

## GENERAL INFORMATION

### AMIBEN<sup>TM</sup> SUPER 6 PREEMERGENCE HERBICIDE HAS MANY DESIRABLE FEATURES:

Outstanding control of annual broadleaf weeds and annual grasses  
Excellent crop tolerance  
No harmful residue in soil—no change in normal crop rotations Completely water soluble easy to mix and handle  
One of the most consistent preemergence weed killers available  
Tested and recommended by state colleges and extension agents

## DIRECTIONS

### SOYBEANS, DRY BEANS (including white, navy, kidney, pinto), PEANUTS (Oklahoma, North Texas), SUNFLOWERS.

Plant and treat in the same operation. Apply at the rate of 1/3 (0.33) to 1/2 (0.5) gallon AMIBEN SUPER 6 Preemergence herbicide (2 to 3 pounds acid equivalent) per broadcast acre. The higher rate should be used on clay loams, clay or mineral soils with 3 to 8% organic matter. Use enough water for good spray coverage.

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.

If sufficient rain does not fall within 7 days after spraying AMIBEN, 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. The shallow mixing of AMIBEN in the surface soil will not interfere with the action of AMIBEN when rains come.

If heavy rain packs the soil surface, rotary hoe in the field to aid bean emergence. Do not disrupt the chemical band with deep cultivation.

For dry beans growing in low rainfall areas, incorporate AMIBEN into the top 1 to 2 inches of soil with a disk or harrow. Plant beans immediately after incorporation.

### PROGRAMMED WEED CONTROL FOR SOYBEANS — Amiben Super 6 applied over preplant Treflan

Amiben may be applied in a band over the soybean row at planting time in fields where Treflan has been applied as a preplant soil incorporated herbicide. Amiben Super 6 may be applied the same day as Treflan up to a maximum of one week after Treflan application. Apply Amiben Super 6 on a band at a rate equivalent to 2-2/3 (2.7) pints (2.0 pounds acid equivalent) per broadcast acre. Refer to Treflan label for use directions, application rates (1 to 2 pints per acre depending on soil texture), method of incorporation and timing for your area. Observe all directions and cautions on the Amiben Super 6 and Treflan labels.

### AMIBEN SUPER 6 AND LOROX 50W TANK MIXTURE FOR SOYBEANS

A tank mixture of Amiben Super 6 and Lorox 50W will control annual weeds such as barnyardgrass, carpetweed, crabgrass, fall panicum, foxtail, lambsquarters, pigweed, ragweed and smartweed. Velvetleaf and cocklebur often germinate in soil at depths below the chemical penetration. Even though populations of these weeds are reduced under normal rainfall conditions, weeds which germinate outside the chemical zone are not affected.

Treatments should be made at planting time as a simple preemergence application using at least 25 gallons of water per acre. Plant seeds at least 1.75 inches deep and do not treat if beans have begun to emerge.

Make all broadcast treatments according to the following table:

Soil Texture	Low Organic Matter (1/2 to 3%)		Moderate Organic Matter (3 to 6%)	
	Lorox (Lbs.)	Amiben Super 6 (Pts.)	Lorox (Lbs.)	Amiben Super 6 (Pts.)
Sandy Loam	2.3 to 1.1	2.0 to 0.67	1.1	2 to 2 (1.5 to 2)
Silt Loam	1 to 1-2/3	1 — 1.67	1-2/3	2 to 2-1/2 (1.67 to 2.5)
Clay Loam	1-1/4 to 2 (1.25-2)	1-2-3 (2.67)	2 to 3	3-1 (3 to 3.3)

For band treatments, use proportionately less Amiben and Lorox. Before applying this tank mixture as a broadcast or band treatment, read thoroughly the cautionary statements and all other information appearing on both product labels.

### CORN

Use only on fine textured soils in Missouri, Minnesota, Iowa, Ohio, Illinois, Kansas, Nebraska and Indiana. If rains and extended cold weather occur after planting, corn injury may result.

Apply 2-2/3 (2.7) pints (2 pounds acid equivalent) of Amiben Super 6 per acre in at least 12 gallons of water. For best results, plant and treat at the same time.

Plant corn at least 2 to 2.5 inches deep. Do not use Amiben Super 6 on corn grown in coarse textured sandy soils.

### AMIBEN SUPER 6 + ATRAZINE 80W TANK MIXTURE

Application: Apply a tank mixture of AMIBEN SUPER 6 + ATRAZINE 80W during or immediately after planting in at least 10 gallons of water per acre. A light incorporation with a rotary hoe or similar equipment may be desirable, especially if there is no rainfall soon after application. Do not use AMIBEN SUPER 6 + ATRAZINE for weed control in crops other than corn. Observe all directions on the ATRAZINE label, especially those relating to crop rotation.

