

PM-25 264-138 P. 469
AMIBEN®
Chloramben Herbicide

ACCEPTED
SEP 10 1987
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under
EPA Reg. No. 264-138

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

ACTIVE INGREDIENTS:

Ammonium salt of chloramben
(3-amino-2,5-dichlorobenzoic acid)* 21.1%
Ammonium salts or related aminodichlorobenzoic acids* 2.3%

INERT INGREDIENTS 76.6%

*Total aminodichlorobenzoic acids 21.6% by weight or 2 pounds per gallon.

Chloramben acid equivalent: 19.5% by weight or 1.8 pounds per gallon.

Related aminodichlorobenzoic acid equivalents 2.1% by weight or 0.2 pounds per
gallon.

E.P.A. Reg. No. 264-138AA

E.P.A. Est. No. 264-IA-01

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

PRECAUTIONARY STATEMENTS : See attached booklet

**IN CASE OF EMERGENCY TELEPHONE (24 HOURS A DAY) IN U.S.A.
1-800-UCC-HELP
FOR GENERAL PRODUCT INFORMATION CALL 1-800-334-9745**

**UNION CARBIDE AGRICULTURAL PRODUCTS COMPANY, INC.
P.O. Box 12014, T.W. Alexander Drive
Research Triangle Park, NC 27709**

CONTENTS 12 LBS.

p. 2/65

AMIBEN® CHLORAMBEN HERBICIDE

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

"

Outstanding control of annual broadleaf weeds and grasses.

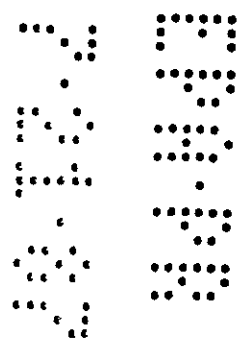
Excellent crop tolerance.

No harmful residue in soil - no changes in normal crop rotations. Completely water soluble...easy to mix and handle.

One of the most consistent preemergence herbicides available.

Tested and recommended by state colleges and extension agents.

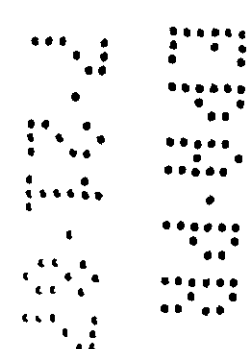
Proven effective on millions of acres of soybeans.



P. 3/65

TABLE OF CONTENTS

<u>CROPS</u>	<u>Page</u>
Asparagus, seedling	59
Cantaloupe	62
Corn	63
Cucumbers	62
Drybeans (White, Navy, Kidney, Pinto, Lima, Adzuki)	43
AMIBEN® preemergence or preplant incorporated	43
AMIBEN® plus Treflan	44
AMIBEN® plus Eptam	45
AMIBEN® plus Eptam plus Treflan	45-46
AMIBEN® plus Sonalan	46-47
AMIBEN® plus Prowl	47-48
AMIBEN® plus Prowl plus Eptam	48-49
AMIBEN® plus Dual	49-50
AMIBEN® plus Lasso	51
Lima beans	59
Peanuts	57
AMIBEN® at cracking	5/
AMIBEN® in Texas and Oklahoma 57	
Pumpkin	58
Snapbeans	60
AMIBEN® preemergence	60
AMIBEN® plus Dual	60
Soybeans	10
AMIBEN® preemergence or preplant incorporated	10
AMIBEN® delayed preemergence	11
AMIBEN® plus Command	11
AMIBEN® plus Lasso	11-12
AMIBEN® plus Lasso plus Sencor or Lexone	12-15
AMIBEN® plus Lasso plus Lorox	15-17
AMIBEN® plus Dual	17-18
AMIBEN® plus Dual plus Sencor or Lexone	18-20
AMIBEN® plus Dual plus Lorox	20-23
AMIBEN® plus Treflan	23
AMIBEN® plus Treflan plus Sencor or Lexone	23-26
AMIBEN® plus Sonalan	26-28



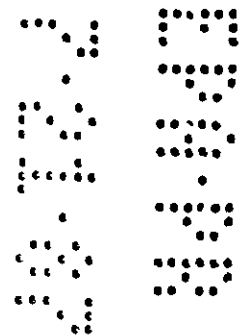
AMIBEN® plus Prowl	26
AMIBEN® plus Prowl plus Sencor or Lexone 28-30	
AMIBEN® plus Sencor or Lexone	30-32
AMIBEN® plus Lorox	32
AMIBEN® plus Basalin	33
AMIBEN® plus Basalin plus Sencor or Lexone	33-36
AMIBEN® plus Reward	36-37
AMIBEN® plus Surflan 37-38	
<u>CROPS</u>	

TABLE OF CONTENTS (CONTINUED)
Page

AMIBEN® Programmed Control	
Wild Proso Millet	39
Soybeans - Postemergence	39
AMIBEN® plus Crop Oil	40
AMIBEN® and Cultivation	40
AMIBEN® plus Blazer	41
AMIBEN® plus BUTYRAC® 200	42
AMIBEN® plus Alanap	42
Squash	58
Sunflowers	52
AMIBEN® preemergence or preplant incorporated	52
AMIBEN® plus Prowl	53
AMIBEN® plus Treflan	54
AMIBEN® plus Eptam	55
AMIBEN® plus Lasso	56
Sweet Potatoes	58
Tomatoes	61

OTHER

Cautions	63
Conservation or Reduced Tillage	9
Directions for Incorporation	7
Fluid Fertilizer Combinations	9
General Information	6
Irrigation System Injection	8
Limited Warranty and Disclaimer	65
Mixing Instructions	8



Only the following recommendations referenced in this label are registered for use in California.

<u>CROPS</u>	<u>PAGE</u>
Asparagus, seedling	59
Drybeans (White, Navy, Kidney, Pinto)	43
Lima beans	59
Pumpkin	58
Squash	58
Sunflowers	52
Sweet Potatoes	58
Soybeans	10
AMIBEN® with fertilizer	9
AMIBEN® preemergence on preplant incorporated	10
AMIBEN® delayed preemergence	11
AMIBEN® plus Lasso	11
AMIBEN® plus Treflan	23
AMIBEN® plus Lorox	32
AMIBEN® plus Prowl	26
AMIBEN® plus Premerge 3	38

AMIBEN® is not registered for control of Venice mallow (Hibiscus trionum) in California.

GENERAL INFORMATION

AMIBEN® Chloramben Herbicide is effective applied preplant incorporated, preemergence and early postemergence. When used preemergence it is most effective when applied the same day as planting. Rain, irrigation, water, or mechanical incorporation moves AMIBEN® into the soil where weed seeds sprout.

Uniform spray application over the soil surface is important. About 10-20 gallons of water or sprayable fluid fertilizer for ground and about 3-5 gallons for air application is enough spray solution for good coverage. See specific sections of this label for any special spray volume requirements.

