County, and Longitude 104° 52'30"W. Except as specified in Part 4.7.17Q and in Part 4.7.17R, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 14.12).

- N. Elimination of all populations in Saguache County is required prior to seed development in 2012 and each year thereafter for all land outside the boundaries of an area demarcated by Latitude 38° 15'1"N, Longitude 106° 48'39"W, the southern border of Saguache County, and Longitude 106° 14'58"W. Except as specified in Part 4.7.17Q and in Part 4.7.17R, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 14.13).
- O. Elimination of all populations in Weld County is required prior to seed development in 2012 and each year thereafter for all land outside the boundaries of an area demarcated by County Road 136 on the north, County Road 105 on the east, County Road 122 on the south, and County Road 390 on the west and of an area demarcated by US Interstate 76 on the north, Market Street, Woodward Avenue and County Road 59 on the east, and State Highway 52 on the south and of an area demarcated by State Highway 52 on the north, US Interstate 25 on the east, and the southern and western borders of Weld County and of an area demarcated by County Road 50 on the north, County Road 17 on the east, County Road 34 on the south, and the western border of Weld County and of an area demarcated by the Cache La Poudre River on the north, US Highway 85 on the east, 37<sup>th</sup> Street on the south, and 71<sup>st</sup> street on the west and of an area demarcated by County Road 90 on the north, County Roads 49 and 51 on the east, County Road 74 on the south and Weld County Road 39 on the west. Except as specified in Part 4.7.17Q and in Part 4.7.17R, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 14.14).
- P. Except as specified in Part 4.7.17Q and in Part 4.7.17R, suppression is the specified State management objective for all populations in Alamosa, Conejos, Delta, Eagle, Garfield, Gunnison, La Plata, Mesa, Montezuma, Rio Grande, and San Miguel Counties.
- Q. All populations on public land in this state that are within 15 feet from the edge of any public road and any immediately adjacent area used for parking must be eliminated prior to seed development on an annual basis.
- R. All populations in this state that are within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks must be eliminated prior to seed development in 2012 and each year thereafter.

- S. The prescribed integrated management techniques for the eradication of designated populations are limited to the use of herbicides approved by the Commissioner and mowing or other mechanical techniques approved by the Commissioner.
- T. Prescribed integrated management techniques do not include the use of any biocontrol agents, herbicides, cultural techniques, or mechanical techniques other than those approved by the Commissioner.
- U. Seed longevity is estimated to be at least five years. Infested sites must be monitored for at least five years after the populations have been eliminated and treatments must be repeated when necessary to prevent flowering and development of seed.

4.7.18. Sulfur cinquefoil (*Potentilla recta*). In addition to the requirements set forth in this Part 4 for the management of all List B species, the following conditions also apply for sulfur cinquefoil:

- A. Elimination of all populations is required prior to seed development in 2012 and each year thereafter in all Colorado counties except for Larimer, Montrose, Pitkin, and Teller Counties and those counties specified in Part 4.7.18F.
- B. Elimination of all populations in Larimer County is required prior to seed development in 2012 and each year thereafter for all land outside the boundaries of an area demarcated by the North Fork Cache La Poudre River on the north, Longitude 105° 33'44"W, Forest Service Road 517 on the south, and Forest Service Road 173 on the west and of an area demarcated by the North Fork of the Big Thompson River on the north, County Road 43 on the east, Longitude 105° 29'58"W, Latitude 40° 18'45"N, and Longitude 105° 33'45"W. Except as specified in Part 4.7.18G, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 15.01).
- C. Elimination of all populations in Montrose County is required prior to seed development in 2012 and each year thereafter for all land outside the boundaries of an area demarcated by Latitude 38° 30'0"N, Longitude 108° 7'28"W, Latitude 38° 26'14"N, and Roubideau Creek on the west. Except as specified in Part 4.7.18G, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 15.02).
- D. Elimination of all populations in Pitkin County is required prior to seed development in 2012 and each year thereafter for all land outside the boundaries of an area demarcated by the northern border of Pitkin County, Longitude 106° 56'17"W, Longitude 39° 14'59"N, and Latitude 107° 3'48"W. Except as specified in Part 4.7.18G, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 15.03).

- E. Elimination of all populations in Teller County is required prior to seed development in 2012 and each year thereafter for all land outside the boundaries of an area demarcated by Latitude 38° 48'48"N, the eastern border of Teller County, Longitude 105° 3'43"W, County Roads 8 and 82 on the south, State Highway 67 and Carr Avenue on the south, and Longitude 105° 11'17"W. Except as specified in Part 4.7.18G, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 15.04).
- F. Except as specified in Part 4.7.18G, suppression is the specified State management objective for all populations in Boulder and Jefferson Counties.
- G. All populations on public land in this state that are within 15 feet from the edge of any public road and any immediately adjacent area used for parking must be eliminated prior to seed development on an annual basis.
- H. The prescribed integrated management techniques for the eradication of designated populations are limited to the use of herbicides approved by the Commissioner and hand-pulling, digging, or other mechanical techniques approved by the Commissioner.
- I. Prescribed integrated management techniques do not include the use of any biocontrol agents, herbicides, cultural techniques or mechanical techniques other than those approved by the Commissioner.
- J. Seed longevity is estimated to be at least three years. Infested sites must be monitored for at least three years after the populations have been eliminated and treatments must be repeated when necessary to prevent flowering and development of seed.

4.7.19. Bull thistle (*Cirsium vulgare*). In addition to the requirements set forth in this Part 4 for the management of all List B species, the following conditions also apply for bull thistle:

- A. Elimination of all populations is required prior to seed development in 2015 and each year thereafter in all Colorado counties except for Boulder, Gunnison, La Plata, Moffat and Rio Blanco Counties and those counties specified in Part 4.7.19G.
- B. Elimination of all populations in Boulder County is required prior to seed development in 2015 and each year thereafter for all land outside the boundaries of an area demarcated by State Highway 66 on the north, US Highway 287 on the east, the southern border of Boulder County, and US Highway 36 on the west. Except as specified in Part 4.7.19H, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 16.01).
- C. Elimination of all populations in Gunnison County is required prior to seed development in 2015 and each year thereafter for all land outside the North Fork

Gunnison Watershed. Except as specified in Part 4.7.19H, for all land within this watershed, suppression is the specified State management objective (see Rule 4.8, Figure 16.02).

- D. Elimination of all populations in La Plata County is required prior to seed development in 2015 and each year thereafter for all land outside the boundaries of an area demarcated by the northern and eastern borders of La Plata County, US Highway 160 on the south, and the western border of La Plata County. Except as specified in Part 4.7.19H, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 16.03).
- E. Elimination of all populations in Moffat County is required prior to seed development in 2015 and each year thereafter for all land outside the boundaries of an area demarcated by the northern, eastern and southern borders of Moffat county and County Road 40D, US Highway 40 until it intersects County Road 14A, County Road 14A, County Road 40M, County Road 25 until it intersects the Little Snake River, the Little Snake River until it intersects County Road 21, County Road 21, and County Road 4 on the west. Except as specified in Part 4.7.19H, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 16.04).
- F. Elimination of all populations in Rio Blanco County is required prior to seed development in 2015 and each year thereafter for all land outside the boundaries of an area demarcated by the northern, eastern, and southern borders of Rio Blanco County and State Highway 13, State Highway 64, and County Road 65 on the west. Except as specified in Part 4.7.19H, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 16.05).
- G. Except as specified in Part 4.7.19H, suppression is the specified State management objective for all populations in Broomfield, Chaffee, Dolores, Eagle, Garfield, Grand, Lake, Mesa, Montezuma, Montrose, Ouray, Pitkin, Routt, San Miguel, Summit, and Routt Counties.
- H. All populations on public land in this state that are within 15 feet from the edge of any public road and any immediately adjacent area used for parking must be eliminated prior to seed development on an annual basis.
- I. The prescribed integrated management techniques for the eradication of designated populations are limited to the use of herbicides approved by the Commissioner and hand-pulling, digging, or other mechanical techniques approved by the Commissioner.
- J. Prescribed integrated management techniques do not include the use of any biocontrol agents, herbicides, cultural techniques or mechanical techniques other than those approved by the Commissioner.



- K. Seed longevity is estimated to be up to at least three years. Infested sites must be monitored for at least three years after the populations have been eliminated and treatments must be repeated when necessary to prevent flowering and development of seed.

4.7.20. Eurasian watermilfoil (*Myriophyllum spicatum*). In addition to the requirements set forth in this Part 4 for the management of all List B species, the following conditions also apply for Eurasian watermilfoil:

- A. Elimination of all populations is required prior to seed or rooted fragment development in 2015 and each year thereafter in all Colorado counties except for Arapahoe, and Denver Counties and those counties specified in Part 4.7.20D.
- B. Elimination of all populations in Arapahoe County is required prior to seed or root plant fragment development in 2015 and each year thereafter within the area between the ordinary high water mark of any river or perennial or intermittent stream and outside the perimeter of Cherry Creek Reservoir. For all water within the perimeter of Cherry Creek Reservoir, suppression is the specified State management objective (see Rule 4.8, Figure 17.01).
- C. Elimination of all populations in Denver County is required prior to seed or rooted plant fragment development in 2015 and each year thereafter within the area between the ordinary high water mark of any river or perennial or intermittent stream and outside the perimeter of Marston Lake. For all water within the perimeter of Marston Lake, suppression is the specified State management objective (see Rule 4.8, Figure 17.02).
- D. Suppression is the specified State management objective for all populations in Alamosa, Boulder, Fremont, Jefferson and Weld Counties.
- E. The prescribed integrated management techniques for the eradication of designated populations are limited to the use of herbicides approved by the Commissioner and hand-pulling, or other mechanical techniques approved by the Commissioner.
- F. Prescribed integrated management techniques do not include the use of any biocontrol agents, herbicides, cultural techniques or mechanical techniques other than those approved by the Commissioner.
- G. Seed longevity is not an important factor for this species. Infested sites must be monitored continuously after the populations have been eliminated and treatments must be repeated when necessary to prevent reestablishment from plant fragmentation.

4.7.21. Musk thistle (*Carduus nutans*). In addition to the requirements set forth in this Part 4 for the management of all List B species, the following conditions also apply for musk thistle:

- A. Except as specified in Part 4.7.21N, elimination of all populations is required prior to seed development in 2015 and each year thereafter in all Colorado counties except for Archuleta, Jackson, Mesa, Moffat, Park, Phillips, Rio Blanco, Routt, Sedgwick, and Yuma Counties and those counties specified in Part 4.7.21L.
- B. Except as specified in Part 4.7.21N, elimination of all populations in Archuleta County is required prior to seed development in 2015 and each year thereafter for all land outside the boundaries of an area demarcated by the northern border of Archuleta County, US Highway 160 and US Highway 84 on the east, and the southern and western borders of Archuleta County. Except as specified in Part 4.7.21M and Part 4.7.21N, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 8.01).
- C. Except as specified in Part 4.7.21N, elimination of all populations in Jackson County is required prior to seed development in 2015 and each year thereafter for all land outside the boundaries of an area demarcated by the northern border of Jackson County, State Highway 127 and State Highway 125 on the east, and CR 6W on the south and west. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.21M and as otherwise specified in this section, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 18.02).
- D. Except as specified in Part 4.7.21N, elimination of all populations in Mesa County is required prior to seed development in 2015 and each year thereafter for all land outside the boundaries of an area demarcated by the northern, eastern, and southern borders of Mesa County and Longitude 108°23'36"W. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.21M and as otherwise specified in this section, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 18.03).
- E. Except as specified in Part 4.7.21N, elimination of all populations in Moffat County is required prior to seed development in 2015 and each year thereafter for all land outside the boundaries of an area demarcated by the northern, eastern and southern borders of Moffat county and County Road 40D, US Highway 40 until it intersects County Road 14A, County Road 14A, County Road 40M, County Road 25 until it intersects the Little Snake River, the Little Snake River until it intersects County Road 21, County Road 21, and County Road 4 on the west. Except as specified in Part 4.7.21M and Part 4.7.21N, for all land within

the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 18.04).

- F. Except as specified in Part 4.7.21N, elimination of all populations in Park County is required prior to seed development in 2015 and each year thereafter for all land outside the boundaries of an area demarcated by US Highway 285 on the north, the eastern border of Park County, County Road 211 on the south, and County Road 77 on the west. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.21M and as otherwise specified in this section, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 18.05).
- G. Except as specified in Part 4.7.21N, elimination of all populations in Phillips County is required prior to seed development in 2015 and each year thereafter for all land outside the boundaries of an area demarcated by the northern border of Phillips County, County Roads 29, 38, 31, 24, and 29 on the east, and the southern and western borders of Phillips County. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.21M and as otherwise specified in this section, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 18.06).
- H. Except as specified in Part 4.7.21N, elimination of all populations in Rio Blanco County is required prior to seed development in 2015 and each year thereafter for all land outside the boundaries of an area demarcated by the northern, eastern, and southern borders of Rio Blanco County and State Highway 13, State Highway 64, and County Road 65 on the west. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.21M and as otherwise specified in this section, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 18.07).
- I. Except as specified in Part 4.7.21N, elimination of all populations in Routt County is required prior to seed development in 2015 and each year thereafter for all land outside the boundaries of an area demarcated by US Highway 40 on the north, and the eastern, southern, and western borders of Routt County. Except as specified in Part 4.7.21M and Part 4.7.21N, for all land within the area

described above, suppression is the specified State management objective (see Rule 4.8, Figure 18.08).

