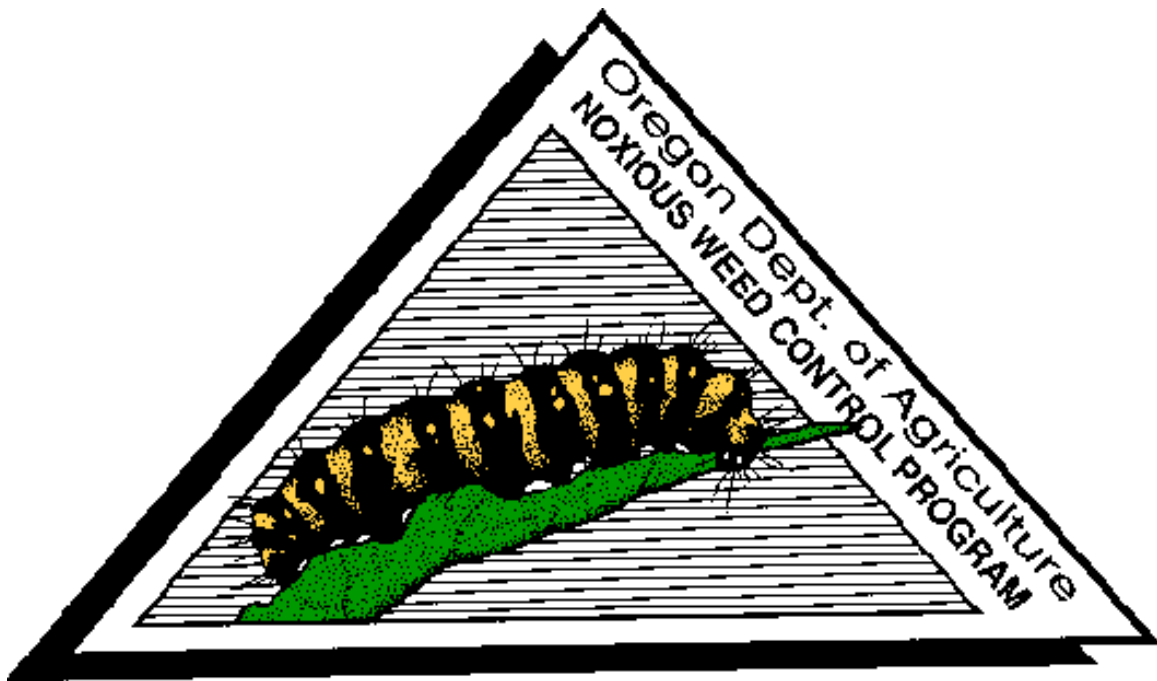


2006 Noxious Weed Policy and Classification System



Oregon Department of Agriculture
Noxious Weed Control Program

**Oregon Department of Agriculture
Noxious Weed Control Policy
and
Classification System
2006**

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Noxious Weed Control Policy and Classification System

DEFINITION:

“Noxious Weed” means any plant classified by the Oregon State Weed Board that is injurious to public health, agriculture, recreation, wildlife, or any public or private property.

Noxious weeds have become so thoroughly established and are spreading so rapidly on private, state, county, and federally-owned lands, that they have been declared by ORS 570.505 to be a menace to public welfare. Steps leading to eradication, where possible, and intensive control are necessary. It is further recognized that the responsibility for eradication and intensive control rests not only on the private landowner and operator, but also on the county, state, and federal government.

WEED CONTROL POLICY

Therefore, it shall be the policy of the Oregon Department of Agriculture to:

1. Rate and classify weeds at the state level.
2. Prevent the establishment and spread of noxious weeds.
3. Encourage and implement the control or containment of infestations of designated weed species and, if possible, eradicate them.
4. Develop and manage a biological weed control program.
5. Increase awareness of potential economic losses and other undesirable effects of existing and newly invading noxious weeds, and to act as a resource center for the dissemination of information.
6. Encourage and assist in the organization and operation of noxious weed control programs with government agencies and other weed management entities.
7. Develop partnerships with county weed control officers, Oregon State University, and cooperators in the development of control methods.
8. Conduct statewide noxious weed surveys and weed control efficacy studies.

