

1 of 2 #352-392

PM23

SPECIMEN LABEL
130% OF ACTUAL SIZE

BEST AVAILABLE COPY

E-73267



WATER DISPERSIBLE LIQUID • 1 GALLON CONTAINS 2 LBS. HEXAZINONE

ACTIVE INGREDIENT	
Hexazinone [3-cyclohexyl-6-(dimethylamino)-1-methyl-1,3,5-triazine-2,4(1H,3H)-dione]	25%
INERT INGREDIENTS	75%
U.S. Pats. 3,902,887 & 3,983,116	EPA Reg. No. 352-392

Keep out of reach of children
PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
DANGER! CAUSES EYE DAMAGE.

Do not get in eyes. Wear goggles or face shield and rubber gloves when handling. Avoid contact with skin and clothing. Avoid breathing spray mist. Harmful if swallowed.
In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Get medical attention if skin irritation persists. Remove and wash contaminated clothing before re-use.

ENVIRONMENTAL HAZARDS

Do not apply where runoff is likely to occur. Do not contaminate water by cleaning of equipment or disposal of wastes.

PHYSICAL AND CHEMICAL HAZARDS

Flammable. Keep away from heat, sparks, and open flame. Keep container closed.

IMPORTANT—Injury to or loss of desirable trees or other plants may result from failure to observe the following: Do not apply except as recommended or drain or flush equipment on or near desirable trees or other plants, or on areas where their roots may extend, or in locations where the chemical may be washed or moved into contact with their roots. Do not use on lawns, walks, driveways, tennis courts, or similar areas. Prevent drift of spray to desirable plants. Keep from contact with fertilizers, insecticides, fungicides, and seeds.

Thoroughly clean all traces of "Velpar" L from application equipment immediately after use. Flush tank, pump, hoses and boom with several changes of water after removing nozzle tips and screens (clean these parts separately).

E. I. DU PONT DE NEMOURS & CO. (INC.), AGRICULTURAL CHEMICALS DEPT., WILM., DE

ACCORD
APR 24 1985
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 352-392

GENERAL INFORMATION: Du Pont "Velpar" L Herbicide is a water-dispersible liquid to be mixed in water and applied as a spray for selective weed control in Christmas tree plantations, for selective weed and brush control in reforestation areas, and for nonselective weed and brush control on noncropland areas. It may also be applied undiluted as a basal soil treatment for brush control on noncropland areas and in reforestation areas, or by tree injection for selective brush control. It is non-corrosive to equipment.

"Velpar" L is an effective general herbicide providing both contact and residual control of many weeds. At rates recommended for noncropland areas, it provides control of many annual and biennial weeds, brush, woody vines, and, except for johnsongrass, is effective for control of most perennial weeds. It is absorbed through the roots and foliage. For brush control, soil application or injection is most effective.

Moisture is required to activate "Velpar" L in the soil. Best results are obtained when weeds are less than 2 inches in height or diameter, soil is moist at time of application and 1/4 to 1/2 inch of rainfall occurs within 2 weeks after application. Foliage application to weeds is most effective under conditions of high temperature (80°F), high humidity and good soil moisture. Foliage application when vegetation is dormant or semi-dormant may not be effective.

On herbaceous plants, symptoms usually appear within 2 weeks after application under warm, humid conditions, while 4 to 6 weeks may be required when weather is cool. If rainfall after application is inadequate to activate "Velpar" L in the soil, plants may recover from contact effects and continue to grow.

On woody plants, symptoms usually appear within 3 weeks after sufficient rainfall has carried the herbicide into the root zone, during periods of active growth. Defoliation and subsequent refoliation may occur, but susceptible plants are killed. The degree of control and duration of effect will vary with the amount of chemical applied, rainfall, temperature, weed and brush species, soil texture and other conditions.

DIRECTIONS FOR USE

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

Du Pont "Velpar" L should be used only in accordance with recommendations on this label, or in separate published Du Pont recommendations available through local dealers.

Du Pont will not be responsible for losses or damages resulting from use of this product in any manner not specifically recommended by Du Pont. User assumes all risk associated with such non-recommended use.

For broadcast treatments using ground equipment, apply "Velpar" L as a spray just before or soon after weed emergence. Do not apply to frozen or snow-covered soil. Before spraying, calibrate equipment to determine the quantity of water necessary to uniformly and thoroughly cover the vegetation and soil in a measured area to be treated. Use at least 5 gallons of water for each gallon of "Velpar" L.