- J. Except as specified in Part 4.7.21N, elimination of all populations in Sedgwick County is required prior to seed development in 2015 and each year thereafter for all land outside the boundaries of an area demarcated by County Road 20 on the north, County Road 55 on the east, County Road 12 on the south, and US Highway 385 on the west. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.21M and as otherwise specified in this section, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 18.09).
- K. Except as specified in Part 4.7.21N, elimination of all populations in Yuma County is required prior to seed development in 2015 and each year thereafter for all land outside the boundaries of an area demarcated by County Road 52 and County Road 53 on the north, County Road M on the east, US Highway 34 on the south, and State Highway 59 on the west and of an area demarcated by US Highway 34 on the north, the eastern and southern borders of Yuma County, and County Road V, US Highway 36, and County Roads AA, Z, 20, CC, 26, and U on the west. Except as specified in Part 4.7.21M and Part 4.7.21N, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 18.10).
- L. Except as specified in Part 4.7.21M and Part 4.7.21N, suppression is the specified State management objective for all populations in Adams, Arapahoe, Boulder, Broomfield, Chaffee, Clear Creek, Custer, Delta, Denver, Dolores, Douglas, Eagle, Elbert, El Paso, Gilpin, Grand, Fremont, Garfield, Gunnison, Jefferson, La Plata, Lake, Logan, Montezuma, Montrose, Ouray, Pitkin, Pueblo, San Miguel, Summit, and Weld.
- M. All populations on public land in this state that are within 15 feet from the edge of any public road and any immediately adjacent area used for parking must be eliminated prior to seed development on an annual basis.
- N. All populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and are within ¼-mile of the downstream boundary of the county, must be treated to meet the higher treatment requirement of the two counties by 2016 and each year thereafter.
- O. The prescribed integrated management techniques for the eradication of designated populations are limited to the use of herbicides approved by the Commissioner and hand-pulling, digging, or other mechanical techniques approved by the Commissioner.

- P. Prescribed integrated management techniques do not include the use of any biocontrol agents, herbicides, cultural techniques or mechanical techniques other than those approved by the Commissioner.
  - Q. Seed longevity is estimated to be at least ten years. Infested sites must be monitored for at least ten years after the populations have been eliminated and treatments must be repeated when necessary to prevent flowering and development of seed.
- 4.7.22. Scentsless chamomile (*Tripleurospermum perforatum*), Corn chamomile (*Anthemis arvensis*), and Mayweed chamomile (*Anthemis cotula*). In addition to the requirements set forth in this Part 4 for the management of all List B species, the following conditions also apply for scentsless, corn, and mayweed chamomile:
- A. Except as specified in Part 4.7.22I, elimination of all populations is required prior to seed development in 2016 and each year thereafter in all Colorado counties except for Delta, Gilpin, Gunnison, Mesa and Park Counties and those counties specified in Part 4.7.22G.
  - B. Except as specified in Part 4.7.22I, elimination of all populations in Delta County is required prior to seed development in 2016 and each year thereafter for all land outside the boundaries of an area demarcated by the northern and eastern borders of Delta County, State Highway 133 and State Highway 92 on the south, and State Highway 65 on the west. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.22H and as otherwise specified in this section, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 19.01).
  - C. Except as specified in Part 4.7.22I, elimination of all populations in Gilpin County is required prior to seed development in 2016 and each year thereafter for all land outside the boundaries of an area demarcated by Latitude 39°48'45"N, and the eastern and southern borders of Gilpin County. Except as specified in Part 4.7.22H and Part 4.7.22I, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 19.02).
  - D. Except as specified in Part 4.7.22I, elimination of all populations in Gunnison County is required prior to seed development in 2016 and each year thereafter for all land outside the boundaries of an area demarcated by the northern and eastern border of Gunnison County, US Highway 50 on the south until it transects with the southern border of Gunnison County, the southern border of Gunnison county, US Highway 50 on the south, and the western border of Gunnison County. Except as specified in Part 4.7.22H and Part 4.7.22I, for all

land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 19.03).

- E. Except as specified in Part 4.7.22I, elimination of all populations in Mesa County is required prior to seed development in 2016 and each year thereafter for all land outside the boundaries of an area demarcated by the northern, eastern, and southern borders of Mesa County, and by Longitude 108°11'14"W. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.22H and as otherwise specified in this section, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 19.04).
- F. Except as specified in Part 4.7.22I, elimination of all populations in Park County is required prior to seed development in 2016 and each year thereafter for all land outside the boundaries of an area demarcated by the northern and eastern borders of Park County, Latitude 39°11'3"N, and the western border of Park County. Except as specified in Part 4.7.22H and Part 4.7.22I, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 19.05).
- G. Except as specified in Part 4.7.22H and Part 4.7.22I, suppression is the specified State management objective for all populations in Clear Creek, Eagle, Grand, Gunnison, Jefferson, Lake, La Plata, Pitkin, Routt, and Summit Counties.
- H. All populations on public land in this state that are within 15 feet from the edge of any public road and any immediately adjacent area used for parking must be eliminated prior to seed development on an annual basis.
- I. All populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks and are within ¼-mile of the downstream boundary of the county, must be treated to meet the higher treatment requirement of the two counties by 2016 and each year thereafter. For the mainstem of the South Platte River where it forms the boundary between Douglas and Jefferson counties, all populations need to be eliminated on both banks from the center of the mainstem river to 15 feet beyond the ordinary high water mark by 2016 and each year thereafter.
- J. The prescribed integrated management techniques for the eradication of designated populations are limited to the use of herbicides approved by the Commissioner and hand-pulling, digging, or other mechanical techniques approved by the Commissioner.
- K. Prescribed integrated management techniques do not include the use of any biocontrol agents, herbicides, cultural techniques or mechanical techniques other than those approved by the Commissioner.

- L. Seed longevity is estimated to be up to ten years. Infested sites must be monitored for at least ten years after the populations have been eliminated and treatments must be repeated when necessary to prevent flowering and development of seed.

4.7.23 Scotch thistle (*Onopordum acanthium* and *Onopordum tauricum*). In addition to the requirements set forth in this Part 4 for the management of all List B species, the following conditions also apply for Scotch thistle:

- A. Except as specified in Part 4.7.23R, elimination of all populations is required prior to seed development in 2015 and each year thereafter in all Colorado counties except for Delta, El Paso, Fremont, Garfield, Gunnison, Las Animas, Logan, Mesa, Moffat, Montezuma, Pitkin, Pueblo, Rio Blanco, and Weld Counties and those counties specified in Part 4.7.23P.
- B. Except as specified in Part 4.7.23R, elimination of all populations in Delta County is required prior to seed development in 2015 and each year thereafter for all land outside the boundaries of an area demarcated by the northern and eastern borders of Delta County, the southern border until it intersects with State Highway 92, State Highway 92 on the south, and State Highway 65 on the west. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.23Q and as otherwise specified in this section, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 20.01).
- C. Except as specified in Part 4.7.23R, elimination of all populations in El Paso County is required prior to seed development in 2015 and each year thereafter for all land outside the boundaries of an area demarcated by the northern border of El Paso County, State Highway 83 on the east and the south, State Highway 115, US Highway 24 on the south, and the western border of El Paso county. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.23Q and as otherwise specified in this section, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 20.02).
- D. Except as specified in Part 4.7.23R, elimination of all populations in Fremont County is required prior to seed development in 2015 and each year thereafter for all land outside the boundaries of an area demarcated by the northern, eastern, and southern borders of Fremont County and County Road 401B, State Highway 115, US Highway 50, County Road 441B, and County Road 509B on

the west. Except as specified in Part 4.7.23Q and Part 4.7.23R, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 20.03).

- E. Except as specified in Part 4.7.23R, elimination of all populations in Garfield County is required prior to seed development in 2015 and each year thereafter for all land outside the boundaries of an area demarcated by the northern, eastern, and southern borders of Garfield County, and Longitude 108°9'6"W. Except as specified in Part 4.7.23Q and Part 4.7.23R, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 20.04).
- F. Except as specified in Part 4.7.23R, elimination of all populations in Gunnison County is required prior to seed development in 2015 and each year thereafter for all land outside the boundaries of an area demarcated by the northern border of Gunnison County, Longitude 106°52'27"W, Latitude 38°40'8"N, and the western border of Gunnison County. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.23Q and as otherwise specified in this section, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 20.05).
- G. Except as specified in Part 4.7.23R, elimination of all populations in Las Animas County is required prior to seed development in 2015 and each year thereafter for all land outside the boundaries of an area demarcated by County Road 66.1 and County Road 66 on the north, Interstate 25 on the east, County Road 44 and County Road 46 on the south, and Longitude 104°48'45"W. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.23Q and as otherwise specified in this section, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 20.06).
- H. Except as specified in Part 4.7.23R, elimination of all populations in Logan County is required prior to seed development in 2015 and each year thereafter for all land outside the boundaries of an area demarcated by State Highway 14 on the north, County Road 25 on the east, County Road 18 on the south, and County Roads 20 and 11 on the west. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.23Q and as otherwise specified in



this section, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 20.07).

- I. Except as specified in Part 4.7.23R, elimination of all populations in Mesa County is required prior to seed development in 2015 and each year thereafter for all land outside the boundaries of an area demarcated by the northern, eastern, and southern borders of Mesa County, and the Gunnison River and the Colorado River on the west. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.23Q and as otherwise specified in this section, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 20.08).
- J. Except as specified in Part 4.7.23R, elimination of all populations in Moffat County is required prior to seed development in 2015 and each year thereafter for all land outside the boundaries of an area demarcated by the northern, eastern, and southern borders of Moffat County, and Longitude 108°11'5"W. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.23Q and as otherwise specified in this section, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 20.09).
- K. Except as specified in Part 4.7.23R, elimination of all populations in Montezuma County is required prior to seed development in 2015 and each year thereafter for all land outside the boundaries of an area demarcated by Latitude 37°22'32"N, County Road 44, US Highway 160, and County Road 45 on the east, Latitude 37°18'44"N, County Road G on the South, and County Roads 38.75 and 39 on the west. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.23Q and as otherwise specified in this section, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 20.10).
- L. Except as specified in Part 4.7.23R, elimination of all populations in Pitkin County is required prior to seed development in 2015 and each year thereafter for all land outside the boundaries of an area demarcated by the northern border of Pitkin County, Longitude 106°52'27"W, and the southern and western borders of Pitkin County. Within these boundaries, all populations that are located within the

area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.23Q and as otherwise specified in this section, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 20.11).

- M. Except as specified in Part 4.7.23R, elimination of all populations in Pueblo County is required prior to seed development in 2015 and each year thereafter for all land outside the boundaries of an area demarcated by the Upper Arkansas Watershed. Except as specified in Part 4.7.23Q and Part 4.7.23R, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 20.12).
- N. Except as specified in Part 4.7.23R, elimination of all populations in Rio Blanco County is required prior to seed development in 2015 and each year thereafter for all land outside the boundaries of an area demarcated by the northern, eastern, and southern borders of Rio Blanco County, and State Highway 13 and County Road 7 on the west. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.23Q and as otherwise specified in this section, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 20.13).
- O. Except as specified in Part 4.7.23R, elimination of all populations in Weld County is required prior to seed development in 2015 and each year thereafter for all land outside the boundaries of an area demarcated by County Road 90 and State Highway 14 on the north, County Road 73 on the east, State Highway 52 and County Road 45 on the south, the southern border of Weld County, and the western border of Weld County. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.23Q and as otherwise specified in this section, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 20.14).
- P. Except as specified in Part 4.7.23Q and Part 4.7.23R, suppression is the specified State management objective for all populations in Adams, Arapahoe, Boulder, Broomfield, Denver, Dolores, Douglas, Eagle, Garfield, Grand, Huerfano, Jefferson, and La Plata Counties.

- Q. All populations on public land in this state that are within 15 feet from the edge of any public road and any immediately adjacent area used for parking must be eliminated prior to seed development on an annual basis.
  - R. All populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and are within ¼-mile of the downstream boundary of the county, must be treated to meet the higher treatment requirement of the two counties by 2016 and each year thereafter.
  - S. The prescribed integrated management techniques for the eradication of designated populations are limited to the use of herbicides approved by the Commissioner and hand-pulling, digging, or other mechanical techniques approved by the Commissioner.
  - T. Prescribed integrated management techniques do not include the use of any biocontrol agents, herbicides, cultural techniques or mechanical techniques other than those approved by the Commissioner.
  - U. Seed longevity is estimated to be up to seven years. Infested sites must be monitored for at least three years after the populations have been eliminated and treatments must be repeated when necessary to prevent flowering and development of seed.
- 4.7.24. Common teasel (*Dipsacus fullonum*). In addition to the requirements set forth in this Part 4 for the management of all List B species, the following conditions also apply for common teasel:
- A. Elimination of all populations is required prior to seed development in 2014 and each year thereafter in all Colorado counties except for Adams, Arapahoe, Boulder, Chaffee, El Paso, Jefferson, Larimer, Logan, Pueblo and Weld and those counties specified in Part 4.7.24L.
  - B. Elimination of all populations in Adams County is required prior to seed development in 2014 and each year thereafter for all land outside the boundaries of an area demarcated by the northern border of Adams County, Hayesmount Road on the east, and the southern and western borders of Adams County. Except as specified in Part 4.7.24M and Part 4.7.24N, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 21.01).
  - C. Elimination of all populations in Arapahoe County is required prior to seed development in 2014 and each year thereafter for all land outside the boundaries of an area demarcated by the northern border of Arapahoe County, State Highway 470 on the east, and the southern and western borders of Arapahoe County. Except as specified in Part 4.7.24M and Part 4.7.24N, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 21.02).

- D. Elimination of all populations in Boulder County is required prior to seed development in 2014 and each year thereafter for all land outside the boundaries of an area demarcated by the northern, eastern, and southern border of Boulder County, and State Highway 93 and US Highway 36 on the west. Except as specified in Part 4.7.24M and Part 4.7.24N, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 21.03).
- E. Elimination of all populations in Chaffee County is required prior to seed development in 2014 and each year thereafter for all land outside the boundaries of an area demarcated by Latitude 38°37'32.524"N, the eastern border of Chaffee County, Latitude 38°30'2.288"N, and Longitude 106°11'20.411"W. Except as specified in Part 4.7.24M and Part 4.7.24N, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 21.04).
- F. Elimination of all populations in El Paso County is required prior to seed development in 2014 and each year thereafter for all land outside the boundaries of an area demarcated by the northern border of El Paso County, Interstate 25 on the east. State Highway 24 until it intersects with Fountain Creek, Fountain Creek on the east and the southern and western border of El Paso County. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.24M and as otherwise specified in this section, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 21.05).
- G. Elimination of all populations in Jefferson County is required prior to seed development in 2014 and each year thereafter for all land outside the boundaries of an area demarcated by the northern and eastern borders of Jefferson County, County Road 97 and US Highway 285 on the south, and the western border of Jefferson County. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. For the mainstem of the South Platte River where it forms the boundary between Douglas and Jefferson counties, all populations need to be eliminated on both banks from the center of the mainstem river to 15 feet beyond the ordinary high water mark by 2014, and each year thereafter. Except as specified in Part 4.7.24M and as otherwise specified in this section, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 21.06).
- H. Elimination of all populations in Larimer County is required prior to seed development in 2014 and each year thereafter for all land outside the boundaries

of an area demarcated by Latitude 40°41'17.811"N, the eastern and southern borders of Larimer County, and Longitude 105°15'8.446"W. Within, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.24M and as otherwise specified in this section, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 21.07).

