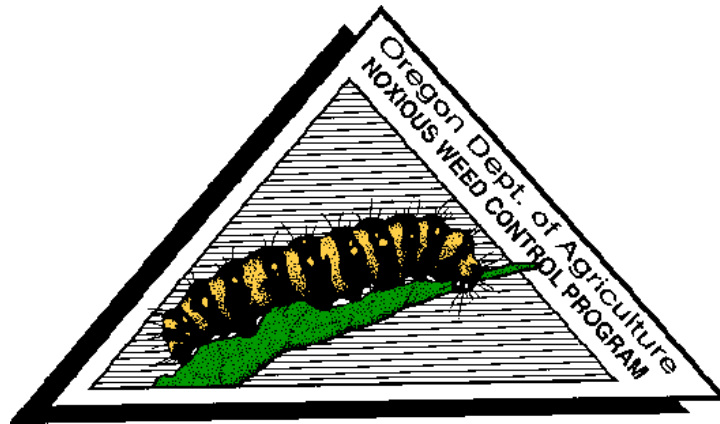


Noxious Weed Policy and Classification System 2011



Oregon Department of Agriculture
Noxious Weed Control Program

635 Capitol Street NE, Salem, Oregon 97301-2532, Tel (503)-986-4621
www.oregon.gov/ODA/PLANT/WEEDS

Mission Statement:

To protect Oregon's natural resources and agricultural economy from the invasion and proliferation of exotic noxious weeds.

Program Overview

The Oregon Department of Agriculture (ODA) Noxious Weed Control Program provides a statewide leadership role for coordination and management of state listed noxious weeds. The state program focuses on noxious weed control efforts by implementing early detection and rapid response projects for new invasive noxious weeds, implementing biological control, implementing statewide inventory and survey, assisting the public and cooperators through technology transfer and noxious weed education, maintains noxious weed data and maps for priority listed noxious weeds, and provides assistance to land managers and cooperators with integrated weed management projects. The Noxious Weed Control Program also supports the Oregon State Weed Board with administration of the OSWB Grant Program, developing statewide management objectives, developing Weed Risk Assessments and maintaining the State Noxious Weed List.

Tim Butler
Program Manager
tbutler@oda.state.or.us
503-986-4621

**Oregon Department of Agriculture
Noxious Weed Control Policy
and
Classification System
2011**

Table of Contents

Policy and Classification System.....	4
Criteria.....	5
Classification Definitions.....	6
“A” – Designated Weeds.....	7
“B” – Designated Weeds	8
“T” – Designated Weeds (Target Weeds)	10

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 569-350 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 (ODA) 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, universities, and other 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 ODA’s official guideline for prioritizing and implementing noxious weed control projects.
2. Assist the ODA in the distribution of available funds for Oregon State Weed Board grants and county noxious 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/or animals.

PLANT REPRODUCTION

1. A plant that reproduces by seed capable of being dispersed over wide areas or that is 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 Definitions

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 State Weed Board’s Noxious Weed Classification System.

- **“A” Designated 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” Designated 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 site specific, case-by-case basis. Where implementation of a fully integrated statewide management plan is not feasible, biological control (when available) shall be the primary control method.

- **“T” Designated Weed** – a priority noxious weed designated by the Oregon State Weed Board as a target for which the ODA 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 I: “A” Designated weeds as determined by ODA

Common name	Scientific name
African rue	<i>Peganum harmala</i>
Camelthorn	<i>Alhagi pseudalhagi</i>
Coltsfoot	<i>Tussilago farfara</i>
Common reed	<i>Phragmites australis, ssp. australis</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>
Flowering rush	<i>Butomus umbellatus</i>
Giant hogweed	<i>Heracleum mantegazzianum</i>
Goatgrass Barb Ovate	<i>Aegilops triuncialis</i> <i>Aegilops ovata</i>
Goatsrue	<i>Galega officinalis</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>
Japanese dodder	<i>Cuscuta japonica</i>
Kudzu	<i>Pueraria lobata</i>
Matgrass	<i>Nardus stricta</i>
Oblong spurge	<i>Euphorbia oblongata</i>
Paterson’s curse	<i>Echium plantagineum</i>
Purple nutsedge	<i>Cyperus rotundus</i>
Silverleaf nightshade	<i>Solanum elaeagnifolium</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>
Thistle Plumeless Smooth distaff Taurian Wooly distaff	<i>Carduus acanthoides</i> <i>Carthamus baeticus</i> <i>Onopordum tauricum</i> <i>Carthamus lanatus</i>
White bryonia	<i>Bryonia alba</i>
Yellow floating heart	<i>Nymphoides peltata</i>
Yellowtuft	<i>Alyssum murale</i> <i>Alyssum corsicum</i>

Table II: “B” designated weeds as determined by ODA:

