

352-663

09-27-2007

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U.S. Environmental Protection Agency
Office of Pesticide Programs
Registration Division (7505C)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg.
Number:

352-663

Date of Issuance:

SEP 27 2007

Term of Issuance: _____

Name of Pesticide Product:

Velpar K-4 Max Herbicide

NOTICE OF PESTICIDE:

Registration
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

DuPont Crop Protection
Stine-Haskell Research Center, P.O. Box 30
Newark, DE 19714-0030

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is reregistered in accordance with FIFRA provided you agree in writing to:

1. On pages 2 and 3, revise the three occurrences of the word "recommendations" to "directions"
2. On page 4, revise "is recommended" to "may be used" under WEEDS CONTROLLED.
3. Revise the tank mix directions for Gramoxone Max, as this product has been cancelled, and replace with use directions for Gramoxone Inteon. Revise rates to reflect change in active ingredient percentage.
4. Revise the PPE requirement "A NIOSH approved dust/mist filtering respirator with any N, R, P, or HE filter or with approval number prefix TC-21C" to "A NIOSH approved particulate filtering respirator equipped with any N, R, or P class filter media with NIOSH approval number prefix TC-84A. It is recommended that the respirator wearer be fit tested, and trained in the use, maintenance, and limitations of the respirator."

Signature of Approving Official:

James Tompkins, Product Manager (25)
Herbicide Branch, Registration Division (7505P)

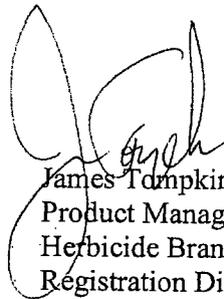
Date:

9-27-08

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You will submit one (1) copy of your final printed labeling before you release the product for shipment. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). A stamped copy of labeling is enclosed for your records.



James Tompkins
Product Manager 25
Herbicide Branch
Registration Division (7505P)



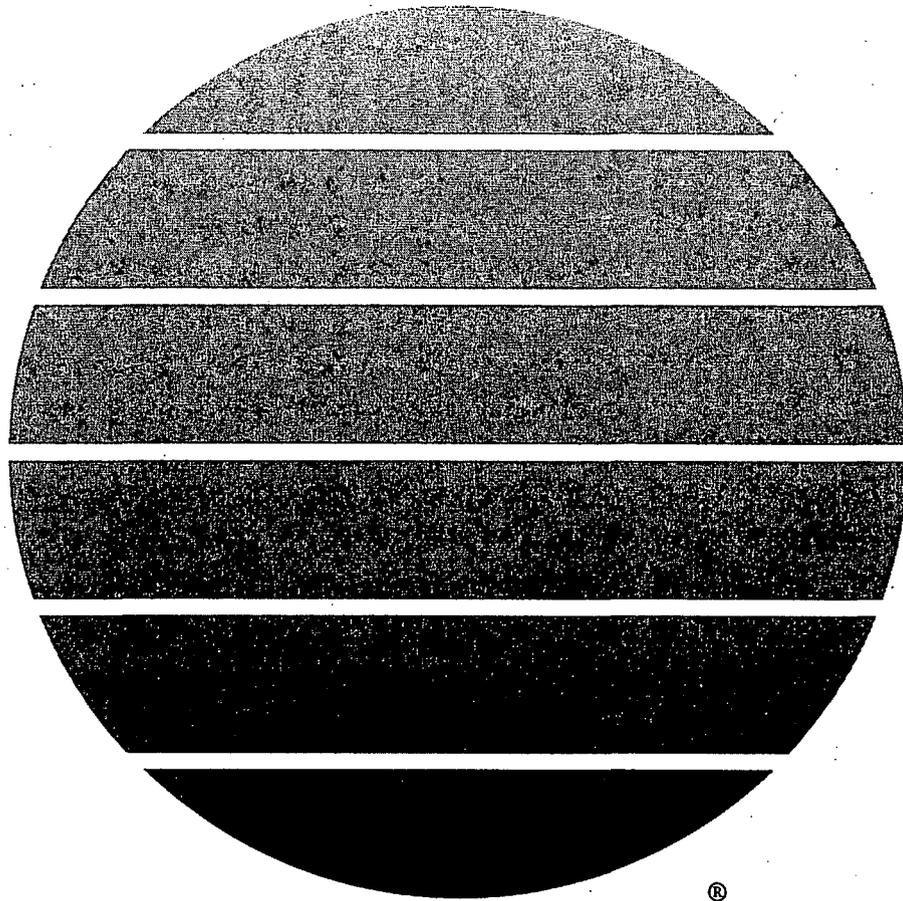
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DuPont™ Velpar® K-4™ Max

