

U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (WH-567) WASHINGTON, D.C. 20460	EPA REGISTRATION NO.	DATE OF ISSUANCE
	100-786	MAY 30 1996
<b>NOTICE OF PESTICIDE:</b> <input type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)	TERM OF ISSUANCE	
	NAME OF PESTICIDE PRODUCT	
		Evik® 80 WDG

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Ciba Plant Protection  
 Ciba-Geigy Corporation  
 P.O. Box 18300  
 Greensboro, NC 27419-8300

NOTE: Changes in labeling formula 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 U.S. 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.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this 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 conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA Section 3(c)(5) and sec. 4 when the Agency requires all registrants of similar products to submit such data.

2. Make the labeling changes listed below before you you release the product for shipment:

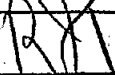
a. Add the phrase "EPA Registration No. 100-786" to your label before you release the product for shipment.

3. Submit five (5) copies of your final printed labeling before you release the product for shipment.

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

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

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL 

DATE  
MAY 30 1996

WPS

4 Lb. Bag

Evik® WDG

HERBICIDE

ACCEPTED  
with COMMENTS  
In EPA Letter Dated

MAY 30 1996

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

100-786

For weed control in bananas, corn, pineapple, sugarcane, and noncrop areas

Four Pounds  
Net Weight

Active Ingredients:

Ametryn: 2-ethylamino-4-  
isopropylamino-6-methylthio-s-  
triazine .....

76%

Related compounds.....

4%

Inert Ingredients:

20%

Total:

100%

Evik WDG is a water-dispersible granule.

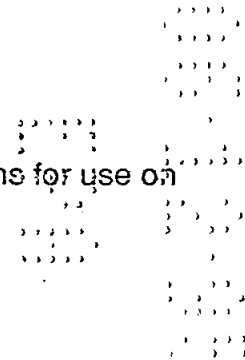
EPA Reg. No. 100-

EPA Est. 100-LA-1

**KEEP OUT OF REACH OF CHILDREN.**

**CAUTION**

See additional precautionary statements on left panel and directions for use on right panel.





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**DIRECTIONS FOR USE**

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

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.

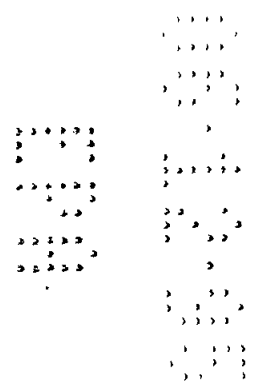
**AGRICULTURAL USE REQUIREMENTS**

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, notification, 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 enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 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
- Waterproof gloves
- Shoes plus socks



**NON-AGRICULTURAL USE REQUIREMENTS**

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

**Do not enter treated areas without protective clothing until sprays have dried.**

**FAILURE TO FOLLOW ALL PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR WEED CONTROL, CROP INJURY, AND/OR ILLEGAL RESIDUES.**

Do not apply this product through any type of irrigation system.

**General Information**

Evik WDG controls most annual broadleaf and grass weeds (see list under each crop). When applied before weed emergence, Evik WDG kills weeds as they germinate by entering roots. On existing weeds, it is effective through leaf contact.

Following many years of continuous use of this product and chemically related products, biotypes of some of the weeds listed on this label have been reported which cannot be effectively controlled by this and related herbicides. Where this is known or suspected, we recommend the use of this product in combination with other registered herbicides which are not triazines. Consult with your State Agricultural Extension Service for specific recommendations.

Avoid using Evik WDG where adjacent desirable plants may be injured. Evik WDG is noncorrosive to equipment and metal surfaces, nonflammable and has low electrical conductivity.

**Application Procedures**

**Ground application:** Use conventional ground sprayers equipped with nozzles that provide accurate and uniform application. Be certain that nozzles are uniformly spaced and the same size. Calibrate sprayer before use and recalibrate at the start of each season and when changing carriers.

Use a pump with capacity to: (1) maintain 35-40 psi at nozzles, (2) provide sufficient agitation in tank to keep mixture in suspension and (3) to provide a minimum of 20% bypass at all times. Use centrifugal pumps which provide propeller shear action for dispersing and mixing this product. The pump should

provide a minimum of 10 gals./minute/100 gal. tank size circulated through a correctly positioned sparger tube or jets.

Use screens to protect the pump and to prevent nozzles from clogging. Screens placed on the suction side of the pump should be *16-mesh or coarser*. Do not place a screen in the recirculation line. Use *50-mesh or coarser* screens between the pump and boom, and where required, at the nozzles. Check nozzle manufacturer's recommendations.

