

**GENERAL INFORMATION**

AMIBEN® CHLORAMBEN 10G 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. One of the most consistent preemergence weed killers available. Tested and recommended by state colleges and extension agents. Proven effective on millions of acres of soybeans.

**HOW AMIBEN® CHLORAMBEN 10G PREEMERGENCE HERBICIDE WORKS**

AMIBEN 10G is most effective applied at planting time, when spreading 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 10G remains active and effective for several weeks—long enough generally for crops to fill middles and shade out late season weed growth.

AMIBEN 10G controls the following important Annual Grass and Broadleaf Weeds:

- |                               |                                 |
|-------------------------------|---------------------------------|
| barnyardgrass (water grass)   | <i>Echinochloa crusgali</i>     |
| carpetweed                    | <i>Mollugo verticillata</i>     |
| chickweed, annual             | <i>Stellaria media</i>          |
| coffee-weed (sesbania)        | <i>Sesbania exaltata</i>        |
| crabgrass, hairy (large)      | <i>Digitaria sanguinalis</i>    |
| crabgrass, smooth             | <i>Digitaria ischaemum</i>      |
| fall panicgrass               | <i>Panicum dichotomiflorum</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>          |
| johnsongrass-seedling         | <i>Sorghum halepense</i>        |
| kochia                        | <i>Kochia scoparia</i>          |
| tambourine, common            | <i>Chenopodium album</i>        |
| mustard, wild                 | <i>Brassica kaber</i>           |
| nightshade, black             | <i>Solanum nigrum</i>           |
| pigweeds                      | <i>Amaranthus</i>               |
| prickly sida (leaweed)        | <i>Sida spinosa</i>             |
| purslane (pusley)             | <i>Portulaca oleracea</i>       |
| ragweed, common               | <i>Ambrosia artemisiifolia</i>  |
| Russian thistle               | <i>Salsola kali</i>             |
| smartweed, Pennsylvania       | <i>Polygonum pennsylvanicum</i> |
| stinkgrass                    | <i>Eragrostis ciliaris</i>      |
| velvetleaf (buttonweed)       | <i>Abutilon theophrasti</i>     |

Velvetleaf, jimson weed, 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.

Where cocklebur is a major problem in soybeans, use BUTYRAC® 200 postemergence.

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

# AMIBEN®

## Chloramben 10G

### Preemergence Herbicide

Controls annual broadleaf weeds and annual grasses in soybeans and other crops.

**ACTIVE INGREDIENTS:**

Sodium Salt of Chloramben ..... 9.9%  
(3-amino, 2,5-dichlorobenzoic acid)\*

**INERT INGREDIENTS: ..... 90.1%**

\*Chloramben Acid Equivalent 9.0% by Weight

**ACCEPTED**  
MAR 2 0 1981  
Under the Federal Insecticide, Fungicide and Rodenticide Act, as amended for the pesticide registered under EPA Reg. No. 264-344

KEEP OUT OF REACH OF CHILDREN  
**CAUTION**  
SEE OTHER PRECAUTIONS ON BACK PANEL

MADE IN U.S.A.

**UNION CARBIDE AGRICULTURAL PRODUCTS COMPANY, INC.**

AMBLER, PA. 19002  
Clinton, IA. ■ St. Joseph, MO.

EPA REG. NO. 264-344

EPA EST. NO. 264-IA-1

In case of Emergency phone collect (24 hours a day) in U.S.A. (304) 744-3487.

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**DIRECTIONS**

**SOYBEANS, DRY BEANS** (including white, navy, kidney, pinto, lima)

**PEANUTS** (Oklahoma, North Texas)

**SUNFLOWERS**

Plant and treat the same operation. Apply at the rate of 20 to 30 pounds AMIBEN 10G (1.8 to 2.7 pounds acid equivalent) per broadcast acre. The higher rate should be used on clay loams, clay, or high organic (3 to 8%) mineral soils.

