

APR 21 1993

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

FOR USE IN SUGARCANE
(DO NOT USE IN HAWAII)

241-337
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 in the spring and again at layby.

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 twice per season, in the spring and at layby, in plant or ratoon sugarcane. Applications may be band 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.

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 at each application timing (spring and layby). See spraying instructions below for calculation of band treatment rate.

Use the 7.2 pint rate:

- a. for dark 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 8002 or larger size Tee-Jet or comparable 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:

$$\frac{\text{Band width in inches}}{\text{Row width in inches}} \times \text{Broadcast RATE per acre} = \text{Band RATE per acre}$$

$$\frac{\text{Band width in inches}}{\text{Row width in inches}} \times \text{Broadcast VOLUME per acre} = \text{Band VOLUME per acre}$$

AERIAL APPLICATIONS
(Spring application only)

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.

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 Roterra¹) set to cut 2 or 3 inches deep and operated two times at 6 to 8 mph. This technique may be used in the spring or at layby.
- 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 fasciculatum</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>)
Signalgrass	(<i>Brachiaria texanum</i>)
Texas Panicum	(<i>Panicum capillare</i>)

BROADLEAF WEEDS

Carpetweed	(<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 rate in the spring 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.

¹Lely Roterra is a trademark of Lely.
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CYANAMID

American Cyanamid Company
Agricultural Products Division
Crop Protection Chemicals Department
Wayne, NJ 07470 ©1993

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PROWL® 3.3 EC HERBICIDE

SUPPLEMENTAL LABELING

EPA Reg. No. 241-337

PROWL 3.3 EC Plus PURSUIT® HERBICIDE

FOR USE IN FIELD CORN

(APPLY ONLY ON PURSUIT RESISTANT/TOLERANT FIELD CORN HYBRIDS)

USE DIRECTIONS FOR PROWL 3.3 EC PLUS PURSUIT FOR WEED CONTROL
IN PURSUIT RESISTANT/TOLERANT FIELD CORN HYBRIDS

OBSERVE ALL PRECAUTIONARY STATEMENTS IN BOTH THE PROWL 3.3 EC AND PURSUIT LEAFLET LABELS BEFORE USING. SEE THE PROWL 3.3 EC LEAFLET, PURSUIT LEAFLET AND SUPPLEMENTAL LABELS FOR PRECAUTIONS, GENERAL INFORMATION, MIXING AND APPLICATION INSTRUCTIONS, USES WITH OTHER PRODUCTS, WEEDS CONTROLLED AND ROTATIONAL CROPS RESTRICTIONS.

DIRECTIONS FOR USE

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

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

DO NOT apply PROWL 3.3 EC plus PURSUIT tank mix through any type of irrigation system. In sequential application, PROWL 3.3 EC alone can be applied via chemigation. See PROWL 3.3 EC label for chemigation instructions. Apply PURSUIT by ground equipment only.

DO NOT use in California.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

GENERAL INFORMATION

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This label must be used in conjunction with PURSUIT labeling for use in resistant/tolerant field corn hybrids.

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

Apply PURSUIT only on selected field corn hybrids warranted by the seed company to possess resistance/tolerance to direct application of PURSUIT (for example: Pioneer IR varieties). DO NOT apply PURSUIT to corn hybrids which lack genetic resistance/tolerance to PURSUIT herbicide. Contact your chemical dealer, seed supplier or American Cyanamid to obtain information regarding PURSUIT resistant/tolerant field corn hybrids.

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Observe all use directions given in the PROWL 3.3 EC and PURSUIT labels sections on precautions, general information, mixing and application instructions, uses with other products, weeds controlled and rotational crop restrictions. Additional instructions are given below. Always follow the most restrictive instructions on both product labels.

This label can be used in conventional, minimum tillage, and no-tillage systems. For PROWL 3.3 EC plus PURSUIT tank mix applications, follow the instructions in the PROWL 3.3 EC leaflet label in the section on Field Corn Grown in Minimum Tillage Systems, or in a PROWL 3.3 EC Supplemental label for no-tillage systems.

MIXING AND RATES OF APPLICATION

Refer to the PROWL 3.3 EC and PURSUIT labels for mixing instructions.