herbicide

DRAFT LABEL



“..... A Growing Partnership With Nature”

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DuPont™
Velpar® K-4™ Max
herbicide

For Use in Florida, Louisiana and Texas Only

Dispersible Granules

Active Ingredient	By Weight
Hexazinone [3-cyclohexyl-6-(dimethylamino) -1-methyl-1,3,5-triazine-2,4(1H,3H)-dione]	17.3%
Diuron 3-(3,4-dichlorophenyl)-1,1dimethylurea	61.5%
Inert Ingredients	21.2%
TOTAL	100.0%

EPA Reg. No. 352-663

ACCEPTED
with COMMENTS
in EPA Letter Dated

SEP 27 2007

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

352-663

KEEP OUT OF REACH OF CHILDREN

DANGER PELIGRO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand this label, find someone to explain it to you in detail.)

FIRST AID

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-441-3637 for medical emergencies involving this product.

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS
AND DOMESTIC ANIMALS
DANGER! CAUSES EYE DAMAGE**

Corrosive, causes irreversible eye damage. Harmful if swallowed. Do not get in eyes or on clothing. Avoid contact with skin. Wash thoroughly with soap and water after handling.

PERSONAL PROTECTIVE EQUIPMENT

Some of the materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category A on an EPA chemical resistance category selection chart.

Pilots, flaggers and groundboom applicators must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Protective eyewear

Mixers, loaders, other applicators, and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Protective eyewear

Chemical resistant gloves made of any waterproof material such as polyethylene or polyvinylchloride.

A NIOSH approved dust/mist filtering respirator with any N, R, P, or HE filter or with approval number prefix TC-21C.

Chemical resistant apron when mixing, loading, or cleaning equipment or spills.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. See 'Engineering Control Statement' for additional requirements.

ENGINEERING CONTROL STATEMENT

When handlers use closed systems, enclosed cabs or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

Pilots must use an enclosed cockpit that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(6)].

Flaggers supporting aerial applications must use an enclosed cab that meets the definition in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(5)] for dermal protection. In addition, flaggers must wear long-sleeved shirt, long pants, shoes and socks, and protective eyewear.

USER SAFETY RECOMMENDATIONS

USERS SHOULD: Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

Apply this product only as specified on this label. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning of equipment or when disposing of equipment washwater.

The active ingredient, hexazinone, in this product is known to leach through soil into ground water under certain conditions as a result of agricultural use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground-water contamination.

GENERAL INFORMATION

DuPont™ VELPAR® K-4™ Max herbicide is a water dispersible granule that is mixed in water and applied as a spray for weed control. Application of 3 to 4.6 pounds per acre provides preemergence control of annual grass and broadleaf weeds in newly planted sugarcane, stubble sugarcane, and fallow land intended for future sugarcane planting. See the **WEEDS CONTROLLED** section for specific rate recommendations.

Caution should be exercised when applying VELPAR® K-4™ Max near desirable trees and shrubs as they can absorb VELPAR® K-4™ Max through roots extending into treated areas.

If VELPAR® K-4™ Max is used in a tank mix with other herbicides, read and follow all use instructions, warnings and precautions on companion herbicide labels.