AMIBEN® Herbicide remains active and effective for several weeks...long enough generally for crops to fill middles and shade out the late season weed growth. Moisture is necessary to move AMIBEN® chloramben herbicide into the soil zone where weed seeds germinate. On coarse and medium soils one third inch of rainfall or overhead irrigation is sufficient to move AMIBEN™ herbicide into the seed germination zone. On fine soils one half inch of rainfall or overhead irrigation is needed. Moisture must be received within 5 days after application and prior to weed emergence. High intensity or excessive rainfall or excessive irrigation after application may reduce control by moving the product below the weed seed germination zone.

In coarse textured soils with less than 1% organic matter heavy rains may move AMIBEN® Herbicide below the weed seed germination zone and produce erratic weed control. Weed control may be reduced on peat or muck soils (over 8% organic matter.)

AMIBEN® controls the following important Annual Grass and Broadleaf Weeds:

barnyardgrass (water grass)	<u>Echinochloa crusgalli</u>
carpetweed	<u>Mullugo verticillata</u>
chickweed, annual	<u>Stellaria media</u>
chickweed, mouseear	<u>Stellaria media</u>
coffeeweed (sesbania)	<u>Sesbania exaltata</u>
corn spurry	<u>Spergola arvensis</u>
crabgrass, hairy (large)	<u>Digitaria sanguinalis</u>
crabgrass, smooth	<u>Digitaria ischaemum</u>
fall panicgrass	<u>Panicum dichotomiflorum</u>
Florida beggarweed	<u>Desmodium tortuosum</u>
foxtail, giant	<u>Setaria faberii</u>
foxtail, green	<u>Setaria viridis</u>
foxtail, yellow	<u>Setaria glauca</u>
goosegrass (silver crabgrass)	<u>Eleusine indica</u>
groundsel	<u>Senecio vulgaris</u>
johnsongrass-seedling	<u>Sorghum halepense</u>
kochia	<u>Kochia scoparia</u>
lambsquarters, common	<u>Chenopodium album</u>
lovegrass, mediterranean	<u>Eragrostis Barrelieri</u>
mustard, wild	<u>Brassica kaber</u>
nightshade, black	<u>Solanum nigrum</u>
nightshade, Eastern black	<u>Solanum ptycanthum</u>
nightshade, hairy	<u>Solanum sarachoides</u>

pigweed, prostrate
Amaranthus hybridus
 pigweed, redroot
 prickly sida (teaweed)
 puncturevine
 purslane (pusley)
 ragweed, common
 Russian thistle
 shepherds purse
 smartweed, Pennsylvania
 sowthistle, annual
 spurge, annual
 stinkgrass
 tall waterhemp
 velvetleaf (buttonweed)
 Venice mallow
 (old proso millet

Amaranthus biltoides pigweed, smooth
Amaranthus rétroflexus
Sida spinosa
Tribulus terrestris
Portulaca oleracea
Ambrosia artemisiifolia
Salsola kali
Capsella bursa-pastoris
Polygonum pennsylvanicum
Sonchus oleraceus
Euphorbia maculata
Eragrostis ciliaris
Amaranthus tuberculatos
Abutilon theophrasti
Hibiscus trionum
Panicum miliaceum

Band application of AMIBEN® may be made for broadleaf weed control over the top of preplant soil incorporated grass killers.

Deep germinating annual weeds and sprouts from established perennial weeds are not controlled. Sprouts coming from roots of established perennial weeds such as horsenettle, hedge bindweed, nutsedge (nutgrass), milkweed, dogbane, quackgrass, and johnsongrass are not controlled by any selective, surface preemergence chemical treatment including AMIBEN®.

DIRECTIONS FOR INCORPORATION OF AMIBEN®

AMIBEN® Herbicide applied alone, and several AMIBEN® tank mixtures as specified in the crops section of this label, may be incorporated into the top 1 to 3 inches of the final seedbed before planting. When preplant incorporation is recommended in the crops section of this label the following equipment and operating procedures should be used. Be sure to use machinery that mixes AMIBEN® thoroughly with the soil. Incorporation with implements set to cut less than 2 inches deep may result in erratic weed control.

Recommended Equipment Includes:

1. Two passes with a disc set to cut 4 inches deep at 4 to 6 mph with the second pass running at an angle to the first. A tandem or double-disc operated one time does not provide adequate incorporation.
2. One pass with a field cultivator set to cut 3 to 4 inches deep and operated at 6 mph or more. The field cultivator should have 3 to 4 rows of sweeps, spaced at intervals of 7 inches or less and staggered so that no soil is left unturned. Chisel points should not be used. The field cultivator used alone or in combination with the double-disc will provide effective incorporation. If used in combination with a double-disc the spray boom should be mounted behind the disc blades but ahead of the cultivator sweeps.
3. One pass with a rolling cultivator set to cut 2 to 3 inches deep and operated at 6 to 8 mph. Rolling cultivators are adequate for use on

p. 8/65

coarse and medium textured soils only. 4. One pass with a mulch treader or other similar disc type implement set to cut 2 to 3 inches deep and operated at 5 to 8 MPH.

5. PTO-driven equipment (tillers, cultivators, hoes) set to cut 2 to 3 inches deep with rotors spaced to provide a clean sweep of the soil operated one time. PTO-driven equipment should not be operated at a speed greater than 4 mph.

MIXING INSTRUCTIONS

AMIBEN® in water or fluid fertilizer: first fill the spray tank 1/4 to 1/2 full with clean water. Start agitation and add AMIBEN® while adding the remaining required water or fluid fertilizer.

AMIBEN® Plus Emulsifiable Concentrates in Water: first fill tank 1/4 to 1/2 full with clean water, start agitation and add AMIBEN®. Mix thoroughly and add water until tank is 3/4 full, continue agitation and add the emulsifiable concentrate material. Fill tank with remaining required water and continue agitation during spraying until tank is empty. Agitation should sweep bottom contents of the tank up into the main body of the spray mixture for thorough mixing. If a compatibility agent is required it should be thoroughly mixed with the water before adding the emulsifiable concentrate. To prevent foaming, avoid stirring or splashing air into the mixture by placing the end of the fill pipe below the surface of the water in the spray tank.

AMIBEN® Plus Wettable Powders or Flowables: Fill tank 1/2 full with clean water, start sprayer agitation and add the recommended amount of the flowable or wettable powder. Mix thoroughly and add AMIBEN® while filling tank with remaining required water. Continue agitation during entire spraying operation until tank has been emptied. Agitation should sweep bottom contents of the tank up into the main body of the spray mixture for thorough mixing and uniform suspension.

