

1 FEB 1993

Willy Lin, Ph.D.
Ag Products
E. I. du Pont de Nemours & Co. Inc.
P.O. Box 80039
Wilmington, DE 19880-0038

Dear Dr. Lin:

Subject: Du Pont Velpar® Herbicide
EPA Registration No. 352-378
Application Dated September 8, 1992, Proposed Amendment
To Add Use on Forage Grasses, Presently Registered Under
Section 24(c)s of the Act

The proposed amendment to register the use of Velpar Herbicide for selective weed control in forage grasses under section 3 of the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) as amended is acceptable provided that you:

1. You revise the "NOTE" to read "Do not cut for forage or hay, nor graze domestic animals on treated areas within 60 days following application."
2. Submit five (5) printed copies of the final printed label before releasing the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA, Section 6(a). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the labeling is enclosed for your records.

Sincerely yours,

Joanne I. Miller
Product Manager (23)
Fungicide-Herbicide Branch
Registration Division (H-7505C)

Enclosure

E.Wilson: Diskette #0009: 01-29-93

BEST AVAILABLE COPY

AGRICULTURAL PRODUCTS

"..... A Growing Partnership With Nature"

VELPAR® HERBICIDE
FOR SELECTIVE USE ON
FORAGE GRASSES

Rec'd 1-25-93
RL - Grazing &
cutting grasses for
hay. has 60 day P.H.I.
Eugene Wilson

VELPAR® HERBICIDE

EPA REG. NO. 352-378

SELECTIVE WEED CONTROL IN FORAGE GRASSES

DIRECTIONS FOR USE

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

Velpar Herbicide is recommended for control of smutgrass and other weeds (see container label) in established stands of bermudagrass and bahiagrass.

Apply 3/4 to 1 1/4 pounds "Velpar" per acre when soil conditions are warm and moist and weeds are actively growing. Use the lower rate on coarse-textured soils (sands to sandy loams) and the higher rate on fine-textured soils (clay loam and clay) and soils high in organic matter (over 5%). As severe crop injury may result, do not treat newly sprigged/sodded pasture grass; treat only after the stand has been established for one year or more. For fence-line treatments, use the higher rate. Do not apply near the root systems of desirable woody plants such as oak trees.

Apply one treatment per year using a fixed-boom power sprayer. Before spraying, calibrate equipment to determine the quantity of water necessary to uniformly and thoroughly cover the soil and vegetation in a measured area to be treated. The sprayer must be calibrated to a constant speed and rate of delivery. Avoid overlapping and shut off spray booms while starting, turning, slowing, and stopping or injury to the crop may result.

Apply in at least 25 gallons of spray per acre using ground equipment. Add "Velpar" powder to a water-filled tank using agitation vigorous enough to prevent settling for approximately 10 minutes to dissolve the product.

Moisture is necessary to activate the herbicide. Best results are expected when weeds are less than 2 inches in height or diameter and actively growing, soil is moist at time of application, and 1/2 to 1 inch of rainfall occurs within 2 weeks after application.

Foliar application to weeds is most effective under conditions of high temperature (above 80°F), high humidity and good soil moisture. Toxicity symptoms usually occur within 2 weeks after application under these conditions while 4 to 6 weeks may be required when weather is cool. If rainfall after treatment is inadequate to promote root uptake, weeds may recover from foliar effects and continue to grow. Extremely heavy rainfall after application may result in poor weed control and/or crop injury, especially if the application is made to dry soil.

Temporary injury (chlorosis and leaf burn) to bermudagrass and bahiagrass can be expected after application. Plants will recover from this injury in 2 to 3 weeks and continue to grow, if environmental conditions are favorable to growth, while weeds are killed. To avoid severe injury, do not use on gravelly or rocky soils, thinly covered subsoils, or on any soil with less than 1% organic matter; do not treat when desirable grasses are under drought stress or other stresses such as insect or disease injury.

Since bermudagrass and bahiagrass varieties are numerous, continuously changing, and may respond differently to "Velpar", it is suggested that growers limit their first use to small areas.

Oak trees are highly sensitive to applications of "Velpar" Herbicide. To avoid injury to oaks, do not apply "Velpar" within a distance equal to twice the height of the tree.

NOTE: Do not graze or feed treated forage or hay to livestock within 45 days following application.

IMPORTANT

BEFORE USING "VELPAR", 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.

With COMMENTS
in EPA Letter Dated:

D-021382

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, this pesticide is registered under Reg. No. 352-378