- I. Elimination of all populations in Logan County is required prior to seed development in 2014 and each year thereafter for all land outside the boundaries of an area demarcated by US Highway 6 north to Sterling, then U.S. Highway 138 to the eastern border of Logan County, Interstate 76, and the southern border of Logan County. Except as specified in Part 4.7.24M and Part 4.7.24N, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 21.08).
- J. Elimination of all populations in Pueblo County is required prior to seed development in 2014 and each year thereafter for all land outside the boundaries of an area demarcated by the northern border of Pueblo County, the eastern border of Pueblo County, Latitude 38°7'28.008"N, Longitude 104°56'13.356"W, and the southern and western borders of Pueblo County. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.24M and as otherwise specified in this section, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 21.09).
- K. Elimination of all populations in Weld County is required prior to seed development in 2014 and each year thereafter for all land outside the boundaries of an area demarcated by Latitude 40°26'17.543"N, Longitude 104°22'28.738"W, Latitude 40°18'45.522"N, US Highway 85, and the southern and western borders of Weld County. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.24M and as otherwise specified in this section, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 21.10).
- L. Except as specified in Part 4.7.24M and Part 4.7.24N, suppression is the specified State management objective for all populations in Broomfield and Denver Counties.

- M. All populations on public land in this state that are within 15 feet from the edge of any public road and any immediately adjacent area used for parking must be eliminated prior to seed development on an annual basis.
- N. All populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and are within ¼-mile of the downstream boundary of the county, must be treated to meet the higher treatment requirement of the two counties by 2014, and each year thereafter. For the mainstem of the South Platte River where it forms the boundary between Douglas and Jefferson counties, all populations need to be eliminated on both banks from the center of the mainstem river to 15 feet beyond the ordinary high water mark by 2014, and each year thereafter.
- O. The prescribed integrated management techniques for the eradication of designated populations are limited to the use of herbicides approved by the Commissioner and hand-pulling, digging, or other mechanical techniques approved by the Commissioner.
- P. Prescribed integrated management techniques do not include the use of any biocontrol agents, herbicides, cultural techniques, or mechanical techniques other than those approved by the Commissioner.
- Q. Seed longevity is estimated to be at least five years. Infested sites must be monitored for at least six years after the populations have been eliminated and treatments must be repeated when necessary to prevent flowering and development of seed.

4.7.25. Cutleaf teasel (*Dipsacus laciniatus*). In addition to the requirements set forth in this Part 4 for the management of all List B species, the following conditions also apply for cutleaf teasel:

- A. Elimination of all populations is required prior to seed development in 2014 and each year thereafter in all Colorado counties except for Adams, Jefferson, and Weld and those counties specified in Part 4.7.25E.
- B. Elimination of all populations in Adams County is required prior to seed development in 2014 and each year thereafter for all land outside the boundaries of an area demarcated by the northern border of Adams County, Hayesmount Road on the east, and the southern and western borders of Adams County. Except as specified in Part 4.7.25F and Part 4.7.25G, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 22.01).
- C. Elimination of all populations in Jefferson County is required prior to seed development in 2014 and each year thereafter for all land outside the boundaries of an area demarcated by the northern and eastern borders of Jefferson County, County Road 97 and US Highway 285 on the south, and the western border of

Jefferson County. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. For the mainstem of the South Platte River where it forms the boundary between Douglas and Jefferson counties, all populations need to be eliminated on both banks from the center of the mainstem river to 15 feet beyond the ordinary high water mark by 2014, and each year thereafter. Except as specified in Part 4.7.25F and as otherwise specified in this section, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 22.02).

- D. Elimination of all populations in Weld County is required prior to seed development in 2014 and each year thereafter for all land outside the boundaries of an area demarcated by Latitude 40°26'17.543"N, Longitude 104°22'28.738"W, Latitude 40°18'45.522"N, US Highway 85, and the southern and western borders of Weld County. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.25F and as otherwise specified in this section, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 22.03).
- E. Except as specified in Part 4.7.25F and Part 4.7.25G, suppression is the specified State management objective for all populations in Broomfield and Denver Counties.
- F. All populations on public land in this state that are within 15 feet from the edge of any public road and any immediately adjacent area used for parking must be eliminated prior to seed development on an annual basis.
- G. All populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and are within ¼-mile of the downstream boundary of the county, must be treated to meet the higher treatment requirement of the two counties by 2014, and each year thereafter. For the mainstem of the South Platte River where it forms the boundary between Douglas and Jefferson counties, all populations need to be eliminated on both banks from the center of the mainstem river to 15 feet beyond the ordinary high water mark by 2014, and each year thereafter.
- H. The prescribed integrated management techniques for the eradication of designated populations are limited to the use of herbicides approved by the Commissioner and hand-pulling, digging, or other mechanical techniques approved by the Commissioner.

- I. Prescribed integrated management techniques do not include the use of any biocontrol agents, herbicides, cultural techniques, or mechanical techniques other than those approved by the Commissioner.
  - J. Seed longevity is estimated to be at least five years. Infested sites must be monitored for at least six years after the populations have been eliminated and treatments must be repeated when necessary to prevent flowering and development of seed.
- 4.7.26. Dame's rocket (*Hesperis matronalis*). In addition to the requirements set forth in this Part 4 for the management of all List B species, the following conditions also apply for dame's rocket:
- A. Elimination of all populations is required prior to seed development in 2014 and each year thereafter in all Colorado counties except for Adams, Boulder, Denver, Larimer, Logan, Mesa, Moffat, Pueblo, and Summit and those counties specified in Part 4.7.26K.
  - B. Except as specified in Parts 4.7.26L and Part 4.7.26M, elimination of all populations in Logan County is required prior to seed development in 2015 and each year thereafter.
  - C. Except as specified in Parts 4.7.26L and Part 4.7.26M, elimination of all populations in Moffat County is required prior to seed development in 2016 and each year thereafter.
  - D. Elimination of all populations in Adams County is required prior to seed development in 2014 and each year thereafter for all land outside the boundaries of an area demarcated by the northern border of Adams County, Longitude 104°48'32.078"W, and the southern and western border of Adams County. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.26L and as otherwise specified in this section, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 23.01).
  - E. Elimination of all populations in Boulder County is required prior to seed development in 2014 and each year thereafter for all land outside the boundaries of an area demarcated by northern, eastern, and southern borders of Boulder County and State Highway 72 and State Highway 7 north of the junction with State Highway 72 north to the county line, on the west. Except as specified in Part 4.7.26L and Part 4.7.26M, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 23.02).



- F. Elimination of all populations in Denver County is required prior to seed development in 2014 and each year thereafter for all land outside the boundaries of an area demarcated by northern border of Denver County, Chambers Road on the east, and the southern and western borders of Denver County. Except as specified in Part 4.7.26L and Part 4.7.26M, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 23.03).
- G. Elimination of all populations in Larimer County is required prior to seed development in 2014 and each year thereafter for all land outside the boundaries of an area demarcated by Latitude 40°45'8.026"N, and the eastern, southern and western border of Larimer County. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.26L and as otherwise specified in this section, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 23.04).
- H. Elimination of all populations in Mesa County is required prior to seed development in 2014 and each year thereafter for all land outside the boundaries of an area demarcated by the western and northern borders of Mesa County, Longitude 108°18'37.128"W until it intersects with the southern border of Mesa County, the southern border until it intersects with the Gunnison River, the Gunnison River, and Latitude 39°3'33.868"N. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.26L and as otherwise specified in this section, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 23.05).
- I. Elimination of all populations in Pueblo County is required prior to seed development in 2014 and each year thereafter for all land outside the boundaries of an area demarcated by Latitude 38°7'33.068"N, Longitude 104°52'32.32"W, and the southern and western border of Pueblo County. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.26L and as otherwise specified in this section, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 23.06).
- J. Elimination of all populations in Summit County is required prior to seed development in 2014 and each year thereafter for all land outside the boundaries

of an area demarcated by Latitude 39°41'5.354"N, Longitude 106°0'1.095"W, the southern border of Summit county, State Highway 91 and Interstate 70, and Longitude 106°7'32.266"W. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.26L and as otherwise specified in this section, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 23.07).

- K. Except as specified in Parts 4.7.26L and Part 4.7.26M, suppression is the specified State management objective for all populations in Broomfield and Jefferson Counties.
- L. All populations on public land in this state that are within 15 feet from the edge of any public road and any immediately adjacent area used for parking must be eliminated prior to seed development on an annual basis.
- M. All populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and are within ¼-mile of the downstream boundary of the county, must be treated to meet the higher treatment requirement of the two counties by 2014, and each year thereafter. For the mainstem of the South Platte River where it forms the boundary between Douglas and Jefferson counties, all populations need to be eliminated on both banks from the center of the mainstem river to 15 feet beyond the ordinary high water mark by 2014, and each year thereafter.
- N. The prescribed integrated management techniques for the eradication of designated populations are limited to the use of herbicides approved by the Commissioner and hand-pulling, digging, or other mechanical techniques approved by the Commissioner.
- O. Prescribed integrated management techniques do not include the use of any biocontrol agents, herbicides, cultural techniques, or mechanical techniques other than those approved by the Commissioner.
- P. Seed longevity is unknown. Infested sites must be monitored for at least 10 years after the populations have been eliminated and treatments must be repeated when necessary to prevent flowering and development of seed.

4.7.27. Jointed goatgrass (*Aegilops cylindrica*). In addition to the requirements set forth in this Part 4 for the management of all List B species, the following conditions also apply for jointed goatgrass:

- A. Elimination of all populations is required prior to seed development in 2014 and each year thereafter in all Colorado counties except for Archuleta, Boulder,

Broomfield, Delta, Denver, Dolores, Jefferson, Las Animas, Moffat, Montezuma, Pueblo, and Routt and those counties specified in Part 4.7.27N.

- B. Elimination of all populations in Archuleta County is required prior to seed development in 2014 and each year thereafter for all land outside the boundaries of an area demarcated by Latitude 37°15'1.38"N, Longitude 107°14'57.993"W, Latitude 7°3'49.422"N, Longitude 107°7'30.054"W, the southern border of Archuleta County, and Longitude 107°18'46.152"W. Except as specified in Part 4.7.27O, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 24.01).
- C. Elimination of all populations in Boulder County is required prior to seed development in 2014 and each year thereafter for all land outside the boundaries of an area demarcated by the northern, eastern, and southern borders of Boulder County, and Longitude 105°18'46.968"W. Except as specified in Part 4.7.27O, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 24.02).
- D. Elimination of all populations in Broomfield County is required prior to seed development in 2014 and each year thereafter for all land outside the boundaries of an area demarcated by the northern border of Broomfield County, Sheridan Boulevard on the east, and the southern and western border of Broomfield County. Except as specified in Part 4.7.27O, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 24.03).
- E. Elimination of all populations in Delta County is required prior to seed development in 2014 and each year thereafter for all land outside the boundaries of an area demarcated by Latitude 39°0'0.22"N, Longitude 107°52'31.684"W, Latitude 38°52'30.716"N, and Longitude 107°56'17.69"W. Except as specified in Part 4.7.27O, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 24.04).
- F. Elimination of all populations in Denver County is required prior to seed development in 2014 and each year thereafter for all land outside the boundaries of an area demarcated by the northern border of Denver County, Havana Street and Havana Way on the east, and the southern and western border of Denver County. Except as specified in Part 4.7.27O, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 24.05).
- G. Elimination of all populations in Dolores County is required prior to seed development in 2014 and each year thereafter for all land outside the boundaries of an area demarcated by the northern border of Dolores County, the Dolores River on the east, and the southern and western border of Dolores County. Except as specified in Part 4.7.27O, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 24.06).

- H. Elimination of all populations in Jefferson County is required prior to seed development in 2014 and each year thereafter for all land outside the boundaries of an area demarcated by the northern and eastern borders of Jefferson County, County Road 97 and US Highway 285 on the south, and the western border of Jefferson County Except as specified in Part 4.7.27O, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 24.07).
- I. Elimination of all populations in Las Animas County is required prior to seed development in 2014 and each year thereafter for all land outside the boundaries of an area demarcated by the northern, eastern, and southern border of Las Animas County and Longitude 103°15'7.862"W . Except as specified in Part 4.7.27O, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 24.08).
- J. Elimination of all populations in Moffat County is required prior to seed development in 2014 and each year thereafter for all land outside the boundaries of an area demarcated by Latitude 40°33'45.731"N, the eastern border of Moffat County, Latitude 40°26'15.46"N, and Longitude 107°45'5.875"W. Except as specified in Part 4.7.27O, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 24.09).
- K. Elimination of all populations in Montezuma County is required prior to seed development in 2014 and each year thereafter for all land outside the boundaries of an area demarcated by the northern border of Montezuma County, Longitude 108°37'11.445"W, Latitude 37°29'58.16"N, and the western border of Montezuma County. Except as specified in Part 4.7.27O, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 24.10).
- L. Elimination of all populations in Pueblo County is required prior to seed development in 2014 and each year thereafter for all land outside the boundaries of an area demarcated by Latitude 38°11'16.617"N, Longitude 104°37'30.986"W, and the southern and western border of Pueblo County. Except as specified in Part 4.7.27O, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 24.11).
- M. Elimination of all populations in Routt County is required prior to seed development in 2014 and each year thereafter for all land outside the boundaries of an area demarcated by State Highway 40 on the north, County Road 51 on the east and south, and County Road 37 and Shelton Lane on the west. Except as specified in Part 4.7.27O, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 24.12).