VELPAR® K-4™ Max should only be used in accordance with recommendations on this label.

ENVIRONMENTAL CONDITIONS AND BIOLOGICAL ACTIVITY

VELPAR® K-4™ Max is absorbed through the roots and foliage. Moisture is required to activate VELPAR® K-4™ Max in the soil. Best results are obtained when applications are made to a firm, well-prepared seed bed that is moist at the time of application; and that receives 0.5 to 1 inch of rainfall within 2 weeks of application.

Temporary leaf yellowing may result from application of VELPAR® K-4™ Max over emerged sugarcane.

RESISTANCE

When herbicides that affect the same biological site of action are used repeatedly over several years to control the same weed species in the same field, naturally occurring resistant weed biotypes may survive a correctly applied herbicide treatment, propagate, and become dominant in that field. Adequate control of these resistant weed biotypes cannot be expected.

To better manage herbicide resistance through delaying the proliferation and possible dominance of herbicide resistant weed biotypes, it may be necessary to change cultural practices within and between crop seasons such as using a combination of tillage, retreatment, tank-mix partners and/or sequential herbicide applications that have a different

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site of action. Weed escapes that are allowed to go to seed will promote the spread of resistant biotypes.

It is advisable to keep accurate records of pesticides applied to individual fields to help obtain information on the spread and dispersal of resistant biotypes. Consult your agricultural dealer, consultant, applicator, and/or appropriate state agricultural extension service representative for specific alternative cultural practices or herbicide recommendations available in your area.

INTEGRATED PEST MANAGEMENT

This product may be used as part of an Integrated Pest Management (IPM) program that can include biological, cultural, and genetic practices aimed at preventing economic pest damage. IPM principles and practices include field scouting or other detection methods, correct target pest identification, population monitoring, and treating when target pest populations reach locally determined action thresholds. Consult your state cooperative extension service, professional consultants or other qualified authorities to determine appropriate action treatment threshold levels for treating specific pest/crop systems in your area.

APPLICATION INFORMATION

VELPAR® K-4™ Max may be applied by aerial or ground equipment that is properly calibrated to deliver a finished spray volume that is sufficient to provide uniform coverage of the soil surface.

Minimum spray volumes are 10 GPA by ground and 5 GPA by air.

Continuous agitation in the spray tank is required to keep VELPAR® K-4™ Max in suspension.

When applying VELPAR® K-4™ Max alone or in combination with other hexazinone-containing products, do not exceed a total annual application of 1.0 pound active ingredient hexazinone per acre in Florida, or 1.5 pounds active ingredient hexazinone per acre in Louisiana or Texas.

When applying VELPAR® K-4™ Max alone or in combination with other diuron-containing products, do not exceed a total annual application of 6 pounds active ingredient diuron per acre in Louisiana or Texas or 4.8 pounds active ingredient diuron per acre in Florida.

An application of 3.0 pounds of VELPAR® K-4™ Max contains 1.85 pounds of the active ingredient diuron and 0.52 pound of the active ingredient hexazinone.

An application of 4.6 pounds of VELPAR® K-4™ Max contains 2.83 pounds of the active ingredient diuron and 0.8 pounds of the active ingredient hexazinone.

LOUISIANA AND TEXAS

Do not apply more than 8.6 pounds of VELPAR® K-4™ Max per acre per year.

Do not apply VELPAR® K-4™ Max within 140 days of harvest.

FLORIDA

In Florida, make only one application of DuPont™
VELPAR® K-4™ Max per year.

Do not apply more than 4.6 pounds of VELPAR® K-4™ Max
per acre per year.

Do not apply VELPAR® K-4™ Max within 234 days of
harvest.

DIRECTIONS FOR USE

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

VELPAR® K-4™ Max should be used only in accordance
with directions on this label, or in separately published
DuPont recommendations.

