

# PROWL<sup>®</sup>

## 3E



## HERBICIDE

FOR WEED CONTROL IN FIELD CORN AND COTTON

**CYANAMID**

DO NOT STORE BELOW 40°F

### Active Ingredient:

[N-(1-ethylpropyl)-3, 4-dimethyl-2,  
6-dinitrobenzenamine]..... 34.4%

Inert Ingredients..... 65.6%

(1 gal. contains 3 lbs. of active ingredient)

EPA Reg. No. 241-244-AA

EPA Est. No. 602-MO-1

### WARNING!

KEEP OUT OF REACH OF CHILDREN  
See Side Panel for Other Warnings

### AVISO

AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

(TO THE USER: If you cannot read English, do not use this product until the label has been fully explained to you.)

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NET CONTENTS: 1 GALLON

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**Field Corn—Preemergence Applications**

The seed bed should be firm and free of clods and trash. Apply PROWL 3E in 10 or more gallons of water per acre at planting or after planting corn but before weeds or the crop emerge. DO NOT INCORPORATE. Do Not Apply Prior To Planting Corn Or Postemergence To Corn. PROWL is most effective in controlling weeds when adequate rainfall or overhead irrigation is received within 7 days of application. If cultivation is necessary because of soil crusting, soil compaction, or weed germination before rain or irrigation, use shallow tillage 1 or 2 inches to minimize dilution of the herbicide. Unusually cold, excessively wet, or hot dry conditions that delay germination or extend germination over a long period of time may reduce weed control. Under these abnormal conditions there may be a temporary slowing of seedling corn, but recovery will be rapid when good growth conditions return.

**Broadcast Treatment:** Apply in 10 or more gallons of water. Do not apply during periods of gusty winds or winds in excess of 10 mph.

**Band Treatment:** Apply a broadcast equivalent rate and volume per acre. To determine these:

Band width in inches	X	Broadcast RATE per acre	Band RATE per acre	Band width in inches	X	Broadcast VOLUME per acre	Band VOLUME per acre
Row width in inches				Row width in inches			

The following weed species are susceptible to preemergence treatments of PROWL 3E at the rates recommended for each soil texture listed:

- |   |  |
|---|--|
| Green foxtail ( <i>Setaria viridis</i> )        | Crabgrass ( <i>Digitaria</i> spp.)                 |
| Yellow foxtail ( <i>Setaria leucocens</i> )     | Lambquarters ( <i>Chenopodium album</i> )          |
| Giant foxtail ( <i>Setaria faberii</i> )        | Redroot pigweed ( <i>Amaranthus retrofractus</i> ) |
| Barnyardgrass ( <i>Echinochloa crus-galli</i> ) | Velvetleaf ( <i>Abutilon theophrasti</i> )         |
| Fall panicum ( <i>Panicum dichotomiflorum</i> ) | Smartweed ( <i>Polygonum persicaria</i> )          |

**Preemergence Broadcast Rate Per Acre of PROWL 3E in Field Corn**

Soil Texture	1 1/2% to 3% Organic Matter	More than 3% Organic Matter
sandy loams	2.0 quarts	2.0 quarts
loams and silt loams	2.0 quarts	2.0 to 2 1/2 quarts
silty clay loams and clay loams	2.0 to 2 1/2 quarts	2 1/2 quarts

The high rate for each soil texture above where listed, should be used when heavy infestations of grass or broadleaf weeds are anticipated.

**DO NOT use on sands or loamy sands. DO NOT use on soils that contain less than 1 1/2% organic matter. DO NOT use PROWL 3E on peat, muck or heavy clay soils.**

**NOTE:** If corn crop loss occurs due to weather conditions, corn or soybeans can be replanted the same year without adverse effects. PROWL-treated land can be planted to other crops the following year.

**Field Corn—Preemergence Applications of PROWL 3E Plus atrazine Mixtures**

When applied as directed, tank mixtures of PROWL and atrazine will control these additional broadleaf weeds:

Common ragweed (*Ambrosia artemisiifolia*)      Mustards (*Brassica* spp.)

Recommended tank mixtures of PROWL and atrazine will reduce competition from the following hard-to-control annual broadleaf weeds:

- |   |  |   |
|---|--|---|
| Cocklebur ( <i>Xanthium pensylvanicum</i> ) | Annual morningglory ( <i>Ipomoea</i> spp.) | Jimsonweed ( <i>Datura stramonium</i> ) |
|---|--|---|

**Broadcast Treatment—Field Corn**

Apply recommended tank mixtures of PROWL 3E and atrazine to the soil surface in 10 or more gallons of water per acre at planting, after planting, but before crop or weeds emerge.

**Preemergence Broadcast Rate Per Acre in Field Corn**

Soil Texture	1 1/2% to 3% Organic Matter PROWL 3E + atrazine 80W**	More than 3% Organic Matter PROWL 3E + atrazine 80W**
sandy loams	1 1/2 qts. + 1.25 lbs.	2 qts. + 1.25 lbs.
loams and silt loams	2 qts. + 1.25 to 1.5 lbs.	2 qts. + 1.5 to 2.0 lbs.
silty clay loams and clay loams	2 qts. + 1.5 to 2.0 lbs.	2 qts. + 1.5 to 2.0 lbs.