- N. Except as specified in Part 4.7.27O, suppression is the specified State management objective for all populations in Baca, Garfield, La Plata, Logan, Mesa, Montrose, Ouray, Phillips, Otero, San Miguel, and Yuma Counties.
  - O. All populations on public land in this state that are within 15 feet from the edge of any public road and any immediately adjacent area used for parking must be eliminated prior to seed development on an annual basis.
  - P. The prescribed integrated management techniques for the eradication of designated populations are limited to the use of herbicides approved by the Commissioner and hand-pulling, digging, tilling, or other mechanical techniques approved by the Commissioner.
  - Q. Prescribed integrated management techniques do not include the use of any biocontrol agents, herbicides, cultural techniques, or mechanical techniques other than those approved by the Commissioner.
  - R. Seed longevity is estimated to be at least five years. Infested sites must be monitored for at least six years after the populations have been eliminated and treatments must be repeated when necessary to prevent flowering and development of seed.
- 4.7.28. Moth mullein (*Verbascum blattaria*). In addition to the requirements set forth in this Part 4 for the management of all List B species, the following conditions also apply for moth mullein:
- A. Elimination of all populations is required prior to seed development in 2014 and each year thereafter in all Colorado counties except for Boulder, Larimer, and Pueblo and those counties specified in Part 4.7.28E.
  - B. Elimination of all populations in Boulder County is required prior to seed development in 2014 and each year thereafter for all land outside the boundaries of an area demarcated by the northern, eastern, and southern border of Boulder County and Longitude 105°18'49.647"W. Except as specified in Part 4.7.28F, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 25.01).
  - C. Elimination of all populations in Larimer County is required prior to seed development in 2014 and each year thereafter for all land outside the boundaries of an area demarcated by State Highway 34 on the north, State Highway 287 on the east, the southern border of Larimer County, and State Highway 36 on the west. Except as specified in Part 4.7.28F, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 25.02).
  - D. Elimination of all populations in Pueblo County is required prior to seed development in 2014 and each year thereafter for all land outside the boundaries of an area demarcated by State Highway 165 on the north, Interstate 25 on the

east, and the southern and western border of Pueblo County. Except as specified in Part 4.7.28F, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 25.03).

- E. Except as specified in Part 4.7.28F, suppression is the specified State management objective for all populations in Broomfield, Chaffee, and Lake Counties.
- F. All populations on public land in this state that are within 15 feet from the edge of any public road and any immediately adjacent area used for parking must be eliminated prior to seed development on an annual basis.
- G. The prescribed integrated management techniques for the eradication of designated populations are limited to the use of herbicides approved by the Commissioner and hand-pulling, digging, tilling, or other mechanical techniques approved by the Commissioner.
- H. Prescribed integrated management techniques do not include the use of any biocontrol agents, herbicides, cultural techniques, or mechanical techniques other than those approved by the Commissioner.
- I. Seed longevity is estimated to be over 100 years. Infested sites must be monitored for at least twenty years after the populations have been eliminated and treatments must be repeated when necessary to prevent flowering and development of seed.

4.7.29. Bouncingbet (*Saponaria officinalis*). In addition to the requirements set forth in this Part 4 for the management of all List B species, the following conditions also apply for bouncingbet:

- A. Elimination of all populations is required prior to seed development in 2016 and each year thereafter in all Colorado counties except for Denver, Larimer and Pueblo counties, and those counties specified in Part 4.7.29E.
- B. Elimination of all populations in Denver County is required prior to seed development in 2016 and each year thereafter for all lands in the county located east of Havana Street and south of Hampden Avenue. Except as specified in Parts 4.7.29F and G, for all lands in the county located west of Havana Street and north of Hampden Avenue, suppression is the specified State management objective (see Rule 4.8, Figure 26.01).
- C. Elimination of all populations in Larimer County is required prior to seed development in 2016 and each year thereafter for all land outside the boundaries of an area demarcated by, the eastern, southern, and western borders of Larimer County and Latitude 40° 45' 8" N. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to

meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.29F and as otherwise specified in this section, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 26.02).

- D. Elimination of all populations in Pueblo County is required prior to seed development in 2016 and each year thereafter for all land outside the boundaries of an area demarcated by, the southern and western borders of Pueblo County, CO Highway 96/Frontier Pathways Scenic & Historic Byway to the north, and Interstate 25 to the east. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.29F and as otherwise specified in this section, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 26.03).
- E. Except as specified in Part 4.7.29F and Part 4.7.9G, suppression is the specified State management objective for all populations in Jefferson County.
- F. All populations on public land in this state that are within 15 feet from the edge of any public road and any immediately adjacent area used for parking must be eliminated prior to seed development on an annual basis.
- G. All populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and are within ¼-mile of the downstream boundary of the county, must be treated to meet the higher treatment requirement of the two counties by 2014, and each year thereafter. For the mainstem of the South Platte River where it forms the boundary between Douglas and Jefferson counties, all populations need to be eliminated on both banks from the center of the mainstem river to 15 feet beyond the ordinary high water mark by 2016, and each year thereafter.
- H. The prescribed integrated management techniques for the eradication of designated populations are limited to the use of herbicides approved by the Commissioner and other mechanical techniques approved by the Commissioner.
- I. Prescribed integrated management techniques do not include the use of any biocontrol agents, herbicides, cultural techniques, or mechanical techniques other than those approved by the Commissioner.
- J. Seed longevity is unknown. Infested sites must be monitored for at least 10 years after the populations have been eliminated and treatments must be repeated when necessary to prevent flowering and development of seed.

4.7.30. Common tansy (*Tanacetum vulgare*). In addition to the requirements set forth in this Part 4 for the management of all List B species, the following conditions also apply for common tansy:

- A. Elimination of all populations is required prior to seed development in 2016 and each year thereafter in all Colorado counties except for Boulder, Garfield, and Jackson Counties.
- B. Elimination of all populations in Boulder County is required prior to seed development in 2016 and each year thereafter for all land outside the boundaries of an area demarcated by Lefthand Canyon Dr. on the north, Longitude 105° 21' 59", Fourmile Canyon Dr. on the south, and Longitude 105° 25' 46". Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.30E and as otherwise specified in this section, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 27.01).
- C. Elimination of all populations in Garfield County is required prior to seed development in 2016 and each year thereafter for all land outside the boundaries of an area demarcated by Interstate 70 on the north, the eastern and southern borders of Garfield County, and Longitude 105° 21' 59" until it intersects Alkali Creek, then Alkali Creek on the west. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.30E and as otherwise specified in this section for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 27.02).
- D. Elimination of all populations in Jackson County is required prior to seed development in 2016 and each year thereafter for all land outside the boundaries of an area demarcated by the borders of the incorporated town of Walden as of 2012. Except as specified in Part 4.7.30E and Part 4.7.30F, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 27.03).
- E. All populations on public land in this state that are within 15 feet from the edge of any public road and any immediately adjacent area used for parking must be eliminated prior to seed development on an annual basis.
- F. All populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and are within ¼-mile of the downstream boundary of the county,



must be treated to meet the higher treatment requirement of the two counties by 2016, and each year thereafter.

- G. The prescribed integrated management techniques for the eradication of designated populations are limited to the use of herbicides approved by the Commissioner and hand-pulling, mowing, or other mechanical techniques approved by the Commissioner.
- H. Prescribed integrated management techniques do not include the use of any biocontrol agents, herbicides, cultural techniques, or mechanical techniques other than those approved by the Commissioner.
- I. Seed longevity is unknown. Infested sites must be monitored for at least 10 years after the populations have been eliminated and treatments must be repeated when necessary to prevent flowering and development of seed.

4.7.31. Wild caraway (*Carum carvi*). In addition to the requirements set forth in this Part 4 for the management of all List B species, the following conditions also apply for wild caraway:

- A. Elimination of all populations is required prior to seed development in 2016 and each year thereafter in all Colorado counties except for Larimer and Summit Counties and those counties specified in Part 4.7.31D.
- B. Elimination of all populations in Larimer County is required prior to seed development in 2016 and each year thereafter for all land outside the boundaries of an area demarcated by the western and northern borders of Larimer County, Longitude 105° 41' 19" on the east, and State Highway 14 on the south. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.31E and as otherwise specified in this section, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 28.01).
- C. Elimination of all populations in Summit County is required prior to seed development in 2016 and each year thereafter for all land outside the boundaries of an area demarcated by Interstate 70 on the south, and the western, northern, and eastern borders of Summit County. Except as specified in Part 4.7.31E and Part 4.7.31F, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 28.02).
- D. Except as specified in Part 4.7.31E and Part 4.7.31F, suppression is the specified State management objective for all populations in Jefferson, Rio Grande and Routt Counties.

- E. All populations on public land in this state that are within 15 feet from the edge of any public road and any immediately adjacent area used for parking must be eliminated prior to seed development on an annual basis.
  - F. All populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and are within ¼-mile of the downstream boundary of the county, must be treated to meet the higher treatment requirement of the two counties by 2016, and each year thereafter. For the mainstem of the South Platte River where it forms the boundary between Douglas and Jefferson counties, all populations need to be eliminated on both banks from the center of the mainstem river to 15 feet beyond the ordinary high water mark by 2014, and each year thereafter.
  - G. The prescribed integrated management techniques for the eradication of designated populations are limited to the use of herbicides approved by the Commissioner and hand-pulling, digging, tilling or other mechanical techniques approved by the Commissioner.
  - H. Prescribed integrated management techniques do not include the use of any biocontrol agents, herbicides, cultural techniques, or mechanical techniques other than those approved by the Commissioner.
  - I. Seed longevity is unknown. Infested sites must be monitored for at least 10 years after the populations have been eliminated and treatments must be repeated when necessary to prevent flowering and development of seed.
- 4.7.32. Yellow nutsedge (*Cyperus esculentus*). In addition to the requirements set forth in this Part 4 for the management of all List B species, the following conditions also apply for yellow nutsedge:
- A. Elimination of all populations is required prior to seed development in 2017 and each year thereafter in all Colorado counties except for Boulder, Delta, Mesa, Weld, and Yuma Counties, and those counties specified in Part 4.7.32G.
  - B. Elimination of all populations in Boulder County is required prior to seed development in 2017 and each year thereafter for all land outside the boundaries of an area demarcated by the northern, eastern, and southern borders of Boulder County, and Longitude 105°18'18.0"W on the west. Except as specified in Part 4.7.32H and Part 4.7.32I, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 29.01).
  - C. Elimination of all populations in Delta County is required prior to seed development in 2017 and each year thereafter for all land outside the boundaries of an area demarcated by the northern, western, and southern borders of Delta County, and US Highway 50 on the east. Except as specified in Part 4.7.32H and

in Part 4.7.32I, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 29.02).

- D. Elimination of all populations in Mesa County is required prior to seed development in 2017 and each year thereafter for all land outside the boundaries of an area demarcated by the eastern, northern, and western borders of Mesa County, and Latitude 38°59'1.0"N on the south. Except as specified in Part 4.7.32H and in Part 4.7.32I, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 28.03).
- E. Elimination of all populations in Weld County is required prior to seed development in 2017 and each year thereafter for all land outside the boundaries of an area demarcated by State Highway 14 on the north, US Highway 85 on the east, County Road 74 on the south, and County Road 55 and Longitude 108°32'46.0"W on the west. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.32H and as otherwise specified in this section, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 29.04).
- F. Elimination of all populations in Yuma County is required prior to seed development in 2017 and each year thereafter for all land outside the boundaries of an area demarcated by US Highway 36 on the north, County Road V on the west, and the southern and eastern borders of Yuma County. Except as specified in Part 4.7.32H and Part 4.7.32I, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 29.05).
- G. Except as specified in Part 4.7.32H and Part 4.7.32I, suppression is the specified State management objective for all populations in Bent, Costilla, Denver, Douglas, Eagle, Jefferson, Lincoln, and San Juan Counties.
- H. All populations on public land in this state that are within 15 feet from the edge of any public road and any immediately adjacent area used for parking, must be eliminated prior to seed development on an annual basis.
- I. All populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and are within ¼-mile of the downstream boundary of the county, must be treated to meet the higher treatment requirement of the two counties by 2017, and each year thereafter. For the mainstem of the Rio Grande where it forms the boundary between Conejos and Costilla counties, all populations need to be eliminated on both banks from the center of the mainstem river to 15 feet beyond the ordinary high water mark by 2017, and each year thereafter.

- J. The prescribed integrated management techniques for the eradication of designated populations are limited to the use of herbicides approved by the Commissioner and hand-pulling, digging, or other mechanical techniques approved by the Commissioner.
- K. Prescribed integrated management techniques do not include the use of any biocontrol agents, herbicides, cultural techniques, or mechanical techniques other than those approved by the Commissioner.
- L. Seed longevity is unknown. Infested sites must be monitored for at least ten years after the populations have been eliminated and treatments must be repeated when necessary to prevent flowering and development of seed.

4.7.33. Quackgrass (*Elymus repens*). Moved to List C in 2014.

4.7.34. Canada thistle (*Cirsium arvense*). In addition to the requirements set forth in this Part 4 for the management of all List B species, the following conditions also apply for Canada thistle:

- A. Elimination of all populations is required prior to seed development in 2017 and each year thereafter in all Colorado counties except for Alamosa, Conejos, Las Animas, Mesa, Prowers, and Weld Counties, and those counties specified in Part 4.7.34H.
- B. Elimination of all populations in Alamosa County is required prior to seed development in 2017 and each year thereafter for all land outside the boundaries of an area demarcated by the western, southern, and eastern borders of Alamosa County, and US Highway 160, State Highway 17, County Road 0.0 (Stanley Road) on the north. Except as specified in Part 4.7.34I and Part 4.7.34J, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 30.01).
- C. Elimination of all populations in Conejos County is required prior to seed development in 2017 and each year thereafter for all land outside the boundaries of an area demarcated by the southern and eastern borders of Conejos County, Latitude 37°18'1.0"N on the north, and Longitude 106°22'51.0"W on the west. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. For the mainstem of the Rio Grande where it forms the boundary between Conejos and Costilla counties, all populations need to be eliminated on both banks from the center of the mainstem river to 15 feet beyond the ordinary high water mark by 2017, and each year thereafter. Except as specified in Part 4.7.34I and as otherwise specified in this section, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 30.02).

