

Herbicides registered for Wisconsin forest tree planting *Information compiled by Wisconsin DNR, Forest Health Program (Updated 4/2015)*

PRODUCT NAME ACTIVE INGREDIENT/CAS #	FORMULATION	APPLICATION	TIMING	COMMENTS
Capstone Aminopyralid + triclopyr amine 57213-69-1, 566191-89-7	Water soluble concentrate.	Aerial or ground broadcast. Spot spray.	Apply when weeds are actively growing. Treat thistles, clover, alfalfa, and knapweed from early spring to midsummer.	Broadleaf herbicide for site prep. Conifer release by hand directed spray only. Direct spray away from conifer foliage. Tank mixtures OK. See label.
Intensity, Intensity One Clethodim 99129-21-2	Emulsifiable concentrate.	Aerial or ground broadcast. Directed or spot spray. See labels for application rates.	Apply when actively growing target grass reaches label recommended height.	Tank mixtures OK. See label. See individual labels. CDMS
Transline, Clean Slate, Stinger Clopyralid 57754-85-5	Emulsifiable concentrate.	Ground broadcast. Spot spray. Apply to foliage over top of young trees. See labels for application rates. Several tank mixtures available.	Apply when weeds are actively growing. Treat thistles, alfalfa and knapweed from late spring to early summer.	Endangered species restriction: application on wild lupine prohibited. See individual labels. CDMS
Vanquish, Sterling Dicamba 1918-00-9	Emulsifiable concentrate	Aerial or ground broadcast for site prep.	After weeds are in full leaf to first frost.	See label.
Diuron 4L ^{1,2} Diuron 330-54-1	Flowable concentrate.	Ground broadcast	Apply when weeds are actively growing. Apply before weeds germinate for preemergent control.	Tank mixtures OK. See label. Diuron 4L Label
Accord ¹ , Accord XRT , Roundup ¹ , Razor ¹ Glyphosate 38641-94-0	Soluble concentrate.	Aerial or ground broadcast. Directed spray. See labels for application rates for site preparation and conifer release.	After full leaf expansion; Woody plants late summer; Conifer release after bud set in fall or before bud swell in spring; Alfalfa see handout.	For release of pines and spruces apply at end of first growing season with reduced rates. Tank mixtures OK. See individual labels. CDMS
Velossa Hexazinone 51235-04-2	Flowable concentrate.	Aerial or ground broadcast. Band or directed spray. Basal or injection. For site prep and conifer release. Application rate depends on soil texture.	Apply early spring to early summer after hardwoods have broken bud, but before full leaf expansion.	Release trees 2 to 4 years from planting depending on soil. Tank mixtures OK. See label. Velossa Label
Velpar L ¹ Hexazinone 51235-04-2	Soluble concentrate.	Aerial or ground broadcast. Directed spray. Application rate depends on soil texture.	Early spring to early summer after hardwoods have broken bud and before full leaf expansion.	Release trees 2 to 4 years from planting depending on soil. Tank mixtures OK. See label. Velpar Label
Arsenal AC ¹ Imazapyr 81510-83-0	Soluble concentrate.	Aerial or ground broadcast. Directed spray.	Foliage after full leaf development; Cut surface any time except heavy sap flow.	Do not apply with fixed wing aircraft. See label. Arsenal Label Supplemental Label for Arial Application
Chopper GEN2 Imazapyr 81510-83-0	Water miscible liquid concentrate.	Aerial or ground, broadcast. Directed spray. Site preparation and conifer release.	Foliage after full leaf expansion; Cut surface any time except heavy sap flow.	Emulsion can be used by mixing with oil. Aerial application by helicopter only. See label.
Escort XP, Patriot Metsulfuron methyl 74223-64-6	Water dispersible granule.	Aerial (helicopter only) or ground broadcast. Application rates dependent on weed species and timing.	When weeds are fully expanded and actively growing.	Tank mixture combinations are available. See individual labels. Escort Label Patriot Label
Scythe Pelargonic acid 112-05-0	Emulsifiable concentrate.	Ground broadcast. Directed or spot spray.	Causes burndown of green plant surface; does not translocate within treated weeds. Apply when weeds are fully expanded and actively growing. Applications can also be used to prune unwanted suckering before it becomes woody.	Tank mixtures OK. Scythe Label

¹Multiple formulations available for this product. Check <http://www.cdms.net/manuf/manuf.asp?t=0> for more information.

²Indicates pesticides currently on a list of chemicals prohibited by the Forest Stewardship Council (FSC). On FSC-certified lands (including State forests and some County Forests) in 2015 these pesticides can only be used if they were used previously. Use on FSC-certified lands after 2015 is subject to change. Use on lands not certified under FSC is permissible according to the label.

Important Information

- ❖ Please read all labels carefully for endangered species warnings.
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Herbicides registered for Wisconsin forest tree planting *Continued.*

Pendulum 3.3 EC ¹ Pendimethalin 40487-42-1	Emulsifiable concentrate.	Ground broadcast. Directed spray.	For site preparation apply at planting or to established trees.	Tank mixture OK. See label. For application at planting wait for closure of planting slit. Pendulum Label
Tordon 101 Picloram 6753-47-5	Soluble concentrate.	Aerial or ground broadcast. For forest site preparation.	Apply when weeds are actively growing.	Do not spray over roots of desirable species. Tank mixture OK. See label. Tordon Label
Simazine 4L ¹ Simazine 122-34-9	Flowable concentrate.	Aerial or ground broadcast. Band, directed or over-the-top spray.	Before weeds emerge or after weed removal.	For use in shelterbelts only. Do not apply to transplants under 2-years-old. Tank mixtures OK. See label. Simazine Label
Simazine 90 DF ¹ Simazine 122-34-9	Water dispersible granule.	Aerial or ground broadcast. Band, directed or over-the-top spray.	Before weeds emerge or after weed removal.	For use in shelterbelts only. Do not apply to transplants under 2-years-old. Tank mixtures OK. See label. Simazine Label
Oust XP ¹ , Spyder Sulfometuron methyl 74222-97-2	Water dispersible granule.	Aerial or ground broadcast. Band or directed spray.	In late fall before planting or in spring after trees are planted but before bud break. Apply after rainfall closes planting slit.	Product requires use of a sprayer dedicated to only Sulfometuron methyl products. Tank mixtures OK. See individual labels. Oust XP Label Spyder Label
Element ¹ , Garlon ¹	Soluble concentrate.	Aerial or ground broadcast. Spot or directed spray. Cut stump or basal bark. See labels for application rates for site preparation and conifer release.	Apply when weeds are actively growing.	Tank mixtures OK. See individual labels. CDMS
Patron 170 ^{1,2} 2,4-D , 2,4-DP 1928-43-4, 79270-78-3	Emulsifiable concentrate.	Aerial or ground broadcast. Directed or spot spray. Basal, cut stump, frill or injection. See labels for application rates. Several tank mixtures available.	Apply to foliage after full leaf development. Cut surface any time except heavy sap flow.	For release of conifers, apply after new desirable growth has hardened off and while competing woody vegetation is actively growing. See label. CDMS

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