

# NOXIOUS PLANTS OF MINNESOTA

The lists of plants deemed noxious under the Minnesota Noxious Weed Law are contained in Minnesota Rules 1505.0730 to 1505.0750. These rules are included in this document along with a map showing the plant species that have been added by petition to county prohibited and restricted noxious weed lists.

## **1505.0730 PROHIBITED NOXIOUS WEEDS.**

Subpart 1. **State prohibited noxious weed list.** The plants listed in this part are prohibited noxious weeds because they are injurious to public health, the environment, public roads, crops, livestock, and other property. Prohibited noxious weeds must be controlled or eradicated as required in Minnesota statutes, section 18.78.

<u>Common Name</u>	<u>Botanical Name</u>
Field bindweed	Convolvulus arvensis (L.)
Hemp	Cannabis sativa (L.)
Loosestrife, purple	Lythrum salicaria, virgatum (L.), or any combination
Mustard, Garlic	Alliaria petiolata (Bieb.) (formerly Alliaria officinalis)
*Poison ivy	Toxicodendron radicans (Ktze.) (formerly rhus radicans)
Spurge, leafy	Euphorbia esula (L.)
Sowthistle, perennial	Sonchus arvensis (L.)
Thistle, bull	Cirsium vulgare (Savi) Tenore
Thistle, Canada	Cirsium arvense (L.) Scop.
Thistle, musk	Carduus nutans (L.)
Thistle, plumeless	Carduus acanthoides (L.)

\*Native species to Minnesota

Subpart 2. **Federal noxious weed list.** For the purpose of this part, the parasitic and the terrestrial plants listed in the Code of Federal Regulations, title 7, section 360.200 are also prohibited noxious weeds.

## **1505.0732 RESTRICTED NOXIOUS WEEDS.**

The plants listed in this part are restricted noxious weeds whose only feasible means of control is to prohibit the importation, sale, and transportation of them or their propagating parts in the state except as provided by Minnesota Statutes, section 18.82.

<u>Common Name</u>	<u>Botanical Name</u>
Buckthorn, common or European	Rhamnus cathartica (L.)
Buckthorn, glossy, including all cultivars	*Rhamnus frangula (L.), (columnaris, tallcole, asplenifolia and all other cultivars)

\*Rhamnus frangula is a restricted noxious weed effective December 31, 2000.

## **1505.0734 NOXIOUS WEED POTENTIAL EVALUATION COMMITTEE.**

The commissioner shall appoint a committee composed of ten members and ten alternate members to evaluate species for invasiveness, difficulty of control, cost of control, benefits, and amount of injury caused by them. For each species evaluated, the committee shall recommend to the commissioner on which noxious weed list or lists, if any, the species should be placed. Species currently designated as prohibited or restricted noxious weeds must be re-evaluated every five years for a recommendation on whether or not they need to remain on the noxious weed lists. Members and alternates must be appointed upon the recommendation of each of the following:

- A. two members and alternates representing horticultural science, agronomy, and forestry at the University of Minnesota;
- B. one member and an alternate representing the Minnesota Nursery and Landscape Association;
- C. one member and an alternate representing the seed industry in Minnesota;
- D. one member and an alternate from the Department of Agriculture;
- E. one member and an alternate from the Department of Natural Resources;
- F. one member and an alternate from a conservation organization;
- G. one member and an alternate from an environmental organization;
- H. one member and an alternate from a farm organization; and
- I. one member and an alternate from the Minnesota Association of County Agricultural Inspectors.

An alternate member may serve only in the absence of the member for whom the person is an alternate.

The committee shall select a chair and a secretary from its membership. The chair shall conduct meetings and deliberations of the committee. The secretary shall keep accurate records of all meetings and deliberations and perform

other duties for the committee as the chair may direct. The purpose of the committee is to conduct evaluations of terrestrial plant species to recommend if they need to be designated as noxious weeds in the state. The committee may be called into session by or at the direction of the commissioner or upon direction of its chair to evaluate terrestrial plants to consider recommending additions or deletions to the noxious weed list(s) contained in parts 1505.0730 to 1505.0740.

**1505.0740 SECONDARY NOXIOUS WEEDS.**

The weeds on this list may be added to a county prohibited or restricted list by following the process in part 1505.0750. The common and botanical names for secondary noxious weeds are those listed in the following table.

