





**For Backpack Sprayers, Knapsack Sprayers, and Hand-pressurized Pump Sprayers**

**Table 2.** Instructions for preparing 1 to 3 gallons of spray solution at 0.5 to 2.0% spray concentration with water for high volume foliar applications.

Gallons of Water	Amount Of Product Needed for Spray Concentration of:			
	0.5%	0.67%	1.0%	2.0%
1	4 teaspoons	5 teaspoons	2.5 tablespoons	5 tablespoons
2	2.5 tablespoons	3.5 tablespoons	5 tablespoons	10 tablespoons
3	2 fl. oz.	2.5 fl. oz.	4 fl. oz.	8 fl. oz.

Equal measures: 1 fl. oz. = 2 Tablespoons (Tbs.) = 6 Teaspoons (tsp.)

**Individual Plant Treatments:**

Use only one basal spray, frill or cut surface application per year.

**Basal Bark:** Apply with low volume backpack sprayer or power equipment. Volume sprayed per acre will depend on method used and number of stems per acre. Use a coarse spray to avoid drift.

**High Volume Basal Bark:** For high volume applications, apply a coarse spray as a drench treatment to the base of stems and trunks up to a height of 18 to 24 inches. Total coverage of the stems and root collars is essential. Spray until runoff and pooling at the ground line is noticed.

Mix 3.0 to 4.0 gallons of SUPERBRUSH KILLER with 95 to 97 gallons of oil (diesel oil, No. 1 or No. 2 fuel oil, kerosene, or mineral oil). Spray volumes will depend upon the sizes, types, and densities of the species present.

**Low Volume Basal Bark:** For low volume applications, apply a uniform spray pattern to all sides of the stems and trunks up to a height of 18 to 24 inches. Treat the entire circumference of the tree.

Mix a full oil spray containing 33% SUPERBRUSH KILLER, 10 to 20% surfactant, and 47 to 57% diesel oil. Suggested surfactants include Cide-Kick, Cide-Kick II, or other surfactants/penetrants appropriate for oil soluble herbicides. Substitutes for diesel oil as a diluent include the following basal oils: Androc Oil, Hy-Grade I, Arborchem Basal Oil, JLB Oil Plus, and other blends formulated for basal bark applications.

**Cut Surface – Stump:** This method can be used at anytime of the year, but is more effective when applied as soon as possible after trees are cut. Spray the entire stump, particularly bark and exposed roots. Complete control requires a thorough drenching. Use this method after original or capital clearing. It is the primary step toward a chemical brush control program on newly cleared highways and rights-of-way. Spray is most effective and economical on tree stumps with diameters larger than 3 to 4 inches.

Mix 0.5 to 1.0 gallon of SUPERBRUSH KILLER with 25 gallons of diesel oil, basal oils, penetrant oils, or mineral oil. Apply to freshly cut tree stumps with a low volume knapsack sprayer using a cone nozzle. Spray thoroughly the cut surfaces, bark, and exposed roots. Treat the entire circumference of the tree. Drench until runoff to the soil surface is noticed.

For painting freshly cut stumps, mix 2 quarts of SUPERBRUSH KILLER with 1.0 gallon of basal oil and thoroughly paint all surfaces of the stump.

**Frill Treatment:** This treatment is recommended for culling trees with trunk diameters greater than 5 to 6 inches. Make a frill by using an axe to cut overlapping notches in a continuous ring around the trunk near its base. Cut through the bark, but do not remove chips.

Mix 3.0 to 4.0 gallons of SUPERBRUSH KILLER in 100 gallons of diesel oil or mineral oil and treat freshly cut frills anytime of the year. Spray or pour the spray mixture into the frills without runoff.

