



# ATRALIN WEED KILLER

Contains Atrazine and Linuron  
For Selective Control of Germinating  
Seedlings of Annual Weeds in Field Corn  
Preemergence Application

BEST DOCUMENT AVAILABLE

### INGREDIENTS

ATRAZINE (3,4-DIAMINO-2,6-DIMETHYL-5-METHYLPIRIMIDIN-6-OLINE) 10.0%  
LINURON (3,4-DIMETHYL-6-ETHYLPIRIMIDIN-2(1H)-ONE) 10.0%  
INERTS 80.0%

### NET WEIGHT

### CAUTION

KEEP OUT OF REACH OF CHILDREN.

KEEP THIS AND ALL OTHER PESTICIDE CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE.

**IMPORTANT:** ATRALIN WEED KILLER is a selective preemergence herbicide for use in field corn. It controls germinating seedlings of annual weeds. Do not apply to corn plants less than 10 days old. Do not apply to corn plants in the silk stage. Do not apply to corn plants in the tassel stage. Do not apply to corn plants in the grain stage. Do not apply to corn plants in the harvest stage. Do not apply to corn plants in the storage stage. Do not apply to corn plants in the disposal stage. Do not apply to corn plants in the recycling stage. Do not apply to corn plants in the composting stage. Do not apply to corn plants in the mulching stage. Do not apply to corn plants in the cover cropping stage. Do not apply to corn plants in the no-till stage. Do not apply to corn plants in the reduced-till stage. Do not apply to corn plants in the conservation-till stage. Do not apply to corn plants in the strip-till stage. Do not apply to corn plants in the direct-till stage. Do not apply to corn plants in the no-till stage. Do not apply to corn plants in the reduced-till stage. Do not apply to corn plants in the conservation-till stage. Do not apply to corn plants in the strip-till stage. Do not apply to corn plants in the direct-till stage.

NET WEIGHT

5 POUNDS

DISTRIBUTED BY  
**UNITED CO-OPERATIVES, INC.**  
ALLIANCE, OHIO



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Seedlings of Annual Weeds in Field Corn  
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### INGREDIENTS

<b>ACTIVE INGREDIENTS:</b>	
Linuron [3-(3,4-dichlorophenyl)-1-methoxy-1-methylurea]	30.8%
Atrazine (2-chloro-4-ethylamino-6-isopropylamino-1,3,5-triazine)	30.8%
<b>INERT INGREDIENTS</b>	38.4%
Total	100.0%
U.S. Pat. 3,022,150	

USDA Reg. No. 1386-493

## CAUTION

KEEP OUT OF REACH OF CHILDREN

**HARMFUL IF SWALLOWED. MAY IRRITATE EYES, NOSE, THROAT, AND SKIN.** Avoid breathing dust or spray mist. Avoid contact with skin, eyes, and clothing. Avoid contamination of feed and foodstuffs.

**IMPORTANT:** Use this product only as specifically directed. Overdosage, caused by inaccurate preparation of spray mixture, improper calibration of equipment or application at a speed slower than used for calibration, should be avoided as injury to the crop may result. Do NOT apply, drain, or flush equipment under or near desirable trees or plants, or on areas where their roots may extend, or in locations where the chemical may be washed or moved into contact with their roots. Do NOT use on lawns, walks, driveways, tennis courts, or similar areas. Prevent drift of dry powder or spray to desirable plants; do not apply when weather conditions favor spray drift from area treated. Do NOT contaminate any body of water. Keep from contact with fertilizers, insecticides, fungicides, and seeds. Do not store with or near feed and foodstuffs.

Thoroughly clean all traces of this weed killer from application equipment immediately after use, otherwise, crop injury may result when equipment is used again. Flush tank, pump, hoses, and boom with several changes of water after removing nozzle tips and screens (clean these parts separately). Clean application equipment and dispose of wastes, rinse solutions, and unused chemical in deep, non-crop land located well away from water supplies.

**NET WEIGHT**

**5 POUNDS**

PL 847 B4A7

PROD 1102

DISTRIBUTED BY  
**UNITED CO-OPERATIVES, INC.**  
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# UNICO ATRALIN WEED KILLER

## DIRECTIONS FOR USE

This product is a wettable powder to be mixed in water and applied as control of annual weeds and grasses in field corn. Treatment provides control of annual weeds such as foxtail (including giant foxtail), barnyardgrass, lambsquarters, pigweed, purslane, mustard, ragweed, and smartweed. Treat established nutgrass, Johnson grass, Bermuda grass, or other perennial weeds.