- D. Elimination of all populations in Las Animas County is required prior to seed development in 2017 and each year thereafter for all land outside the boundaries of an area demarcated by County Road 40.0 on the north, County Road 85.0 (Hoehne Road) on the west, US Highway 160 on the south, and Longitude 104°18'56.0"W on the east. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.34I and as otherwise specified in this section, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 30.03).
- E. Elimination of all populations in Mesa County is required prior to seed development in 2017 and each year thereafter for all land outside the boundaries of an area demarcated by the eastern, northern, and western borders of Mesa County, and Latitude 38°59'1.0"N on the south. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.34I and as otherwise specified in this section, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 30.04).
- F. Elimination of all populations in Prowers County is required prior to seed development in 2017 and each year thereafter for all land outside the boundaries of an area demarcated by the northern, eastern, and southern borders of Prowers County, and County Roads 21.00, N.00, and 19.00, Highway 196, and US Highway 385 on the west. Except as specified in Part 4.7.34I and Part 4.7.34J, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 30.05).
- G. Elimination of all populations in Weld County is required prior to seed development in 2017 and each year thereafter for all land outside the boundaries of an area demarcated by the northern, western, and southern borders of Weld County, and the lower eastern border of Weld County, County Road 74, State Highway 392, County Road 77, County Road 136, and County Road 79 on the east. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet the treatment requirement for the area immediately downstream. Except as specified in Part 4.7.34I and as otherwise specified in this section, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 30.06).

- H. Except as specified in Part 4.7.34I and Part 4.7.34J, suppression is the specified State management objective for all populations in Adams, Arapahoe, Archuleta, Bent, Boulder, Broomfield, Chaffee, Cheyenne, Costilla, Crowley, Custer, Delta, Denver, Dolores, Douglas, Eagle, El Paso, Elbert, Fremont, Garfield, Gilpin, Grand, Gunnison, Hinsdale, Huerfano, Jackson, Jefferson, Kit Carson, La Plata, Lake, Larimer, Lincoln, Logan, Mineral, Moffat, Montezuma, Montrose, Morgan, Otero, Ouray, Park, Phillips, Pitkin, Pueblo, Rio Blanco, Rio Grande, Routt, Saguache, San Juan, San Miguel, Sedgwick, Summit, Teller and Yuma Counties.
  - I. All populations on public land in this state that are within 15 feet from the edge of any public road and any immediately adjacent area used for parking, must be eliminated prior to seed development on an annual basis.
  - J. All populations that are located within the area from the center of any river or perennial or intermittent stream to 15 feet beyond the ordinary high water mark on both banks, and are within ¼-mile of the downstream boundary of the county, must be treated to meet the higher treatment requirement of the two counties by 2017, and each year thereafter. For the mainstem of the Rio Grande where it forms the boundary between Conejos and Costilla counties, all populations need to be eliminated on both banks from the center of the mainstem river to 15 feet beyond the ordinary high water mark by 2017, and each year thereafter.
  - K. The prescribed integrated management techniques for the eradication of designated populations are limited to the use of herbicides approved by the Commissioner, and mowing or other mechanical techniques approved by the Commissioner.
  - L. Prescribed integrated management techniques do not include the use of any biocontrol agents, herbicides, cultural techniques, or mechanical techniques other than those approved by the Commissioner.
  - M. Seed longevity is estimated to be up to 20 years. Infested sites must be monitored for at least 20 years after the populations have been eliminated and treatments must be repeated when necessary to prevent flowering and development of seed.
- 4.7.35. Russian-olive (*Elaeagnus angustifolia*). In addition to the requirements set forth in this Part 4 for the management of all List B species, the following conditions also apply for Russian-olive populations occurring in public open space areas, and within 100 feet of any intermittent or perennial streams, rivers, lakes and reservoirs. These conditions also apply to any Russian-olive populations that are directly contiguous to any Russian-olive populations within this 100-foot treatment area.
- A. Elimination is required prior to seed development in 2022 and each year thereafter in all Colorado counties except for Arapahoe, Boulder, Chaffee, Conejos, Crowley, Delta, Dolores, El Paso, Larimer, Las Animas, Moffat,

Montrose, Morgan, Prowers, Rio Blanco, and San Miguel Counties and those counties specified in Part 4.7.35S.

- B. Elimination in Archuleta County is required prior to seed development in 2017 and each year thereafter.
- C. Elimination in Arapahoe County is required prior to seed development in 2022 and each year thereafter for all land outside the boundaries of an area demarcated by the northern, western, and southern borders of Arapahoe County, and Interstate Highway 70 on the east. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 100 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet or exceed the treatment requirement for the area immediately downstream by 2018, and each year thereafter. Except as specified in Part 4.7.35T and as otherwise specified in this section, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 31.01).
- D. Elimination in Boulder County is required prior to seed development in 2022 and each year thereafter for all land outside the boundaries of an area demarcated by the northern, eastern, and southern borders of Boulder County, and Longitude 105°18'18.0"W on the west. Except as specified in Part 4.7.35T and Part 4.7.35U, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 31.02).
- E. Elimination in Chaffee County is required prior to seed development in 2022 and each year thereafter for: (Area 1) all land beyond a ½-mile from the center of the Arkansas River between the Town of Americus and the western border of Chaffee County; and (Area 2) all land beyond ½-mile from the center of the South Arkansas River between County Road 210 and its confluence with the Arkansas River; and (Area 3) all land beyond a mile from the center of Harrington Gulch from the headwater to its confluence with the Arkansas River. Except as specified in Part 4.7.35T and Part 4.7.35U, for all land within the areas described above, suppression is the specified State management objective (see Rule 4.8, Figure 31.03).
- F. Elimination in Conejos County is required prior to seed development in 2022 and each year thereafter for all land outside the boundaries of an area demarcated by the northern, eastern, and southern borders of Conejos County, and Longitude 106°8'58.0"W and State Highway 15 on the west. Except as specified in Part 4.7.35T and Part 4.7.35U, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 31.04).
- G. Elimination in Crowley County is required prior to seed development in 2022 and each year thereafter for all land beyond a ½-mile from the center of the following stream segments: (Area1) the Colorado Canal between the western border of

Crowley County and Lake Henry; (Area 2) Bob Creek from the headwaters to Lake Meredith Reservoir; and (Area 3) Horse Creek between the northern and southern borders of Crowley County. Except as specified in Part 4.7.35T and Part 4.7.35U, for all land within the areas described above, suppression is the specified State management objective (see Rule 4.8, Figure 31.05).

- H. Elimination in Delta County is required prior to seed development in 2022 and each year thereafter for: (Area1) all land beyond a mile from the center of the North Fork of the Gunnison River between the Town of Paonia and its confluence with the Gunnison River; and (Area 2) all land beyond a mile from the center of the Gunnison River between its confluence with the North Fork of the Gunnison River and its confluence with Cummings Gulch; and (Area 3) all land beyond ½ mile from the center of the Uncompahgre River between the southern border of Delta County and its confluence with the Gunnison River. Except as specified in Part 4.7.35T and Part 4.7.35U, for all land within the areas described above, suppression is the specified State management objective (see Rule 4.8, Figure 31.06).
- I. Elimination in Dolores County is required prior to seed development in 2022 and each year thereafter for all land outside the boundaries of an area demarcated by the northern, western, and southern borders of Dolores County, and the Dolores River on the east. Except as specified in Part 4.7.35T and Part 4.7.35U, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 31.07).
- J. Elimination in El Paso County is required prior to seed development in 2022 and each year thereafter for all land outside the boundaries of an area demarcated by the southern, western, and northern borders of El Paso County, and County Road 405, Falcon Highway, County Road 463, and Peyton Highway on the east. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 100 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet or exceed the treatment requirement for the area immediately downstream by 2018, and each year thereafter. Except as specified in Part 4.7.35T and as otherwise specified in this section, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 31.08).
- K. Elimination in Larimer County is required prior to seed development in 2022 and each year thereafter for all land outside the boundaries of an area demarcated by the northern, eastern, and southern borders of Larimer County, and Longitude 105°20'20.0"W on the west. Except as specified in Part 4.7.35T and Part 4.7.35U, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 31.09).
- L. Elimination in Las Animas County is required prior to seed development in 2022 and each year thereafter for all land beyond a ½-mile from the center of the Purgatoire River between Trinidad Lake and County Road 32.0. Except as



specified in Part 4.7.35T and Part 4.7.35U, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 31.10).

- M. Elimination in Moffat County is required prior to seed development in 2022 and each year thereafter for all lands within a ½ mile from the center of the following stream segments: (Area1) the Little Snake River between the northern border of Moffat County and County Road 10; (Area 2) the Yampa River between the eastern border of Moffat County and County Road 25; and (Area 3) the Yampa River between the eastern boundary of T6N R99W Section 26 and the western border of Moffat County. Except as specified in Part 4.7.35T and Part 4.7.35U, for all land outside the areas described above, suppression is the specified State management objective (see Rule 4.8, Figure 31.11).
- N. Elimination in Montrose County is required prior to seed development in 2022 and each year thereafter for all lands beyond a ½-mile from the center of the following stream segments: (Area 1) the Dolores River between the northern and southern borders of Montrose County; (Area 2), West Paradox Creek between the western boundary of the Manti-La Sal National Forest and its confluence with the Dolores River; (Area 3), the San Miguel River between the southern border of Montrose County and its confluence with the Dolores River; and (Area 4) Naturita Creek between the southern border of Montrose County and its confluence with the San Miguel River; and outside an area demarcated by the northern, eastern, and southern borders of Montrose County, and Longitude 108°7'25.0"W on the west. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 100 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet or exceed the treatment requirement for the area immediately downstream by 2018, and each year thereafter. Except as specified in Part 4.7.35T and as otherwise specified in this section, for all land within the areas described above, suppression is the specified State management objective (see Rule 4.8, Figure 31.12).
- O. Elimination in Morgan County is required prior to seed development in 2022 and each year thereafter for all land beyond a mile from the center of the South Platte River between the western and eastern borders of Morgan County. Except as specified in Part 4.7.35T and Part 4.7.35U, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 31.13).
- P. Elimination in Prowers County is required prior to seed development in 2022 and each year thereafter for all land beyond a mile from the center of the Arkansas River between the western and eastern borders of Prowers County. Except as specified in Part 4.7.35T and Part 4.7.35U, for all land within the area described above, suppression is the specified State management objective (see Rule 4.8, Figure 31.14).

- Q. Elimination in Rio Blanco County is required prior to seed development in 2022 and each year thereafter for all lands beyond a ½-mile from the center of the following stream segments: (Area 1) the White River between the western border of Rio Blanco County and its confluence with Curtis Creek to the east of the Town of Meeker; (Area 2) and Douglas Creek between the southern border of Rio Blanco County and its confluence with the White River. Except as specified in Part 4.7.35T and Part 4.7.35U, for all land within the areas described above, suppression is the specified State management objective (see Rule 4.8, Figure 31.15).
- R. Elimination in San Miguel County is required prior to seed development in 2022 and each year thereafter for all land beyond a ½-mile from the center of the following stream segments: (Area 1) the Dolores River between its confluence with Summit Canyon Creek and its confluence with Blue Canyon Creek; (Area 2) Bishop Canyon Creek between the northern boundary of T43N R19W Section 32 and County Road 6H; and (Area 3) Chico Creek between State Highway 141 and the southern border of San Miguel County; and outside an area demarcated by County Road U29 on the west, the northern border of Montrose County and State Highway 145 on the north, County Road 44Z on the east, and Latitude 38°3'58.0"N on the south. Within these boundaries, all populations that are located within the area from the center of any river or perennial or intermittent stream to 100 feet beyond the ordinary high water mark on both banks, and that are within ¼-mile of the downstream boundary of this area, must be treated to meet or exceed the treatment requirement for the area immediately downstream by 2018, and each year thereafter. Except as specified in Part 4.7.35T and as otherwise specified in this section, for all land within the areas described above, suppression is the specified State management objective (see Rule 4.8, Figure 31.16).
- S. Except as specified in Part 4.7.35T and Part 4.7.35U, suppression is the specified State management objective in Alamosa, Baca, Bent, Costilla, Douglas, Garfield, Huerfano, Jefferson, Lincoln, Logan, Mesa, Montezuma, and Pueblo Counties.
- T. All populations on public land in this state that are within 15 feet from the edge of any public road and any immediately adjacent area used for parking, must be eliminated prior to seed development on an annual basis.
- U. All populations that are located within the area from the center of any river or perennial or intermittent stream to 100 feet beyond the ordinary high water mark on both banks, and are within ¼-mile of the downstream boundary of the county, must be treated to meet the higher treatment requirement of the two counties by 2018, and each year thereafter.
- V. The prescribed integrated management techniques for the eradication of designated populations are limited to the use of herbicides approved by the Commissioner and hand-pulling, digging, sawing, or other mechanical techniques approved by the Commissioner.

- W. Prescribed integrated management techniques do not include the use of any biocontrol agents, herbicides, cultural techniques, or mechanical techniques other than those approved by the Commissioner.
- X. Seed longevity is estimated to be at least three years. Infested sites must be monitored for at least four years after the populations have been eliminated and treatments must be repeated when necessary to prevent stump and root re-sprouting.

4.8. Figures 1.01 – 31.16

## **Part 5 List C Noxious Weed Species**

5.1. List C of the Colorado noxious weed list comprises the following noxious weed species:

Bulbous bluegrass (*Poa bulbosa*)

Chicory (*Cichorium intybus*)

Common burdock (*Arctium minus*)

Common mullein (*Verbascum thapsus*)

Common St. Johnswort (*Hypericum perforatum*)

Downy brome (*Bromus tectorum*)

Field bindweed (*Convolvulus arvensis*)

Halogeton (*Halogeton glomeratus*)

Johnsongrass (*Sorghum halepense*)

Perennial sowthistle (*Sonchus arvensis*)

Poison hemlock (*Conium maculatum*)

Puncturevine (*Tribulus terrestris*)

Quackgrass (*Elymus repens*)

Redstem filaree (*Erodium cicutarium*)

Velvetleaf (*Abutilon theophrasti*)

Wild proso millet (*Panicum miliaceum*)

5.2. List C noxious weed species are species for which the Commissioner, in consultation with the state noxious weed advisory committee, local governments, and other interested parties, will develop and implement state noxious weed management plans designed to support the efforts of local governing bodies to facilitate more effective integrated weed management on private and public lands. The goal of such plans will not be to stop the continued spread of these species but to provide additional education, research, and biological control resources to jurisdictions that choose to require management of List C species.

