

PROWL® 10-G
herbicide

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FOR USE IN FIELD CORN



Active Ingredient:

Pendimethalin (N-(1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine) 10.0%

Inert Ingredients 90.0%

EPA Reg. No. 241-254-AA

EPA Est. No.



KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID: In case of contact with eyes, immediately flush eyes with plenty of water.

SEE BELOW FOR ADDITIONAL PRECAUTIONARY STATEMENTS

PRECAUTION
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IN CASE OF AN EMERGENCY ENDANGERING LIFE OR PROPERTY INVOLVING THIS PRODUCT, CALL COLLECT, DAY OR NIGHT, AREA CODE 201-835-3100

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS

CAUTION: DUST MAY CAUSE IRRITATION

Avoid contact with eyes • Avoid inhalation of dust • Wash thoroughly after handling

ENVIRONMENTAL HAZARDS

GENERAL

DISCLAIMER

DIRECTIONS FOR USE

STORAGE AND DISPOSAL

PESTICIDE DISPOSAL

BAG DISPOSAL

Net Weight: 50 lbs. (22.70 kg)

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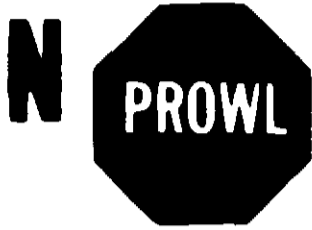
PROWL® 10-G

herbicide

SOLD BY

AMERICAN CYANAMID COMPANY

-G
herbicide



10.0%
90.0%

Est. No.

plenty of water.

ENTS

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to you

after handling

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D40

PROWL[®] 10-G herbicide

ED
June 12, 1978
A.H. 237

DIRECTIONS FOR USE

GENERAL INFORMATION

PROWL 10-G is a pre-emergence herbicide for use in corn. It is applied to the soil surface and kills weeds by preventing germination. It is effective against a wide range of weeds, including annual grasses, broadleaf weeds, and sedges. PROWL 10-G is most effective when applied at planting time. It is also effective when applied pre-planting, but results will be best if applied within 7 days after application. PROWL 10-G is not effective against weeds that have already germinated. It is also not effective against weeds that are resistant to its herbicide action. PROWL 10-G is a selective herbicide and does not harm corn plants. It is safe for use on sandy, loam, and silty soils. It is also safe for use on clay and silty clays. PROWL 10-G is a pre-emergence herbicide and should be applied before planting of corn. It is also effective when applied pre-planting, but results will be best if applied within 7 days after application. PROWL 10-G is not effective against weeds that have already germinated. It is also not effective against weeds that are resistant to its herbicide action. PROWL 10-G is a selective herbicide and does not harm corn plants. It is safe for use on sandy, loam, and silty soils. It is also safe for use on clay and silty clays.

The seed bed should be firm and free of clods and trash. Do not use PROWL 10-G in wet soil. The use of this herbicide in wet soil may result in injury to the crop and to persons.

PREEMERGENCE - FIELD CORN

PROWL 10-G is most effective applied at planting time when spread or pre-planting are done in the same operation. **DO NOT INCORPORATE OR APPLY PRIOR TO PLANTING CORN.** Best results will be obtained if PROWL 10-G is applied within 7 days after application.

The following weed species are susceptible to pre-emergence treatment with PROWL 10-G. Rates are recommended for each soil texture listed.

- Green foxtail: *Setaria viridis*
- Yellow foxtail: *Setaria ptilostachya*
- Common foxtail: *Setaria glabra*
- Barnyardgrass: *Echinochloa crusgalli*
- Fall panicum: *Panicum polyanthemum*
- Crabgrass: *Digitaria sanguinalis*
- Carolina pennycress: *Chenopodium album*
- Redroot pigweed: *Amaranthus retrofractus*
- Goatweed: *Butyraria*
- Spotted spurge: *Euphorbia maculata*
- Common chickweed: *Hemibryonia*

Application Equipment and Calibration

Broadcast Treatment - Apply PROWL 10-G to the soil surface in a uniform layer. Use a spreader or similar equipment. Calibrate the spreader to apply the recommended rate per acre. Apply PROWL 10-G to the soil surface in a uniform layer. Use a spreader or similar equipment. Calibrate the spreader to apply the recommended rate per acre.

Band Treatment - Apply PROWL 10-G to the soil surface in a uniform layer. Use a band applicator. Calibrate the band applicator to apply the recommended rate per acre. Apply PROWL 10-G to the soil surface in a uniform layer. Use a band applicator. Calibrate the band applicator to apply the recommended rate per acre.

Example - Apply PROWL 10-G to the soil surface in a uniform layer. Use a spreader or similar equipment. Calibrate the spreader to apply the recommended rate per acre. Apply PROWL 10-G to the soil surface in a uniform layer. Use a spreader or similar equipment. Calibrate the spreader to apply the recommended rate per acre.

1. Drive the spreader
2. Drive the spreader
3. Drive the spreader
4. Drive the spreader
5. Drive the spreader
6. Drive the spreader
7. Drive the spreader
8. Drive the spreader
9. Drive the spreader
10. Drive the spreader

Soil Texture
COARSE - sandy loams
MEDIUM - loams and silty loams
FINE - silty clay loams, clay loams, clays and silty clays

The high rate of application is recommended when heavy infestations are present. **DO NOT** use PROWL 10-G on soils with less than 1% organic matter.

NOTE - If corn plants are present at the time of application, PROWL 10-G will not injure them.

Mount the spreader on the front of the tractor. Use a defoliant to cut weeds to be cultivated or to be cut and treated.

Row Width	Rate (lb/acre)
12 ft	1.5
15 ft	2.0
18 ft	2.5
21 ft	3.0
24 ft	3.5
27 ft	4.0
30 ft	4.5
33 ft	5.0
36 ft	5.5
39 ft	6.0
42 ft	6.5
45 ft	7.0
48 ft	7.5
51 ft	8.0
54 ft	8.5
57 ft	9.0
60 ft	9.5
63 ft	10.0
66 ft	10.5
69 ft	11.0
72 ft	11.5
75 ft	12.0
78 ft	12.5
81 ft	13.0
84 ft	13.5
87 ft	14.0
90 ft	14.5
93 ft	15.0
96 ft	15.5
99 ft	16.0

Other applicators may be used if they are calibrated to apply the recommended rate per acre.

Applicator
1. Broadcast
2. Band
3. Pre-planting
4. In-row
5. Other

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