Do not apply this product in a way that will contact workers
or other persons, either directly or through drift. Only
protected handlers may be in the area during application. For
any requirements specific to your state or tribe, consult the
agency responsible for pesticide regulation.

Proper mixing/loading site considerations and application
procedures must be followed to minimize potential for
hexazinone movement into ground water. Users are
encouraged to consult with their state Department of
Agriculture, Extension Service, or other pesticide lead
agency for information regarding soil permeability, aquifer
vulnerability, and best management practices for their area.

AGRICULTURAL USES

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and
with the Worker Protection Standard, 40 CFR part 170.
This Standard contains requirements for the protection of
agricultural workers on farms, forests, nurseries, and
greenhouses, and handlers of agricultural pesticides. It
contains requirements for training, decontamination, notifi-
cation, and emergency assistance. It also contains specific
instructions and exceptions pertaining to the statements on
this label about personal protective equipment (PPE) and
restricted-entry interval. The requirements in this box only
apply to uses of this product that are covered by the Worker
Protection Standard.

Do not apply this product in a way that will contact workers
or other persons, either directly or through drift. Only
protected handlers may be in the area during application.

Do not enter or allow worker entry into treated areas during
the restricted entry interval (REI) of 48 hours.

PPE required for early entry to treated areas that is
permitted under the Worker Protection Standard and that
involves contact with anything that has been treated, such as
plants, soil, or water, is:

- Coveralls
- Shoes plus socks
- Chemical resistant gloves made of any waterproof
material
- Protective eyewear

SUGARCANE

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NEWLY PLANTED SUGARCANE

PREEMERGENCE USE LOUISIANA / TEXAS

Apply VELPAR® K-4™ Max at the use rate of 3 pounds per
acre to newly planted sugarcane for preemergence control of
annual grass and broadleaf weeds. Make applications
immediately following planting and row packing and prior
to crop emergence. For best weed control, applications
should be made to a firm, well-prepared seedbed that is free
from clods or excess plant residue.

PREEMERGENCE/POSTEMERGENCE USE FLORIDA (High Organic/Muck Soils Only)

Apply VELPAR® K-4™ Max at a use rate of 3 to 4.6
pounds per acre to newly planted sugarcane. Applications
may be made either preemergence or early postemergence
to the sugarcane. Early postemergence applications can be
made until the crop reaches a height of 18 inches.

Postemergence applications of VELPAR® K-4™ Max to
actively growing sugarcane may result in crop injury when
daily temperatures exceed 80 degrees F. When daily
temperatures exceed 80 degrees F, post-directed applications
are recommended in order to minimize spray contact with
sugarcane foliage.

If weeds are present at the time of application include a
nonionic surfactant at the rate of 0.25% v/v or a crop oil
concentrate at the rate of 1% v/v. For postemergence
applications, the use of a crop oil concentrate can increase
the potential for sugarcane injury.

Do not use VELPAR® K-4™ Max on sugarcane grown on
sand land soils (low organic matter, coarse textured, sandy
soils).

STUBBLE (RATOON) SUGARCANE

PREEMERGENCE USE LOUISIANA / TEXAS

Apply VELPAR® K-4™ Max at the use rate of 3 pounds
per acre to stubble (ratoon) sugarcane following harvest.

FLORIDA

Apply 3 to 4.6 pounds per acre to stubble sugarcane grown
in high organic matter (muck) soils. Use the higher rate
range for the higher organic muck soils. Do not use
VELPAR® K-4™ Max on sugarcane grown on low organic
matter, coarse textured, sandy soils.

FL / LA / TX

For best weed control, applications should be made
immediately following harvest and prior to subsequent weed
germination. Excess plant residue on the soil surface may
decrease the effectiveness of VELPAR® K-4™ Max and
should be removed or minimized.