## **Part 6 Watch List Species**

6.1. The Watch List is comprised of the following species:

- Asian mustard (*Brassica tournefortii*)
- Baby's breath (*Gypsophila paniculata*)
- Bathurst burr, Spiny cocklebur (*Xanthium spinosum*)
- Brazilian egeria, Brazilian elodea (*Egeria densa*)
- Common bugloss (*Anchusa officinalis*)
- Common reed (*Phragmites australis*)
- Flowering rush (*Butomus umbellatus*)
- Garden Loosestrife (*Lysimachia vulgaris*)
- Garlic mustard (*Alliaria petiolata*)
- Himalayan blackberry (*Rubus armeniacus*)
- Japanese blood grass/cogongrass (*Imperata cylindrica*)
- Meadow hawkweed (*Hieracium caespitosum*)
- Onionweed (*Asphodelus fistulosus*)
- Parrotfeather (*Myriophyllum aquaticum*)
- Purple pampas grass (*Cortaderia jubata*)
- Scotch broom (*Cytisus scoparius*)
- Sericea lespedeza (*Lespedeza cuneata*)
- Swainsonpea (*Sphaerophysa salsula*)
- Syrian beancaper (*Zygophyllum fabago*)
- Water hyacinth (*Eichhornia crassipes*)
- Water lettuce (*Pistia stratiotes*)
- White bryony (*Bryonia alba*)
- Woolly distaff thistle (*Carthamus lanatus*)

Yellow flag iris (*Iris pseudacorus*)

Yellow floatingheart (*Nymphoides peltata*)

Yellowtuft (*Alyssum murale*, *Alyssum corsicum*)

- 6.2. Watch List weed species are species for which the Commissioner, in consultation with the state noxious weed advisory committee, local governments, and other interested parties, has determined to pose a potential threat to the agricultural productivity and environmental values of the lands of the state. The Watch List is intended to serve advisory and educational purposes only. Its purpose is to encourage the identification and reporting of these species to the Commissioner in order to facilitate the collection of information to assist the Commissioner in determining which species should be designated as noxious weeds. The Commissioner may place a plant species on the Watch List if any of the following are present:
- 6.2.1. The plant species is not known to occur in the state, but its noxious characteristics are recognized by another state or states in the region.
  - 6.2.2. The plant species is not known to occur in the state, but has been found to exhibit noxious characteristics in agricultural lands and/or native plant communities similar to those found in Colorado.
  - 6.2.3. The plant species with suspected noxious qualities as determined by the use of a plant assessment process is present in the state but its distribution and effect on agricultural and natural lands is undetermined at this time.
- 6.3. Once the noxious characteristics and distribution of plant species on the Watch List are better known, the Commissioner, in consultation with the state noxious weed advisory committee, local governments, and other interested parties, may act to place a species on List A or List B, or may remove it from the Watch List.

## **Part 7 Compliance Waiver**

- 7.1. Local governing bodies and landowners with any population of any List A species or population of any List B species may apply for a compliance waiver granted by the Commissioner.
- 7.2. To apply for a compliance waiver, local governing bodies or landowners must submit a written petition to the State Weed Coordinator via mail (Colorado Department of Agriculture, 305 Interlocken Parkway, Broomfield, CO 80021), fax (303) 466-2860, or email ([weeds@state.co.us](mailto:weeds@state.co.us) with "Attention: noxious weed petition" in the subject line). The Department will only consider a petition for waiver during the growing season of the target weed when the extent of the problem can be properly evaluated at the site for which the petition is submitted. The petition should provide specific information pertinent to the reevaluation of the specified management objective for the target weed in a specified geographic region.
- 7.3. The Commissioner will evaluate petitions using the following criteria:
- A. The known distribution of the target weed species in the specified geographic region;

- B. The feasibility of current control technologies to achieve the management objective for the target population;
- C. The cost of carrying out the management objective specified in the target weed management plan; and
- D. Any other site-specific information that establishes that the specified management objective is not feasible for a specific population in a specified geographic region.

Petitioners must address these criteria and explain specifically what conditions exist that establish that the specified management objective is not viable.

- 7.4. The Commissioner will grant or deny a petition within fifteen business days of receiving it.
- 7.5. The Commissioner may revoke a compliance waiver at any time if the information provided in the petition was incomplete or inaccurate, or if conditions change such that the specified management objective becomes viable.

## **Part 8 Statements of Basis, Specific Statutory Authority and Purpose**

### **8.1. February 11, 2004 – Effective May 3, 2004**

#### **Statutory Authority**

These permanent rules are adopted by the Commissioner of Agriculture pursuant to his authority under the Colorado Noxious Weed Act, §§ 35-5.5-108 and 115, C.R.S. (2003).

#### **Purpose**

The purpose of these permanent rules is to: (1) repeal all of the existing permanent rules for the administration and enforcement of the Colorado Noxious Weed Act, §§ 35-5.5-101 through 119, C.R.S. (2003), currently published at 8 C.C.R. 1203-15 (including the Statement of Basis, Purpose and Statutory Authority as well as Rules 1 through 3) and; (2) replace the current permanent rules with new permanent rules which implement the Colorado Noxious Weed Act as amended by the General Assembly in its 2003 regular session. Specifically, the purposes of these new permanent rules are to designate state noxious weeds, classify state noxious weeds into three categories (List A, B, and C), develop and implement state noxious weed management plans for List A noxious weed species, prescribe integrated management techniques to achieve eradication of List A species, and provide a process for granting compliance waivers to local governing bodies and landowners in order to develop and implement a coordinated, statewide effort to stop the spread of noxious weeds and mitigate their impacts to agriculture and the environment.

#### **Factual and Policy Issues**

The factual and policy issues encountered in the proposal of these permanent rules are as follows:

- 1. Several million acres of Colorado are infested with invasive non-indigenous plants that are continuing to spread to uninfested lands and increase in abundance.

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2. A number of these species, designated as state noxious weeds, aggressively invade or are detrimental to economic crops or native plant communities, are poisonous to livestock, are carriers of detrimental insects, diseases, or parasites, or are detrimental, directly or indirectly, to the environmentally sound management of natural or agricultural systems.
3. Noxious weeds are a present threat to the economic and environmental value of the lands of the state of Colorado and it is a matter of statewide importance that the governing bodies of counties and municipalities manage such weeds in a coordinated manner across the state. Lack of such coordination makes weed management efforts unnecessarily costly and limits the effectiveness of public and private efforts to control such noxious weeds.
4. A broad array of public and private organizations support efforts to develop and implement a coordinated, statewide effort to stop the spread of noxious weeds.
5. Classifying designated noxious weeds into specific management categories will provide a means to focus public and private resources strategically and in a cost-effective manner.
6. By eradicating rare noxious weed species quickly (List A), these species can be prevented from establishing permanent populations in Colorado from which they will spread to harm the agricultural and environmental values of the lands of Colorado.
7. It is important that local governing bodies and affected landowners apply integrated management techniques that will achieve the specified management objectives, particularly for eradication. Some techniques are more effective than others (prescribed) and some techniques are likely to be ineffective or contribute to the spread of the weed species (not prescribed). Prescribing integrated management techniques to achieve specified management objectives will help landowners achieve management objectives such as eradication in a timely manner while limiting environmental damage, effort, and cost.
8. By stopping the spread of well-established species (List B), the values of uninfested lands for agriculture or the environment can be protected and the costs of land management to private and public landowners can be limited or reduced.
9. By educating the public about improved management for widespread species (List C), the harm associated with these species can be reduced and such efforts can be made more cost-effective for many citizens.
10. To accomplish the goals associated with List A (statewide eradication) and List B (halted spread) it is necessary to develop and implement statewide plans to coordinate appropriate actions at the private, local, state, and federal levels. Without such plans, it will be difficult to focus public and private resources strategically and in a cost-effective manner to achieve these goals.
11. In order to provide flexibility to respond to changing circumstances with respect to the distribution of weed populations, it is important to provide the state, local governing



bodies, and landowners with a process to amend the requirement to eradicate a particular noxious weed. Without such a compliance waiver process, these rules may become unnecessarily burdensome.

12. The absence of rules to implement a coordinated statewide effort to manage noxious weeds results in increased management costs to public and private interests, a reduction in the effectiveness of individual efforts, and the continued loss of agricultural and environmental values to the invasion of noxious weeds.

## **8.2. March 4, 2005 – Effective May 2, 2005**

### **Statutory Authority**

These amendments to the rules are adopted by the Commissioner of Agriculture pursuant to his authority under the Colorado Noxious Weed Act, §§ 35-5.5-108 and 115, C.R.S. (2004).

### **Purpose**

The purposes of these amendments to the rules are to: (1) designate additional species of noxious weeds for inclusion in the current categories (Lists A, B, C) listed in Parts 3, 4 and 5 of the existing Rules; (2) reclassify some of the currently listed noxious weeds to different categories; (3) develop and implement new state noxious weed management plans for additional species listed for statewide eradication (List A); (4) develop and implement state noxious weed management plans for selected List B species and; (5) identify priority List B species, among other possible List B species, for which the Commissioner intends to develop and implement state noxious weed management plans.

### **Factual Basis**

The factual and policy issues encountered in the proposal of these amendments to the rules are as follows:

1. It is necessary to periodically adjust the state noxious weed list to address emerging plant pest threats as they become known to the state.
2. The current rules pertaining to the administration and enforcement of the Colorado Noxious Weed Act state that the Commissioner will develop and implement state noxious weed management plans for selected List B species.
3. State noxious weed management plans are necessary in order to coordinate appropriate actions at the private, local, state, and federal levels that will halt the continued spread of these List B species.
4. The proposed plans have been developed in consultation with the state noxious weed advisory committee, local governments, and other interested parties.

## **8.3. March 9, 2006 – Effective May 30, 2006**

### **Statutory Authority**

These amendments to the rules are adopted by the Commissioner of Agriculture pursuant to his authority under the Colorado Noxious Weed Act, §§ 35-5.5-108 and 115, C.R.S. (2005).

### **Purpose**

The purposes of these amendments to the rules are to: (1) develop and implement state noxious weed management plans for selected List B species and (2) identify priority List B species, among other possible List B species, for which the Commissioner intends to develop and implement state noxious weed management plans. The rule will also be moved to the Conservation Services Division section of the CCR and renumbered to 8 CCR 1206-2 to reflect a reorganization in the Colorado Department of Agriculture moving the noxious weed program to this division.

### **Factual Basis**

The factual and policy issues encountered in the proposal of these amendments to the rules are as follows:

1. The current rules pertaining to the administration and enforcement of the Colorado Noxious Weed Act state that the Commissioner will develop and implement state noxious weed management plans for selected List B species.
2. State noxious weed management plans are necessary in order to coordinate appropriate actions at the private, local, state, and federal levels that will halt the continued spread of these List B species.
3. The proposed plans have been developed in consultation with the state noxious weed advisory committee, local governments, and other interested parties.

### **8.4. May 3, 2007 – Effective July 1, 2007**

#### **Statutory Authority**

These amendments to the rules are adopted by the Commissioner of Agriculture pursuant to his authority under the Colorado Noxious Weed Act, §§ 35-5.5-108 and 115, C.R.S. (2005).

#### **Purpose**

The purposes of these amendments to the rules are to: (1) develop and implement state noxious weed management plans for selected List B species, (2) revise existing state noxious weed management plans for selected List B species, and (3) identify priority List B species, among other possible List B species, for which the Commissioner intends to develop and implement state noxious weed management plans.

#### **Factual Basis**

The factual and policy issues encountered in the proposal of these amendments to the rules are as follows:

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1. The current rules pertaining to the administration and enforcement of the Colorado Noxious Weed Act state that the Commissioner will develop and implement state noxious weed management plans for selected List B species.
2. State noxious weed management plans are necessary in order to coordinate appropriate actions at the private, local, state, and federal levels that will halt the continued spread of these List B species.
3. The proposed plans have been developed in consultation with the state noxious weed advisory committee, local governments, and other interested parties.
4. To maintain the effectiveness of implemented plans, it will be necessary to modify periodically containment boundaries and dates identified for elimination of populations designated for eradication.

#### **8.5. August 12, 2008 – Effective September 30, 2008**

##### **Statutory Authority**

These amendments to the rules are adopted by the Commissioner of Agriculture pursuant to his authority under the Colorado Noxious Weed Act, §§ 35-5.5-108 and 115, C.R.S. (2007).

##### **Purpose**

The purposes of these amendments to the rules are to: (1) develop and implement state noxious weed management plans for selected List B species; (2) revise existing state noxious weed management plans for selected List B species; (3) reclassify two of the currently listed noxious weeds to different categories; and (4) identify priority List B species, among other possible List B species, for which the Commissioner intends to develop and implement state noxious weed management plans.

##### **Factual and Policy Issues**

The factual and policy issues encountered in the proposal of these amendments to the rules are as follows:

1. The current rules pertaining to the administration and enforcement of the Colorado Noxious Weed Act state that the Commissioner will develop and implement state noxious weed management plans for selected List B species.
2. State noxious weed management plans are necessary in order to coordinate appropriate actions at the private, local, state, and federal levels that will halt the continued spread of these List B species.
3. The proposed plans have been developed in consultation with the state noxious weed advisory committee, local governments, and other interested parties.

#### **8.6. July 16, 2009 – Effective August 30, 2009**

## Statutory Authority

These amendments to the rules are adopted by the Commissioner of Agriculture pursuant to his authority under the Colorado Noxious Weed Act, §§ 35-5.5-108 and 115, C.R.S. (2008).

## Purpose

The purposes of these amendments to the rules are to: (1) develop and implement state noxious weed management plans for selected List B species; (2) revise existing state noxious weed management plans for selected List B species; (3) reclassify one of the currently listed noxious weeds to a different category; (4) eliminate one of the currently listed noxious weeds from one of two categories; and (5) identify priority List B species, among other possible List B species, for which the Commissioner intends to develop and implement state noxious weed management plans.