**When Band Applying:**

Mount the spreader on the packer or row wheel so that planting and spreading are done in the same operation. Proper calibration and maintenance of desired spreader 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 3 to 4 days after spreading AMIBEN 10G granular but there is enough soil moisture to germinate weeds and grasses, a light cultivation with a rotary hoe or similar tool will up-mot these small broadleaf weeds and grasses. The shallow mixing of AMIBEN 10G in the surface soil will not interfere with the action of AMIBEN 10G 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. For dry beans grown in low rainfall areas, incorporate AMIBEN 10G into the top 1 to 2 inches of soil with a disk or harrow. Plant beans immediately after incorporation.

AMIBEN 10G split application to soybeans: Apply 15 pounds of AMIBEN 10G per acre as a broadcast treatment just prior to planting. Incorporate AMIBEN 10G by shallow cultivation. The same day, if possible, plant beans and apply AMIBEN 10G in a band over the row at a rate equivalent to 10 to 15 pounds AMIBEN 10G per broadcast acre.

**PROGRAMMED WEED CONTROL FOR SOYBEANS—**

AMIBEN 10G applied over preplant TREFLAN. AMIBEN 10G may be applied in a band over the soybean row at planting time in fields where it has been applied as a preplant soil incorporated herbicide. Apply AMIBEN on a band at a rate equivalent to 20 pounds (1.8 pounds chloramben) per broadcast acre. Refer to label for exact directions for rate of application, method of incorporation and timing for your area. Observe all directions and cautions on the AMIBEN label.

**CORN**

Use only on heavy soils in Missouri, Minnesota, Iowa, Ohio, Illinois, Kansas, Nebraska and Indiana. If rains and extended cold weather occur after planting, corn injury may result. Plant corn at least 2 to 2½ inches deep. Do not use AMIBEN 10G on corn grown in light textured sandy soils. Apply 20 pounds (1.8 pounds acid equivalent) of AMIBEN 10G per acre. For best results, plant and treat at the same time.

**SWEET POTATOES**

Apply AMIBEN 10G at the rate of 40 pounds (3.6 pounds acid equivalent) per broadcast acre at planting time. 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 high as possible over the sweet potato row.

**ESTABLISHED TOMATOES AND PEPPERS** (from transplants or seed)

Use 30 to 40 pounds AMIBEN 10G per acre as an overall treatment. Apply AMIBEN 10G once during the season, using the rate and timing recommended in your area. Apply when tomato and pepper foliage is dry.

**Times to Apply (use only one)**

**A. Soon after transplanting**

On medium to heavy soils, apply AMIBEN 10G after plants are established (recovered from wilting that follows transplanting). Do not use AMIBEN 10G at this time for tomatoes or peppers growing on light sandy soil as injury may result.

**B. Four weeks after transplanting**

**OR**  
**C. At Lay-by (seeded or transplanted)**  
On light textured sandy soils, or on medium to heavy soils, cultivate or hoe to control weeds after transplanting. Apply AMIBEN 10G immediately after the last cultivation and before weeds emerge. Weeds in the crop row should be removed prior to application.

**SEEDED SQUASH AND PUMPKIN—Band Treatments**

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

**Pounds AMIBEN 10G per banded acre**

Row Width	Band Width	@ 2.7 lbs./A		@ 3.6 lbs./A Heavy or High Organic Soils	
		Light Soils	High Organic Soils	Light Soils	High Organic Soils
72 inch	14 width	5.9 lbs.	7.8 lbs.		
78 inch	14 width	5.6 lbs.	7.4 lbs.		
80 inch	14 width	5.3 lbs.	7.0 lbs.		

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

**LIMA BEANS—Overall Treatment**

Apply 20 to 40 pounds of AMIBEN 10G (1.8 to 3.6 pounds acid equivalent) Treat at planting time or as soon after planting as possible, before weeds and lima beans emerge.

**SEEDLING ASPARAGUS—Overall Treatment**

Apply 30 pounds of AMIBEN 10G per acre (2.7 pounds acid equivalent) as soon as possible after asparagus is planted and before seeds emerge. Irrigation with ½ inch of water following application is suggested to produce maximum weed control.