POSTEMERGENCE USE LOUISIANA / TEXAS

DuPont™ VELPAR® K-4™ Max may also be applied postemergence to stubble sugarcane at the use rate of 3 pounds per acre. Applications can be made until the crop reaches a height of 18 inches.

FLORIDA

VELPAR® K-4™ Max may also be applied postemergence to stubble sugarcane grown on high organic matter (muck) soils at the use rate of 3 to 4.6 pounds per acre. Applications can be made until the crop reaches a height of 18 inches.

FL / LA / TX

Postemergence applications of VELPAR® K-4™ Max to actively growing sugarcane may result in crop injury when daily temperatures exceed 80 degrees F. When daily temperatures exceed 80 degrees F, post-directed applications are recommended in order to minimize spray contact with sugarcane foliage.

If weeds are present at the time of application include a nonionic surfactant at the rate of 0.25% v/v or a crop oil concentrate at the rate of 1% v/v. For postemergence applications, the use of a crop oil concentrate can increase the potential for sugarcane injury.

POST-DIRECTED/LAYBY

LOUISIANA AND TEXAS ONLY

VELPAR® K-4™ Max may be applied as a post-directed/layby treatment at the use rate of 2 to 3 pounds per acre. For best weed control, postdirected/layby applications should be made prior to weed emergence and should include an appropriate tank mixture partner for improved grass and broadleaf weed control.

Post-directed/layby applications of VELPAR® K-4™ Max should be applied to sugarcane that is 30 inches tall or greater. These applications should be directed at the base of the sugarcane plants so that the spray solution does not contact new, emerging leaves in the whirl of the sugarcane. If an application of VELPAR® K-4™ Max was made in the spring, apply no more than 2 pounds per acre as a post-directed/layby treatment. Allow at least 8 weeks between the spring and post-directed/layby application.

If weeds are present at application, a tank mix partner herbicide, registered for use on sugarcane, is recommended. When VELPAR® K-4™ Max is tank mixed with other herbicides, read and follow the use instructions, restrictions and precautions on the companion label(s). If weeds are present at application, also include a non-ionic surfactant at the use rate of 0.25% v/v or a crop oil concentrate at the use rate of 1% v/v. If a tank mix partner is being used with VELPAR® K-4™ Max, follow the most restrictive adjuvant recommendation.

Do not apply within 140 days of harvest.

FALLOW (TO BE PLANTED TO SUGARCANE)

FL / LA / TX

Apply VELPAR® K-4™ Max to fallow sugarcane fields at the use rate of 3 pounds per acre. In Florida, apply 3 to 4.6 pounds per acre to fallow sugarcane fields. Use the higher rate on the muck (high organic matter) soils. Make fallow applications at least 60 days prior to sugarcane planting. For best weed control, make applications to newly prepared seedbeds that are free of clods and existing vegetation. If weeds are present, either make a separate application of a contact herbicide or use a contact herbicide in a tank mix for improved control of emerged weeds. If VELPAR® K-4™ Max is used in a tank mix with other herbicides, refer to the TANK MIXES section of this label.

TANK MIXES

VELPAR® K-4™ Max may be applied in a tank mix with other preemergence or postemergence products registered for use on sugarcane. Refer to the tank mix product label(s) for information on weeds, application information, application conditions and use restrictions. Follow the label guidelines that are the most restrictive.

VELPAR® K-4™ MAX + 2,4-D

A tank mix of VELPAR® K-4™ Max at 3 pounds per acre plus 2,4-D (4 pounds active ingredient per gallon) at 1 to 2 quarts per acre may be applied as a postemergence spray for improved control of existing annual broadleaf weeds. This tank mix can be made until sugarcane reaches a height of 18 inches. Addition of a nonionic surfactant or a crop oil concentrate is required.

VELPAR® K-4™ MAX + "WEEDMASTER"

A tank mix of VELPAR® K-4™ Max at 3 pounds per acre plus "Weedmaster" at 1 to 2 pints per acre may be applied as a postemergence spray for improved control of existing annual broadleaf weeds. This tank mix can be made until sugarcane reaches a height of 18 inches. Addition of a nonionic surfactant or a crop oil concentrate is required.