Add the proper amount of "Velpar" L to a spray tank filled with the amount of water to be used and mix thoroughly. A surfactant such as Du Pont Surfactant WK may then be added at the rate of 1 quart per 100 gals. of spray to improve wetting and/or contact activity. After thoroughly mixing the spray solution, a suitable defoaming agent such as DOW Corning "Antifoam" A or "Hodag" "Antifoam" F-1 may also be added at the rate of 1 to 5 ozs. per 1,000 gals. of spray should foaming become a problem. Agitate thoroughly to disperse the defoaming agent.

Use a fixed boom sprayer properly calibrated to a constant speed and rate of delivery. When used in conifer plantings, avoid over-lapping and shut off spray booms while starting, turning, slowing, or stopping or injury to the conifer trees may result. For application with a handgun sprayer (non-cropland areas only), use sufficient water (50 to 200 gals. per acre) for thorough coverage. For treating small non-cropland areas, a tank-type hand sprayer or sprinkling can may be used.

GENERAL WEED AND BRUSH CONTROL—NONCROPLAND AREAS: Railroad, Highway, Utility and Pipeline Right-of-Ways, Petroleum Tank Farms, Storage Areas, Industrial Plant Sites, Drainage Ditch Banks and other similar areas.

Use the higher levels of the recommended dosage ranges under the following conditions: on hard-to-kill species, on fine-textured soils (clay, clay loam), on soils containing more than 5% organic matter or carbon, and on coarse-textured soils (sand, loamy sand, gravelly soils) where rainfall exceeds 40 inches per year. Use the lower levels of the dosage ranges if the growing season is short.

Weed Control—Apply 3 to 6 gals. per acre for season long control of many annual, biennial and perennial weeds including bahiagrass*, bermudagrass*, bluegrass, broomsedge, camphorweed, Canada thistle*, chickweed, clovers, dewberry, dogfennel*, fescue*, fingergrass, foxtail, guineagrass, heath aster, honeysuckle, lantana, marehail*, natagrass, plantain, prickly lettuce, ragweed, smutgrass, Spanish needle, vaseygrass, wild blackberry* and wild carrot.

For short-term control (up to 3 months) of the above weeds, apply 1 to 2 1/2 gals. per acre. Application at 1 to 2 1/2 gals. per acre also provides short-term control of many annual, biennial and perennial weeds including barnyardgrass, bindweed*, bouncing bet*, bromegrass, buffalograss*, burdock, cocklebur, crabgrass, crown vetch, curly dock*, dandelion*, dogbane*, liddle-neck, filaree, floudbane, gallsbeard vine, goldenrod, lespedeza, milkweed*, mustard, nutsedge*, orchardgrass*, oxalis, paragrass, pigweed, purslane, quackgrass, ryegrass, smartweed, spurge, trumpet creeper*, wild oats*, wild parsnip and wild star thistle.

For small areas—Three fl. ozs. "Velpar" L per 250 sq. ft. is approximately 4 gals. per acre.

Brush Control—Apply to soil during the period between late winter and early summer for control of blackgum, black cherry, elm, flowering dogwood, green ash, hawthorn, hickory, oaks (except liveoak), persimmon, sumac, sweetgum, and willow. In areas where the soil normally remains frozen during the winter, and spring rains are usually inadequate for soil activation, a fall or winter treatment may be applied before the soil freezes.

Note: For effective brush control and prevention of damage to desirable vegetation, do not apply to brush standing in water; do not use water from treated ditches for irrigation, do not use where desirable trees or shrubs are immediately adjacent to the treated area.

Broadcast Treatment—Apply 2 to 4 gals. of "Velpar" L per acre as a coarse spray with water. Direct the spray to the soil beneath woody plants to be controlled.

Undiluted Basal Soil Treatment—Apply "Velpar" L undiluted with an exact-delivery hand gun applicator. This equipment delivers a thin stream of predetermined volume when triggered. Apply at the rate of 2 to 4 milliliters for each 1" of stem diameter at breast height. Direct the treatment to the soil within 3 ft. of the root collar of woody plants to be controlled. When treating large stems and more than one delivery of "Velpar" L is needed per stem, make applications on opposite sides of the stem.

SELECTIVE WEED CONTROL—CHRISTMAS TREE PLANTATIONS (EAST OF THE ROCKY MOUNTAINS): "Velpar" L is recommended for control of certain weeds in Christmas tree plantations where Scotch Pine, Austrian Pine, Grand Fir, Sitka Spruce, and Noble Fir are grown. It is also recommended for use where Scotch Pine, Loblolly Pine, Ponderosa Pine, Austrian Pine, Grand Fir, Sitka Spruce and Noble Fir are grown.