**BAND TREATMENTS**

**Pounds AMIBEN CHLORAMBEN 10G PREEMERGENCE HERBICIDE Per Banded Acre**

Row Width	Band Width	@ 1.8 lb./A	@ 2.25 lb./A	@ 2.7 lb./A	@ 3.6 lb./A
21 in.	10 in.	9 lbs. 8 oz.	11 lbs. 14 oz.	14 lbs. 5 oz.	19 lbs.
	12 in.	8 lbs. 10 oz.	10 lbs. 11 oz.	12 lbs. 14 oz.	17 lbs. 2 oz.
28 in.	14 in.	10 lbs.	12 lbs. 8 oz.	15 lbs.	20 lbs.
	12 in.	8 lbs.	10 lbs.	12 lbs.	16 lbs.
30 in.	14 in.	9 lbs. 5 oz.	11 lbs. 11 oz.	14 lbs.	18 lbs. 11 oz.
	12 in.	6 lbs. 11 oz.	8 lbs. 5 oz.	10 lbs.	13 lbs. 5 oz.
36 in.	14 in.	7 lbs. 13 oz.	9 lbs. 11 oz.	11 lbs. 11 oz.	15 lbs. 10 oz.
	12 in.	6 lbs. 5 oz.	7 lbs. 14 oz.	9 lbs. 8 oz.	12 lbs. 10 oz.
38 in.	14 in.	7 lbs. 6 oz.	9 lbs. 3 oz.	11 lbs.	14 lbs. 11 oz.
	12 in.	6 lbs.	7 lbs. 8 oz.	9 lbs.	12 lbs.
40 in.	14 in.	7 lbs.	8 lbs. 13 oz.	10 lbs. 8 oz.	14 lbs.

**PRECAUTIONARY STATEMENTS**

**CAUTION**

**HAZARD TO HUMANS AND DOMESTIC ANIMALS**

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

**STATEMENT OF PRACTICAL TREATMENT**

In case of eye contact, rinse thoroughly with water and get medical attention.

In case of skin contact, wash immediately with soap and water and remove contaminated clothing.

**ENVIRONMENTAL HAZARDS**

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

**DIRECTIONS FOR USE**

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

Thoroughly clean hoppers and hoses of granular applicators before using to apply AMIBEN CHLORAMBEN 10G PREEMERGENCE HERBICIDE.

Do not graze treated field or sunflowers or use these plants as livestock feed.

**STORAGE AND DISPOSAL**

Do not store near fertilizers, seed, insecticides or fungicides. Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

Pesticide that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies.

**CONTAINER DISPOSAL**

Do not reuse empty container. Dispose of container in an incinerator or landfill approved for pesticide containers, or bury in a safe place not accessible to children, wildlife, or livestock.

Consult federal, state or local disposal authorities for approved alternative procedures such as limited open burning.

**LIMITED WARRANTY AND DISCLAIMER**

The manufacturer warrants (a) that this product conforms to the chemical description on the label, (b) that this product is reasonably fit for the purposes set forth in the directions for use when it is used in accordance with such directions, and (c) that the directions, warnings and other statements on this label are based upon responsible experts' evaluation of reasonable tests of effectiveness of toxicity to laboratory animals and to plants, and of residues on food crops, and upon reports of field experience. Tests have not been made on all varieties or in all states or under all conditions. THE MANUFACTURER NEITHER MAKES NOR INTENDS NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

This warranty does not extend to, and the Buyer shall be solely responsible for, any and all loss or damage which results from the use of this product in any manner which is inconsistent with the label directions, warnings or cautions.

BUYER'S EXCLUSIVE REMEDY AND MANUFACTURER'S OR SELLER'S EXCLUSIVE LIABILITY FOR ANY AND ALL CLAIMS, LOSSES, DAMAGES, OR INJURIES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER OR NOT BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHERWISE, SHALL BE LIMITED, AT THE MANUFACTURER'S OPTION, TO REPLACEMENT OF OR THE REPAYMENT OF THE PURCHASE PRICE FOR THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. IN NO EVENT SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

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