For band applications, calculate amount to be applied per acre as follows:

$$\frac{\text{band width in inches}}{\text{row width in inches}} \times \text{broadcast rate per acre} = \text{amount needed per acre of field}$$

**Aerial application:** Use aerial application only where specified in the use directions. Avoid applications under conditions where uniform coverage cannot be obtained or where excessive spray drift may occur.

Avoid application to humans or animals. Flagmen and loaders should avoid inhalation of spray mist and prolonged contact with skin.

**Mixing procedures - all uses:** (1) Be sure sprayer is clean and not contaminated with any other materials, or crop injury or sprayer clogging may result. (2) Fill tank 1/4 full with clean water or nitrogen solution (may be used in corn). (3) Start agitation. (4) Be certain that the agitation system is working properly and creates a rippling or rolling action on the liquid surface. (5) Make a slurry by adding Evik WDG to a small amount of water in a separate container and pour slurry into tank. (6) Continue filling tank until 90% full. Increase agitation if necessary to maintain surface action. (7) Add tank mix herbicide(s) after this product is thoroughly suspended. (8) Finish filling tank. Maintain agitation to avoid separation of materials. (9) Empty tank as completely as possible before refilling to prevent buildup of emulsifiable concentrate residue from possible tank mix herbicides. (10) If an emulsifiable concentrate film starts to build up in tank, drain it and clean with strong detergent solution or solvent. (11) Clean sprayer thoroughly immediately after use by flushing system with water containing a detergent.

**Compatibility test:** Nitrogen solutions may replace all or part of the water in the spray in corn. Since nitrogen solutions can vary, even within the same analysis, check compatibility each time before use. Commercial application equipment may improve compatibility in some instances. The following test assumes a spray volume of 25 gals./A. For other spray volumes, make appropriate changes in the ingredients. Check compatibility using this procedure:

1. Add 1 pt. of fertilizer to each of 2 one-qt. jars with tight lids.

2. To one of the jars, add 1/4 tsp. or 1.2 milliliters of a compatibility agent approved for this use (1/4 tsp. is equivalent to 2 pts. per 100 gals. spray). Shake or stir gently to mix. Examples of compatibility agents include Compex® and Unite®.
3. To **both** jars, add 1.4 teaspoons of Evik WDG for each pound per acre to be applied.
4. After adding all ingredients, put lids on and tighten, and invert each jar 10 times to mix. Let the mixtures stand 15 minutes and then look for separation, large flakes, precipitates, gels, heavy oily film on the jar, or other signs of incompatibility. Determine if the compatibility agent is needed in the spray mixture by comparing jars. If either mixture separates, but can be remixed readily, the mixture can be sprayed as long as good the 2 agitation is used. If the mixtures are incompatible, try slurring the Evik WDG in water before addition. If still incompatible, do not use the nitrogen solution and Evik WDG in the same spray tank.

**Bananas and Plantains**

In HI, Evik WDG controls broadleaf and grass weeds including rattlebox (*Crotalaria* spp.), dallisgrass, goosegrass (*Eleusine indica*), Japanese tea, kukaipuaa and other crabgrass species (*Digitari* spp.), pualele (sowthistle), common purslane, *Richardia* spp., spanishneedles, wild pea bean, *Amaranthus* spp., Flora's paintbrush, foxtail, junglerice, fireweed, and *Panicum* spp.

In PR, Evik WDG controls broadleaf and grass weeds including *Commelina diffusa*, *Paspalum* spp., *Axonopus compressus*, *Panicum* spp., *Digitaria* spp., and *Setaria* spp.

Apply Evik WDG in HI or PR as a directed basal spray immediately after setting banana or plantain plants, or any time thereafter. Apply before weeds emerge or to emerged, growing weeds. Use the lower rates for applications made before weed emergence and for young, easy-to-kill weeds. Use the higher rates for more residual control and for controlling hard-to-kill weeds. Repeat as needed at 3-4 month intervals.

Area	Rates of Application Per Acre	
	Per Application (Minimum of 30 Gals. Water Per Acre)	Maximum Per Year
Hawaii	5-10 lbs.	30 lbs.
Puerto Rico	4-6 lbs.	16 lbs.