DIRECTIONS FOR USING AMIBEN® THROUGH OVERHEAD IRRIGATION SYSTEMS

AMIBEN® may be applied as a preemergence treatment in irrigation water alone, or in tank mixtures with any of the other herbicides on this label which are registered for center pivot or overhead irrigation application. Use the broadcast rates per acre for each product as specified elsewhere on this label for each of the tank mixtures, and follow all use precautions below and on respective labels for any other products applied in this manner. Use only through automated (center pivot or continuous lateral move) equipment which is properly maintained and operated to apply water uniformly.

DIRECTIONS FOR USE:

Remove scale, pesticide residues and other foreign matter from the chemical tank and the entire injector system. Flush with clean water. In the chemical tank prepare a mixture with a minimum of 1 part of water to 1 part of herbicide(s). Maintain continuous agitation in the chemical tank while injecting into the irrigation system with a positive displacement pump. Injecting a larger volume of a more dilute mixture will usually provide more accurate calibration of metering equipment.

P. 7/6

Set sprinkler to deliver 0.5 inch or less of water per acre. Application of more than 0.5 inch of water per acre may reduce weed control by moving the herbicide below the weed germination zone.

USER PRECAUTIONS:

Apply AMIBEN® only through systems containing antisiphon and check valves and having interlocking controls between the metering device and the water pump to insure their simultaneous shutoff to prevent water source contamination and overflow of the mixing tank.

To insure adequate mixing inject the chemical into the main line at least 8 feet ahead of a right angle turn.

Do not apply when conditions favor drift, such as from windy conditions, or when system joints and connections are leaking, or when nozzles do not provide uniform distribution, as crop injury may result.

Where sprinkler distribution patterns do not overlap sufficiently, unacceptable weed control may result. Where sprinkler distribution patterns overlap excessively, crop injury may result.

DIRECTION FOR USING AMIBEN® IN CONSERVATION OR REDUCED TILLAGE SYSTEMS

When applied as directed below, AMIBEN® tank mixtures will control many emerged annual weeds, suppress many emerged perennial weeds and will give preemergence control of many annual grasses and broadleaf weeds in conservation tillage or reduced tillage systems.

When used in tillage systems with practices which eliminate all existing vegetation before planting, AMIBEN® may be used alone or in tank mixture with any of the other products on this label which are labeled for use in reduced tillage operations. AMIBEN® and AMIBEN® combinations with other preemergence or preplant incorporated herbicides will not control emerged weeds. The presence of previous crop residue (trash) which is uniformly distributed on the soil surface will not affect the performance of AMIBEN®, providing sufficient rainfall (0.375 to 0.5 inch) is received before weeds begin to germinate. IF WEEDS HAVE BEGUN TO EMERGE AT TIME OF APPLICATION FOLLOW THE DIRECTIONS BELOW.

When used in tillage systems where emerged weeds are present at planting, either Roundup, or Paraquat plus Ortho X-77 spreader should be added to the AMIBEN® tank mixture. Refer to the respective Roundup, Paraquat and Ortho X-77 labels for crops labeled, weeds controlled, use rates, and specific precautions to be taken. Use a minimum of 15 to 40 gallons of water per acre and apply the tank mixture during or after planting, but BEFORE CROP EMERGENCE. As density of stubble, crop residue or weeds increase, spray gallonage and rate should be increased, within recommended ranges, to assure good coverage.

MIXING INSTRUCTIONS FOR USE OF AMIBEN® WITH SPRAYABLE FLUID FERTILIZERS.

In most cases, AMIBEN® Chloramben Herbicide can be mixed and applied with liquid nitrogen, blended clear liquids, or suspension type fertilizers.

Be sure the spray tank is clean and uncontaminated. First fill the spray tank 1/4 to 1/2 full with clean water. Start agitation and add AMIBEN® Chloramben Herbicide. Add required fluid fertilizer and water to fill tank. After the tank is full, no further agitation is necessary.

The compatibility of tank mixtures of AMIBEN® with other herbicides in combination with liquid fertilizers should be evaluated on a small scale before mixing spray tank quantities. Do not use fertilizer mixes with combinations of AMIBEN® and Premerge 3.

DIRECTIONS FOR USE ON SOYBEANS

AMIBEN® PREEMERGENCE OR PREPLANT INCORPORATED

AMIBEN® Chloramben Herbicide may be used as a preemergence or preplant incorporated herbicide. AMIBEN® may be applied and incorporated at planting or several days prior to planting. Uneven spray application or improper soil incorporation of AMIBEN® can produce erratic weed control. Incorporate chemical in the top 0 to 2 inch level as most weeds sprout in this zone. Refer to the "Directions for Incorporation" section of this label for approved incorporation equipment and operating procedures.

In coarse textured soils heavy rains on incorporated AMIBEN® Herbicide may move it below the weed seed germination zone and produce erratic weed control.

Make all broadcast treatments according to the following table

Soil Texture	AMIBEN® Qts/A
Loamy sand, sandy loam	4 to 5
Loam, silt loam, silt	5 to 6
Silty clay loam, silty clay, sandy clay, clay loam, clay	6

Use the higher rate of AMIBEN® when heavy populations of black nightshade, velvetleaf, wild mustard, common ragweed or Pennsylvania smartweed are expected. To insure good spray coverage use 10 to 20 gallons of water per acre with ground equipment or a minimum of 5 gallons of water per acre by aircraft.

When band spraying, mount the spray nozzle on the last 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.

P. 1/63

If sufficient rain does not fall within 5 days after spraying AMIBEN® Herbicide, 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 the field to aid bean emergence. Do not disrupt the chemical band with deep cultivation.

"AMIBEN®" AND "COMMAND" FOR SOYBEANS

A tank mixture of AMIBEN® chloramben herbicide and Command 4 EC may be applied as a shallow (1-2 inch) preplant incorporated broadcast tank mix prior to planting, or AMIBEN® herbicide may be applied as a preemergence overlay treatment following a preplant incorporated application of Command 4 EC.

When applied according to directions given below the tank mixture or the sequential treatment of Command 4 EC and AMIBEN® will control all weeds listed on the respective labels for AMIBEN® and for Command 4 EC including velvetleaf, annual nightshades, Jimsonweed, Common Ragweed, Pennsylvania smartweed, barnyardgrass and foxtails.

Apply AMIBEN® at the rate of 3 to 4 quarts per broadcast acre. Use the higher rate of AMIBEN® on finer soils or when heavy populations of pigweed, annual nightshade, ragweed, smartweed, barnyardgrass or foxtail are expected. Use the higher rate of Command 4 EC on finer soils or when heavy populations of velvetleaf, jimsonweed or ragweed are expected.

When applying mixtures of AMIBEN® Chloramben Herbicide plus Command, observe all cautions and limitations appearing on the labels for each of the products. Observe application precautions, rotational crop/grazing and feeding restrictions and replanting instructions on the Command 4 EC label.

