

CONTENTS

5 GALLONS



**DANGER**

Keep Out of Reach of Children and Farm Animals • Poisonous if Swallowed or Absorbed Through Skin. Do Not Breathe Spray Mist • Causes Severe Eye Irritation. Do Not Get in Eyes, on Skin, on Clothing • Do Not Take Internally • Do Not Wear Contaminated Clothing or Shoes • Keep Away From Heat and Open Flame. Do Not Store Near Food or Feed • Do Not Use or Store In or Around the Home

First Aid Treatment



**POISON**



Antidote

**SYMPTOMS OF POISONING:** Excessive Fatigue, Sweating, Thirst, and Fever. If symptoms of poisoning develop from any type of exposure, **SEND FOR A PHYSICIAN FIRST AID:** Have patient lie quiet in coolest spot available. If feverish, cool with cold compresses or by immersion in cool water.

**If Swallowed, SEND FOR A PHYSICIAN.** Induce vomiting by giving an emetic such as 1-2 tablespoons of table salt in a glass of warm water. Repeat until vomit fluid is clear, then give 1-2 teaspoonfuls of lukewarm soda or ginger ale with warm water. Treat as in **FIRST AID**, above.

**If Spilled in Eyes,** immediately flush eyes with plenty of water for at least 15 minutes and get medical attention. **If Spilled on Skin,** immediately remove contaminated clothing, including shoes, and wash skin with soap and plenty of water. If symptoms of poisoning develop, send for a physician and treat as in **FIRST AID**, above. Discard contaminated clothing and shoes. Treat them thoroughly before reuse. **NOTE TO ATTENDING PHYSICIAN:** DNBP is a metabolic stimulant. Treat symptomatically. No known antidote.

**USE PRECAUTION**

To avoid staining of carpets, upholstery, etc., keep contaminated clothing and shoes outdoors until cleaned. Rinse equipment and containers with water and dispose of wastes by burying in non-crop lands away from water supplies. Dispose of empty containers by punching holes in them and burying with wastes.

This product is toxic to fish and wildlife. Keep out of lakes, ponds, streams. Birds feeding on treated areas may be killed. Do not apply to any area not specified on this label.

Clean sprayers thoroughly before using to apply DYNORAM. Thoroughly clean sprayer after using DYNORAM. Rinse all parts of sprayer with water several times.

Avoid spray drift to adjacent crops as injury may result. These sprays are less likely to drift. Do not store near fertilizers, seeds, insecticides, or fungicides. **Do not use this product for purposes other than those recommended on this label.**

# DYNORAM

## WEED KILLER

### Controls Annual Broadleaf Weeds and Annual Grasses in Soybeans

## DANGER POISON

Keep out of reach of children

Wear protective clothing and goggles.

Read antidote and complete precautions on left panel of label

**ACTIVE INGREDIENTS**

Diethanolamine salt of 2,4-dinitro-1,1-dimethyl-2,5-dimethylbenzoic acid ..... 15.7%

Diethanolamine salts of 4-(6-dimethyl-sec-butyl phenol) ..... 30.1%

**INERT INGREDIENTS** ..... 54.2%

\*chloramben equivalent 10.4% by weight or 1 pound per gallon.

\*\*DNBP equivalent 20.9% by weight or 2 pounds per gallon.

**AMCHEM PRODUCTS, Inc.**  
First Name in Herbicide Research

AMBLER, PA. • Clinton, Iowa • St. Joseph, Mo. • Fremont, Calif.

**GENERAL INFORMATION**

DYNORAM kills weeds two ways. Chloramben and DNBP are effective for controlling germinating annual grass and broadleaf weeds. DNBP is a contact killer and quickly burns any weeds that have germinated before treatment.