In Central America, apply 2-4 lbs. of Evik WDG in a minimum of 20 gals. of water per acre covering all vegetation thoroughly. Use the lower rate for application to young weeds, and the higher rate for application to heavier growth of older, hard-to-kill weeds. Repeat application 30 days later, covering all vegetation. Apply the third and subsequent applications as needed, covering only living vegetation. Use a maximum of 16 lbs. of Evik WDG per acre per year.

**Corn (Field corn, sweet corn, popcorn)**

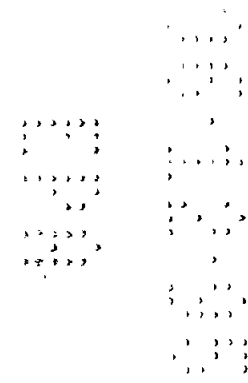
Evik WDG controls annual broadleaf and grass weeds including Texas panicum (Texas millet), fall panicum, signalgrass (*Brachiaria* spp.), goosegrass, crabgrass, barnyardgrass, giant foxtail, yellow and green foxtails, nutsedge, shattercane, wild proso millet, cocklebur, lambsquarters, Florida pusley, morningglory, pigweed, wild mustard, ragweed, velvetleaf, and smartweed. Weeds taller than specified in the rate table will not be controlled.

Apply Evik WDG as a postemergence directed spray to weeds after the smallest corn is at least 12 inches tall (measured to the highest leaf surface on free-standing plants).

*Precaution: Do not spray over top of corn, or injury will occur. Do not apply within 3 weeks of tasseling.*

Apply in a minimum of 20 gals. of water per acre to assure uniform coverage (nonpressure nitrogen solution may be substituted for all or part of the water). The entire weed must receive spray to be killed. Add a surfactant such as X-77®, duPont WK, or Tronic at the rate of 2 qts./100 gals. of spray mixture (0.5% of spray volume).

It is recommended that gauge wheels and/or leaf lifter equipment be used to prevent leaf contact with the spray. Drop nozzles may be used, but extreme care must be taken to keep the spray or drift from contacting the leaves and especially the whorl of the corn plant. Be sure the entire spray pattern is directed downward. Apply at a spray pressure of 30 psi or less to prevent "bounce back"--spray bouncing off soil or weeds and settling on corn leaves.





Use rates of application according to the following geographical areas:

**Area 1**

Arizona  
California  
Colorado  
Connecticut  
Idaho  
Illinois  
Indiana  
Iowa  
Kansas  
Maine  
Massachusetts

Michigan  
Minnesota  
Missouri  
Montana  
Nebraska  
Nevada  
New Hampshire  
New Jersey  
New Mexico  
New York

North Dakota  
Ohio  
Oregon  
Pennsylvania  
Rhode Island  
South Dakota  
Utah  
Vermont  
Washington  
Wisconsin  
Wyoming

**Area 2**

Alabama  
Arkansas  
Delaware  
Florida  
Georgia  
Kentucky

Louisiana  
Maryland  
Mississippi  
North Carolina  
Oklahoma  
South Carolina

Tennessee  
Texas  
Virginia  
West Virginia

Where a rate range is indicated, use the high rate for relatively dense weed infestations.

Small, faint, illegible markings or artifacts located in the bottom right corner of the page.



**Suggestions For Crop Rotation:** Small grains, such as wheat, oats, and rye, may be planted in the fall following the recommended application. Do not plant any rotational crop other than small grains until the following year.

**Note:** Allow 30 days after the application before harvesting, grazing, or feeding forage to livestock.

### **Pineapple**

For control of broadleaf and grass weeds including rattlebox (*Crotalaria* spp.), dallisgrass, goosegrass (*Elusine indica*), Japanese tea, kukaipuaa and other crabgrass species (*Digitaria* spp.), paulea (sowthistle), common purslane, (*Richardia* spp.), spanishneedles, wild pea bean, *Amaranthus* spp., Flora's paintbrush, foxtail, junglerice, fireweed, and *Panicum* spp., apply up to 9 lbs. of Evik WDG/A as a blanket spray immediately after planting, or after plant crop harvest is completed and before weeds emerge. Apply in 20-40 gals. of water/A.

**Notes:** (1) Do not apply more than 9 lbs. of Evik WDG/A per crop cycle. A crop cycle refers to either the plant crop cycle, or to each ratoon crop cycle. (2) Do not make the last application within 160 days of harvest.

### **Sugarcane**

To control weeds specified in the various states, apply Evik WDG alone or in tank mix combinations. Broadcast aerially in a minimum volume of 5 gals. of spray per acre, or broadcast or band by ground in a minimum of 20 gals./A, unless indicated otherwise. Repeat treatments, where needed, may be applied broadcast, band, or interline as recommended, with final application prior to close in.

