

AUG 17 1993

Dr. Zareen Ahmed  
American Cyanamid Co.  
P.O. Box 400  
Princeton, NJ 08543

Dear Dr. Ahmed:

Subject: Supplemental Label- Sugarcane Use  
PROWL® 3.3 EC HERBICIDE  
EPA Reg. No. 241-337  
Your submission dated June 14, 1993

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records.

This acceptance of your label does not relieve you of any obligation to comply with the Worker Protection Standard (WPS). Under the WPS labeling regulations at 40 CFR part 158, subpart K, § 156.200(c)(3), you are prohibited from distributing or selling any product within the scope of the WPS requirements after April 21, 1994, without amended labeling accepted by the Agency.

Sincerely yours,

Robert J. Taylor  
Product Manager 25  
Fungicide-Herbicide Branch  
Registration Division (H7505C)

Enclosure

RD:RTaylor:eja:8/16/93:3056800

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# PROWL

3.3EC **ACCEPTED herbicide**  
with COMMENTS  
in EPA Letter D-702

# Supplemental Labeling

AUG 17 1993

EPA Reg. No. 241-337

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

241-337

**FOR USE IN SUGARCANE**

**(DO NOT USE IN HAWAII)**

OBSERVE ALL PRECAUTIONARY STATEMENTS, MIXING, SPRAYING AND APPLICATION INSTRUCTIONS, AND FOLLOW CROP RESTRICTIONS IN THE PROWL 3.3EC LEAFLET LABEL BEFORE USING. WHEN TANK MIXING, ALWAYS FOLLOW THE MOST RESTRICTIVE LABEL.

### DIRECTIONS FOR USE

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

PROWL 3.3EC may be applied to plant or ratoon cane preemergence through layby and again in late summer or early fall to newly planted sugarcane.

### APPLICATION INSTRUCTIONS

PROWL 3.3EC herbicide controls most annual grasses and certain broadleaf weeds as they germinate, but will not control established weeds. PROWL 3.3EC should be applied to rows free of weeds and trash.

PROWL 3.3EC may be applied preemergence through layby, in plant or ratoon sugarcane, and again in late summer or fall to newly planted sugarcane. Applications may be hand or broadcast. Although there may be adequate crop tolerance for postemergence applications at layby, the spray must be directed under the sugarcane canopy in order to obtain effective weed control.

DO NOT apply more than 14.4 pints per acre of PROWL 3.3EC during one growing season.

Refer to PROWL 3.3EC leaflet label on the PROWL 3.3EC container for complete mixing instructions.

See below for spraying instructions. DO NOT apply this product through any type of irrigation system.

PROWL 3.3EC is not recommended for use on peat or muck soils.

### BROADCAST RATES OF PROWL 3.3EC HERBICIDE

Apply 4.8 to 7.2 pints of PROWL 3.3EC but DO NOT exceed 14.4 pints per acre in one growing season. See spraying instructions below for calculation of band treatment rate.

Use the 7.2 pint rate:

- a. for heavy clay soils;
- b. if no mechanical incorporation is planned;
- c. if heavy weed populations are anticipated;
- d. if itchgrass infestation is anticipated;
- e. or if no shaving is planned.

### SPRAYING INSTRUCTIONS

#### GROUND APPLICATIONS

**BROADCAST TREATMENT** - Apply PROWL 3.3EC in 10 or more gallons of water or in 20 or more gallons of liquid fertilizer per acre. (Refer to the PROWL 3.3EC leaflet label for liquid fertilizer compatibility determinations.) Use a properly calibrated low-pressure (20 to 40 psi) sprayer equipped with appropriate spray nozzles to achieve uniform spray distribution and minimize drift. Keep the by-pass line on or near the bottom of the tank to minimize foaming. Nozzle screens must be no finer than 50 mesh.