SPECIAL PRECAUTION

Off-site movement of spray drift or vapors of Command herbicide can cause foliar whitening or yellowing of some plants. Prior to making applications, read and strictly follow all precautions and application instructions on the Command 4 EC label.

"AMIBEN®" AND "LASSO" FOR SOYBEANS

A tank mixture of AMIBEN® Chloramben Herbicide and Lasso may be applied as a preplant soil incorporated herbicide treatment. AMIBEN® Herbicide may be applied as a preemergence broadcast tank mix treatment with Lasso at time of planting. Following a preplant soil incorporated application of Lasso, AMIBEN® may be applied preemergence at time of planting.

A tank mixture or the sequential treatment of AMIBEN® Herbicide and Lasso will control the following annual weeds: barnyardgrass, crabgrass, foxtail (green, yellow, giant), fall panicum, lambsquarters, pigweed, smartweed, ragweed, black nightshade, velvetleaf and wild mustard, as well as all other weeds listed on the AMIBEN® and Lasso labels. For uniform application of the tank mixture of AMIBEN® Herbicide and Lasso use 10 to 20 gallons of water per acre for ground application. To prepare the tank mixture refer to the "Mixing Instructions" portion of this label. DO NOT mix AMIBEN® Herbicide and Lasso concentrates before the addition of water as an emulsion will not be formed.

Apply AMIBEN® and Lasso preplant incorporated or preemergence using the appropriate rates from the table below. For preplant incorporated treatments apply the tank mixture to the soil and incorporate into the top two inches of soil as directed in the "Directions for Incorporation" portion of this label. For preemergence treatments, apply the tank mixture during planting (behind the planter). For sequential applications apply Lasso alone preplant incorporated as specified on the Lasso label. Follow with a preemergence application of AMIBEN® Herbicide during planting (behind the planter).

With preemergence treatments rain is necessary to move the chemicals into the soil and make them available to control germinating weed seeds. If no rainfall occurs within 5 days following application, a shallow incorporation no deeper than 2 inches is recommended. High intensity or excessive rainfall after application may reduce control.

Make all broadcast treatments according to the following table:

Soil Texture	AMIBEN® Qts/A	Lasso Qts/A
loamy sand, sandy loam	4	1.5 to 2.0
Loam, silt loam, silt	4 to 5	2.0 to 2.5
Silty clay loam, silty clay, sandy clay, clay loam, clay	5 to 6	2.5 to 3.0

Use the higher rate of AMIBEN® when heavy populations of black nightshade, velvetleaf, mustard or smartweed are expected. Use the higher rate of Lasso when treatment is incorporated or when high populations of black nightshade, witchgrass or foxtail are expected.

For band treatments divide the band width by the row width and multiply by the appropriate rates indicated above to determine the amount of chemical to use per acre.

Read thoroughly the cautionary statements and all other information appearing on labels for both Lasso and AMIBEN®.

"AMIBEN®" TANK MIXTURE WITH "LASSO" AND "SENCOR" OR "LEXONE" FOR SOYBEANS

GENERAL INFORMATION

A tank mixture of AMIBEN® Chloramben Herbicide plus Lasso plus Sencor or Lexone when applied in accordance with the following directions, either preplant soil incorporated or preemergence, effectively controls most weeds listed on the current AMIBEN®, Lasso, and Lexone WP/4L/DF or Sencor WP/4/DF labels. DIRECTIONS FOR USE

Except as directed in the "Conservation or Reduced Tillage" portion of this label, the seedbed should be free of existing weeds before application. Surface trash (plant residue from previous crop) should be uniformly distributed, and the seedbed should be free of clods. The tank mixture should be applied in from 10 to 20 gallons of water per acre using any properly calibrated low pressure sprayer equipped with herbicide tips and in-line strained screens no finer than 50 mesh. To prepare the tank mixture refer to the "Mixing Instructions" portion of this label. Apply the entire contents of the spray tank within 4 hours of initial mixing.

Preplant Soil Incorporated Use:

Incorporation should place the AMIBEN® Herbicide plus Lasso plus Sencor or Lexone into the top 1 to 3 inches of the final seedbed. Refer to the "Directions for Incorporation" portion of this label for recommended incorporation equipment and operating procedures.

Apply the tank mixture using the table below to determine the proper rate of each chemical for your soil type.

Preemergence Use:

The tank mixture of AMIBEN® plus Lasso plus Lexone or Sencor may be applied as a preemergence broadcast treatment at time of planting. Use the table below to determine the proper rate of each chemical for your soil type.

Make all broadcast treatments according to the following table:

SOIL TEXTURE	AMIBEN® QTS/A	LASSO 4E QTS/A	SENCOR 50WP or LEXONE WP LBS/A	SENCOR 4 or LEXONE 4L PTS/A	SENCOR DF or LEXONE DF LBS/A
Coarse (loamy sand, sandy loam)	4	1.5 to 2.0	0.5	0.5	0.33
Medium (loam, silt loam, 2.5	4 to 5 0.75*	2.0 to 0.75*	0.5 to 0.5*	0.5 to	0.33 to
Fine (clay, ay loam, Silty clay, sandy clay, sandy clay loam, silty clay loam)	5 to 6	2.5 to 3.0	0.75 to 1.0*	0.75 to 1.0*	0.5 to 0.67*

* On Clarion Webster soils in Minnesota and Iowa or on similar alkaline (calcareous) soils a pH of 7.5 or above, apply Sencor WP or Lexone WP at 0.5 pound/A, Sencor 4 or Lexone 4L at 0.5 pint/A, or Lexone DF or Sencor DF at 0.33 pound/A on medium soils. On fine soils use 0.5 to 0.75 pound/A Sencor WP or Lexone WP, 0.5 to 0.75 pint Sencor 4 or Lexone 4L or 0.33 to 0.5 pound/A Lexone DF or Sencor DF. Use the higher rate only where soil pH is less than 7.5 and where pressure is heavy.

Use the higher rate of AMIBEN® where heavy stands of Pennsylvania artweed, velvetleaf, ragweed, wild mustard, or black nightshade are expected. Use the higher rate of Lasso when treatments are incorporated or where heavy stands of black nightshade, foxtail, witchgrass, panicum, or yellow nutsedge are expected. Use the high rate of Sencor or Lexone where heavy stands of Florida pusley, sesbania, velvetleaf or Jimsonweed are expected except when soil pH is over 7.5.

CULTIVATION AFTER PLANTING

Soil treated with AMIBEN® Chloramben Herbicide plus Lasso plus Sencor or Lexone may be shallow-cultivated, rotary-hoed, or hand-hoed without reducing the weed control activity of the tank mixture. With preplant soil incorporated treatments, do not cultivate deeper than the AMIBEN® plus Lasso plus Sencor or Lexone treated layer of soil since this may bring untreated soil to the surface and poor weed control may result. If sufficient rain does not fall within 5 days after preemergence applications of the tank mixture, but there is enough soil moisture to germinate weeds and grasses, a light cultivation with a rotary hoe or similar tool will uproot these small broadleaf weeds and grasses.