**HOW TO USE**—Make a single application as a band (over the row) or planting but before crop emerges. For accuracy and convenience, planting and banded in one operation. Apply with a properly calibrated fixed-boom power sprayer (equivalent to 25 to 40 gal. per acre on a broadcast basis) to provide coverage of the ground. Avoid overlapping, and shut off spray boom while starting or stopping, or injury to the crop may result. Continuous agitation is required in suspension.

Effective results are obtained when this weed killer is moved by moisture (irrigation) into the upper layer of soil within 2 weeks after application. (Soil moisture is generally sufficient) following treatment will usually result in unsatisfactory results.

Soil should be well prepared and as free as possible from trash and clods. If planted to a depth of at least 1 1/2" or crop injury may result. If soil becomes hard after emergence, a shallow rotary hoeing may be made. If rainfall is insufficient following treatment, rotary hoeing or standard cultivation should be used before crop emerges; otherwise, avoid cultivating or disturbing the sprayed area, such as with soil while cultivating middles.

Apply the spray mixture at the following rates:

Soil Type*	Amount to apply in 25 to 40 gal. water per acre (of ground actually sprayed)	Amount to apply on 40 in. row
<b>Light Colored—</b>		
low organic matter (2% or less)		
Sandy loam	1.6 lb.	
Silt loam	2.0 lb.	
Clay loam	2.5 lb.	
<b>Dark colored—</b>		
moderate organic matter		
Silt loam	4.0 lb.	
Clay loam	5.0 lb.	

\*Do not use on sand or loamy sandy soil as crop injury may result.

Fields treated with this weed killer may be replanted to field corn if it does not germinate or produce a stand. Thoroughly rework soil before replanting. Do not make a second application during the same crop year as injury to the crop may result. Do not follow treated corn with sugar beets, tobacco or vegetables in rotation. Prior to planting a second crop following treated corn, thorough seedbed preparation including fall or spring

**EQUIPMENT**—Use a tractor-mounted power sprayer properly calibrated to a capacity of delivery (see CALIBRATION section). Sprayer should be designed to treat the ground as the planter used. Make certain spray equipment is clean (free of scale, rust, deposits). Screens should be 50-mesh or coarser. Booms and hoses should be maximum length. **MATERIAL MUST BE KEPT IN SUSPENSION AT ALL TIMES BY CONTINUOUS AGITATION** by mechanical or hydraulic means. With hydraulic system, use a separate agitation by-pass line; both lines should terminate at bottom tank to minimize foaming. Shut off while starting, turning, slowing or stopping, or injury to the crop may result.

**CALIBRATION**—The following is designed for application of indicated number of gallons per acre of ground actually sprayed; it is based on width of band treated and is not for broadcast application.

**STEP 1:** To calibrate, tractor gear and throttle setting should be the same as for actual application (full throttle is preferred to insure maximum pump capacity). In the tank, determine number of seconds required for tractor to travel in the field shown below, opposite desired band width and under proper spray volume.

Band Width	Gal. Spray Per Acre of Ground Actually Sprayed		
	25	30	35
10 in.	523 ft.	436 ft.	373 ft.
12 in.	436 ft.	363 ft.	311 ft.
14 in.	374 ft.	311 ft.	266 ft.
16 in.	327 ft.	272 ft.	233 ft.
18 in.	291 ft.	242 ft.	207 ft.
20 in.	262 ft.	218 ft.	187 ft.

Adjust height of boom to obtain desired band width. With only water in the tank, same throttle setting as in Step 1, but with tractor standing still, adjust pressure to deliver ONE QUART of spray in the exact number of seconds as determined in the table for band width.

**STEP 2:** Equipment is now ready to apply the required spray volume. Do not change tractor gear and throttle setting are not changed.

### CAUTION

**DESTROY EMPTY CONTAINERS.** Do not reuse this container for any purpose. Containers (paper) is a hot fire, outdoors, in an isolated area. The smoke is hazardous from the smoke.

### NOTICE

The seller makes no implied warranty of merchantability nor any other warranty beyond the description on the face hereof.

FC-992-8467

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