VELPAR® K-4™ MAX + "GRAMOXONE" MAX (LOUISIANA ONLY)

For improved control of annual ryegrass and other emerged grass and broadleaf weeds, a tank mix of VELPAR® K-4™ Max at 3 pounds per acre plus "Gramoxone" Max at 1.2 to 2.5 pints per acre may be applied as a postemergence spray to sugarcane with no more than 4 leaves or no more than 18 inches in height, whichever is more restrictive. Addition of a nonionic surfactant or a crop oil concentrate is required.

WEEDS CONTROLLED

VELPAR® K-4™ Max is recommended for the control or suppression of the following species when applied at the following rates:

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3 POUNDS PER ACRE

Ageratum*	Lambsquarter, common
Alexandergrass	Morningglory (annual,
Amaranth (slender)	hairy, pitted, red
American burnweed	[scarlet], smallflower
(fireweed)	three-lobed)
Balsam apple	Mustard, wild
Barnyardgrass	Oxalis
(watergrass)	Panicum
Bermudagrass**	(brownleaf, browntop,
Bluegrass, annual	Texas millet)
Broadleaf signalgrass	Paspalum (ricegrass, sour)
Chickweed	Pigweed (common,
Crabgrass (hairy, large,	smooth)
smooth)	Popolo
Crotalaria (fuzzy, showy)	Purslane, common
Cuphea (tarweed)	Redweed
Dallisgrass	Ryegrass, Italian
Fingergrass (radiate,	Sandbur
swollen)	Sensitive plant (hila hila)
Flora's paintbrush	
Foxtail (bristly, yellow)	Sowthistle, annual
Goosegrass	Spanish needle
Groundcherry, annual	Sprangletop, red
Guineagrass	Spurge (prostrate,
Henbit	graceful)
Itchgrass*	Sunflower
Jobs tears	Vaseygrass
Johnsongrass (seedling)	Waltheria (hialoa)
Junglerice	

* Suppression - a visible reduction in plant population and/or plant vigor as compared to an untreated area and generally not accepted as control.

** Bermudagrass - For improved suppression of bermudagrass in newly planted sugarcane, apply DuPont™ VELPAR® K-4™ Max to a well-prepared seedbed immediately following row packing. Best results occur when bermudagrass is managed either mechanically or with herbicides in the fallow program preceding sugarcane planting.

In stubble (ratoon) sugarcane, bermudagrass suppression is improved when applications are made in late winter to dormant bermudagrass.

4.6 POUNDS PER ACRE†

Amaranth, spiny	Pennycress, field
Buckwheat, wild	Peppergrass
Clover, Mexican	Pokeweed
Cocklebur	Radish, wild
Corn Spurry	Ragweed, common
Dayflower	Ricegrass
Fescue, rattle	Ryegrass, annual
Fiddleneck (Amsinckia)	Sesbania, hemp
Hawksbeard	Shepherdspurse
Knawel, annual	Sicklepod
Kyllinger (Kyllinga)	Smartweed, annual
Lettuce, wild	Tansymustard
Lovegrass, annual	Velvetgrass
Nightshade, black	Vernalgrass, sweet (annual)
Orchardgrass (seedling)	Velvetleaf (buttonweed)
Panicum, fall	

† The higher rate of 4.6 pounds per acre may be used as a fallow treatment or on high organic matter (muck) soils.

USE PRECAUTIONS - SUGARCANE

Do not plant any crop other than sugarcane following an application of VELPAR® K-4™ Max.

Do not feed sugarcane forage to livestock.

Do not apply postemergence over the top to sugarcane beyond a height of 18 inches.

Make fallow applications at least 60 days prior to sugar cane planting.

