

## Weed Treatment Matrix

Plant	Treatment	% Solution	Method	Timing	Notes
<b>Garlic Mustard</b>	Roundup Pro (glyphosate)	2% ai	spray	mid <b>April</b> to end <b>May</b> OR late fall (rosettes)	spray up until time of seed set (June)
	Manual	-	pulling or cut low	<b>April</b> until seed set	(bag if pods are present)
<b>Spotted Knapweed</b>	Roundup Pro (glyphosate)	3% ai	spray	mid <b>June - July</b>	rosette to bolting stage - need to really soak plants
	Transline (clopyralid)	0.5%	spray	mid <b>June - July</b>	rosette to bolting
	Mechanical	-	mowing	<b>July</b>	before seeds are formed
<b>Canada thistle</b>	manual	-	root stab	early <b>June</b>	use shovel to cut root
	manual	-	pulling	early <b>June</b>	bag if more than 8 days after flowers open
	mechanical	-	cut or mow	<b>June / Aug / Sep</b>	cut 3x during season
	Transline (clopyralid)	0.5%	spray or wipe	early <b>June - July</b>	spray to wet leaves, stems & base
	Roundup Pro (glyphosate)	2% ai	spray or wick	<b>June</b>	when 6-10 inches tall
<b>Swamp thistle</b>	Mechanical	-	dig	<b>Sept ?</b>	rosettes
	Mechanical	-	mow	<b>July</b>	before seed is set
	Roundup Pro or Rodeo (glyphosate)	2% ai	spray	<b>June - July</b>	Sept. - sponge dabber on rosettes
	Transline (clopyralid)	0.5%	spray or wipe	<b>June-July; Sept</b>	Sept. - sponge dabber on rosettes
<b>Wild parsnip</b>	manual	-	pull	late <b>June - July</b>	until it goes to seed
	mechanical	-	root stab	late <b>June - July</b>	cut root just below ground level
	Roundup Pro (glyphosate)	2% ai	spray or wick (dabber)	late <b>June</b> (rosettes) - <b>July</b>	(1-3% ai glyphosate is suggested)
	Garlon 3A (triclopyr salt)	1%	spray	late <b>June - July</b>	can be sprayed over water won't kill grass
<b>Phragmites</b>	mechanical	-	cut	late <b>July</b>	need trimmer with a blade - cut below lowest leaf
	Roundup Pro or Rodeo (glyphosate)	2% ai	spray or glove	<b>July</b>	re-growth of plants cut in July are a good height to spray

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<b>Purple loosestrife</b>	Rodeo (glyphosate)	1% ai	spray	late <b>July</b> - early <b>August</b>	need only spray 25% of a plant's foliage
	Rodeo	30% (20-40%)	sponge -cut stem	late <b>July</b> - early <b>Aug</b>	good on large plants
	Biocontrol	-	beetles	late <b>May</b> - early <b>June</b>	for adult beetles
<b>Leafy Spurge</b>	Mechanical	-	weed-eater	<b>Mid June-July</b>	to remove flowers
	Plateau (imazapic)	0.5%	spray	mid <b>Sept.</b> best late <b>Aug</b> -mid <b>Oct</b>	remove flowering tops w/ weedeater before seed set & spray resprouts
	Bio-control	-	beetles	<b>early July</b>	
<b>Oriental bittersweet</b>	Roundup Pro (glyphosate)	2%	spray	<b>July - Oct</b>	foliar spray
	Vine-X (triclopyr)	13.5%	cut stump, basal bark	<b>July - Oct</b>	
	Garlon 4 (triclopyr ester)	25% (20-30)	basal bark	<b>May - August</b> (really anytime)	spray in summer when plants can be identified or flag plants for fall treatment
<b>Buckthorn &amp; Honeysuckle</b>	Roundup Pro (glyphosate)	20%	sponge cut stump	early <b>Sept</b> to late <b>Oct</b>	can treat any time of year temp is above 30F
	Roundup Pro (glyphosate)	2%	foliar spray	late <b>Sept</b> to <b>Oct</b>	
	Garlon 4 (triclopyr ester)	25% (20-30%)	cut stump; basal bark	early <b>Sept</b> to late <b>Oct</b>	
	Garlon 3A (triclopyr salt)	100%	cut stump	early <b>Sept</b> to late <b>Oct</b>	can be diluted to 50%
	Vine-X (triclopyr)	13.5%	cut stump; basal bark	early <b>Sept</b> to late <b>Oct</b>	product is "ready to use" with a brush attached
<b>Autumn Olive</b>	Roundup Pro (glyphosate)	20%	cut stump	early <b>Sept</b> to late <b>Oct</b>	can treat any time of year temp is above 30F
	Garlon 3A (triclopyr salt)	100%	cut stump	early <b>Sept</b> to late <b>Oct</b>	can be diluted to 50%

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<b>Siberian Pea shrub</b>	Roundup Pro (glyphosate)	20%	cut stump	early <b>Sept</b> to late <b>Oct</b>	can be treated all summer & fall
	Garlon 4 (triclopyr)	25%	cut stump; basal bark	early <b>Sept</b> to late <b>Oct</b>	can be treated all summer & fall
	Garlon 3A (triclopyr salt)	100%	cut stump	early <b>Sept</b> to late <b>Oct</b>	can be diluted to 50%
	Mechanical /manual	-	digging or pulling	any time	
	Transline (clopyralid)		spray		
<b>Japanese barberry</b>	Roundup Pro (glyphosate)	20%	cut stump	early <b>Sept</b> to late <b>Oct</b>	can be treated any time
	Garlon 3A (triclopyr)	25%	cut stump	early <b>Sept</b> to late <b>Oct</b>	can be applied full strength
<b>Japanese knotweed</b>	manual	-	cut	monthly	takes 3-4 seasons!
	Garlon 3A	5%	foliar spray		
	Garlon 3A	33%	cut stem	<b>June-Aug</b>	spray or dab into hollow cut stem and to cut surface
	Roundup Pro + Garlon 3A	50% +25%	cut stem	<b>June-Aug</b>	with 25 % water. Pour 5-10 ml into cut stem
	Roundup Pro or Rodeo	41% ai (full strength) 5 ml	cut stem or injection	<b>July-Aug</b>	or pour 2-5ml down cut stem; can be diluted to 50%
<b>Reed Canary grass</b>	mechanical	--	mow	mid <b>June</b> and <b>Oct</b>	treat re-sprouts with glyphosate
	Roundup Pro or Rodeo (glyphosate)	1% ai	spray or glove	late <b>Aug- Sept</b>	
	Roundup Pro or Rodeo (glyphosate)	20%	cut stem	early- <b>July</b> (pre-flowering)	for small clones - tie stems together, cut heads, dab
Eurasian water milfoil	?				not analyzed in EA or CE
Curly-leaved pondweed	?				not analyzed in EA or CE
Forget-me-not	?				not analyzed in EA or CE

**Note:**  
For all species, consult the Wisconsin Invasive Control Manual or other treatment guides for specific technique. This is just a general guide for what to do when.