



AGRICULTURAL BULLETIN



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352-392

VELPAR® L HERBICIDE
CONIFER RELEASE
EAST OF THE ROCKY MOUNTAINS

SUPPLEMENTAL LABELING
EPA REG. NO. 352-392

VELPAR® L HERBICIDE
FOR CONTROL OF UNDESIRABLE WOODY AND HERBACEOUS PLANTS
FOR CONIFER RELEASE

DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

ACCEPTED
MAR 19 1985
EPA REG. NO. 352-392

Du Pont Velpar® L Herbicide is recommended for conifer release where balsam fir, red pine, black spruce, loblolly pine, Norway spruce, red spruce, white spruce or Virginia pine are grown. "Velpar" L is an effective herbicide providing both contact and residual control of many herbaceous and woody plants.

HOW TO USE

Apply 2 to 4 qts. "Velpar" L per acre (4 to 8 qts. per acre for use in red pines and 1 1/2 to 6 qts. for use in loblolly pine) by air or by ground. For aerial application, use appropriate aerial application equipment and apply in a minimum of 10 gallons of spray per acre, but not less than 5 gallons of water for each one gallon of "Velpar" L. To reduce drift, use a precise application spray boom and/or a spray thickening agent such as Nalco-Troll. Do not use a surfactant. For ground application, apply "Velpar" L in enough water for thorough coverage, usually 25 gallons per acre using conventional spray equipment to insure uniform distribution of liquid over the treated area.

WHEN TO APPLY

Southern States

"Velpar" L should be applied during the period from early spring (one-half leaf) until early summer after the hardwood trees have reached full leaf stage, but before leaf tissue has hardened.

Northern States

Apply from late spring, at or near conifer budbreak, until early summer. For maximum contact activity on woody brush, apply after brush is in 3/4-leaf stage.

The preferred pine stage of growth for application is between growth spurts. Some conifer needles may be discolored, however, full recovery can be expected the following spring. Mortality of some pine trees may occur. At least 1 to 2 inches of rainfall are needed for soil activation.

When used as directed, "Velpar" L provides control of many woody and herbaceous plants.

Woody plants include: ash, aspen, balsam poplar, birch, blackgum*, box elder, cherry (black and pin), dogwood*, elm, hawthorn, hazel, honeysuckle, oaks, (red, black and white), red maple*, Rubus (blackberries and raspberries), sumac*, sweetgum* and willow.

*Partial control or suppression only - highest rates required.

Herbaceous plants include: aster, bracken fern, common groundsel, common ragweed, crabgrass, dog fennel, goldenrod, horseweed, fireweed, foxtail, panicums, quackgrass, ryegrass and wild carrot.

Notes:

1. Do not apply where conifers are suffering from loss of vigor caused by insects, diseases, drought, winter damage, or other stresses, as injury may result.
2. Excessive injury may result to conifers less than four years of age from transplanting on coarse textured soils, and less than three years of age from transplanting on medium and fine textured soils.
3. Poor weed and brush control may occur from use on poorly drained or marshy sites.
4. Poor weed and brush control may also occur from applications made when the soil is saturated with water and rain is imminent within 24 hours.
5. Severe damage may result from use on Jack pine, white pine, or larch.
6. Use the lower rates (1 1/2 to 2 1/2 qts.) on coarse textured soils (i.e., sand, loamy sand, sandy loam).
7. Use the intermediate rates (2 1/2 qts. to 5 qts.) on medium textured soils (i.e., loam, silt loam, silt).
8. Use the higher rates (5 to 8 qts.) on medium fine and fine textured soils (i.e., sandy clay loam, clay loam, silty clay loam, sandy clay, silty clay).
9. Use on gravelly or rocky soils and exposed subsoils may cause conifer injury or mortality.
10. On tracts of land where various soil types are present and "Velpar" L rate selection is difficult, conifer damage or less than expected vegetation suppression may occur.

BEST AVAILABLE COPY

IMPORTANT

BEFORE USING "VELPAR" L, READ AND CAREFULLY OBSERVE THE CAUTIONARY STATEMENTS AND ALL OTHER INFORMATION APPEARING ON THE PRODUCT LABEL.

This bulletin contains new or supplemental instructions for use of this product which may not appear on the package label. Follow the instructions carefully. ✓

This labeling must be in the possession of the user at the time of pesticide application.

¹Nalco-Trol - Trademark of Nalco Chemical Company.

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