The proposed amendments to the rules are as follows:

1. Deletion from Rule 4.3 of the existing language stating that noxious weed management plans will be developed for Eurasian watermilfoil, Hoary cress, Russian knapweed, and sulfur cinquefoil for 2008 – 2009.
2. Addition to Rule 4.3 of new language to establish noxious weed management plans for Eurasian watermilfoil, scentless chamomile, musk thistle, bull thistle, and Scotch thistle for 2009-2010.
3. Addition of Mesa County to the list of Colorado counties in Rule 4.7.11A where elimination of Perennial pepperweed is required.
4. Addition of a new paragraph B to Rule 4.7.11 to require elimination of all populations of Perennial pepperweed in Mesa County prior to seed development in 2012.
5. Addition of new Rule 4.7.16 to establish noxious weed management plans for Hoary cress (*Cardaria draba*).
6. Addition of new Rule 4.7.17 to establish noxious weed management plans for Russian knapweed (*Centaurea repens*).
7. Addition of new Rule 4.7.18 to establish noxious weed management plans for Sulfur cinquefoil (*Potentilla recta*).
8. Addition of figures 149 to 185 in Rule 4.8 map numbers to reflect the new noxious weed management plans for Hoary cress, Russian knapweed, and Sulfur cinquefoil.
9. Deletion of Jointed goatgrass (*Aegilops cylindrical*) from List C in Rule 5.1.
10. Addition of Redstem filaree (*Erodium cicutarium*) to List C in Rule 5.1.

## Factual and Policy Issues

The factual and policy issues encountered in the proposal of these amendments to the rules are as follows:

1. The current rules pertaining to the administration and enforcement of the Colorado Noxious Weed Act state that the Commissioner will develop and implement state noxious weed management plans for selected List B species.
2. State noxious weed management plans are necessary in order to coordinate appropriate actions at the private, local, state, and federal levels that will halt the continued spread of these List B species.
3. The proposed plans have been developed in consultation with the state noxious weed advisory committee, local governments, and other interested parties. The proposed plans include weed management plans for Hoary cress (*Cardaria draba*), Russian knapweed (*Centaurea repens*), and sulfur cinquefoil (*Potentilla recta*).
4. To maintain the effectiveness of implemented plans, it will be necessary to modify periodically containment boundaries and dates identified for elimination of populations designated for eradication. Dates specified for elimination that expire by 2009 will be reviewed and modified accordingly.
5. As per the recommendation of the Colorado Noxious Weed Advisory Committee, the removal of Jointed goatgrass (*Aegilops cylindrical*) from List C as it has previously been added to List B.
6. As per the recommendation of the Colorado Noxious Weed Advisory Committee, the addition of Redstem filaree (*Erodium cicutarium*) to List C as populations are too numerous in the state to feasibly require elimination.

#### **8.7. June 10, 2010 – Effective July 30, 2010**

##### **Statutory Authority**

These amendments to the rules are adopted by the Commissioner of Agriculture pursuant to his authority under the Colorado Noxious Weed Act, §§ 35-5.5-108 and 115, C.R.S. (2009).

##### **Purpose**

The purpose of these amendments to the rules are to: (1) develop and implement state noxious weed management plans for selected List B species; (2) revise existing state noxious weed management plans for selected List B species; (3) add “ordinary high water mark” to the definitions; (4) revise existing rules to incorporate definition of ordinary high water mark; (5) identify priority List B species, among other possible List species, for which the Commissioner intends to develop and implement state noxious weed management plans; (6) make non-substantive edits to clarify where the exceptions requiring elimination along roads and streams apply; and (7) correct non-substantive typographical errors and update internal citations to reflect new rules.

The specific amendments to the rules are as follows:

This copy of the text of the “Rules Pertaining to the Administration and Enforcement of the Colorado Noxious Weed Act” is provided as a convenience to the public by the Colorado Department of Agriculture and does not constitute an official publication of these Rules. The official version of these Rules is published by the Office of the Secretary of State in the Colorado Code of Regulations at 8 CCR 1206-2 and may be obtained from the following website: <http://www.sos.state.co.us/CCR/Welcome.do>.

1. Delete from Rule 4.3 the existing language stating that noxious weed management plans will be developed for Eurasian watermilfoil, scentless chamomile, musk thistle, bull thistle, and Scotch thistle for 2009 - 2010.
2. Add to Rule 4.3 new language to initiate the development and implementation noxious weed management plans for Dame's rocket, Russian-olive, Common teasel, Cutleaf teasel, Canada thistle, and Quackgrass in 2010 – 2011.
3. Add "ordinary high water mark" to Part 1 Definitions, 1.7.
4. Replace current language referring to high water line with new language using the definition of "ordinary high water mark" in the Rules for the following species: Chinese clematis, leafy spurge, hoary cress, and Russian knapweed.
5. Add new Rule 4.7.19 to establish a noxious weed management plan for Bull thistle (*Cirsium vulgare*).
6. Add new Rule 4.7.20 to establish a noxious weed management plan for Eurasian watermilfoil (*Myriophyllum spicatum*).
7. Add new Rule 4.7.21 to establish a noxious weed management plan for Musk thistle (*Carduus nutans*).
8. Add of new Rule 4.7.22 to establish a noxious weed management plan for Scentless chamomile (*Matricaria perforata*).
9. Add new Rule 4.7.23 to establish a noxious weed management plan for Scotch thistle (*Onopordum acanthium* and *Onopordum tauricum*).
10. Add new figures 186 to 222 in Rule 4.8 to reflect the new noxious weed management plans for Bull thistle, Eurasian watermilfoil, Musk thistle, Scentless chamomile, and Scotch thistle.
11. Add Routt County to the list of Colorado counties in Rule 4.7.16U where suppression of Hoary cress is the specified state management objective.
12. Make non-substantive edits to language in Rules 4.7.1, Absinth wormwood; 4.7.2, Chinese clematis; 4.7.3, Plumeless thistle; 4.7.4, Spotted knapweed; 4.7.6, Black henbane; 4.7.7, Diffuse knapweed; 4.7.8, Oxeye daisy; 4.7.9, Yellow toadflax; 4.7.10, Houndstongue; 4.7.11, Perennial pepperweed; 4.7.12, Dalmatian toadflax; 4.7.13, Leafy spurge; 4.7.16, Hoary cress; 4.7.17, Russian knapweed; and 4.7.18 Sulfur cinquefoil to clarify where the exceptions requiring elimination along roads and streams apply.
13. Revise existing language on figures 1-185 to reflect non-substantive edits to clarify that exceptions requiring elimination along roads and streams apply.
14. Correct non-substantive typos in the following rules: 4.4; 4.5; 4.7.4C; and 4.7.7T.

## **Factual and Policy Issues**

The factual and policy issues encountered in the proposal of these amendments to the rules are as follows:

1. The current rules pertaining to the administration and enforcement of the Colorado Noxious Weed Act require the Commissioner to develop and implement state noxious weed management plans for selected List B species.
2. State noxious weed management plans are necessary in order to coordinate appropriate actions at the private, local, state, and federal levels that will halt the continued spread of these List B species.
3. The proposed plans have been developed in consultation with the state noxious weed advisory committee, local governments, and other interested parties. The proposed plans include weed management plans for Bull thistle (*Cirsium vulgare*), Eurasian watermilfoil (*Myriophyllum spicatum*), Musk thistle (*Carduus nutans*), Scentless chamomile (*Matricaria perforate*), and Scotch thistle (*Onopordum acanthium* and *Onopordum tauricum*).
4. To maintain the effectiveness of implemented plans, it is necessary to modify periodically containment boundaries and dates specified for elimination of populations designated for eradication. Routt County is being added to the list of counties where suppression is the state management objective for hoary cress in 4.7.16U based on new data the department received in 2010.
5. The new definition of “Ordinary High water mark” is intended to clarify the areas adjacent to streams and rivers in which certain species must be eliminated.

### **8.8. November 8, 2011 – Effective December 30, 2011**

#### **Statutory Authority**

These amendments to the rules are adopted by the Commissioner of Agriculture pursuant to his authority under the Colorado Noxious Weed Act, §§ 35-5.5-108 and 115, C.R.S.

#### **Purpose**

The purpose of these amendments to the rules are to: (1) designate additional species of noxious weeds for inclusion in the current categories (Lists A and C) listed in Parts 3 and 5 of the existing Rules; (2) move one noxious weed species from List A to the Watch List, and delete its management plan from Part 3; (3) develop and implement new state noxious weed management plans for additional species listed for statewide eradication (List A); (4) develop and implement state noxious weed management plans for selected List B species; (5) correct a management plan in Part 4; (6) add a new list (Watch List) at Part 6 and (7) correct non-substantive typographical errors and update internal citations to reflect new rules.

The specific amendments to the rules are as follows:

1. Add to Rule 3.1 the following species: Elongated mustard (*Brassica elongata*), Giant reed (*Arundo donax*), Japanese knotweed (*Polygonum cuspidatum*), Giant knotweed (*Polygonum sachalinense*) and Bohemian knotweed (*Polygonum x bohemicum*).
2. Move *Sericea lespedeza* (*Lespedeza cuneata*) from List A to the Watch List.
3. Delete 3.6.15, the management plan for *Sericea lespedeza* (*Lespedeza cuneata*).
4. Add new Rule 3.6.18 to establish a noxious weed management plan for Elongated mustard (*Brassica elongata*).
5. Add new Rule 3.6.19 to establish a noxious weed management plan for Giant reed (*Arundo donax*).
6. Add new Rule 3.6.20 to establish a noxious weed management plan for Japanese knotweed (*Polygonum cuspidatum*).
7. Add new Rule 3.6.21 to establish a noxious weed management plan for Giant knotweed (*Polygonum sachalinense*).
8. Add new Rule 3.6.22 to establish a noxious weed management plan for Bohemian knotweed (*Polygonum x bohemicum*).
9. Revise Rule 4.7.17.S to correct management techniques for Russian knapweed (*Centaurea repens*); and to remove Jefferson from list of counties in 4.7.17.A.
10. Revise Rule 4.7.22.G. to add Jefferson to the list of counties in 4.7.22.A.
11. Add new Rule 4.7.24 to establish a noxious weed management plan for Common teasel (*Dipsacus fullonum*).
12. Add new Rule 4.7.25 to establish a noxious weed management plan for Cutleaf teasel (*Dipsacus laciniatus*).
13. Add new Rule 4.7.26 to establish a noxious weed management plan for Dame's rocket (*Hesperis matronalis*).
14. Add new Rule 4.7.27 to establish a noxious weed management plan for Jointed goatgrass (*Aegilops cylindrica*).
15. Add new Rule 4.7.28 to establish a noxious weed management plan for Moth mullein (*Verbascum blattaria*).
16. Add new figures 223 through 257 to Rule 4.8 to reflect the new noxious weed management plans for common teasel, cutleaf teasel, dame's rocket, jointed goatgrass and moth mullein,



17. Add to Rule 5.1 Bulbous bluegrass (*Poa bulbosa*).
18. Add a new Part 6 Watch List Species.
19. Make non-substantive corrections of typographical errors in the rule in sections 4.7.4.E, 4.7.5.D, and 5.1.

### **Factual and Policy Issues**

The factual and policy issues encountered in the proposal of these amendments to the rules are as follows:

1. The Colorado Noxious Weed Act authorizes the Commissioner to designate by rule those species placed in List A and subject to eradication wherever detected statewide in order to protect neighboring lands and the state as a whole. The following new species have been determined to present a threat to the economic and environmental value of the state of Colorado are placed on List A: Elongated mustard (*Brassica elongata*), Giant reed (*Arundo donax*), Japanese knotweed (*Polygonum cuspidatum*), Giant knotweed (*Polygonum sachalinense*), and Bohemian knotweed (*Polygonum x bohemicum*)
2. The current rules pertaining to the administration and enforcement of the Colorado Noxious Weed Act state that the Commissioner will develop and implement state noxious weed management plans for selected List A and List B species.
3. State noxious weed management plans are necessary in order to coordinate appropriate actions at the private, local, state, and federal levels that will halt the continued spread of these List A and List B species.
4. The proposed plans have been developed in consultation with the state noxious weed advisory committee, local governments, and other interested parties. The proposed plans include weed management plans for List A species Elongated mustard (*Brassica elongata*), Giant reed (*Arundo donax*), Japanese knotweed (*Polygonum cuspidatum*), Giant knotweed (*Polygonum sachalinense*), and Bohemian knotweed (*Polygonum x bohemicum*), and List B species Common teasel (*Dipsacus fullonum*), Cutleaf teasel (*Dipsacus laciniatus*), Dame's rocket (*Hesperis matronalis*), Jointed goatgrass (*Aegilops cylindrical*), and Moth mullein (*Verbascum blattaria*).
5. The change to Rule 3.1 and 3.6.16 is due in order to move *Sericea lespedeza* (*Lespedeza cuneata*) from List A to the Watch List based on information gathered about the species that makes it less likely to appear in the state, but still worthy of continuing observation.
6. The change to Rule 4.7.17.A is due in order to implement Jefferson County's request that it be removed from the list of counties excepted from the requirement of eliminating Russian knapweed (*Centaurea repens*) from within its borders.
7. The change to Rule 4.7.17.S is due in order to correct the management techniques for Russian knapweed (*Centaurea repens*) which include hand pulling and digging. Due to

the extensive root systems of this species, hand pulling and digging are not considered to be effective in most instances, while mowing in combination with herbicide application is considered more effective.

8. The change to Rule 5.1 adds Bulbous bluegrass (*Poa bulbosa*) to List C, reflecting its invasive qualities as determined by a plant assessment process, and also recognizing its widespread distribution.
9. The change to Part 6 of the rule is due in order to create a new, non-regulatory invasive species list, called the Watch List. The purpose of the list is to encourage the identification and reporting of these species so that, in consultation with the state noxious weed advisory committee, local governments and other interested parties, the Commissioner may determine which of these species should be designated as noxious weeds.

#### **8.9. August 6, 2012 - Effective September 30, 2012**

##### **Statutory Authority**

These amendments to the rules are adopted by the Commissioner of Agriculture pursuant to his authority under the Colorado Noxious Weed Act, §§ 35-5.5-108 and 115, C.R.S.

##### **Purpose**

The purpose of these amendments to the rules are to: (1) designate additional plant species for inclusion on the Watch List; (2) develop and implement state noxious weed management plans for selected List B species; (3) correct scientific names of six noxious weed species to remain consistent with authoritative sources; (4) add management plan maps to accompany new management plans; and (5) correct non-substantive typographical errors and update internal citations to reflect new rules.