SPECIAL PRECAUTIONS

Applied according to directions and under normal growing conditions, the tank mix of AMIBEN® plus Lasso plus Sencor or Lexone will not harm the treated crop. Over-application may result in crop injury. Uneven application or improper soil incorporation of AMIBEN® plus Lasso plus Sencor or Lexone can result in erratic weed control or crop injury. Seedling disease, cold weather, deep planting, excessive moisture, soil pH over 7.5, high salt concentration, or drought may weaken crop seedlings and increase the possibility of damage from the tank mixtures. Under these conditions, delayed crop development or reduced yields may result.

Do not use on sand or on medium to fine soils with less than 1% organic matter. This mixture applied preplant incorporated may cause slight soybean injury early, but the soybeans should recover and the subsequent growth or yields should not be affected.

Do not use the foliage from soybeans treated with the tank mix of AMIBEN® and Lasso and Sencor or AMIBEN® and Lasso and Lexone for feed or forage.

Caution: Observe all cautions and limitations on labeling of all products used in mixtures.

"AMIBEN®" AND "LASSO" AND "LOROX" FOR SOYBEANS

A tank mixture of AMIBEN® Chloramben Herbicide and Lasso and Lorox L or Lorox 50W may be applied as a preemergence broadcast tank mix treatment at time of planting.

A tank mixture of AMIBEN® Herbicide and Lasso and Lorox will control the following annual weeds: barnyardgrass, carpetweed, crabgrass, foxtail (green, yellow, giant), fall panicum, lambsquarters, pigweed, smartweed, ragweed, black nightshade, velvetleaf and wild mustard, as well as all other weeds listed on the AMIBEN®, Lasso and Lorox labels. 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, weed seeds which germinate outside the chemical zone are not affected.

Except as directed in the "Conservation or Reduced Tillage" portion of this label, the seedbed should be free of existing weeds before application. Surface trash (plant residue from previous crop) should be uniformly distributed, and the seedbed should be free of clods. For uniform application of the tank mixture of AMIBEN® Herbicide and Lasso and Lorox use 10 to 20 gallons of water per acre for ground application. To prepare the tank mixture refer to the "Mixing Instructions" portion of this label. DO NOT mix AMIBEN® Herbicide and Lasso and Lorox concentrates before the addition of water as an emulsion will not be formed.

Apply AMIBEN® and Lasso and Lorox as a preemergence treatment using the appropriate rates from the table below. Apply the tank mixture during planting (behind the planter).

P. 19/65

Rain is necessary to move the chemicals into the soil and make them available to control germinating weed seeds. If no rainfall occurs within 5 days following application, a shallow incorporation no deeper than 2 inches is recommended. High intensity or excessive rainfall after application may reduce control.

Make all broadcast treatments according to the following table:

3% or Less Organic Matter

AMIBEN® Qts/A	Lasso Qts/A	or Lorox L Lbs or pts/A	Lorox 50W Soil Texture
Loamy sand, sandy loam	4	1.5 to 2.0	0.67 to 1.5
Loam, silt loam, silt	4 to 5	2.0 to 2.5	1.0 to 1.67
Silty clay loam, silty clay, sandy clay, clay loam, clay	5 to 6	2.5 to 3.0	1.25 to 2.0

Greater than 3% Organic Matter

Soil Texture	AMIBEN® Qts/A	Lasso Qts/A	Lorox 50W or Lorox L Lbs or pts/A
Loamy sand, sandy loam	4	1.5 to 2.0	1.5 to 2.0
Loam, silt loam, silt	4 to 5	2.0 to 2.5	1.67 to 2.5
Silty clay loam, silty clay, sandy clay, clay loam, clay	5 to 6	2.5 to 3.0	2.0 to 3.0

Use the higher rate of AMIBEN® when heavy populations of black nightshade, velvetleaf, mustard or smartweed are expected. Use the higher rate of Lasso when high populations of black nightshade, witchgrass or foxtail are expected. Use the higher rate of Lorox on soils with organic matter contents which are toward the high end of the ranges given in the table.

For band treatments divide the band width by the row width and multiply by the appropriate rates indicated above to determine the amount of chemical to use per acre.

P. 12/65

Plant seeds at least 1.75 inches deep and do not treat if beans have begun to emerge.

Read thoroughly the cautionary statements and all other information appearing on labels for Lasso, Lorox L or Lorox 50W and AMIBEN®.

"AMIBEN®" AND "DUAL" FOR SOYBEANS

A tank mixture of AMIBEN® Chloramben Herbicide and Dual 8E may be applied as a preplant soil incorporated herbicide treatment. AMIBEN® Herbicide may be applied as a preemergence broadcast tank mix treatment with Dual 8E at time of planting. Following a preplant soil incorporated application of Dual 8E, AMIBEN® Herbicide may be applied preemergence at time of planting.

When applied according to label directions, tank mixtures of AMIBEN® and Dual will control all weeds controlled by AMIBEN® alone or by Dual alone (including fall panicum, foxtail millet, red rice, signalgrass, witchgrass, yellow nutsedge and Florida pusley. Refer to the general information section of this label and the Dual label for additional weeds controlled by AMIBEN® and Dual 8E.

For uniform application of the tank mixture of AMIBEN® and Dual, use 10 to 20 gallons of water with ground equipment. To prepare the tank mixture, refer to the "Mixing Instructions" portion of this label.

Apply AMIBEN® and Dual preplant incorporated or preemergence using the appropriate rates from the table below. For preplant incorporated treatments apply the tank mixture to the soil and incorporate into the top two inches of soil following the procedures in the "Directions for Incorporation" portion of this label. Use a preplant incorporate application if furrow irrigation is used or when a period of dry weather is expected. If soybeans are planted on beds apply and incorporate the tank mixture after bed formation. For preemergence treatments, apply the tank mixture during planting (behind the planter). For sequential applications apply Dual 8E alone preplant incorporated as specified on the Dual label. Follow with a preemergence application of AMIBEN® Herbicide during planting (behind the planter).

Make all broadcast treatments according to the following table:

Soil Texture	AMIBEN® Qts/A	Dual 8E Pts/A
Loamy sand, sandy loam	4	1.5 to 2.0
Loam, silt loam, silt	4 to 5	2.0 to 2.5
Silty clay loam, silty clay, sandy clay, clay loam, clay	5 to 6	2.5 to 3.0

Do not use on muck or peat soils.