The high rate of atrazine for each soil texture above should be used when heavy infestations of grass or broadleaf weeds are anticipated.

\*\*When using atrazine 4L, use equivalent rates. One quart of atrazine 4L equals 1.25 lbs. of atrazine 80W.

**DO NOT use on sands or loamy sands. DO NOT use on soils that contain less than 1 1/2% organic matter. DO NOT use on peat, muck or heavy clay soils.**

**NOTE:** Follow cropping restrictions on atrazine labels. There are several brand names for atrazine, including AAtrex®—a registered trademark of Ciba-Geigy Corporation.

**Field Corn—Preemergence Applications of PROWL 3E Plus cyanazine (BLADEX®) Mixtures**

When applied as directed, tank mixtures of PROWL plus BLADEX will control these additional broadleaf weeds:

Common ragweed (*Ambrosia artemisiifolia*)      Mustards (*Brassica* spp.)

Recommended tank mixtures of PROWL plus BLADEX will reduce competition from the following hard-to-control annual broadleaf weeds:

- |   |  |   |
|---|--|---|
| Cocklebur ( <i>Xanthium pensylvanicum</i> ) | Annual morningglory ( <i>Ipomoea</i> spp.) | Jimsonweed ( <i>Datura stramonium</i> ) |
|---|--|---|

**Broadcast Treatment—Field Corn**

Apply recommended tank mixtures of PROWL 3E plus BLADEX to the soil surface in 10 or more gallons of water per acre at planting, or after planting, but before crop or weeds emerge.

**Preemergence Broadcast Rate Per Acre in Field Corn**

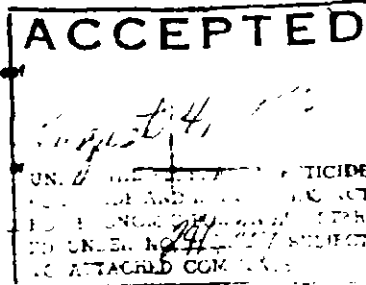
Soil Texture	1 1/2% to 3% Organic Matter PROWL 3E + BLADEX 4 WDS***	More than 3% Organic Matter PROWL 3E + BLADEX 4 WDS***
sandy loams	1 1/2 qts. + 2.0 lbs.	2 qts. + 2 to 2.5 lbs.
loams and silt loams	2 qts. + 2 to 2.5 lbs.	2 qts. + 2.5 to 3.0 lbs.
silty clay loams and clay loams	2 qts. + 2.5 to 3.0 lbs.	2 qts. + 2.5 to 3.0 lbs.

The high rate of BLADEX for each soil texture above, where listed, should be used when heavy infestations of grass or broadleaf weeds are anticipated.

\*\*\*When using BLADEX 4 WDS use equivalent rates. One quart BLADEX 4 WDS equals 1.25 lbs. of BLADEX 80WP.

**DO NOT use on sands or loamy sands. DO NOT use on soils that contain less than 1 1/2% organic matter. DO NOT use on peat, muck or heavy clay soils.**

**NOTE:** When PROWL is used with BLADEX® herbicide as directed on this label, the user can rotate from corn to other crops. BLADEX® is a registered trademark of Shell Chemical Company.



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## Cotton—Preplant Incorporated Applications

Thoroughly mix the previous crop residues into the soil to a depth of 4 to 6 inches by plowing or disking prior to application. Uniformly apply PROWL 3E in 10 or more gallons of water per acre as a broadcast spray.

1. PROWL may be applied immediately before planting cotton or up to 60 days prior to planting. DO NOT APPLY PROWL AS A POST EMERGENCE SPRAY.
2. Incorporate PROWL 1 to 3 inches deep within 6 hours after application. See directions below for listing or bedding.

Incorporation can be achieved by the following methods:

- a) Disk harrow set to cut 3 to 4 inches deep.
- b) Bed conditioners set to cut 2 to 3 inches deep.
- c) PTO-driven equipment (tillers, cultivators, hoes) set to cut 2 to 3 inches deep.
- d) Rolling cultivators set to cut 2 to 3 inches deep.

When PROWL is applied to flat land prior to listing or bedding, incorporation should be of sufficient depth (4 to 6 inches) so that listing does not bring up untreated soil. During planting, or if beds must be reshaped prior to planting, avoid tillage that will bring untreated soil to the surface or expose untreated soil in the furrow.

Rotary-hoeing, shallow cultivation, or hand-hoeing can be practiced after application without reducing weed control. PROWL is not dependent upon rainfall for effective weed control in cotton.

