

Herbicides and herbicide concentrations

Use	Herbicide	Concentration	ounces per 3 gal Solo	ounces per 2.5 gal bottle
Foliar: general broad leaf	2,4-D	2.5% in water	9.6 ounces	8 ounces
Foliar: thistle, bird's foot trefoil, sunflower	Transline	0.75% in water	2.9 ounces	2.4 ounces
Foliar: general broadleaf, including those sensitive to Transline	Garlon 3A	3.4% in water	13 ounces	11 ounces
Brambles: cut stems or basal bark	Garlon 4	20% in Bark Oil LT	76 ounces	64 ounces
Honeysuckle: cut stems	Roundup	50% in water	Not for Solo; spray bottles only	160 ounces
Buckthorn: cut stems	Garlon 4	20% in Bark Oil LT	Not for Solo; spray bottles only	64 ounces
Bramble resprouts: foliar	Garlon 3A	3.4% in water	13 ounces	11 ounces
Buckthorn resprouts: foliar	Garlon 3A	5% in water	19 ounces	16 ounces
Honeysuckle resprouts: foliar	Garlon 3A	3.4% in water	13 ounces	11 ounces
Honeysuckle: basal bark	Garlon 4	20% in Bark Oil LT	Not for Solo; spray bottles only	64 ounces
Buckthorn: basal bark	Garlon 4	20% in Bark Oil LT	Not for Solo; spray bottles only	64 ounces
General weed killer; broad leaf, grasses, etc.; foliar	Roundup	2%	7.7 ounces	6.4 ounces
Day lilies	Roundup	5%	19 ounces	16 ounces

All concentrations are given as the amount out of the bottle, not the active ingredient amount.

For foliar: to insure good leaf coverage, add 0.5-1% of nonanionic detergent (liquid soap) to the final mix

For foliar spray: add blue dye (water soluble)

For basal bark: add Bas Oil Red dye (oil soluble)

Herbicide concentrations; commercial sources

Herbicide chemical name	Trade name	Active ingredient % (per label)
2,4-D	none	47.3%
Clopyralid	Transline	40.9%
Glyphosate	Roundup (plus generics)	41.0%
Glyphosate	Roundup Weathermax	49.0%
Triclopyr	Garlon 3A	44.4%
Triclopyr	Garlon 4	61.6%
Triclopyr	Element 4	61.6%