Use the higher rate of AMIBEN® when heavy populations of black nightshade, velvetleaf, mustard or smartweed are expected. Use the higher rate of Dual when treatment is incorporated, when organic matter is over 3%, or when high populations of black nightshade, witchgrass, panicum, foxtail, or yellow nutsedge are expected.

Before applying this combination read thoroughly all cautionary statements and all other information appearing on or attached to the containers of AMIBEN® Herbicide and Dual 8E.

"AMIBEN®" TANK MIXTURE WITH "DUAL" AND "SENCOR" OR "LEXONE" FOR SOYBEANS

GENERAL INFORMATION

A tank mixture of AMIBEN® Chloramben Herbicide plus Dual 8E plus Sencor or Lexone when applied in accordance with the following directions, either preplant soil incorporated or preemergence, effectively controls most weeds listed on the current AMIBEN®, Dual 8E, and Lexone WP/4L/DF or Sencor WP/4/DF labels.

DIRECTIONS FOR USE

Except as directed in the "Conservation or Reduced Tillage" portion of this label, the seedbed should be free of existing weeds before application. Surface trash (plant residue from previous crop) should be uniformly distributed, and the seedbed should be free of clods. The mixture should be applied in from 10 to 20 gallons of water per acre using any properly calibrated low pressure sprayer equipped with herbicide tips and in-line strained screens no finer than 50 mesh. To prepare the tank mixture refer to the "Mixing Instructions" portion of this label. Apply the entire contents of the spray tank within 4 hours of initial mixing.

Preplant Soil Incorporated Use:

Incorporation should place the AMIBEN® plus Dual 8E plus Sencor or Lexone into the top 1 to 3 inches of the final seedbed as directed in the "Directions for Incorporation" portion of this label. Apply the tank mixture using the table below to determine the proper rate of each chemical for your soil type.

Preemergence Use:

The tank mixtures of AMIBEN® plus Dual 8E plus Lexone or Sencor may be applied as a preemergence broadcast treatment at time of planting. Use the table below to determine the proper rate of each chemical for your soil type.

Make all broadcast treatments according to the following table:

SOIL TEXTURE LBS/A	AMIBEN® QTS	DUAL 8E PTS/A	SENCOR 50WP or LEXONE WP PTS/A		SENCOR 4 or LEXONE 4L LBS/A		SENCOR DF or LEXONE DF PTS/A	
Coarse (loamy sand, sandy loam)	4	1.5 to 2.0	0.5		0.5		0.33	
Medium (loam, silt loam, silt)	4 to 5	2.0 to 2.5	0.5 to 0.75*		0.5 to 0.75*		0.33 to 0.5*	
Fine (clay, clay loam, silty clay, sandy clay, sandy clay loam, silty clay loam)	5 to 6	2.5 to 3.0	0.75 to 1.0*		0.75 to 1.0*		0.5 to 0.67*	

* On Clarion Webster soils in Minnesota and Iowa or on similar alkaline (calcareous) soils a pH of 7.5 or above, apply Sencor WP or Lexone WP at 0.5 pound/A, Sencor 4 or Lexone 4L at 0.5 pint/A, or Lexone DF or Sencor DF at 0.33 pound/A on medium soils. On fine soils use 0.5 to 0.75 pound/A Sencor WP or Lexone WP, 0.5 to 0.75 pint Sencor 4 or Lexone 4L or 0.33 to 0.5 pound/A Lexone DF or Sencor DF. Use the higher rate only where soil pH is less than 7.5 and where weed pressure is heavy.

Use the higher rate of AMIBEN® where heavy stands of Pennsylvania smartweed, velvetleaf, ragweed, wild mustard, or black nightshade are expected. Use the higher rate of Dual 8E when treatments are incorporated, when organic matter is greater than 3%, or where heavy stands of black nightshade, foxtail, witchgrass, panicum, or yellow nutsedge are expected. Use the high rate of Sencor or Lexone where heavy stands of Florida pusley, sesbania, velvetleaf or Jimsonweed are expected except when soil pH is over 7.5.

CULTIVATION AFTER PLANTING

Soil treated with AMIBEN® plus Dual plus Sencor or Lexone may be shallow-cultivated, rotary-hoed, or hand-hoed without reducing the weed control activity of the tank mixture. With preplant soil incorporated treatments, do not cultivate deeper than the AMIBEN® plus Dual plus Sencor or Lexone treated layer of soil since this may bring untreated soil to the surface and poor weed control may result. If sufficient rain does not fall within 5 days after preemergence applications of the tank mixture, but there is enough soil moisture to germinate weeds and grasses, a light cultivation with a rotary hoe or similar tool will uproot these small broadleaf weeds and grasses.

SPECIAL PRECAUTIONS

Applied according to directions and under normal growing conditions, the tank mix of AMIBEN® plus Dual plus Sencor or Lexone will not harm the treated crop. Over-application may result in crop injury. Uneven application or improper soil incorporation of AMIBEN® plus Dual plus Sencor or Lexone can result in erratic weed control or crop injury. Seedling disease, cold weather, deep planting, excessive moisture, soil pH over 7.5, high salt concentration, or drought may weaken crop seedlings and increase the possibility of damage from the tank mixture. Under these conditions, delayed crop development or reduced yields may result.

Do not use on sand or on medium to fine soils with less than 1% organic matter. This mixture applied preplant incorporated may cause slight soybean injury early, but the soybeans should recover and the subsequent growth or yields should not be affected.

Do not use the foliage from soybeans treated with the tank mix of AMIBEN® and Dual and Sencor or AMIBEN® and Dual and Lexone for feed or forage.

(Note: Observe all cautions and limitations on labeling of all products used in mixtures.

"AMIBEN®" AND "DUAL" AND "LOROX" FOR SOYBEANS

A tank mixture of AMIBEN® Chloramben Herbicide and Dual and LoroX L or LoroX 50W may be applied as a preemergence broadcast tank mix treatment during planting or after planting before weeds and soybeans emerge.

A tank mixture of AMIBEN® Herbicide and Dual and LoroX will control the following annual weeds: barnyardgrass, carpetweed, crabgrass, foxtail (green, yellow, giant), fall panicum, lambsquarters, pigweed, smartweed, ragweed, black nightshade, velvetleaf and wild mustard, as well as all other weeds listed on the AMIBEN®, Dual and LoroX labels. 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, weed seeds which germinate outside the chemical zone are not affected.

Except as directed in the "Conservation or Reduced Tillage" portion of this label, the seedbed should be free of existing weeds before application. Surface trash (plant residue from previous crop) should be uniformly distributed, and the seedbed should be free of clods. For uniform application of the tank mixture of AMIBEN® Herbicide and Dual and Lorox use 10 to 20 gallons of water per acre for ground application. To prepare the tank mixture refer to the "Mixing Instructions" portion of this label.