Common name	Scientific name
Armenian (Himalayan) blackberry	<i>Rubus armeniacus</i> (<i>R. procerus</i> , <i>R. discolor</i>)
Biddy-biddy	<i>Acaena novae-zelandiae</i>
Broom	
French*	<i>Genista monspessulana</i>
Portuguese	<i>Cytisus striatus</i>
Scotch*	<i>Cytisus scoparius</i>
Spanish	<i>Spartium junceum</i>
Buffalobur	<i>Solanum rostratum</i>
Butterfly bush	<i>Buddleja davidii</i> (<i>B. variabilis</i>)
Common bugloss	<i>Anchusa officinalis</i>
Common crupina	<i>Crupina vulgaris</i>
Creeping yellow cress	<i>Rorippa sylvestris</i>
Cutleaf teasel	<i>Dipsacus laciniatus</i>
Dodder	<i>Cuscuta</i> spp.
Dyers woad	<i>Isatis tinctoria</i>
English ivy	<i>Hedera helix</i> (<i>H. hibernica</i>)
Eurasian watermilfoil	<i>Myriophyllum spicatum</i>
False brome	<i>Brachypodium sylvaticum</i>
Field bindweed*	<i>Convolvulus arvensis</i>
Garlic mustard	<i>Alliaria petiolata</i>
Geranium	
Herb Robert	<i>Geranium robertianum</i>
Shiny leaf geranium	<i>Geranium lucidum</i>
Gorse*	<i>Ulex europaeus</i>
Halogeton	<i>Halogeton glomeratus</i>
Houndstongue	<i>Cynoglossum officinale</i>
Johnsongrass	<i>Sorghum halepense</i>
Jointed goatgrass	<i>Aegilops cylindrica</i>
Jubata grass	<i>Cortaderia jubata</i>
Knapweeds	
Diffuse*	<i>Centaurea diffusa</i>
Meadow*	<i>Centaurea pratensis</i>
Russian*	<i>Acroptilon repens</i>
Spotted*	<i>Centaurea stoebe</i> (<i>C. maculosa</i>)
Knotweeds	
Giant	<i>Fallopia sachalinensis</i> (<i>Polygonum</i>)
Himalayan	<i>Polygonum polystachyum</i>
Japanese	<i>Fallopia japonica</i> (<i>Polygonum</i>)
Kochia	<i>Kochia scoparia</i>
Lesser celandine	<i>Ranunculus ficaria</i>
Mediterranean sage	<i>Salvia aethiopis</i>
Medusahead rye	<i>Taeniatherum caput-medusae</i>
Old man’s beard	<i>Clematis vitalba</i>

* Indicates weeds targeted for biocontrol agents

Continuation of "B" designated weeds	
Parrot's feather	<i>Myriophyllum aquaticum</i>
Perennial peavine	<i>Lathyrus latifolius</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>
Ragweed	<i>Ambrosia artemisiifolia</i>
Rush skeletonweed*	<i>Chondrilla juncea</i>
Saltcedar*	<i>Tamarix ramosissima</i>
Small broomrape	<i>Orbanche minor</i>
South American waterweed	<i>Egeria densa (Elodea)</i>
Spanish heath	<i>Erica lusitanica</i>
Spikeweed	<i>Hemizonia pungens</i>
Spiny cocklebur	<i>Xanthium spinosum</i>
Spurge laurel	<i>Daphne laureola</i>
Spurge	
Leafy*	<i>Euphorbia esula</i>
Myrtle	<i>Euphorbia myrsinites</i>
St. Johnswort*	<i>Hypericum perforatum</i>
Sulfur cinquefoil	<i>Potentilla recta</i>
Swainsonpea	<i>Sphaerophysa salsula</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</i>
Yellow*	<i>Linaria vulgaris</i>
Velvetleaf	<i>Abutilon theophrasti</i>
Water primrose	<i>Ludwigia peploides, L. hexapetala, L. grandiflora ssp.</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>

* Indicates weeds targeted for biocontrol agents

Table III: “T” or target weeds designated by ODA

ODA 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
African rue	<i>Peganum harmala</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>
Dalmatian toadflax**	<i>Linaria dalmatica</i>
Field bindweed**	<i>Convolvulus arvensis</i>
Garlic mustard	<i>Alliaria petiolata</i>
Giant hogweed	<i>Heracleum mantegazzianum</i>
Gorse	<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 stoebe (C. maculosa)</i> <i>Centaurea virgata</i>
Kudzu	<i>Pueraria lobata</i>
Leafy spurge**	<i>Euphorbia esula</i>
Matgrass	<i>Nardus stricta</i>
Paterson’s curse	<i>Echium plantagineum</i>
Perennial pepperweed	<i>Lepidium latifolium</i>
Portuguese broom	<i>Cytisus striatus</i>
Rush skeletonweed	<i>Chondrilla juncea</i>
Saltcedar**	<i>Tamarix ramosissima</i>
Starthistle Iberian Purple Yellow**	<i>Centaurea iberica</i> <i>Centaurea calcitrapa</i> <i>Centaurea solstitialis</i>
Tansy ragwort**	<i>Senecio jacobaea</i>
Thistles Plumeless thistle Taurian Woolly distaff	<i>Carduus acanthoides</i> <i>Onopordum tauricum</i> <i>Carthamus lanatus</i>
Yellowtuft	<i>Alyssum murale, A. corsicum</i>

**Indicates the majority of efforts are focused on use of biocontrol agents