To avoid injury to sugarcane, observe the following precautions:

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- Do not use VELPAR® K-4™ Max on cane that shows poor vigor because of insect damage, disease, or winter injury, or shows symptoms of other stress conditions such as drought stress.
- Do not use VELPAR® K-4™ Max on gravelly or rocky soils, thinly covered subsoils, or coarse-textured soils (sands to sandy loams) with less than 1% organic matter as crop injury may result.
- Temporary chlorosis and stunting of the crop may result from application over emerged cane. Applications during active cane growth should be directed to cover the weeds and soil while minimizing crop contact.

Extremely heavy rainfall after application may result in poor weed control and/or crop injury, especially if the application is made to dry soil.

ADDITIONAL USE INSTRUCTIONS

SPRAY DRIFT MANAGEMENT

The interaction of many equipment and weather related factors determines the potential for spray drift. The applicator is responsible for considering all these factors when making application decisions. Avoiding spray drift is the responsibility of the applicator.

IMPORTANCE OF DROPLET SIZE

The most effective way to reduce drift potential is to apply large droplets (greater than 150-200 microns). The best drift management strategy is to apply the largest droplets that provide sufficient coverage and control. The presence of sensitive species nearby, the environmental conditions, and pest pressure may affect how an applicator balances drift control and coverage. Applying larger droplets reduces drift potential, but will not prevent drift if applications are made improperly or under unfavorable environmental conditions! See the Wind; Temperature and Humidity; and Temperature Inversions sections of this label.

CONTROLLING DROPLET SIZE GENERAL TECHNIQUES

- **Volume** - Use high flow rate nozzles to apply the highest practical spray volume. Nozzles with higher rated flows produce larger droplets.
- **Pressure** - Use the lower spray pressures recommended for the nozzle. Higher pressure reduces droplet size and does not improve canopy penetration. When higher flow rates are needed, use a higher-capacity nozzle instead of increasing pressure.
- **Nozzle Type** - Use a nozzle type that is designed for the intended application. With most nozzle types, narrower spray angles produce larger droplets. Consider using low-drift nozzles.

CONTROLLING DROPLET SIZE AIRCRAFT

- **Number of Nozzles** - Use the minimum number of nozzles with the highest flow rate that provide uniform coverage.
- **Nozzle Orientation** - Orienting nozzles so that the spray is emitted backwards, parallel to the airstream will produce larger droplets than other orientations.
- **Nozzle Type** - Solid stream nozzles (such as disc and core with swirl plate removed) oriented straight back produce larger droplets than other nozzle types.

BOOM LENGTH AND HEIGHT

- **Boom Length (aircraft)** - The boom length should not exceed 3/4 of the wing length, using shorter booms decreases drift potential. For helicopters use a boom length and position that prevents droplets from entering the rotor vortices.
- **Boom Height (aircraft)** - Application more than 10 feet above the canopy increases the potential for spray drift.
- **Boom Height (ground)** Setting the boom at the lowest labeled height (if specified) which provides uniform coverage reduces the exposure of droplets to evaporation and wind. The boom should remain level with the crop and have minimal bounce.

WIND

Drift potential increases at wind speeds of less than 3 mph (due to variable direction and inversion potential) or more than 10 mph. However, many factors, including droplet size and equipment type determine drift potential at any given wind speed. AVOID GUSTY OR WINDLESS CONDITIONS.

NOTE: Local terrain can influence wind patterns. Every applicator should be familiar with local wind patterns and how they affect spray drift.

TEMPERATURE AND HUMIDITY

When making applications in hot and dry conditions, set up equipment to produce larger droplets to reduce effects of evaporation.

SURFACE TEMPERATURE INVERSIONS

Drift potential is high during a surface temperature inversion. Surface inversions restrict vertical air mixing, which causes small suspended droplets to remain close to the ground and move laterally in a concentrated cloud. Surface inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. They begin to form as the sun sets and often continue into the morning. Their presence can be indicated by ground fog; however, if fog is not present, inversions can also be identified by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves

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laterally in a concentrated cloud (under low wind conditions) indicates a surface inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing.