<u>Common Name</u>	<u>Botanical Name</u>
Alyssum, hoary	Berteroa incana (L.) DC.
*Artichoke, Jerusalem	Helianthus tuberosus (L.)
Buckwheat, wild	Polygonum convolvulus (L.)
*Buffalobur	Solanum rostratum (Dunal)
Burdock	Arctium minus (Hill) Bernh.
Buttercup, tall	Ranunculus acris (L.)
*Bracken	Pteridium aquilinum (L.) Kuhn
Carrot, wild	Daucus carota (L.)
Catchfly, nightflowering	Silene noctiflora (L.)
Cockle, white	Lychnis alba (Mill.)
*Cocklebur, common	Xanthium pennsylvanicum (Wallr.)
Daisy, oxeye	Chrysanthemum leucanthemum (L.)
Dock, curly	Rumex crispus (L.)
Flixweed	Descurainia Sophia (L.) Webb
Foxtail, giant	Setaria faberii (Herrm.)
Grecian foxglove	Digitalis lanata
*Gumweed, curlycup	Grindelia squarrosa (Pursh) Dunal
Hawksbeard, narrowleaf	Crepis tectorum (L.)
Hawksbeard, smooth	Crepis capillaries (L.) Wallr.
Hawkweed, orange	Hieracium aurantiacum (L.)
Jimsonweed	Datura stramonium (L.)
Knapweed, Russian	Centaurea repens (L.)
Knapweed, spotted	Centaurea maculosa (Lam.)
Kochia	Kochia scoparia (L.) Roth
Lambsquarters, common	Chenopodium album (L.)
Mallow, venice	Hibiscus trionum (L.)
*Marshelder	Iva xanthifolia (Nutt.)
*Milkweed, common	Asclepias syriaca (L.)
*Muhly, wirestem	Muhlenbergia frondosa (Poir.) Fern.
Mustard, wild	Brassica kaber (DC.) L. C.
Nightshade, black	Solanum nigrum (L.)
Nutsedge, yellow (nutgrass)	Cyperus esculentus (L.)
Oat, wild	Avena fatua (L.)
Panicum, fall	Panicum dichotomiflorum (Michx.)
Panicum, wild proso millet	Panicum miliaceum (L.)
Pigweed, redroot	Amaranthus retroflexus (L.)
Pigweed, prostrate	Amaranthus blitoides (S.Wats.)
Quackgrass	Agropyron repens (L.) Beauv.
Radish, wild	Raphanus raphanistrum (L.)
*Ragweed, common	Ambrosia artemisiifolia (L.)
*Ragweed, giant	Ambrosia trifida (L.)
*Sandbur, long spined	Cenchrus longispinus (Heck.) Fern.
*Smartweed, Pennsylvania	Polygonum pennsylvanicum (L.)
Smartweed, (ladysthumb)	Polygonum persicaria (L.)
Sorghum-almum	Sorghum almum (Parodi)
*Sunflower, common(except cultivars)	Helianthus annuus (L.)
Tansy	Tanacetum vulgare (L.)
Thistle, Russian	Salsola kali (L.)
Velvetleaf	Abutilon theophrasti (Medic.)
Yellow rocket	Barbarea vulgaris R. Br.
Woolly cupgrass	Eriochloa villosa (Thunb.) Kunth
*Wormwood, absinth	Artemisia absinthium (L.)
*Native species to Minnesota	

**1505.0750      ADDING TO NOXIOUS WEED LIST; COUNTY NOXIOUS WEED PETITION.**

The Minnesota commissioner of agriculture may without further hearing, take a weed or weeds from the secondary noxious weed list in part 1505.0740 and add it to the prohibited or restricted noxious weed list in parts 1505.0730 and 1505.0732 on a county basis if:

- A. a majority of the town boards and city mayors in a county petition the commissioner of agriculture, on forms provided by the department, to add a weed or weeds to the county prohibited or restricted noxious weed list on the grounds that the weed or weeds are injurious to public health, the environment, public roads, crops, livestock or other property;
- B. the petition is approved by that county's board of county commissioners; and
- C. the commissioner of agriculture deems the weed or weeds to be injurious to public health, the environment, public roads, crops, livestock, or other property.

## **NOXIOUS SEEDS OF MINNESOTA**

The lists of seeds deemed noxious under the Minnesota Seed Law are contained in Minnesota Rules 1510.0271 and 1510.0320. These lists are included below.