**DYNORAM controls the following important Annual Grass and Broadleaf Weeds:**

barnyardgrass (water grass)  
brachiaria  
cocklebur  
crabgrass, hairy (large)  
crabgrass, smooth  
fall panicgrass  
Florida pusley  
foxtail, giant  
foxtail, green  
foxtail, yellow  
goosegrass (silver crabgrass)  
ivyleaf morningglory  
lambsquarter, common  
morningglory, annual  
mustard, wild  
pigweed, red root  
ragweed, common  
smartweed, Pennsylvania  
velvetleaf (buttonweed)

*Echinochloa crusgalli*  
*Brachiaria* spp.  
*Xanthium* sp.  
*Digitaria sanguinalis*  
*Digitaria ischaemum*  
*Panicum dichotomillosum*  
*Richardia scabra*  
*Setaria faberii*  
*Setaria viridis*  
*Setaria glauca*  
*Eleusine indica*  
*Ipomoea hederacea*  
*Chenopodium album*  
*Ipomoea* sp.  
*Brassica kaber*  
*Amaranthus retroflexus*  
*Ambrosia artemisiifolia*  
*Polygonum pennsylvanicum*  
*Abutilon theophrasti*

Velvetleaf, jimsonweed and cocklebur often germinate in soil at depths below the chemical penetration. Even though populations of these weeds are reduced with preemergence treatments under normal rainfall conditions, weed seeds which germinate outside the chemical zone are not affected. These weeds will be controlled if they are up at time of spraying. Sprouts coming from roots of established perennial weeds such as horsenettle, hedge bindweed, nutsedge, milkweed, dogbane, quackgrass and johnsongrass are not controlled.

**WARRANTY**

Amchem warrants that composition of this product conforms to the chemical description given in the ingredient statement and the product is suited for the purposes described when used according to directions. Because of the broad range of conditions which may be encountered with the use of this product, it is impossible to eliminate all risks, even though label directions are followed. Amchem therefore makes no other express or implied warranty, and no agent of Amchem is authorized to do so. Buyer agrees in purchasing this product to assume the risks and in the event of damages arising from a breach of the warranty to accept refund of the product as full discharge of Amchem's liability.

ACCEPTED  
APR 12 1971  
UNDER THE FEDERAL INSECTICIDE ACT  
FOR CONTROL OF PESTICIDE AND  
FERTILIZER SALES  
264-256

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5 GALLONS



# DYNORAM

## WEED KILLER

Controls Annual Broadleaf Weeds and Annual Grasses in Soybeans

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**AMCHEM PRODUCTS, Inc.**  
First Name in Herbicide Research  
Millsboro, PA. • Clinton, Iowa • St. Joseph, Mo. • Fremont, Calif.

ACCEPTED  
APR 12 1971  
UNDER THE FEDERAL INSECTICIDE AND FUNGICIDE ACT  
FOR FULL AND COMPLETE INFORMATION  
SEE LABEL AND DIRECTIONS  
ED UNDER 15  
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264-256

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DYNORAM kills weeds two ways. Chloramben and DNBP are effective for controlling germinating annual grass and broadleaf weeds. DNBP is a contact killer and quickly burns any weeds that have germinated before treatment.

DYNORAM controls the following important Annual Grass and Broadleaf Weeds:

- |                               |                                 |
|-------------------------------|---------------------------------|
| barnyardgrass (water grass)   | <i>Echinochloa crusgalli</i>    |
| brachiaria                    | <i>Brachiaria</i> spp.          |
| cocklebur                     | <i>Xanthium</i> sp.             |
| crabgrass, hairy (large)      | <i>Digitaria sanguinalis</i>    |
| crabgrass, smooth             | <i>Digitaria ischaemum</i>      |
| fall panicgrass               | <i>Panicum dichotomifolium</i>  |
| Florida pusley                | <i>Richardia scabra</i>         |
| foxtail, giant                | <i>Setaria faberii</i>          |
| foxtail, green                | <i>Setaria viridis</i>          |
| foxtail, yellow               | <i>Setaria glauca</i>           |
| goosegrass (silver crabgrass) | <i>Eleusine indica</i>          |
| ivyleaf morningglory          | <i>Ipomoea hederacea</i>        |
| lambsquarter, common          | <i>Chenopodium album</i>        |
| morningglory, annual          | <i>Ipomoea</i> sp.              |
| mustard, wild                 | <i>Brassica kaber</i>           |
| pigweed, red root             | <i>Amaranthus retroflexus</i>   |
| ragweed, common               | <i>Ambrosia artemisiifolia</i>  |
| smartweed, Pennsylvania       | <i>Polygonum pennsylvanicum</i> |
| velvetleaf (buttonweed)       | <i>Abutilon theophrasti</i>     |
- Velvetleaf, jimsonweed and cocklebur often germinate in soil at depths below the chemical penetration. Even though populations of these weeds are reduced with preemergence treatments under normal rainfall conditions, weed seeds which germinate outside the chemical zone are not affected. These weeds will be controlled if they are up at time of spraying. Sprouts coming from roots of established perennial weeds such as horsenettle, hedge bindweed, nutsedge, milkweed, dogbane, quackgrass and johnsongrass are not controlled.

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### DIRECTIONS FOR USE ON SOYBEANS

Treat preemergence to early postemergence, do not use twice on the same beans in one season.

#### PREEMERGENCE

Apply at or immediately after planting, but before weeds and beans emerge.

Apply at the rate of 1 1/2 to 2 gallons DYNORAM per broadcast acre. The higher rate should be used on clay loams, clay, or high organic (3 to 8%) mineral soils. Use enough water for good spray coverage, generally 30 to 50 gallons of water per acre.

If sufficient rain does not fall within 7 days after spraying DYNORAM, but there is enough soil moisture to germinate weeds and grasses, a light cultivation with a rotary hoe or similar tool will up-root these small broadleaf weeds and grasses. Shallow mixing of DYNORAM with the surface soil will not interfere with the herbicidal action when rains come.

If heavy rain packs the soil surface, rotary hoe the field to aid bean emergence. Do not disrupt the chemical band with deep cultivation. In light textured sandy soils, heavy rain following application may cause excessive leaching of the chemical, resulting in poorer weed control and possible crop injury.

#### CRACKING TO EARLY POSTEMERGENCE

Spray when soybeans have emerged and are still in the cotyledon stage before the first true leaves expand.

Dosage required varies with maximum air temperature expected during the 24 hour period immediately following spraying. Consult the following table to determine the amount to apply under varying temperature conditions.

Maximum air temperature expected within 24 hours	Pints DYNORAM Per Acre
Below 70°F	12
70°F - 80°F	9
80°F - 90°F	6
Over 90°F	Do Not Apply

Use enough water for good spray coverage, about 30 gallons per acre and 25-50 psi.

Some injury to soybean plants may occur, but yields usually are not reduced. Do not spray if soil is wet.

#### BAND SPRAYING

When band spraying, mount the spray nozzle on the packer or row wheel so that planting and spraying are done in the same operation. Proper calibration and maintenance of desired nozzle height above the ground are very important. Weeds growing in the middles between the treated rows should be cultivated as soon as necessary. Use care while cultivating to avoid throwing fresh soil on treated bands.

### BAND TREATMENTS

Row Width	Band Width	Amounts Recommended per Broadcast Acre			
		6 pints gallons	9 pints gallons	12 pints gallons	16 pints gallons
21 inch	10 inch	2.9	4.8	5.8	7.6
28 inch	12 inch	2.6	3.9	5.2	6.9
	14 inch	3.0	4.5	6.0	8.0
30 inch	12 inch	2.4	3.6	4.8	6.4
	14 inch	3.8	4.2	5.6	7.5
36 inch	12 inch	2.0	3.0	4.0	5.4
	14 inch	2.4	3.5	4.7	6.2
38 inch	12 inch	1.9	2.9	3.8	5.1
	14 inch	2.2	3.3	4.4	5.9
40 inch	12 inch	1.8	2.7	3.6	4.8
	14 inch	2.1	3.2	4.2	5.6

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