
RECORD OF DECISION AND APPROVED CASPER
RESOURCE MANAGEMENT PLAN

APPENDIX X

Invasive, Nonnative Plant Species Best Preventative
Management Practices and Mitigation Options

**Appendix X
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Best Preventative Management Practices and Mitigation Options**

The purpose of this appendix is to provide the authorized officer with a reasonable range of situational management actions to prevent and (or) mitigate the spread of invasive nonnative plant species (INPS). These management actions include, but are not limited to, the suggested management actions described below.

The authorized officer may require the following:

Management Action INPS 1 – That an onsite inspection be conducted to identify the presence of any INPS before any surface-disturbing activity is conducted.

Management Action INPS 2 – That surface disturbance be kept to the minimum so that resource or user objectives can be accomplished.

Management Action INPS 3 – That bare soil resulting from fire or surface-disturbing activities be seeded to a “weed-free” seed mixture prescribed specifically for the site(s), and

- a. That seed from native species appropriate to the site be used
(or)
- b. That the nonnatives have no invasive properties when the use of seed from nonnative plants is warranted.

Management Action INPS 4 – That topsoil be stockpiled to be reused for reclamation, and

- a. That stockpiled topsoil be covered to prevent emergence of INPS and to prevent contamination by INPS seed from adjacent areas
- b. That, if INPS are present, follow-up INPS treatments are required once the topsoil has been reapplied and the site seeded.

Management Action INPS 5 – That, when necessary to stabilize a site being reclaimed, seeded areas be mulched or covered, and

- a. That weed-free mulching or cover materials (e.g., hydro-mulch, burlap sheeting, “certified weed-free” straw, etc.) be used
(or)
- b. That if the use of a cover crop is warranted, the crop has no invasive properties and is free of INPS seeds.

Management Action INPS 6 – That seeding applications and treatments be continued until desired vegetation is well established (approximately 80 percent of predisturbance basal cover).

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Management Action INPS 7 – That reclaimed areas are protected from livestock grazing by the following.

- a. Installing temporary fence and precluding livestock grazing until desired vegetation is well established (approximately 80 percent of pre-disturbance basal cover).
- (or)
- b. Requiring rest or growing season deferment in pastures containing unfenced reclaimed areas until desired vegetation is well established (approximately 80 percent of pre-disturbance basal cover).

Management Action INPS 8 – That the retention or introduction of desirable roadside vegetation be used to discourage INPS establishment.

Management Action INPS 9 – That weed preventative measures be implemented when authorizing the use of supplemental feed for recreational animal and livestock use. In addition,

- a. When authorizing the use of forage supplement, require that said supplement is weed-seed free in composition, or “certified weed-free” when authorizing hay or grain-based forages in which viable seeds could be present, and that instructions for placement and use are given.
- b. When authorizing the use of salt/mineral supplement, require that said supplement be placed in a nonporous container and that instructions for placement and use are given.
- c. Unless otherwise warranted, require the placement of a supplement a minimum of a ½ mile from water and out of drainage bottoms.

Management Action INPS 10 – That signage be installed to identify INPS area boundaries, prohibited uses, use stipulations and conditions, and to promote public education and awareness.

Management Action INPS 11 – That light vehicles, heavy equipment, and trucks used for official and permitted tasks, such as fire, construction, drilling, seismic activities, timber harvesting, hauling livestock, mining, etc., be INPS seed-free (clean) before moving onto or within the public lands, and if working in a known INPS area, require that said vehicles be cleaned before leaving the worksite.

Management Action INPS 12 – That road, two-track trail, and off-road restrictions or closures for casual and permitted motorized vehicle use.

Management Action INPS 13 – That livestock have been residing in an area known to be INPS-infested, livestock are held in a weed-free area and flushed for 72 hours prior to moving onto or within the public lands. *Note: This Management Action has been specifically addressed under the action alternatives because of its potential for controversy and is subject to management approval.*

Management Action INPS 14 – That, at a minimum, preclude grazing livestock on large areas of chemically treated vegetation for one complete growing season and fire-treated vegetation for two growing seasons; if necessary, continue growing season deferment or total rest until the desired vegetation is approximately 80 percent of pre-application/disturbance basal cover.

Management Action INPS 15 – That cooperation exists with county weed-control districts in enforcing any quarantine actions and the conditions thereof.

Management Action INPS 16 – Monitoring and inspections as needed.