**1510.0271      PROHIBITED WEED SEEDS**

The following are weed seeds which are prohibited from being present in agricultural, vegetable, flower, tree, and shrub seeds sold in Minnesota in accordance with Minnesota Statutes, section 21.86, subdivision 1, paragraph (d):

- |   |   |
|---|---|
| a. bull thistle ( <i>Cirsium vulgare</i> L.);           | f. field bindweed ( <i>Convolvulus arvensis</i> L.);      |
| b. Canada thistle ( <i>Cirsium arvense</i> Scop.);      | g. hemp ( <i>Cannabis sativa</i> L.);                     |
| c. musk thistle ( <i>Carduus nutans</i> L.);            | h. leafy spurge ( <i>Euphorbia esula</i> L.);             |
| d. perennial sow thistle ( <i>Sonchus arvensis</i> L.); | i. perennial peppergrass ( <i>Lepidium draba</i> L.); and |
| e. plumeless thistle ( <i>Carduus acanthoides</i> L.);  | j. Russian knapweed ( <i>Centaurea repens</i> L.).        |

**1510.0320      RESTRICTED WEED SEEDS**

"Restricted weed seeds" are those weed seeds which, if present in agricultural, vegetable, flower, tree, and shrub seed, must be named on the label together with the number per ounce or pound of seed specified and which may not exceed the legal limit. They are seeds of weeds which are objectionable in fields, lawns, and gardens of this state, and which can be controlled by good cultural practice and use of herbicides. Restricted weed seeds are seeds of buckhorn plantain (*Plantago lanceolata* L.), dodder (*Cuscuta* spp.), Frenchweed (*Thlaspi arvense* L.), hoary alyssum (*Berteroa incana* D.C.), horse nettle (*Solanum carolinense* L.), wild mustard (*Brassica arvensis* L.), quack grass (*Agropyron repens* L.), wild radish (*Raphanus raphanistrum*), giant foxtail (*Setaria faberii*), and Eastern black nightshade (*Solanum ptycanthum* Dun).

# COUNTY PROHIBITED NOXIOUS WEEDS BY PETITION - OCTOBER 1999

The following plants have been added to county prohibited noxious weed lists by petition:

- |  |   |   |
|--|---|---|
| B Burdock ( <i>Arctium minus</i> )                       | L Lambsquarters ( <i>Chenopodium album</i> )          | RT Russian thistle ( <i>Salsola kali</i> )        |
| BB Buffalobur ( <i>Solanum rostratum</i> )               | M Mustard, wild ( <i>Brassica kaber</i> )             | S Sunflower, wild ( <i>Helianthus annuus</i> )    |
| BT Buttercup, tall ( <i>Ranunculus acris</i> )           | MW Milkweed ( <i>Asclepias syriaca</i> )              | SA Sandbur ( <i>Cenchrus longispinus</i> )        |
| BW Buckwheat, wild ( <i>Polygonum convolvulus</i> )      | NB Nightshade, black ( <i>Solanum nigrum</i> )        | SK Spotted knapweed ( <i>Centaurea maculosa</i> ) |
| C Cocklebur ( <i>Xanthium pensylvanicum</i> )            | O Oat, wild ( <i>Avena fatua</i> )                    | T Tansey ( <i>Tanacetum vulgare</i> )             |
| CN Catchfly, nightflowering ( <i>Silene noctiflora</i> ) | OD Oxeye daisy ( <i>Chrysanthemum leucanthemum</i> )  | V Velvetleaf ( <i>Abutilon theophrasti</i> )      |
| CW Cockle, white ( <i>Lychnis alba</i> )                 | OH Orange hawkweed ( <i>Hieracium aurantiacum</i> )   | W Wormwood ( <i>Artemisia absinthium</i> )        |
| FX Foxtail, giant ( <i>Setaria faberii</i> )             | PP Pigweed, prostrate ( <i>Amaranthus blitoides</i> ) | WC Woolly cupgrass ( <i>Eriochloa villosa</i> )   |
| HA Hoary alyssum ( <i>Berteroa incana</i> )              | PR Pigweed, redroot ( <i>Amaranthus retroflexus</i> ) | WP Wild proso millet ( <i>Panicum miliaceum</i> ) |
| J Jimsonweed ( <i>Datura stramonium</i> )                | Q Quackgrass ( <i>Agropyron repens</i> )              | YN Yellow nutsedge ( <i>Cyperus esculentus</i> )  |
| JA Jerusalem artichoke ( <i>Helianthus tuberosus</i> )   | R Radish, wild ( <i>Raphanus raphanistrum</i> )       | YR Yellow rocket ( <i>Barbarea vulgaris</i> )     |
| K Kochia ( <i>Kochia scoparia</i> )                      | RC Ragweed, common ( <i>Ambrosia artemisiifolia</i> ) |   |