WEED CLASSIFICATION SYSTEM

The purpose of this Classification System is to:

1. Act as the Oregon Department of Agriculture’s official guideline for prioritizing and implementing noxious weed control projects.
2. Assist the Oregon Department of Agriculture in the distribution of available funds for Oregon State Weed Board grants and county weed control requests.
3. Serve as a model for the private and public sectors in developing noxious weed classification systems.

Criteria for Determining Economic and Environmental Significance of Noxious Weeds is Based Upon:

DETRIMENTAL EFFECTS

1. A plant species that causes or has the potential to cause severe production losses or increased control costs to the agricultural and/or horticultural industries of Oregon.
2. A plant species that has the potential to or does endanger native flora and fauna by its encroachment into forest, range, and conservation areas.
3. A plant species that has the potential or does hamper the full utilization and enjoyment of recreational areas.
4. A plant species that is poisonous, injurious, or otherwise harmful to humans and animals.

PLANT REPRODUCTION

1. A plant that reproduces by seeds capable of being dispersed over wide areas or that are long-lived, or produced in large numbers.
2. A plant species that reproduces and spreads by tubers, creeping roots, stolons, rhizomes or other natural vegetative means.

DISTRIBUTION

1. A weed of known economic importance which occurs in Oregon in small enough infestations to make eradication/containment possible; or not known to occur, but its presence in neighboring states makes future occurrence seem imminent.
2. A weed of economic or ecological importance and of limited distribution in Oregon.
3. A weed that has not infested the full extent of its potential habitat in Oregon.

DIFFICULTY OF CONTROL

A plant species that is not easily controlled with current management practices such as chemical, cultural, biological, and physical methods.

Noxious Weed Control Classification System

Noxious weeds, for the purpose of this system, shall be designated “A” or “B” and may be given the additional designation of “T” according to the Oregon Department of Agriculture Noxious Weed Classification System.

- **“A” Classified Weed** – a weed of known economic importance which occurs in the state in small enough infestations to make eradication or containment possible; or is not known to occur, but its presence in neighboring states make future occurrence in Oregon seem imminent (Table 1).

Recommended action: Infestations are subject to eradication or intensive control when and where found.

- **“B” Classified Weed** – a weed of economic importance which is regionally abundant, but which may have limited distribution in some counties (Table 2).

Recommended action: Limited to intensive control at the state, county or regional level as determined on a case-by-case basis. Where implementation of a fully integrated statewide management plan is not feasible, biological control (when available) shall be the main control approach. (“B” weeds targeted for biological control are identified with an asterisk).

- **“T” Classified Weed** – a priority noxious weed designated by the Oregon State Weed Board as a target on which the Oregon Department of Agriculture will develop and implement a statewide management plan. “T” designated noxious weeds are species selected from either the “A” or “B” list (Table 3).

Table 1: “A” Designated weeds as determined by the Oregon Department of Agriculture