The specific amendments to the rules are as follows:

1. Correct in Rule 3.1, 3.6.2, and 3.6.8 the scientific names for camelthorn and meadow knapweed.
2. Correct in Rule 4.1, 4.7.4, 4.7.8, and 4.7.22 the scientific names for oxeye daisy, quackgrass, scentless chamomile and spotted knapweed.
3. Revise Rule 4.7.13 A and F to require Custer County to eradicate leafy spurge in its jurisdiction.
4. Revise Rule 4.7.22 to combine management plans for corn chamomile (*Anthemis arvensis*) and mayweed chamomile (*Anthemis cotula*), with the existing management plan for scentless chamomile (*Tripleurospermum perforatum*).
5. Add new Rule 4.7.29 to establish a noxious weed management plan for bouncingbet (*Saponaria officinalis*).

6. Add new Rule 4.7.30 to establish a noxious weed management plan for common tansy (*Tanacetum vulgare*).
7. Add new Rule 4.7.31 to establish a noxious weed management plan for wild caraway (*Carum carvi*).
8. Add to Rule 6.1 garlic mustard (*Alliaria petiolata*) and yellow flag iris (*Iris pseudocorus*).
9. Add new figures 258 through 264, revise figures 204 through 208, and remove figure 123 to Rule 4.8 to reflect the new noxious weed management plans for corn chamomile, mayweed chamomile, bouncingbet, common tansy and wild caraway.
10. Revise rule 4.3 to update species of special interest for future management plans.
11. Make non-substantive corrections of typographical errors in the rule in section 6.1.

### **Factual and Policy Issues**

The factual and policy issues encountered in the proposal of these amendments to the rules are as follows:

1. The current rules pertaining to the administration and enforcement of the Colorado Noxious Weed Act state that the Commissioner will develop and implement state noxious weed management plans for selected List A and List B species.
3. State noxious weed management plans are necessary in order to coordinate appropriate actions at the private, local, state, and federal levels that will halt the continued spread of these List A and List B species.
4. The proposed plans have been developed in consultation with the state noxious weed advisory committee, local governments, and other interested parties. The proposed plans include weed management plans for List B species corn chamomile (*Anthemis arvensis*), mayweed chamomile (*Anthemis cotula*), bouncingbet (*Saponaria officinalis*), common tansy (*Tanacetum vulgare*) and wild caraway (*Carum carvi*). The management plans for the chamomiles are combined due to the similarity of the species, distribution, and management measures.
5. The change to Rule 4.7.13 A and F is due in order to implement Custer County's request that it be removed from the list of counties exempted from the requirement of eliminating leafy spurge (*Euphorbia esula*) from within its borders.
6. The change to Rule 6.1 is to add garlic mustard (*Alliaria petiolata*) and yellow flag iris (*Iris pseudocorus*) to the Watch List, given their current unknown noxious qualities and the need for closer statewide observation.

### **8.10. February 12, 2014 – Effective March 30, 2014**

#### **Statutory Authority**

This copy of the text of the "Rules Pertaining to the Administration and Enforcement of the Colorado Noxious Weed Act" is provided as a convenience to the public by the Colorado Department of Agriculture and does not constitute an official publication of these Rules. The official version of these Rules is published by the Office of the Secretary of State in the Colorado Code of Regulations at 8 CCR 1206-2 and may be obtained from the following website: <http://www.sos.state.co.us/CCR/Welcome.do>.

These amendments to the rules are adopted by the Commissioner of Agriculture pursuant to his authority under the Colorado Noxious Weed Act, §§ 35-5.5-108 and 115, C.R.S.

## Purpose

The purpose of these amendments to the rules are to: (1) designate additional plant species for inclusion on the Watch List; (2) develop and implement state noxious weed management plans for selected List B species; (3) revise parts of the rule pertaining to roadway and water vectors; (4) add management plan maps to accompany new management plans; and (5) correct non-substantive typographical errors and update internal citations to reflect new rules.

The specific amendments to the rules are as follows:

1. In Part 1, Definitions, delete the definition of “Division” and add the definition of “Public open space”.
2. Revise timeframes of List B management plans to replace the current specific year requirement with an ongoing goal requirement.
3. Revise Rule 4.3 to update the species of special interest for future management plan revisions.
4. Revise public road ROW language for Rules 4.7.1.E, 4.7.2.H, 4.7.3.H, 4.7.4.D, 4.7.6.H, 4.7.7.V, 4.7.8.T, 4.7.9.X, 4.7.10.P, 4.7.11.V, 4.7.12.T, 4.7.13.AD, 4.7.16.V, 4.7.17.Q, 4.7.18.G, 4.7.19.H, 4.7.21.M, 4.7.22.H, 4.7.23.Q, 4.7.24.M, 4.7.25.F, 4.7.26.L, 4.7.27.L, 4.7.28.F, 4.7.29.F, 4.7.30.E, and 4.7.31.E.
5. Revise Rule 4.7.13 to correct typographical errors.
6. Revise requirements for stream corridor management for Rules 4.7.21.C,D,F,G,H,J,N; 4.7.22.B,E,I; 4.7.23.B,C,F,G,H,I,J,K,L,N,O,R; 4.7.24.F,G,H,J,K,N; 4.7.25.C,D,G; 4.7.26.D,G,H,I,J,M; 4.7.29.C,D,G; 4.7.30.B,C,F; and 4.7.31.B,F.
7. Revise Rules 4.7.24, 4.7.25, 4.7.26, 4.7.27, 4.7.28, 4.7.29, 4.7.30 and 4.7.31, to add standard language for management techniques and seed longevity that were previously inadvertently omitted.
8. Add new Rule 4.7.32 to establish noxious weed management plans for yellow nutsedge (*Cyperus esculentus*).
9. Add new Rule 4.7.33 to establish noxious weed management plans for quackgrass (*Elymus repens*).
10. Add new Rule 4.7.34 to establish noxious weed management plans for Canada thistle (*Cirsium arvense*).
11. Add new Rule 4.7.35 to establish noxious weed management plans for Russian-olive (*Elaeagnus angustifolia*).

12. Add to Rule 6.1 Brazilian egeria, Brazilian elodea (*Egeria densa*), parrotfeather (*Myriophyllum aquaticum*), yellow floatingheart (*Nymphoides peltata*) and yellowtuft (*Alyssum murale*, *Alyssum corsicum*).
13. Make non-substantive changes in Rules 3.6, 4.7 and 6.1 to correct typographical errors.
14. Add new figures 266-294 to reflect new noxious weed management plans for yellow nutsedge, quackgrass, Canada thistle and Russian-olive.
15. Revise figures 195, 196, 198, 199, 200, 202, 204, 207, 209, 210, 213, 214, 215, 216, 217, 218, 219, 221, 222, 227, 228, 229, 231, 232, 234, 235, 236, 239, 240, 241, 242, 259, 260, 261, 262, 264 to correct references to the rule narrative.
16. Remove figure 23 in order to update a previous change to the management objective for diffuse knapweed in Gilpin County.
17. Revise rule 7 to clarify compliance waiver procedures due to the establishment of Rule 4.7.35 (Russian-olive).

### **Factual and Policy Issues**

The factual and policy issues encountered in the proposal of these amendments to the rules are as follows:

1. The current rules pertaining to the administration and enforcement of the Colorado Noxious Weed Act state that the Commissioner will develop and implement state noxious weed management plans for selected List A and List B species.
3. State noxious weed management plans are necessary in order to coordinate appropriate actions at the private, local, state, and federal levels that will halt the continued spread of these List A and List B species.
4. The proposed plans have been developed in consultation with the state noxious weed advisory committee, local governments, and other interested parties. The proposed plans include weed management plans for List B species yellow nutsedge (*Cyperus esculentus*) (4.7.32), quackgrass (*Elymus repens*) (4.7.33), Canada thistle (*Cirsium arvense*) (4.7.34), and Russian-olive (*Elaeagnus angustifolia*) (4.7.35).
5. The plan developed to control Russian-olive (4.7.35) requires removal in public open spaces and along intermittent and perennial streams and rivers, lakes and reservoirs. While planted originally for windbreaks and landscaping, Russian-olive has spread along waterways and has degraded wildlife habitat, replaced native trees such as cottonwoods and willows in many areas, and has disrupted agricultural operations by invading pastures and blocking irrigation facilities.
6. The changes to Rules 4.7.1, 4.7.2, 4.7.3, 4.7.4, 4.7.6, 4.7.7, 4.7.8, 4.7.9, 4.7.10, 4.7.11, 4.7.12, 4.7.13, 4.7.16, 4.7.17, 4.7.18, 4.7.19, 4.7.21, 4.7.22, 4.7.23, 4.7.24, 4.7.25, 4.7.26, 4.7.27, 4.7.28, 4.7.29, 4.7.30, and 4.7.31 regarding road ROWs are due in order

to clarify the extent of treatment required along public roads and parking areas, and that such treatments are to occur annually.

7. The changes to Rules 4.7.21, 4.7.22, 4.7.23, 4.7.24, 4.7.25, 4.7.26, 4.7.29, 4.7.30 and 4.7.31 regarding stream corridor management are due in order to clarify the extent of treatment required along the state's waterways, and to synchronize the treatment of such waterways across county boundaries and when a waterway forms the boundary between counties.
8. The change to Rule 6.1 adds Brazilian egeria, Brazilian elodea (*Egeria densa*), parrotfeather (*Myriophyllum aquaticum*), yellow floatingheart (*Nymphoides peltata*) and yellotuft (*Alyssum murale*, *Alyssum corsicum*) to the Watch List, given their current unknown noxious qualities and the need for closer statewide observation.

#### **8.11. November 12, 2014 – Effective December 30, 2014**

##### **Statutory Authority**

These amendments to the rules are adopted by the Commissioner of Agriculture pursuant to his authority under the Colorado Noxious Weed Act, §§ 35-5.5-108 and 115, C.R.S.

##### **Purpose**

The purpose of these amendments to the rules are to: (1) designate an additional plant species for inclusion on List A, and an additional plant species to inclusion to the Watch List; (2) revise figure numbering to add clarity to the rule; (3) Update management plans for seven species; (4) remove two plant species from List B, and move one plant species from List B to List C; and (5) correct non-substantive typographical errors and update internal citations to reflect new rules.

The specific amendments to the rules are as follows:

1. In Parts 3.1 and 3.6.23, add hairy willow-herb (*Epilobium hirsutum*) to List A.
2. In Parts 4.1, 4.7 and 4.8, revise figure numbers for all List B species.
3. In Part 4.1, remove quackgrass (*Elymus repens*), spurred anoda (*Anoda cristata*) and Venice mallow (*Hibiscus trionum*) from List B.
4. Revise Rule 4.3 to update the species of special interest for future management plan revisions.
5. Revise Rules 4.7.1, 4.7.4, 4.7.5, 4.7.8, and 4.7.10 to update the monitoring period for these List B species: absinth wormwood (*Artemisia absinthium*), spotted knapweed (*Centaurea stoebe*), salt cedar (*Tamarix chinensis*, *T. parviflora*, and *T. ramosissima*), oxeeye daisy (*Leucanthemum vulgare*), and houndstongue (*Cynoglossum officinale*).
6. Revise Rule 4.7.1 to update the management plans for absinth wormwood (*Artemisia absinthium*).

7. Revise Rule 4.7.2 to update the management plans for Chinese clematis (*Clematis orientalis*).
8. Revise Rule 4.7.3 to update the management plans for plumeless thistle (*Carduus acanthoides*).
9. Revise Rule 4.7.4. to update the management plans for spotted knapweed (*Centaurea stoebe*).
10. Revise Rule 4.7.6 to update the management plans for black henbane (*Hyoscyamus niger*).
11. Revise Rule 4.7.8 to update the management plans for oxeye daisy (*Leucanthemum vulgare*).
12. Revise Rule 4.7.10 to update the management plans for houndstongue (*Cynoglossum officinale*).
13. Remove management plans for spurred anoda (*Anoda cristata*) (4.7.14), Venice mallow (*Hibiscus trionum*) (4.7.15) and quackgrass (*Elymus repens*) (4.7.33).
14. In Part 5.1, add quackgrass (*Elymus repens*) to List C.
15. In Part 6.1, add garden loosestrife (*Lysimachia vulgaris*) to the Watch List, and remove hairy willow-herb (*Epilobium hirsutum*) from the Watch List.

### **Factual and Policy Issues**

The factual and policy issues encountered in the proposal of these amendments to the rules are as follows:

1. The current rules pertaining to the administration and enforcement of the Colorado Noxious Weed Act state that the Commissioner will develop and implement state noxious weed management plans for selected List A and List B species.
2. State noxious weed management plans are necessary in order to coordinate appropriate actions at the private, local, state, and federal levels that will halt the continued spread of these List A and List B species.
3. The proposed plans have been developed in consultation with the state noxious weed advisory committee, local governments, and other interested parties. The proposed plans include weed management plans for List B species absinth wormwood (*Artemisia absinthium*), Chinese clematis (*Clematis orientalis*), plumeless thistle (*Carduus acanthoides*), spotted knapweed (*Centaurea stoebe*), black henbane (*Hyoscyamus niger*), for oxeye daisy (*Leucanthemum vulgare*), and houndstongue (*Cynoglossum officinale*).

4. After consulting with noxious weed experts, weed managers, agricultural producers and the state noxious weed advisory committee, it was determined that quackgrass (*Elymus repens*), spurred anoda (*Anoda cristata*) and Venice mallow (*Hibiscus trionum*) no longer met the criteria for List B. Quackgrass was moved to List C and spurred anoda and Venice mallow will no longer be included in the noxious weed list.
5. The numerical revisions to existing figures for List B species were done in order to bring additional clarity to these rules, and to establish a more coherent approach to mapping figures, especially given that these maps will continue to be revised and updated in future years.
6. The changes to the Watch List reflect the determination that hairy willow-herb may pose in the near future a significant threat to agricultural productivity and native plant communities of the state, and should be eradicated while still possible, thus warranting its placement on List A. Garden loosestrife has been found in limited areas of the state and has exhibited invasive qualities, and thus merits closer statewide observation prior to any listing decision.