

SUGGESTED HERBICIDE USAGE

<u>WEED</u>	<u>HERBICIDE (Brand Name/active ingredient)</u>	<u>TIME TO APPLY</u>
Black Henbane (B)	Banvel, Vanquish (dicamba) Clarity (dicamba) 2,4-D Amine Stinger/Reclaim/Transline (clopyralid) Escort XP (metsulfuron)	Spring Rosette Spring Bud Spring Rosette 5 leaf stage or less Summer to Early Fall - late bolt to early flower
Bouncingbet (B)	Telar XP (chlorsulfuron)	Late Spring to Mid Summer - bolting to bud growth Selective, safe for labeled grasses Not for use near waterbodies
Canada Thistle (B) *spring and fall control	Milestone (aminopyralid) Prescott/Redeem (clopyralid + triclopyr) Rangestar (2,4-D + dicamba) Banvel, Vanquish, Clarity (dicamba) Telar XP (chlorsulfuron) Stinger/Reclaim/Transline (clopyralid) Curtail (clopyralid + 2,4-D) 2,4-D RoundUp Ultra (glyphosate) Redeem R&P (clopyralid + triclopyr) 2,4-d (4# product)	Spring (pre-bud) until flowering and/or fall regrowth Spring until flowering and/or fall regrowth Spring - prebud/early bud/after bloom rosette growth stage after bloom and before domancy in fall Spring bud to bloom stage and/or fall regrowth Rosette to bud stage Early bud growth stage or in fall at rosette Rosette to bud stage Spring thistle 10"-15" tall; prebud to early bud bud Rosette or fall regrowth/Early bud growth stage or in fall at rosette Rosette
Common Tansy (B)	Escort XP (metsulfuron)	Late Spring to Mid Summer - bolting to bud growth
Cypress Spurge (A)	Paramont (quinclorac) Rangestar (2,4-D + dicamba)	Spring - flowering stage Spring - flowering stage
Downy Brome - C	Plateau (imazapic) Glyphosate	during early spring growth fall application prior to hard freeze early spring or fall
Eurasian Watermilfoil (B)	Aqua-kleen, Navigate, DMA 4 IVM (2,4-D) Sonar, Avast (fluridone) Renovate 3 (triclopyr)	Actively growing plants Actively growing plants Actively growing plants

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Field Bindweed - C	Clarity + 2,4-D Amine	Just after full bloom or fall
	RoundUp Ultra (glyphosate)	Do not apply under/near trees and shrubs At full bloom or fall prior to killing frost
	Weed Master (dicamba + 2,4-D)	Nonselective at flower
	Banvel, Vanquish, Clarity (dicamba) Plateau (imazapic)	at flower at flower
Hoary Cress (B) *before or at very early bloom most effective	Plateau (imazapic)	Late Spring to Mid Summer - late flower to post flower
	Escort XP, Ally (metsulfuron)	Selective but may retard growth of some grasses Early Spring to Early Summer - early bud growth to early bloom
	Telar XP (chlorsulfuron)	Selective, safe for most perennial grasses Not for use near irrigation water Early Spring to Early Summer - early bud growth
	Cimmaron Plus (chlorsulfuron + metsulfuron)	Selective, safe for labeled grasses Not for use near waterbodies Early Spring to Early Summer - early bud growth to early bloom
	Chaparral (aminopyralid + metsulfuron)	Broad spectrum - absorbed thru foliage and roots preemergent and postemergent activity Spring (rosette to bolt) or fall (seedling to rosette)
	Rodeo, RoundUp Pro, RoundUp Ultra (glyphosate)	Broad spectrum - not for use near surface water Flower bud - nonselective
	Arsenal, Habitat (imazapyr)	Rodeo OK for use in or near aquatic areas Bud to flowering Nonselective - broad spectrum
	2,4-D ester or amine ⁴	preemergent and postemergent activity Habitat labeled for use near water before bud - bud growth stage
	Weed Master (dicamba + 2,4-D)	Selective - Acceptable for use in/near aquatic areas early bud Selective
	Kochia (Watch)	Banvel, Clarity, Vanquish (dicamba)
Vista, Starane (fluroxpyr)		best when plants are small 2-6 inch range before flowering Selective
Glyphosate		Early in growth before flowering Nonselective

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Leafy Spurge (B)	Krenite S (fosamine)	Spring only during bloom to post-bloom OK around water
	Plateau (imazapic)	Fall only prior to hard freeze before loss of latex Selective but may retard growth of some grasses
	Banvel, Vanquish, Clarity (dicamba) 2,4-D Amine	Spring at flowering or fall Early Spring to fall - prevents seed formation only Selective - prevents seed formation only Acceptable for use in/near aquatic areas
	Paramont (quinclorac)	spring at prebloom or in fall
	RoundUp, RoundUp Ultra (glyphosate)	1st app early June, 2nd app one month later
	Campaign (glyphosate + 2,4-D) Crossbow (2,4-D + triclopyr)	Bud Bud
Musk Thistle (B)	Milestone (aminopyralid)	Spring rosette to early bolting or fall rosettes
	Escort XP (metsulfuron)	Spring rosette to early bud growth/very early flower or fall rosettes
	Telar XP (chlorsulfuron)	Spring from rosette thru early flower Selective, safe for labeled grasses Not for use near waterbodies
	Banvel, Vanquish, Clarity (dicamba) 2,4-D or amine4	Spring rosettes or fall Rosettes in spring or fall Selective - Acceptable for use in/near aquatic areas
	Stinger, Transline (clopyralid)	Spring rosette to early bolting or in fall
	Cimarron X-tra (chlorsulfuron + metsulfuron)	Spring rosette to early bud growth or fall rosettes
	Weed Master (dicamba + 2,4-D)	Rosette
	Campaign (glyphosate + 2,4-D)	Rosette
	Curtail (clopyralid + 2,4-D)	Rosette
	Plateau (imazapic)	Rosette
	Redeem R&P (clopyralid + triclopyr)	Selective but may retard growth of some grasses Rosette