BRUSH CONTROLLED:			
Ash	Buckbrush	Honey locust	Shortleaf pine
Aspen	Cedar	Honeysuckle	Spruce
Birch	Cherry	Kudzu	Sumac
Blackberry	Cottonwood	Maple	Sycamore
Black cherry	Dogwood	Multiflora rose	Trumpet creeper
Black locust	Elm	Oak	Wild plum
Brambles	Gooseberry	Pine	Willow

BROADLEAF WEEDS			
Aster, white heath & white prairie	English daisy	Mustard	Spurge
Bedstraw	False dandelion	Nettle	Sunflower
Beggarweed, creeping	(*spotted catsear & common catsear)	Oxalis (*yellow woodsorrel & creeping woodsorrel)	Thistle
Bindweed	Field bindweed	Parsley-piert	Velvetleaf (*pie marker, Indian mallow)
Black medic	(*morningglory & creeping jenny)	Pennsylvania smartweed	Veronica (*corn speedwell)
Broadleaf plantain	Field oxeye-daisy	(*smartweed)	Virginia buttonweed
Buckhorn plantain	(*creeping oxeye)	Pennywort	White clover (*Dutch clover, honeysuckle clover, white trefoil & purplewort)
Bull thistle	Filaree, whitestem & redstem	(*dollarweed)	Wild carrot
Burclover	Florida pusley	Pepperweed	Wild garlic
Burdock, common	Ground ivy	Pigweed	Wild geranium
Buttercup, creeping	Groundsel	Pineappleweed	Wild lettuce
Carpetweed	Hawkweed	Plantain	Wild mustard
Chickweed, common	Healall	Poison ivy	Wild onion
Chicory	Henbit	Poison oak	Wild strawberry
Cinquefoil	Jimsonweed	Prostrate knotweed	Wild violet
Clover	Kochia	(*knotweed)	Yarrow
Cocklebur	Lambsquarters	Puncturevine	Yellow rocket
Compassplant	Lawn burweed	Purslane	
Curly dock	Lespedeza, common	Ragweed	
Dandelion	Mallow, common	Red sorrel	
Dayflower	Matchweed	(*sheep sorrel)	
Deadnettle	Mouseear	Sheeperspurse	
Dock	chickweed	Spotted spurge	
Dogfennel			

\*Synonyms

**For Use on Residential and Ornamental Turfgrass Sites and Sod Farms (Cool-Season Grasses Other Than Bentgrass):**

**USE PRECAUTIONS:**

Do not use on carpetgrass, dichondra, St. Augustinegrass, bentgrass, nor on lawns or turf where desirable clovers are present. Use only lawn type sprayers. Do not exceed specified dosages for any area. Do not apply to newly seeded grasses until well established. Do not spray when air temperatures exceed 85°F. Seed can be sown 3 to 4 weeks after application.

Do not use this product on or near desirable plants, including within the drip line of desirable trees and shrubs, since injury may result.

**INSTRUCTIONS:**

Maximum control of weeds will be obtained from spring or early fall applications when weeds are actively growing. Avoid spraying during long, excessively dry or hot periods unless adequate irrigation is available. Do not irrigate within 24 hours after application.

Apply 2.0 to 3.0 pints of product in 20 to 260 gallons of water per acre (0.75 to 1.1 fluid ounces of product in 0.5 to 6.0 gallons of water per 1,000 square feet). Use higher rates when using the higher volume of water per acre.

**Limitations on broadcast treatments for ornamental turfgrass and sod farms:**

The maximum application rate is 3.0 pints of product per acre per application. For ornamental turfgrass, the maximum number of broadcast applications is limited to 2 per year with a minimum of 30 days between applications. For sod farms, the maximum number of broadcast applications is limited to 2 per year with a minimum of 21 days between applications. The maximum seasonal rate is 6.0 pints of product per acre.

**Controlled Droplet Applicator (CDA)** – Add 1.5 pints to the Herbi container and fill with water. Spray contents over 33,000 square feet. Avoid overlapping between spray patterns.

**Spot treatments** – Not recommended for hose end sprayers. Spray during the growing season when weeds are actively growing. On new lawns wait until the grass has hardened off, usually after it has been mowed at least three times. Poor weed control may result if spray is applied during drought or just before rain. Do not water within 24 hours after treatment.

Spray Preparations For Hand Operated Sprayers		
Amount of Product to Use:	Gallons of Water	Area To Treat, Sq. Ft.
1.5 tablespoons (0.75 fl. oz.)	1 gal.	1,000 sq. ft.
3 tablespoons (1.5 fl. oz.)	2 gal.	2,000 sq. ft.
4.5 tablespoons (2.25 fl. oz.)	3 gal.	3,000 sq. ft.