Common Name	Scientific Name
African rue	<i>Peganum harmala</i>
Camelthorn	<i>Alhagi pseudalhagi</i>
Coltsfoot	<i>Tussilago farfara</i>
Cordgrass Common Dense-flowered Saltmeadow Smooth	<i>Spartina anglica</i> <i>Spartina densiflora</i> <i>Spartina patens</i> <i>Spartina alterniflora</i>
European water chestnut	<i>Trapa natans</i>
Giant hogweed	<i>Heracleum mantegazzianum</i>
Goatgrass Barbed Ovate	<i>Aegilops triuncialis</i> <i>Aegilops ovata</i>
Hawkweed King-devil Meadow Mouse-ear Orange Yellow	<i>Hieracium piloselloides</i> <i>Hieracium pratense</i> <i>Hieracium pilosella</i> <i>Hieracium aurantiacum</i> <i>Hieracium floribundum</i>
Hydrilla	<i>Hydrilla verticillata</i>
Kudzu	<i>Pueraria lobata</i>
Matgrass	<i>Nardus stricta</i>
Paterson’s curse	<i>Echium plantagineum</i>
Purple nutsedge	<i>Cyperus rotundus</i>
Silverleaf nightshade	<i>Solanum elaeagnifolium</i>
Skeletonleaf bursage	<i>Ambrosia tomentosa</i>
Squarrose knapweed	<i>Centaurea virgata</i>
Starthistle Iberian Purple	<i>Centaurea iberica</i> <i>Centaurea calcitrapa</i>
Syrian bean-caper	<i>Zygophyllum fabago</i>
Texas blueweed	<i>Helianthus ciliaris</i>
Thistle Plumeless Smooth distaff Woolly distaff	<i>Carduus acanthoides</i> <i>Carthamus baeticus</i> <i>Carthamus lanatus</i>
Yellow floating heart	<i>Nymphoides peltata</i>

Table 2: “B” designated weeds as determined by the Oregon Department of Agriculture (*indicates targeted for biological control)

Common Name	Scientific Name
Austrian peaweed (Swainsonpea)	<i>Sphaerophysa salsula</i>
Bearded creeper (common crupina)	<i>Crupina vulgaris</i>
Biddy-biddy	<i>Acaena novae-zelandiae</i>
Broom French* Portuguese Scotch* Spanish	<i>Genista monspessulana</i> <i>Cytisus striatus</i> <i>Cytisus scoparius</i> <i>Spartium junceum</i>
Buffalobur	<i>Solanum rostratum</i>
Butterfly bush	<i>Buddleja davidii</i> (except named horticultural varieties)
Common bugloss	<i>Anchusa officinalis</i>
Creeping yellow cress	<i>Rorippa sylvestris</i>
Cutleaf teasel	<i>Dipsacus laciniatus</i>
Dodder	<i>Cuscuta spp.</i>
Dyers woad	<i>Isatis tinctoria</i>
English ivy	<i>Hedera helix</i> (except named horticultural varieties)
Eurasian watermilfoil	<i>Myriophyllum spicatum</i>
False brome	<i>Brachypodium sylvaticum</i>
Field bindweed*	<i>Convolvulus arvensis</i>
Garlic mustard	<i>Alliaria petiolata</i>
Giant horsetail	<i>Equisetum telmateia</i>
Gorse*	<i>Ulex europaeus</i>
Halogeton	<i>Halogeton glomeratus</i>
Himalayan blackberry	<i>Rubus discolor</i> (<i>R. procerus</i> , <i>R. aremeniacus</i>)
Houndstongue	<i>Cynoglossum officinale</i>
Johnsongrass	<i>Sorghum halepense</i>
Jointed goatgrass	<i>Aegilops cylindrical</i>
Jubata grass	<i>Cortaderia jubata</i>
Knapweeds Diffuse* Meadow* Russian* Spotted*	<i>Centaurea diffusa</i> <i>Centaurea pratensis</i> (<i>C. jacea</i> x <i>C. nigra</i>) <i>Acrotilon repens</i> <i>Centaurea maculosa</i> (<i>C. stoebe</i>)
Knotweeds Giant Himalayan Japanese (fleece flower)	<i>Polygonum sachalinense</i> <i>Polygonum polystachyum</i> <i>Polygonum cuspidatum</i> (<i>Fallopia japonica</i>)
Kochia	<i>Kochia scoparia</i>
Mediterranean sage*	<i>Salvia aethiopsis</i>