Use only in the states of Missouri, Minnesota, Iowa, Ohio, Illinois, Kansas, Nebraska and Indiana.

Amounts to Use: For silty loam soils apply 1.33 pints of Amiben Super 6 and 1.25 pounds of Atrazine 80W. For finer textured soils, apply 1.33 pints of Amiben Super 6 and 2.5 pounds of Atrazine 80W or 2 pints of Amiben Super 6 and 1.87 pounds of Atrazine 80W (registered trademark of Ciba-Geigy Corp.). This mixture is not recommended for use on very coarse soils such as sands or sandy loams.

### SWEET POTATOES

Apply AMIBEN SUPER 6 Preemergence herbicide at the rate of 5.1 (3.15) pints (4 pounds acid equivalent) per broadcast acre at planting time in at least 10 to 15 gallons of water per acre. For the first few cultivations after treatment, set sweeps so that soil in treated bands is not disturbed. For the final cultivation, set sweeps closer to pull soil as high as possible over the sweet potato row and treated band. For best results, plant and treat at the same time.

### LIMA BEANS — Overall Treatment

Apply 1/3 (0.33) to 2/3 (0.67) gallons of AMIBEN SUPER 6 per broadcast acre (2 to 4 pounds acid equivalent) in at least 10 to 15 gallons of water. Treat at planting time or as soon after planting as possible, before weeds and lima beans emerge.

### BAND TREATMENTS

When band spraying, reduce amount of AMIBEN SUPER 6 applied per acre in proportion to area actually sprayed. Mount band sprayer on planter so that spraying and seeding are applied in the same operation. Make final adjustments on proper nozzle height when actually spraying in the field.

Row Width	Band Width	Pints of Amiben Super 6 per Banded Acre		
		2 lbs./A a e * Pints	2-1/2 lbs./A a e * Pints	3 lbs./A a e * Pints
24 inch	12 inch	1.5	1.6	1.9
28 inch	12 inch	1.2	1.4	1.7
	14 inch	1.4	1.7	2.0
30 inch	12 inch	1.1	1.3	1.6
	14 inch	1.3	1.6	1.9
36 inch	12 inch	.9	1.1	1.4
	14 inch	1.1	1.3	1.6
38 inch	12 inch	.8	1.0	1.3
	14 inch	1.0	1.2	1.5
40 inch	12 inch	.8	1.0	1.2
	14 inch	1.0	1.2	1.4

\*acid equivalent

NOTE: double the 2 lb./A amounts for application at the 4 ft./A rate on sweet potatoes and lima beans.

AMIBEN<sup>TM</sup>

# SUPER 6

## PREEMERGENCE HERBICIDE

Controls Annual Broadleaf Weeds  
and Annual Grasses in Soybeans  
and Other Crops.

**CAUTION:** Keep out of reach of children.

See other cautions on right panel.

### ACTIVE INGREDIENTS:

3-Amino-2,5-dichlorobenzoic acid, monomethylamine salt . . . . . 42.5%  
3-Amino-2,5-dichlorobenzoic acid, ammonium salt . . . . . 14.1%  
Related aminodichlorobenzoic acids, monomethylamine salts . . . . . 4.7%  
Related aminodichlorobenzoic acids, ammonium salts . . . . . 1.6%

INERT INGREDIENTS: . . . . . 37.1%

Total aminodichlorobenzoic acid equivalent, 6 pounds  
per gallon or 55.8% by weight.  
Chloramben acid equivalent 5.4 pounds  
per gallon or 50.2% by weight.  
Related aminodichlorobenzoic acid equivalents 0.6 pounds  
per gallon or 5.6% by weight.



A RORER-AMCHEM COMPANY



## AMCHEM PRODUCTS, INC.

First Name in Herbicide Research

AMBLER, PA ■ Clinton Iowa ■ St Joseph Mo ■ Fremont Calif

EPA Reg. No. 264-266

AMIBENTM

# SUPER 6

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**CAUTION:** Keep out of reach of children.

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**ACTIVE INGREDIENTS:**

- 3-Amino-2,5-dichlorobenzoic acid, monomethylamine salt . . . . . 42.5%
- 3-Amino-2,5-dichlorobenzoic acid, ammonium salt . . . . . 14.1%
- Related aminodichlorobenzoic acids, monomethylamine salts . . . . . 4.7%
- Related aminodichlorobenzoic acids, ammonium salts . . . . . 1.6%

**INERT INGREDIENTS:** . . . . . 37.1%

Total aminodichlorobenzoic acid equivalent, 6 pounds per gallon or 55.8% by weight.

Chloramben acid equivalent 5.4 pounds per gallon or 50.2% by weight.

Related aminodichlorobenzoic acid equivalents 0.6 pounds per gallon or 5.6% by weight.