**Aerial Application:** Use aerial application only where broadcast applications are specified. Unless specified otherwise, apply a minimum of 1 gal. of water for each 1 lb. of product applied per acre, but not less than 5 gals. total volume per acre. Avoid applications under conditions where uniform coverage cannot be obtained or where excessive spray drift may occur. In order to assure that spray will be controllable within the target area when used according to label directions, make applications at a maximum height of 10 ft., using low drift nozzles at a maximum pressure of 40 psi, and restrict application to periods when wind speed does not exceed 10 mph. To assure that spray will not adversely affect adjacent sensitive nontarget plants, apply Evik WDG alone by aircraft at a minimum upwind distance of 800 ft. from sensitive plants, or apply Evik WDG + Karmex® at a minimum upwind distance of 500 ft. from sensitive plants.

**FL:** Apply 0.5-1.5 lbs. of Evik WDG in a minimum of 20 gals. of water per acre directed to the base of plant or ratoon sugarcane to emerged weeds. Avoid

wetting sugarcane foliage, or injury may occur. Use nozzle tips which will minimize atomization or spray drift. Use the higher rate for high grass populations. Apply up to 2 repeat applications, if needed, at 30-day intervals before close-in. To control alexandergrass (*Brachiaria plantaginea*), apply at the 3-4 leaf stage or before 3 inches tall. For mixed weed infestations, use 1.5 lbs. of Evik WDG plus 0.5 lb. acid equivalent of 2,4-D amine per acre and/or 2 qts. of surfactant, such as X-114 or ACL 209, for each 100 gals. of spray to improve weed control. Observe all precautions and limitations on labeling of all products used in mixtures.

**HI:** Use one of the following methods in plant or ratoon sugarcane for control of ageratum, rattlebox (*Crotalaria* spp.), dallisgrass, fireweed, goosegrass (*Eleusine indica*), guineagrass, Japanese tea, kukaipuaa, and other crabgrass species (*Digitaria* spp.), morningglory, pualele (sowthistle), common purslane, *Richardia* spp., spanishneedles, wild pea bean, *Amaranthus* spp., Flora's paintbrush, foxtail, junglerice, and swollen fingergrass.

1. Apply up to 9 lbs. of Evik WDG/A before weeds or sugarcane emerge. A second application not to exceed 3 lbs./A may be made if needed approximately 30 days before close-in. If needed a third application not to exceed 3 lbs./A may be applied at close-in.
2. Apply 2.5-5 lbs. of Evik WDG plus 2.5-5 lbs. of Karmex 80W before sugarcane and weeds emerge.

A second application at 2.5-5 lbs. of Evik WDG plus 2.5-5 lbs. of Karmex 80W may be made, as needed, postemergence to sugarcane and weeds. A third application at 2.5-3 lbs. of Evik WDG plus 2.5-3 lbs. of Karmex 80W may be applied prior to close-in.

For best results when Karmex 80W is used on emerged weeds, add a nonionic surfactant to the spray at the rate of 1-2 qts. per 100 gals. and apply as a directed spray.

**Note:** Use the minimum preemergence rates on nonirrigated sugarcane (high rainfall areas), on land first cropped to sugarcane, and for light weed infestations.

*Precautions: (1) Sugarcane growing in areas of exposed sub-soil, in rocky areas, or in soils of low adsorptive capacity may show temporary chlorosis following treatment. (2) Injury to sugarcane may occur when under moisture stress. (3) Certain sugarcane varieties may show a temporary chlorosis or stunting as a result of over-the-top application.*

**LA:** Use directions below for control of these weeds:

Weed Height	Weeds Controlled
Up to 3 inches	*itchgrass (raoulgrass)
Up to 4 inches	barnyardgrass, crabgrass, fall panicum, foxtail, goosegrass, Texas panicum
Up to 5 inches	annual sowthistle, common chickweed, henbit, paleseed plantain, swinecress
Up to 6 inches	<i>Brachiaria</i> spp., browntop panicum, cocklebur, Florida pusley, common lambsquarters, morningglory, pigweed, ragweed, smartweed, velvetleaf, wild mustard

\*Controls emerged itchgrass. May not control itchgrass germinating after treatment.