Refer to the PURSUIT labels for Additive and Mixing Instructions for Postemergence Applications. POSTEMERGENCE APPLICATIONS OF PURSUIT REQUIRE THE ADDITION OF A NON-IONIC SURFACTANT AND A LIQUID FERTILIZER SOLUTION (except in states indicated by a footnote on the PURSUIT label). DO NOT use crop oil concentrate with the PROWL 3.3 EC plus PURSUIT postemergence tank mixture.

Apply PURSUIT at a broadcast rate of 4 ounces per acre (1/4 pint) for all methods of application.

Apply PROWL 3.3 EC sequentially or in tank mixture with PURSUIT as follows:

**Broadcast Rate per Acre of PROWL 3.3 EC
Preemergence and Early Postemergence in Corn**

Soil Texture	PROWL 3.3 EC (pints) Less than 1.5%	PROWL 3.3 EC (pints) 1.5 to 3.0%	PROWL 3.3 EC (pints) More than 3.0%
	Organic Matter	Organic Matter	Organic Matter
COARSE	1.8 to 2.4	3.6	3.6
MEDIUM	2.4 to 3.6	3.6	3.6 to 4.8
FINE	2.4 to 3.6	3.6 to 4.8	4.8

NOTES: Use the higher rate of PROWL 3.3 EC if heavy weed populations are anticipated, or if shattercane or hard-to-control weed species will be present, or if extensive crop residues were present following seedbed preparation, or if soil organic matter falls in high end of range. Refer to the PROWL 3.3 EC leaflet label section on Soil Texture for soil type classifications. PROWL 3.3 EC is not recommended for use on peat or muck soils.

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APPLICATION INSTRUCTIONS

DO NOT apply PROWL 3.3 EC plus PURSUIT tank mix under extended cold (below 50°F) and wet weather conditions, or when cold, wet conditions are predicted.

DO NOT INCORPORATE PROWL 3.3 EC or serious corn injury can result.

One application per growing season of one of the following PROWL 3.3 EC plus PURSUIT herbicide treatments may be applied in PURSUIT resistant/tolerant field corn hybrids. See the PURSUIT label for weed height limitations for PURSUIT postemergence applications.

1. PREEMERGENCE tank mixture (surface treatment after planting) of PROWL 3.3 EC plus PURSUIT. Apply after planting, but before weeds or corn emerge. DO NOT incorporate.
2. EARLY POSTEMERGENCE tank mixture of PROWL 3.3 EC plus PURSUIT. Apply when the corn and weeds are actively growing. Tank mix applications can be made to corn up to the 5-leaf stage and before weeds exceed a height of 3 inches, unless otherwise indicated on the PURSUIT label. DO NOT incorporate.
3. Sequential applications of PURSUIT PREPLANT followed by PROWL 3.3 EC PREEMERGENCE (surface treatment after planting). Apply PURSUIT alone as an early preplant or preplant incorporated treatment. Then apply PROWL 3.3 EC alone after planting, but before weeds or corn emerge. DO NOT incorporate PROWL 3.3 EC.
4. Sequential applications of PROWL 3.3 EC PREEMERGENCE (surface treatment after planting) followed by PURSUIT POSTEMERGENCE. Apply PROWL 3.3 EC after planting, but before weeds or corn emerge. DO NOT incorporate PROWL 3.3 EC. Then apply PURSUIT before the corn exceeds the 8-leaf stage and before weeds exceed a height of 3 inches, unless otherwise indicated on the PURSUIT label.

PRECAUTIONS

Observe all precautions on the PROWL 3.3 EC and PURSUIT labels, including replanting in the event of crop loss due to weather, use of soil insecticides, use of imidazolinone tolerant hybrids from other seed companies, harvest and grazing intervals, and rotational crop restrictions. If other herbicides are mixed with the PROWL 3.3 EC plus PURSUIT tank mixture, the label restrictions for these herbicides tank mixtures must also be followed. Always follow the most restrictive instructions on any product label.

For additional information regarding the use of PROWL 3.3 EC herbicide, call telephone number (800) 942-0500.

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