SHIELDED SPRAYERS

Shielding the boom or individual nozzles can reduce the effects of wind. However, it is the responsibility of the applicator to verify that the shields are preventing drift, and not interfering with uniform deposition of the product.

SENSITIVE AREAS

The pesticide should only be applied when the potential for drift to adjacent sensitive areas (e.g., residential areas, bodies of water, known habitat for threatened or endangered species, non-target crops) is minimal (e.g. when wind is blowing away from the sensitive areas).

SPRAY TANK CLEANOUT

Thoroughly clean all traces of DuPont™ VELPAR® K-4™ Max from application equipment immediately after use. Flush the tank, pump, hoses, and boom with several changes of water after removing nozzle tips and screens (clean these parts separately). Dispose of the equipment wash water in accordance with directions given in the **STORAGE AND DISPOSAL** section of this label.

Caution should be exercised when cleaning equipment used to apply VELPAR® K-4™ Max. Desirable plants such as trees and shrubs can absorb VELPAR® K-4™ Max through roots which extend beyond the plant canopy.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

Pesticide Storage: Store product in original container only. Store in a cool, dry place.

Pesticide Disposal: Waste resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: For Plastic Containers: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke. **For Fiber Sacks:** Completely empty fiber sack by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into manufacturing or application equipment. Then dispose of sack in a sanitary landfill or by incineration if allowed by State and local authorities. **For Fiber Drums With Liners:** Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner in a sanitary landfill or by incineration if allowed by State and local authorities. If drum is contaminated and cannot be reused, dispose of in the same manner. **For Paper and Plastic Bags:** Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Container Refilling and Disposal (For Containers up to 250 gal): This is a refillable container. If the container is to be refilled, do not rinse with any material or introduce any pesticide other than DuPont™ VELPAR® K-4™ Max. Reseal and return the container to any authorized DuPont refilling facility. If the container is not to be refilled, triple rinse (or equivalent) and offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or by open burning, if allowed by state and local authorities. If burned, keep out of smoke.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes. In the event of a major spill, fire or other emergency, call 1-800-441-3637 day or night.

Container Disposal for Bulk Containers: When this container is empty, replace the cap and seal all openings that have been opened during use, and return the container to the point of purchase or to a designated location named at time of purchase of this product. The container must only be refilled with this pesticide product. **DO NOT REUSE THE CONTAINER FOR ANY OTHER PURPOSE.** Prior to refilling, inspect carefully for damage such as cracks, punctures, abrasions, worn-out threads and closure devices. Check for leaks after refilling and before transporting. Do not transport if this container is damaged or leaking. If the container is damaged, leaking or obsolete, contact DuPont at 1-800-441-3637. If not returned to the point of purchase or to a designated location, triple rinse emptied container and offer for recycling. Disposal of this container must be in compliance with state and local regulations.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes. In the event of a major spill, fire or other emergency, call 1-800-441-3637 day or night.

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LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read this Limitation of Warranty and Liability Before Buying or Using This Product. If the Terms Are Not Acceptable, Return the Product at Once, Unopened, and the Purchase Price Will Be Refunded.

It is impossible to eliminate all risks associated with the use of this product. Such risks arise from weather conditions, soil factors, off target movement, unconventional farming techniques, presence of other materials, the manner of use or application, or other unknown factors, all of which are beyond the control of DuPont. These risks can cause: ineffectiveness of the product, crop injury, or injury to non-target crops or plants. WHEN YOU BUY OR USE THIS PRODUCT, YOU AGREE TO ACCEPT THESE RISKS.

DuPont warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for the purpose stated in the Directions for Use, subject to the inherent risks described above, when used in accordance with the Directions for Use under normal conditions.

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For product information call: 1-888-6-DUPONT

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