Apply AMIBEN® and Dual and Lorox as a preemergence treatment using the appropriate rates from the table below. Apply the tank mixture during planting (behind the planter).

Rain is necessary to move the chemicals into the soil and make them available to control germinating weed seeds. If no rainfall occurs within 5 days following application, a shallow incorporation no deeper than 2 inches is recommended. High intensity or excessive rainfall after application may reduce control.

Make all broadcast treatments according to the following table:

3% or Less Organic Matter

AMIBEN® Qts/A	Dual Pts/A	or Lorox L Lbs or pts/A	Lorox 50W Soil Texture
Loamy sand, sandy loam	4	1.5 to 2.0	0.67 to 1.5
Loam, silt loam, silt	4 to 5	2.0 to 2.5	1.0 to 1.67
Silty clay loam, silty clay, sandy clay, clay loam, clay	5 to 6	2.5 to 3.0	1.25 to 2.0

Greater than 3% Organic Matter

Soil Texture	AMIBEN® Qts/A	Dual Pts/A	Lorox 50W or Lorox L Lbs or pts/A
Loamy sand, sandy loam	4	1.5 to 2.0	1.5 to 2.0
Loam, silt loam, silt	4 to 5	2.0 to 2.5	1.67 to 2.5
Silty clay loam, silty clay, sandy clay, clay loam, clay	5 to 6	2.5 to 3.0	2.0 to 3.0

Use the higher rate of AMIBEN® when heavy populations of black nightshade, velvetleaf, mustard or smartweed are expected. Use the higher rate of Dual when high populations of black nightshade, witchgrass or foxtail are expected. Use the higher rate of Lorox on soils with organic matter contents which are toward the high end of the ranges given in the table.

For band treatments divide the band width by the row width and multiply by the appropriate rates indicated above to determine the amount of chemical to use per acre.

P. 23/65

Plant seeds at least 1.75 inches deep and do not treat if beans have begun to emerge.

Read thoroughly the cautionary statements and all other information appearing on labels for Dual, Lorox L or Lorox 50W and AMIBEN®.

"AMIBEN®" AND "TREFLAN" FOR SOYBEANS

AMIBEN® Chloramben Herbicide 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. Or AMIBEN® Herbicide may be applied several days prior to planting as a broadcast tank mix with Treflan. The tank mixture should be used as a spring preplant soil incorporated treatment. The combination of AMIBEN® Herbicide with Treflan improves broadleaf weed control of species such as Pennsylvania smartweed, velvetleaf and ragweed. For broadcast treatments, incorporate chemicals immediately and thoroughly to an approximate depth of 2 inches with a disc, field cultivator or similar tool t to cut a depth of 4 to 6 inches. Refer to the Treflan label for additional incorporation information.

Make all broadcast treatments according to the following table:

Soil Texture	AMIBEN® Qts/A	TRELFAN pts/A
Loamy sand, sandy loam	4	1
Loam, silt loam, silt	4 to 5	1.5
Silty clay loam, silty clay, sandy clay, clay loam, clay	5 to 6	2

Do not use on muck or peat soils.

Use the higher rate of AMIBEN® when heavy populations of black nightshade, velvetleaf, mustard or smartweed are expected.

Before applying this combination read thoroughly all cautionary statements and all other information appearing on or attached to the containers of AMIBEN® Herbicide and Treflan.

"AMIBEN®" TANK MIXTURES WITH "TREFLAN" AND "SENCOR" OR "LEXONE" FOR SOYBEANS

GENERAL INFORMATION

A tank mix of AMIBEN® Chloramben Herbicide plus Treflan plus Sencor or Lexone when applied preplant soil incorporated as recommended herein for use on soybeans, effectively controls the weeds listed on the current AMIBEN®, Treflan and Sencor WP/4/DF or Lexone WP/4L/DF labels.

DIRECTIONS FOR USE

Except as directed in the "Conservation or Reduced Tillage" portion of this label, the seedbed should be free of existing weeds before application. Surface trash (plant residue from previous crop) should be uniformly distributed, and the seedbed should be free of clods.

To prepare the tank mixture refer to the "Mixing Instructions" portion of this label. Apply the entire contents of the spray tank within 4 hours of initial mixing. Apply the tank mixture in from 10 to 20 gallons of water per acre using any properly calibrated low pressure sprayer equipped with herbicide tips and in-line strained screens no finer than 50 mesh.

For best results AMIBEN® plus Treflan plus Sencor or Lexone should be incorporated as soon as possible after application. The three way tank mixture must be incorporated within 24 hours after application. If AMIBEN® plus Treflan plus Sencor or Lexone is applied to a wet, warm soil surface or the wind velocity is 10 mph or higher, variable weed control may result from delaying incorporation beyond 24 hours.

Incorporation should place the AMIBEN® Herbicide plus Treflan plus Sencor or Lexone into the top 2 to 3 inches of the final seedbed. Refer to the incorporation portion of the Treflan label for approved incorporation equipment and operating procedures.

CULTIVATION AFTER PLANTING

Soil treated with AMIBEN® plus Treflan plus Sencor or Lexone may be shallow-cultivated, rotary-hoed or hand-hoed without reducing the weed control activity of the tank mixture. Do not cultivate deeper than the AMIBEN® plus Treflan plus Sencor or Lexone treated layer of soil since this may bring untreated soil to the surface and poor weed control may result.

p. 2/65

Make all broadcast treatments according to the following table:

Soil Texture	AMIBEN® Qts/A	Treflan 4EC Pts/A	Sencor 50 WP or Lexone WP lbs/A	Sencor 4 or Lexone 4L Pts/A	Sencor DF or Lexone DF lbs/A
Coarse (sand, loamy sand, sandy loam) a/	4	1.0	0.5	0.5	0.33
Medium (loam, silt loam, clay loam)	4 to 5*	1.5	0.5 to 0.75**	0.5 to 0.75**	0.33 to 0.5**
Fine (clay, clay loam, silty clay, sandy clay, sandy clay loam, silty clay loam)	5 to 6*	2.0	0.75 to 1.0**	0.75 to 1.0**	0.5 to 0.67**

a/ Do not use Sencor or Lexone on coarse soils with less than 1% organic matter.

* Use the higher rate of AMIBEN® Chloramben Herbicide when velvetleaf or black nightshade is a problem.

On Clarion Webster soils in Minnesota and Iowa or on similar alkaline (calcareous) soils with a pH of 7.5 or above apply Sencor WP or Lexone WP at 0.5 pound/A, Sencor 4 or Lexone 4L at 0.5 pint/A or Lexone DF or Sencor DF at 0.33 pound/A on medium soils and at 0.5 to 0.75 pound/A Sencor WP or Lexone WP, 0.5 to 0.75 pint/A Sencor 4 or Lexone 4L or 0.33 to 0.5 pound/A Lexone DF or Sencor DF on fine soils. Use the higher rate only where soil pH is less than 7.5 and where weed pressure is heavy.

