

Nutrien Solutions--- Invasive Species Control Recommendations

Amur Cork Tree (Prohibited)

Basal/cut stump--Garlon 4 Ultra 20%+ **Bark Oil**

Garlon 4 Ultra @ 5%-Foliar

Aspen or Cotton wood (Weedy native)

7 oz Milestone or ½ oz /gal *

Autumn Olive (Restricted)

2 oz Escort XP or 1 tsp/gal

5% Garlon 4 Ultra

Best – combination of both

2.85 oz TerraVue

Black locust (Restricted)

5% Transline with **Bark Oil** LT for basal bark

3% Milestone with **Bark Oil** LT for basal bark

2.85 oz TerraVue per 50-gal water for foliar*

20 oz Transline per 50-gal water for foliar

14 oz Milestone per 50-gal water for foliar –spot spray*

Box elder (Weedy native)

20% Garlon 4-basal or cut surface-with **Bark Oil LT**

2% Garlon – foliar

7oz Milestone

Glossy and Common Buckthorn (Restricted)

Basal/cut stump--Garlon 4 Ultra 20%+ **Bark Oil**

Pathfinder II (ready to use Garlon 4 at 18%)

Garlon 4 Ultra @ 5%-Foliar

Canada & other thistles (Restricted)

7 oz Milestone or 0.25 oz/gal

16 oz Transline or 0.5 oz/gal

Cattail (Narrow leaf is restricted)

1 qt Arsenal/Polaris or 1%

10% Rodeo or Roundup Custom After Aug. 1

Crown & Cow vetch (Restricted)

1 pt Transline or .5 oz/gal

7 oz Milestone or 1/3 oz Milestone/gal

3 oz Opensight

2 oz TerraVue

1 oz Escort XP

Garlic mustard (Restricted)

3% Rodeo/AquaNeat (Glyphosate)

1.5 oz of Oust XP per acre (Stock Solution recipe)

2 oz Detail per acre

2-3% Garlon

If blooming add ½ oz Diquat per gal water

Grecian foxglove

1 oz Escort XP

3.3 oz Opensight

Hedge parsley

1 oz Escort XP or ½ tsp/gal water

Honeysuckles (Restricted)

7% Rodeo (Glyphosate 53.8%)

10% 41% Glyphosate

5% Progeny foliar

20% Progeny basal bark

2% Clash foliar*

4% Clash basal bark*

Japanese barberry (Restricted)

2-3% Garlon foliar

2 oz Escort XP

Japanese/Bohemian/Giant knotweed (Restricted/Prohibited)

1% Arsenal/Polaris*

½ oz Milestone/gal DON'T spray before August 1st *

4% Clash*

Leafy spurge (Restricted)

½ oz Milestone/gal- (spot treat only)

8 oz Method or ½ oz/gal – (spot treat only)

Multiflora rose (Restricted)

1 oz Escort XP or 1/2 tsp/gal

1-2% Garlon foliar

Best – combination of both

Oriental bittersweet (Restricted)

20% Garlon 4 Ultra-basal or cut surface-with **Bark Oil LT**

Pathfinder II (ready to use Garlon 4 at 18%)

2% Garlon 4 Ultra – foliar

Phragmites (Prohibited in Western WI)

2qt Arsenal/Polaris or 2%

10% Rodeo or Roundup Custom

Poison ivy (Weedy Native)

1-2% Garlon

Purple Loosestrife (Restricted)

2% Garlon 3A

2% Aqua Sweep

2% Rodeo

1.25% Vastlan

Reed canary grass (Not regulated)

12 oz Plateau

2 oz Oust XP

1-2% Intensity

10% Rodeo late Season

All products should include **MSO** surfactant or **Liberate****

Spotted knapweed (Restricted)

10.6 oz Transline

5 oz Milestone or 0.25% solution

Sumac (Weedy native)

1-2% Garlon

3% Milestone with Bark Oil

7 oz Milestone per 50 gallons water for foliar

Tansy (Restricted)

1 oz Escort XP

3.3 oz Opensight

2 oz TerraVue

Teasel (Restricted)

1 pt Transline

7 oz Milestone

3.3 oz Opensight or 2 oz TerraVue

Wild Chervil (Restricted)

1 oz Escort XP or ½ tsp/gal.

3.3 oz Opensight early season

2 oz TerraVue early season or late fall

Add 1 oz Detail during late flowering for seed suppression

Wild parsnip (Restricted)

1 oz Escort XP or ½ tsp/gal.

3.3 oz Opensight early season (rosettes)

2 oz TerraVue

Add 1 oz Detail during late flowering for seed suppression.

Wild Carrot or Queens Anne's Lace (Not regulated)

1 oz Escort

3.3 oz Opensight

2 oz TerraVue

Note

1% solution equals 1.28 oz

2% solution equals 2.30 oz

***Caution in Woodland sites**

NR 40 Restricted, Prohibited, Split listed status visit Wisconsin DNR – NR40 for details



If recipe sheet states product in ounces, that is the rate per acre. If product is listed as a %, that is the amount to mix in one gallon water. When using rate per acre, one must calibrate your sprayer before application.

Each herbicide recommended for an individual weed, is to be used separately and not all herbicides recommended are to be mixed. Do not apply herbicides above 85 degrees.

All mixtures should include a surfactant, like MSO with Leci-Tech, *Activator 90* or *Liberate* (can all be used in Aquatic sites) to help herbicide penetrate the leaf surface.

¹ All products or rates recommended by **Rick Schulte: Nutrien Solutions** and **Lee Shambeau: 4 Control**: other rates or products are possible to use on these species. Read and follow all label instructions.

Sites for Labels & MSDS's

www.cdms.net/LabelsMsds/LMDefault.aspx

Nutrien Ag Solutions

www.nutrienagsolutions.com

For registered products and applicators in Wisconsin

www.kellysolutions.com/wi/

for registered products and applicators in Minnesota

<http://www.kellysolutions.com/MN/>

Weed Identification Tool

<http://www.weedid.wisc.edu/weedid.php>

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Site for Invasive Plants Association of Wisconsin <http://www.ipaw.org/>

Site for Midwest Invasive Plant Network <http://www.mipn.org/>

To order 2 qt Sprayers or to order herbicides on-line.

www.4-control.com

or call **888-454-1121**

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