

Herbicide	Active Ingredient	Label*/ Usage	Activity	Timing/ Season	Species Controlled	Applicaton Equipment	Surfactant Necessary
Pathway	0.25 lbs. per gallon of 5.4% Picloram and 1 lb. per gallon on 2, 4-D amine	Forestry; cut surface injection	Systemic-translocated to roots. (Forestry-cut surface and injection only)	All year	Woody species; trees—Alianthus, Alder, Aspen, Birch, Elm, Fir, Green Ash, Gum, Hawthorn, Maples, Oaks, Pecan, Persimmon, Serviceberry, Sourwood, Sweetbay and others	Silvaxe, Reuel-Little Tree Injector, hatchet, machete, etc. cut surface and spray applications	No
Roundup	4 lbs. per gallon of 41% Glyphosphate	Forestry, Christmas trees, horticulture, agriculture, industry	Systemic-translocation to root system; foliage must be present	Spring to early fall	Non-selective control for most herbaceous plants; woody brush, trees, pines, Kudzu. (Foliar active only, nonresidual control/ deteriorates rapidly in soil-forestry and horticulture use—nonselective)	Aerial, boomtype, handheld, backpack, and high volume sprayers	No
Accord	4 lbs. per gallon of 41.5% Glyphosphate	Forestry; site preparation and release injection and cut stump; EPA registered for wetlands; herbaceous release non-cropland	Foliar	Growing season—late summer through fall; most effective-before color change	Broad spectrum control of brush and trees and herbaceous weeds. For use in wetland areas—controls above surface plants only	Backpack, mistblower, aerial, injection, boom equipment	Yes
Arsenal (Industrial use)	2 lbs. per gallon of 27.6% Imazapyr plus surfactant	Industrial maintenance	Foliar and soil	Spring through fall	Annual and perennial grasses, broadleaf trees and woody plants—Kudzu application in pine stands. Forestry and industrial uses, pine resistant	Aerial backpack sprayers, boom sprayers	No
Arsenal Applicators	4 lb. per gallon concentrate of 53.1% Imazapyr	Forestry site preparation and release	Foliar and soil; post and preemergent.	Spring through fall	Broad spectrum control; broad leaf trees and woody brush; and herbaceous species—pines are tolerant; loblolly pine is highly tolerant; Kudzu applications in pine stands. Loblolly pines highly resistant	Aerial, backpack sprayers, frill (spray or brush applications on cut surface)	Yes

Herbicide	Active Ingredient	Label*/ Usage	Activity	Timing/ Season	Species Controlled	Applicaton Equipment	Surfactant Necessary
Pronone Pellets	75% Hexazinone	Reforestation, rangeland; pastures, and non-croplands	Soil-translocates through roots; moisture is required to activate in soil	Late winter to early summer	Residual control of annual and biennial weeds, woody plants and perennial weeds	Apply in grid pattern	No
Rodeo	5 lbs. per gallon of 53.8% Glyphosphate	Aquatic	Foliar	Spring to early fall	Controls most herbaceous and woody plants; foliar active only, short persistence, in soil above surface weed control in and around aquatic sites	Aerial (except CA), boom equipment, back-pack sprayers, highvolume sprayers	Yes
Velpar L	2 lbs. per gallon of 25% Hexazinone	Christmas trees, forestry site preparation; non-crop land areas, rangeland, pasture, tree injection	Soil and some contactfoliar activity (roots and foliage)	Early spring to early summer—rainfall necessary for activation	Many annual and biennial weeds, brush, woody vines (excluding grass); is effective for control of most perennial weeds; basal soil treatment; pre-emergent only—will not harm existing plants/ landscaping. Approved for nurseries and horticultural uses	Aerial, backpack, injection, boom type sprayers	No
Patron 170	1.83 lbs. 2,4-D 1.87 lbs. Dichloroprop	Commerical and utility use; control of mixed brush, vines and other broad leaf leaves	Foliar and cut surface	Spring through fall	Most woody plants and mixed brush including Aspen, Birch, Elm, Fir, Locust, Poison Ivy, Poison Oak, Sagebrush, Virginia, Creeper, Willow	Backpack or boom spayers, tree injections	No

*Before use, please read carefully and follow directions on the label.

FREE Technical Support

When you have a question, you can rely on our team of technical experts. They'll answer your questions about product specifications, chemical compatibility, regulatory issues, and general worker safety and health.

Call our Technical Support line toll-free:

1-800-241-6401

7 a.m. to 7 p.m. CT, Monday–Friday

FREE Catalog

When the outdoors is your office, turn to a Ben Meadows Catalog. In it you'll find thousands of products and our 100% guarantee to stand behind them.

Call today to reserve your free copy:

1-800-241-6401

7 a.m. to 7 p.m. CT, Monday–Friday

Please note: The information contained in this publication is intended for general information purposes only. This publication is not a substitute for review of the applicable government regulations and standards, and should not be construed as legal advice or opinion. Readers with specific questions should refer to the cited regulation(s), or consult with an attorney.