Continuation “B” List	
Medusahead rye	<i>Taeniatherum caput-medusae</i>
Old man’s beard	<i>Clematis vitalba</i>
Perennial pepperweed	<i>Lepidium latifolium</i>
Poison hemlock	<i>Conium maculatum</i>
Policeman’s helmet	<i>Impatiens glandulifera</i>
Puncturevine*	<i>Tribulus terrestris</i>
Purple loosestrife*	<i>Lythrum salicaria</i>
Quackgrass	<i>Agropyron repens</i>
Ragweed	<i>Ambrosia artemisiifolia</i>
Rush skeletonweed*	<i>Chondrilla juncea</i>
Saltcedar*	<i>Tamarix ramosissima</i>
Small broomrape	<i>Orobanche minor</i>
South American waterweed	<i>Egeria densa (Elodea)</i>
Spikeweed	<i>Memizonia pungens</i>
Spiny cocklebur	<i>Xanthium spinosum</i>
Spurge	
Leafy*	<i>Euphorbia esula</i>
Myrtle	<i>Euphorbia myrsinites</i>
St. Johnswort (Klamath weed) *	<i>Hypericum perforatum</i>
Sulfur cinquefoil	<i>Potentilla recta</i>
Tansy ragwort*	<i>Senecio jacobaea</i>
Thistles	
Bull*	<i>Cirsium vulgare</i>
Canada*	<i>Cirsium arvense</i>
Italian*	<i>Carduus pycnocephalus</i>
Milk*	<i>Silybum marianum</i>
Musk*	<i>Carduus nutans</i>
Scotch	<i>Onopordum acanthium</i>
Slender-flowered*	<i>Carduus tenuiflorus</i>
Toadflax	
Dalmatian*	<i>Linaria dalmatica (L.genista)</i>
Yellow*	<i>Linaria vulgaris</i>
Velvetleaf	<i>Abutilon theophrasti</i>
Whitetop	
Hairy	<i>Lepidium pubescens</i>
Lens-podded	<i>Lepidium chalepensis</i>
Whitetop (hoary cress)	<i>Lepidium draba</i>
Yellow flag iris	<i>Iris pseudacorus</i>
Yellow nutsedge	<i>Cyperus esculentus</i>
Yellow starthistle*	<i>Centaurea solstitialis</i>

Table 3: “T” or target weeds designated by the Oregon Department of Agriculture

The Oregon Department of Agriculture annually develops a target list of weed species that will be the focus for prevention and control by the Noxious Weed Control Program, sanctioned by the Oregon State Weed Board. Because of the economic threat to the state of Oregon, action against these weeds will receive priority.

Common Name	Scientific Name
Barbed goatgrass	<i>Aegilops triuncialis</i>
Common bugloss	<i>Anchusa officinalis</i>
Cordgrass Common Dense-flowered Saltmeadow Smooth	<i>Spartina anglica</i> <i>Spartina densiflora</i> <i>Spartina patens</i> <i>Spartina alterniflora</i>
Giant hogweed	<i>Heracleum mantegazzianum</i>
Orse	<i>Ulex europaeus</i>
Hawkweed Meadow Orange Yellow	<i>Hieracium pratense</i> <i>Hieracium aurantiacum</i> <i>Hieracium floribundum</i>
Knapweed Spotted Squarrose	<i>Centaurea maculosa</i> (<i>C. stoebe</i>) <i>Centaurea virgata</i>
Knotweed Giant Himalayan Japanese	<i>Polygonum sachalinense</i> <i>Polygonum polystachyum</i> <i>Polygonum cuspidatum</i> (<i>Fallopia japonica</i>)
Kudzu	<i>Pueraria lobata</i>
Leafy Spurge	<i>Euphorbia esula</i>
Portuguese broom	<i>Cytisus striatus</i>
Purple loosestrife	<i>Lythrum salicaria</i>
Rush skeletonweed	<i>Chondrilla juncea</i>
Starthistle Iberian Purple Yellow	<i>Centaurea iberica</i> <i>Centaurea calcitrapa</i> <i>Centaurea solstitialis</i>
Tansy ragwort	<i>Senecio jacobaea</i>
Woolly distaff thistle	<i>Carthamus lanatus</i>