The following weed species are susceptible to preplant incorporated treatments of PROWL at the rates recommended for each soil texture listed:

- Barnyardgrass (*Echinochloa crus-galli*)
- Crabgrass (*Digitaria* spp.)
- Cenchrus (*Echinochloa crus-galli*)
- Signalgrass (*Brachiaria platyphylla*)
- Johnsongrass (from seed) (*Sorghum holopense*)
- Panicum (*Panicum* spp.)
- Pigweed (*Amaranthus* spp.)
- Lambquarters (*Chenopodium album*)
- Purslane (*Portulaca oleracea*)
- Carpetweed (*Mollugo verticillata*)
- Spurge annulets (*Euphorbia* spp.)

PROWL does not control morningglory, cocklebur, hemp sesbania, prickly sida, and nuttall.

### Preplant Incorporated Broadcast Rate Per Acre OF PROWL 3E In Cotton

Soil Texture	PROWL 3E
Sands, heavy sands, sandy loam	1½ to 2 pints
Sandy clay loam, loam, silt loam, silt	2 to 2½ pints
Clay loam, silty clay loam, clay	2 to 4 pints

The high rate for each soil texture above should be used if heavy weed populations are anticipated. Use the 4 pint rate for heavy clay soils.

NOTE: DO NOT feed forage or grain livestock in treated cotton fields. Loss of cotton crop occurs due to adverse weather conditions, cotton or soybeans can be replanted the same year into PROWL-treated soil without adverse effects. When PROWL is used in cotton, the year can rotate the cotton to other crops.

Lot No.

Made and Printed in U.S.

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Sold By  
**AMERICAN CYANAMID COMPANY**  
AGRICULTURAL DIVISION  
PRINCETON, NJ 08540

## WARNING! COMBUSTIBLE LIQUID AND VAPOR

Do not store near food or feed products.

Do not use, pour, spill, or store near heat or open flame.

## WARNING! HARMFUL IF SWALLOWED OR INHALED. CAUSES EYE AND SKIN IRRITATION.

Avoid contact with eyes, skin and clothing.

Avoid breathing spray mist.

Wash thoroughly after handling.

### FIRST AID

If swallowed, induce vomiting by sticking finger down throat or by giving soapy or strong salty water to drink. Repeat until vomit is clear. Call a physician. Never give anything by mouth to an unconscious person.

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician. Flush skin with water.

### DISCLAIMER

American Cyanamid Company warrants only that the material contained herein conforms to the chemical description on the label and is reasonably fit for the use therein described when used in accordance with the directions for use.

Any damages arising from a breach of this warranty shall be limited to direct damages and shall not include consequential commercial damages such as loss of profits or values, etc.

American Cyanamid Company makes no express or implied warranty, including any other express or implied warranty of FITNESS or of MERCHANTABILITY.

USER assumes the risk of any use contrary to label instructions or under abnormal conditions or under conditions not reasonably foreseeable by American Cyanamid Company.

This product is toxic to fish. Keep out of lakes, streams or ponds. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

### RINSE/DRAIN AND DISPOSAL PROCEDURE:

(1) Drain container into spray tank (after normal emptying) in a vertical position for 30 seconds. (2) Rinse carefully 3 times with 1 quart of water for each rinse for a 1 gallon container and drain into spray tank after each rinse. (3) Do not reuse container. (4) Bury deeply in an isolated location away from water supplies with at least 18 inches of cover.

### General Information

PROWL 3E controls most annual grasses and certain broadleaf weeds in field corn and cotton. PROWL controls weeds as they germinate, but will not control established weeds. Cultivate to destroy existing weeds before PROWL application.

Apply with ground equipment only.

Observe all cautions and limitations on this label and the labels of products used in combination with PROWL. The use of PROWL not consistent with this label may result in injury to crops, animals, or persons. Keep containers closed to avoid spills and contamination.

### Mixing and Spraying Instructions

Mix PROWL 3E or PROWL tank mixtures as specified on this label with water as follows:

1. Fill tank one-half to three-quarters full with clean water.
2. When using PROWL alone, add PROWL to partially-filled tank while agitating and then fill the remainder of the tank with water.
3. (a) When using PROWL with a wettable powder herbicide, make a slurry of the wettable powder in water (1 part WP + 2 parts water). Add the slurry slowly into the partially-filled tank while agitating.  
(b) When the slurry is properly mixed, add PROWL to the tank. Fill the remainder of the tank with water.
4. (a) When using PROWL with a flowable herbicide, pre-mix one part of flowable and one part water and add this diluted mixture into the partially-filled tank while agitating.  
Continue agitation while spraying.  
(b) When the flowable is properly mixed, add PROWL to the tank. Fill the remainder of the tank with water.
5. Maintain good agitation at all times until spraying is completed. If the spray mixture is allowed to settle for any period of time, thorough agitation is essential to recombine the mixture before spraying is resumed.

Use a properly calibrated low-pressure (20 to 40 psi) sprayer equipped with 8000 or larger size Tee-Jet or comparable nozzles to achieve uniform spray distribution and minimize drift. Keep the Tee-Jet nozzle on or near the bottom of the tank to minimize foaming. Nozzle streams must be no finer than 80 mesh. Do not apply PROWL during periods of gusty winds or when wind velocity is greater than 10 mph.

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