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**SQUASH AND PUMPKIN — Band Treatment**

Treat at planting time or soon after planting as possible, before weeds and crops emerge. Mount the band sprayer on the planter so that spraying and seeding are carried out in the same operation.

Row Width	Band Width	Pints AMIBEN SUPER 6 Per Banded Acre	
		Coarse Textured Soils	Fine or High Organic Soils
72 inch	14 inch	6	10
	20 inch	11	15
76 inch	14 inch	7	10
	20 inch	11	14
80 inch	14 inch	7	9
	20 inch	10	13

After squash and pumpkins emerge, use normal cultivations to control weeds growing in the untreated strips between the rows.

**SEEDLING ASPARAGUS — Overall Treatment**

Apply 1/2 (0.5) gallon of AMIBEN SUPER 6 per acre (3 pounds acid equivalent), in a minimum of 10 to 15 gallons of water as soon as possible after asparagus seed is planted and before weeds emerge. Irrigation with about 1/2 (0.5) inch of water following applying AMIBEN SUPER 6 is suggested to produce maximum weed control.

**HOW AMIBENTM SUPER 6 WORKS**

AMIBENTM SUPER 6 Preemergence Herbicide is most effective at planting time, when spraying and planting are done in the same operation. Subsequent moisture moves the chemical into the soil where germinating weed seeds take it up and are controlled.

AMIBEN SUPER 6 remains active and effective for several weeks long enough generally for crops to fill middles and shade out late season weed growth.

AMIBEN SUPER 6 controls the following important Annual Grass and Broadleaf Weeds:

- |                               |                          |
|-------------------------------|--------------------------|
| goosegrass (silver crabgrass) | Echinochloa crusgalli    |
| carpetweed                    | Mollugo verticillata     |
| chickweed, annual             | Stellaria media          |
| cockleweed (sesbania)         | Sesbania exaltata        |
| crabgrass, hairy (large)      | Digitaria sanguinalis    |
| crabgrass, smooth             | Digitaria ischaemum      |
| fall panicgrass               | Panicum dichotomiflorum  |
| foxtail, giant                | Setaria faberii          |
| foxtail, green                | Setaria viridis          |
| foxtail, yellow               | Setaria glauca           |
| goosegrass (silver crabgrass) | Elyusine indica          |
| johnsongrass-seedling         | Sorghum halepense        |
| kochia                        | Kochia scoparia          |
| lambsquarters, common         | Chenopodium album        |
| mustard, wild                 | Brassica kaber           |
| nightsshade, black            | Solanum nigrum           |
| pigweeds                      | Amaranthus sp            |
| prickly sida (teawood)        | Sida spinosa             |
| purslane (pusley)             | Portulaca oleracea       |
| ragweed, common               | Ambrosia artemisiifolia  |
| Russian thistle               | Salsola kali             |
| smartweed, Pennsylvania       | Polygonum pennsylvanicum |
| spurge, annual                | Euphorbia maculata       |
| stinkgrass                    | Eragrostis cilianensis   |
| velvetleaf (buttonweed)       | Abutilon theophrasti     |

Velvetleaf, jimsonweed, buffalobur, wild oats and cocklebur often germinate in soil at depths below the chemical penetration. Even though populations of these weeds are reduced under normal rainfall conditions, weed seeds which germinate outside the chemical zone are not affected.

Sprouts coming from roots of established perennial weeds such as horse-nettle, hedge bindweed, nutsedge, nutgrass, milkweed, dogbane, quackgrass and johnsongrass are not controlled.

For control of cocklebur and suppression of annual morning glory, follow AMIBEN SUPER 6 treatment with an early directed postemergence application of BUTYRAC 200 on soybeans. For soybeans apply 7 to 9 pints of BUTYRAC 200 per acre. For peanuts apply 8 to 16 pints of BUTYRAC 200 per acre. Before making this treatment, read thoroughly all directions and cautions on the BUTYRAC 200 label.

### CAUTION

Harmful if swallowed. Avoid contact with skin, eyes or clothing.

Clean sprayers thoroughly before using to apply AMIBEN SUPER 6. To clean sprayer after using AMIBEN SUPER 6, rinse all parts of sprayer with water several times.

Avoid spray drift to adjacent crops as injury may result. Coarse sprays are less likely to drift. Do not store near fertilizers, seeds, insecticides, or fungicides.

Do not graze treated fields of sunflowers or use these plants as livestock feeds.

Do not contaminate water used for irrigation or domestic purposes by cleaning of equipment, or disposal of waste.

Do not reuse empty container. Wash thoroughly with water and detergent. Dispose of rinsings and containers in a safe place not accessible to children, wildlife or livestock.

Do not use this product for purposes other than those recommended.