Broadcast or band by ground equipment over the top of plant or ratoon sugarcane 2.5 lbs. of Evik WDG plus 0.5 lb. acid equivalent of 2,4-D amine plus 1 qt. of crop oil concentrate, such as Agri-Dex, Amoco, or Unico (or 1 pt. of nonionic surfactant, such as duPont WK, X-77, or LOC) in a minimum of 20 gals. of water per acre.

Follow with 1-2 repeat over-the-top or directed applications, as needed, using 3 lbs. of Evik WDG plus 0.5 lb. of 2,4-D amine plus 1 qt. of crop oil concentrate (or 1 pt. of nonionic surfactant) in a minimum of 20 gals. of water per acre. To avoid injury, do not apply over the top of sugarcane after April 10 or after sugarcane exceeds 20 inches in height. If needed, follow with 1-2 additional applications directed to the base of sugarcane (using same rates as in second or third application) before close-in. Observe all precautions and limitations on labeling of all products used in mixtures.

*Precaution: Temporary yellowing of sugarcane leaves may follow over-the-top applications.*

**PR:** Use one of the following methods for control of *Amaranthus* spp., crabgrass, dallisgrass, foxtail, goosegrass (*Eleusine indica*), itchgrass (raoulgrass), junglerice, milkweed, morningglory, *Panicum* spp., pigweed, purpletop, purslane, *Richardia* spp., spanishneedles, sandbur, and sowthistle in plant and/or ratoon sugarcane as specified:

1. **Plant or Ratoon Sugarcane:** Apply 5-10 lbs. of Evik WDG per acre before sugarcane or weeds emerge. Apply 1 or 2 additional applications, as needed, at 2.5-5 lbs./A before close-in, directed to the base of sugarcane.
2. **Plant Sugarcane:** Apply 5 lbs./A before sugarcane emerges and before weeds exceed 5 inches in height. A second application at 4 lbs./A may be made, as needed, over-the-top of sugarcane after the sugarcane and weeds emerge, but prior to close-in.
3. **Ratoon Sugarcane:** Apply 4 lbs./A interline or over-the-top of sugarcane and weeds prior to close-in.

In plant or ratoon sugarcane, add 1 pt. of a nonionic surfactant to the spray volume to be applied per acre where weeds have emerged at application. Treat before weeds exceed 5 inches in height.

*Precautions: (1) Sugarcane growing in areas of exposed subsoil, in rocky areas, or during time of water stress may show a temporary chlorosis. (2) Do not apply Evik WDG in combination with other herbicides when making over-the-top applications. (3) Temporary chlorosis or stunting may occur after over-the-top applications.*

**TX:** Use directions below for control of these weeds:

Weed Height	Weeds Controlled
Up to 2 inches	fall panicum, Texas panicum
Up to 4 inches	barnyardgrass, <i>Brachiaria</i> spp., cocklebur, Florida pusley, common lambsquarters, morningglory, ragweed, smartweed, velvetleaf, wild mustard
Up to 6 inches	pigweed sunflower

Broadcast 1.5-2.5 lbs./A preemergence or postemergence to sugarcane or weeds. Add a nonionic surfactant at the rate of 2 qts./100 gals. of spray mixture.

Follow with 1 or 2 repeat applications, as needed. Make the final application before close-in. Use the higher rates of Evik WDG for heavier weed infestations.

*Precaution: Temporary yellowing of sugarcane leaves may follow over-the-top applications.*



## Precautionary Statements

### Hazards to Humans and Domestic Animals

#### CAUTION

Causes moderate eye irritation. Harmful if swallowed or absorbed through the skin. Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

### Statements of Practical Treatment

**If in eyes:** Flush eyes with plenty of water. Get medical attention if irritation persists.

**If swallowed:** Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

**If on skin:** Wash with plenty of soap and water. Get medical attention if irritation persists.

### Note to Physician

If ingested, induce emesis or lavage stomach. Treat symptomatically.

### Personal Protective Equipment

#### Applicators and other handlers must wear:

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

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.

### Engineering Control Statements

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.





WPS  
Booklet for 50 Lb. Box

Evik® WDG

HERBICIDE

For weed control in bananas, corn, pineapple, sugarcane, and noncrop areas

Active Ingredients:

Ametryn: 2-ethylamino-4-isopropylamino-6-methylthio-s-triazine .....	76%
Related compounds.....	4%
<hr/>	
Inert Ingredients:	20%
Total:	100%

Evik WDG is a wettable powder.

**KEEP OUT OF REACH OF CHILDREN.**

**CAUTION**

See additional precautionary statements and directions for use inside booklet.

EPA Reg. No. 100-

EPA Est. 100-LA-1