**BAND TREATMENT** - Apply the broadcast equivalent rate and volume per acre. To determine these:

$$\begin{array}{l} \text{Band width} \\ \text{in inches} \end{array} \times \begin{array}{l} \text{Broadcast} \\ \text{RATE} \\ \text{per acre} \end{array} = \begin{array}{l} \text{Band RATE} \\ \text{per acre} \end{array}$$

$$\begin{array}{l} \text{Row width} \\ \text{in inches} \end{array} \times \begin{array}{l} \text{Broadcast} \\ \text{VOLUME} \\ \text{per acre} \end{array} = \begin{array}{l} \text{Band VOLUME} \\ \text{per acre} \end{array}$$

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(See other side)

**AERIAL APPLICATIONS**

Uniformly apply in 5 or more gallons of water per acre. To minimize drift, DO NOT apply during periods of gusty winds or when wind conditions favor drifting. It is recommended that a flagman or an automatic mechanical flagging unit on the aircraft be used to avoid overlapping and possible crop injury. DO NOT make aerial applications at layby because complete and uniform coverage cannot be obtained.

**INCORPORATION INSTRUCTIONS**

PROWL 3.3EC must be thoroughly and uniformly incorporated into the soil with either (a) mechanical incorporation equipment as outlined below, or (b) with rainfall or irrigation, if rainfall or irrigation is adequate for good crop and weed emergence and received within 7 days after application. If rainfall or irrigation is not obtained, PROWL 3.3EC should be mechanically incorporated.

**Mechanical Incorporation:**

PROWL 3.3EC should be applied to loosened beds and incorporated into the top 1 to 2 inches of soil within 7 days after application. Ratoon sugarcane must be lightly shaved in early spring to remove the old stubble before incorporation over the line of sugarcane is possible. Carefully adjust equipment to incorporate without causing excessive damage to emerging shoots. Mechanical incorporation can be achieved by the following:

- a. Rolling cultivator (Lilliston type - Lely Roterra<sup>1</sup>) set to cut 2 or 3 inches deep and operated two times at 6 to 8 mph. This technique may be used with all application timings.
- b. Rolling disc cultivator (Hipper) set to cut 2 to 3 inches deep and operated two times at 6 to 8 mph. This technique may be used to incorporate between sugarcane lines (rows) at layby only.

**WEED SPECIES CONTROLLED**

When applied as directed, PROWL 3.3EC will control the following grass and broadleaf weeds:

**GRASSES**

Barnyardgrass	( <i>Echinochloa crus-galli</i> )
Browntop panicum	( <i>Panicum fusciculatum</i> )
Crabgrass	( <i>Digitaria</i> spp.)
Fall panicum	( <i>Panicum dichotomiflorum</i> )
Foxtail (giant)	( <i>Setaria faberi</i> )
Foxtail (green)	( <i>Setaria viridis</i> )
Foxtail (yellow)	( <i>Setaria lutescens</i> )
Goosegrass	( <i>Eleusine indica</i> )
Itchgrass (Raoulgrass)	( <i>Rottboellia exaltata</i> )*
Johnsongrass (from seed)	( <i>Sorghum halepense</i> )
Junglerice	( <i>Echinochloa colona</i> )
Signalgrass	( <i>Brachiaria texanum</i> )
Texas Panicum	( <i>Panicum capillare</i> )

**BROADLEAF WEEDS**

Caryatweed	( <i>Mollugo verticillata</i> )
Florida pusley	( <i>Richardia scabra</i> )
Lambsquarters	( <i>Chenopodium album</i> )
Pigweed	( <i>Amaranthus</i> spp.)
Purslane	( <i>Portulaca oleracea</i> )
Spurge, annuals	( <i>Euphorbia</i> spp.)

\*PROWL 3.3EC must be applied at the 7.2 pint/acre broadcast rates for itchgrass control. Surface application (no mechanical incorporation) will provide partial itchgrass control. An additional application of 4.8 to 7.2 pints/acre may be made at layby.

For additional broadleaf weed control, use PROWL 3.3EC in combination with any registered herbicide. Always check tank-mix compatibility with tank-mix partners prior to filling spray tank. Consult partner labels for correct use rates and label restrictions.

NOTE: DO NOT graze treated fields or feed treated forage or fodder to livestock.

This label must be in the possession of the user at the time of herbicide application.

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Agricultural Products Division  
Crop Protection Chemicals Department  
Wayne, NJ 07470 01993