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Perennial Pepperweed (B) *applying during flower bud stage extremely effective	Plateau (imazapic)	Summer - flower to late flower Apply flowerbud to flowering stages or fall rosettes Selective
	Telar XP (chlorsulfuron)	Early Spring to Early Summer - bolting to early flower Selective - do not apply near water
	Escort XP (metsulfuron)	Spring - bolting stage Flowerbud to flowering Selective
	Campaign (glyphosate + 2,4-D)	Early bud to flower
	Banvel, Vanquish, Clarity (dicamba)	Before bud
	Rodeo, RoundUp Ultra (glyphosate)	Bud or fall prior to first hard freeze Nonselective
	2,4-D (4# product)	Early spring followed by another application on regrowth Anytime plants are actively growing; best results at flowerbud to flowering stages
	Raptor (imazamox)	Spring rosettes
	Stalker, Arsenal, Chopper, Habitat (imazapyr)	Anytime plants are actively growing; best results at flowerbud to flowering stages Nonselective - do not apply near water
	Pursuit (imazethapyr)	Spring or fall rosettes
Pucturevine - C	RoundUp Ultra (glyphosate)	Early plant growth, emergence and rosettes Nonselective
	Outlaw (dicamba + 2,4-D)	Spring - emergence of seedlings continue thru growing season
	Telar, Telar XP (chlorsulfuron)	Pre-emergance or early post-emergance
	Pendulum (pendimethalin)	Pre-emergance
Quackgrass - C	RoundUp (glyphosate)	when grass is 8 or more inches tall
	Select 2EC (clethodim)	when grass is 4-12 inches tall and repeat

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Russian Knapweed (B) *Highly susceptible to fall applied herbicides	Milestone (aminopyralid)	apply in fall when above ground stems die back and root buds are highly susceptible spring and summer - bud to flowering
	Stinger/Reclaim/Transline (clopyralid)	spring after all shoots have emerged, bud to mid flower growth late fall after frost
	Curtail (clopyralid + 2,4-D)	spring after all shoots have emerged, bud to mid flower growth late fall after frost
	Telar XP (chlorsulfuron)	spring - prebloom to bloom late fall rosettes Selective, safe for labeled grasses Not for use near waterbodies
	Arsenal (imazapyr)	anytime plants are growing or in the fall after frost
	RoundUp (glyphosate)	late bud to early flower late summer or fall
	Prescott/Redeem R&P (clopyralid + triclopyr)	Spring - bud Fall - regrowth
	Banvel, Vanquish, Clarity (dicamba)	rosette growth stage Spring - bud After bloom and before domancy in fall
	RoundUp Ultra (glyphosate)	Spring - bud
	Plateau (imazapic)	Fall - regrowth Selective but may retard growth of some grasses
Russian Olive (B)	Garlon 4, Remedy (triclopyr)	apply to cambial layer of tree immediately after the cut-stump treatment
	Habitat + water, Arsenal + water (imazapyr+water)	apply to cambial layer of tree immediately after the cut-stump treatment
	Habitat, Arsenal (imazapyr)	broadcast spray
Saltcedar (B)	Garlon 4 (triclopyr)	foliar treatments - late spring to early fall cut stump - anytime except when snow is present basal bark - anytime except when snow is present
	Rodeo (glyphosate)	Nonselective Ttreat anytime except when snow is present
	Arsenal, Habitat (imazapyr)	cut stump - anytime except spring during heavy sap flows foliar - late spring to late summer

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Spotted Knapweed (B)	Milestone (aminopyralid)	spring - rosette to early bolt fall - rosettes
	Banvel, Vanquish, Clarity (dicamba)	spring/fall rosettes before flowering stalk lengthens
	Rangestar (2,4-D + dicamba)	spring/fall rosettes before flowering stalk lengthens
	Redeem R&P (clopyralid + triclopyr)	spring/fall rosettes before flowering stalk lengthens
	Transline, Stinger (clopyralid)	spring/fall rosettes before flowering stalk lengthens
	Curtail (clopyralid + 2,4-D)	spring/fall rosettes
Wild Caraway (B)	Escort XP (metsulfuron)	Spring to early summer - bolting to bud growth
	2,4-D ester or amine4	Spring to early summer - rosette to bud growth
		Spring/fall rosettes
		Selective - acceptable for use in/near aquatic areas

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