Since the effect of "Velpar" L on conifers varies with soils, uniformity of application, and environmental conditions, it is suggested that growers limit their first use to small areas.

Note: Because injury to conifers may result, do not use in nurseries, seedbeds or ornamental plantings; do not use on trees which show poor vigor because of insect, disease or winter injury, or show symptoms of other stress conditions, do not add surfactant if applied over the top of conifers; do not use on poorly drained soils. In addition, conifer injury may result where severe winter stress, disease, or insect damage follows application, or heavy rains occur soon after application. Do not use for weed control in Christmas tree plantations in the state of Texas.

*Considered hard-to-kill

NOTICE OF WARRANTY

Du Pont warrants that this product conforms to the chemical description on the label and is reasonably fit for purposes stated on such label only when used in accordance with directions under normal use conditions. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials or the manner of use or application, all of which are beyond the control of Du Pont. In no case shall Du Pont be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the Buyer. DU PONT MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

STORAGE AND DISPOSAL

STORAGE: Do not subject to temperatures below 32°F. Store product in original container only, away from other pesticides, fertilizer, food, or feed.

DISPOSAL: Do not contaminate water, food, or feed by storage or disposal. Triple rinse (or equivalent) the container. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

BEST AVAILABLE COPY

When used as directed, "Velpar" L controls annual bluegrass, barnyardgrass, bentgrass, bromegrass, carabaw, common groundsel, common ragweed, false-dandelion, fleabane, foxtail, quack daisy, Pennsylvania smartweed, velvetgrass and wild carrot. Treatment provides partial control of curly dock, dandelion, yellowweed (fireweed), fescue, goldenrod, horseweed, orchardgrass and ryegrass. Rates expressed are broadcast. For band application, use proportionately less; for example use 1/2 of the broadcast rates when treating a 3 ft. band where row spacing is 6 ft.

Apply as a broadcast spray in the spring prior to conifer bud break. If application is made after bud break, use directional spray equipment and prevent contact of conifer foliage or injury may result.

Soil Texture**	FIRST YEAR PLANTATIONS Plants "Velpar" L Per Acre†	ESTABLISHED PLANTATIONS Plants "Velpar" L Per Acre†
Gravelly or Rocky Soils, Exposed Subsoils, Clay Knots, Sand, or Sandy Soils with 85% or more Sand	Do Not use	Do Not Use
Loamy Sand and Sandy Loam (50-85% Sand)	4	4-5
Loam, Silt Loam, Silt and Sandy Clay Loam	4-5	5-7
Silty Clay Loam, Clay Loam, Sandy Clay, Silty Clay, and Clay	5-6	7-8

**Do not use on any soil containing less than 1% organic matter; do not use on loamy sand or sandy loam with less than 2% organic matter.

†Apply only to transplant stock that is 2 years old (2 ft. or more (1 year old for loblolly pine). Allow at least two months after transplanting before applying "Velpar" L, then apply only if rainfall has settled the soil around the base of the transplants.

††Use of rates in excess of those specified for the soil texture may result in injury to the conifers.

SELECTIVE BRUSH CONTROL—REFORESTATION AREAS:

By Injection—Inject 1 milliliter of undiluted "Velpar" L through the bark of undesirable trees. Injections should be made at 4" intervals around the circumference and near the ground. When using tubular injector equipment, or at least height when using the HYPO-Hatchet or similar device. Treatments should be made in the summer.

When used as directed, "Velpar" L controls black cherry, red maple, oaks (including live oak), and sweet gum.

Undiluted Basal Soil Treatment—Apply "Velpar" L undiluted with an exact-delivery hand gun applicator. This equipment delivers a thin stream of a predetermined volume when triggered. Apply at the rate of 2 to 4 milliliters for each 1" of stem diameter at breast height of trees to be controlled. Direct the treatment to the soil within 3 ft. of the root collar of trees to be controlled. When treating large stems and more than one delivery of "Velpar" L is needed per stem, make applications on opposite sides of the stem.

When used as directed, "Velpar" L controls aspen, elm, wild cherry, oaks (including live oak), sumac, and willow.

Notice to Buyer: Purchase of this material does not confer any rights under patents of countries outside of the United States.

EPA Est. 5905-AR 1, 42761-MS-1
Superscript used is first letter of lot number

AG 438 0884

Made in USA Printed in USA

Continued →