SPECIAL PRECAUTIONS

Applied according to directions and under normal growing conditions, the AMIBEN® and Treflan and Sencor or AMIBEN® and Treflan and Lexone tank mix will not harm the treated crop. Over-application may result in crop injury. Uneven application or improper soil incorporation of the AMIBEN® and Treflan and Sencor or AMIBEN® and Treflan and Lexone tank mix can result in erratic weed control or crop injury. Seedling disease, cold weather, deep planting, excessive moisture, soil pH over 7.5, high salt concentration, or drought may weaken crop seedlings and increase possibility of damage from the tank mixtures. Under these conditions, delayed crop development or reduced yields may result.

P. 26/65

Caution: Observe all cautions and limitations on labeling of all products used in mixtures.

Do not use the foliage from soybeans treated with the AMIBEN® and Treflan and Sencor or AMIBEN® and Treflan and Lexone tank mix for feed or forage.

"AMIBEN®" AND "SONALAN" FOR SOYBEANS

AMIBEN® Chloramben Herbicide may be applied as a preemergence band or broadcast treatment in soybeans at planting time in fields where Sonalan has been applied as a preplant soil incorporated herbicide. Or AMIBEN® Herbicide may be applied prior to planting as a broadcast tank mix with Sonalan. The tank mixture should be used as a spring preplant soil incorporated treatment. The combination of AMIBEN® Herbicide with Sonalan improves broadleaf weed control of species such as Pennsylvania smartweed, velvetleaf, common ragweed, black nightshade and wild mustard. For broadcast treatments, incorporate chemicals immediately and thoroughly to an approximate depth of 2 inches as described on the Sonalan label.

Make all broadcast treatments according to the following table:

Soil Texture	AMIBEN® Qts/A	Sonalan Pts/A
Loamy sand, sandy loam	4	1.25 to 2.0
Loam, silt loam, silt	4 to 5	1.75 to 2.5
Silty clay loam, silty clay, sandy clay, clay loam, clay	5 to 6	2.25 to 3.0

Use the higher rate of AMIBEN® where a heavy population of smartweed, velvetleaf, ragweed, wild mustard or black nightshade are expected. Use the higher rate of Sonalan on finer textured soils and on soils with organic matter content over 3%.

"AMIBEN®" AND "PROWL" FOR SOYBEANS

A tank mixture of AMIBEN® Chloramben Herbicide and Prowl may be applied as a preplant soil incorporated herbicide treatment or AMIBEN® Herbicide may be applied as a preemergence broadcast treatment at planting time in soybean fields where Prowl has been applied as a preplant soil incorporated herbicide treatment. On soybeans grown south of Interstate 80 the tank mixture of AMIBEN® plus Prowl may also be applied as a preemergence broadcast treatment. The combination may be used only in Illinois, Indiana, Iowa, Kansas, Kentucky, Michigan, Minnesota, Nebraska, New York, North Dakota, Ohio, Pennsylvania, South Dakota, Wisconsin and Missouri except in the "Bootheel Region".

When applied according to directions, tank mixtures of AMIBEN® Herbicide and Prowl herbicide either preplant incorporated or preemergence, or the sequential treatment of AMIBEN® preemergence over Prowl preplant incorporated will control fall panicum, signalgrass, Venice mallow and velvetleaf in addition to all other weeds listed on the AMIBEN® and Prowl labels.

For uniform application of the tank mixture of AMIBEN® and Prowl, use 10 to 20 gallons of water per acre with ground equipment or 3 to 5 or more gallons of water per acre by aircraft. To prepare the tank mixture refer to the "Mixing Instructions" portion of this label.

Except as directed in the "Conservation or Reduced Tillage" portion of this label, the seedbed should be free of existing weeds before application. Surface trash (plant residue from previous crop) should be uniformly distributed, and the seedbed should be free of clods. When using the tank mixture preplant soil incorporated or when using Prowl preplant incorporated followed by a preemergence application of AMIBEN® the herbicides should be applied within 7 days prior to planting. When applied as a preplant soil incorporated treatment the tank mixture of AMIBEN® plus Prowl should be thoroughly incorporated into the top 0 to 2 inches of soil using equipment and techniques described elsewhere on this label and on the Prowl label. When using the tank mixture preemergence, treatments should be made at time of planting.

Make all broadcast treatments according to the following table:

Soil Texture	AMIBEN® Qts/A	Prowl Pts/A
Loamy sand, sandy loam	4	1.0 to 2.0
Loam, silt loam, silt	4 to 5	1.5 to 2.5
Silty clay loam, silty clay, sandy clay, clay loam, clay	5 to 6	2.0 to 3.0

Use the higher rate of AMIBEN® when heavy populations of black nightshade, velvetleaf, wild mustard, common ragweed or Pennsylvania smartweed are expected. Use the higher rate of Prowl when treatments are incorporated on soils with more than 3% organic matter, or where heavy stands of foxtail, witchgrass or panicum are expected. Do not use on peat or muck soils.

If sufficient rain does not fall within 5 days after preemergence treatment, but there is enough soil moisture to germinate weeds and soybeans a light cultivation with a rotary hoe or similar tool will uproot these small weeds. The shallow mixing of the herbicides into the soil surface will not interfere with their action when rains come. If soybean crop loss occurs due to weather conditions, soybeans may be replanted. If replanting is necessary, DO NOT rework the soil.

Before applying this combination, read thoroughly the cautionary statements and all other information appearing on or attached to the containers of both the Prowl and AMIBEN® herbicides.

"AMIBEN®" TANK MIXTURE WITH "PROWL" AND "SENCOR" OR "LEXONE" FOR SOYBEANS

GENERAL INFORMATION

A tank mixture of AMIBEN® Chloramben Herbicide plus Prowl plus Sencor or Lexone may be applied either preplant soil incorporated or preemergence in soybeans grown in the northeastern and north central states (Illinois, Indiana, Iowa, Kansas, Kentucky, Michigan, Minnesota, Nebraska, New York, North Dakota, Ohio, Pennsylvania, South Dakota, Wisconsin, Missouri (except the "Bootheel Region"), all areas of Delaware, Maryland, New Jersey, and Virginia (except the Coastal Plains of these states). Do not make preemergence applications of Prowl north of Interstate 80. When applied according to the following directions the tank mixture of AMIBEN® plus Prowl plus Sencor or Lexone effectively controls the weeds listed on the current AMIBEN®, Prowl and Sencor WP/4/DF or Lexone WP/4L/DF labels.

DIRECTIONS FOR USE

Except as directed in the "Conservation or Reduced Tillage" portion of this label, the seedbed should be free of existing weeds before application. Surface trash (plant residue from previous crop) should be uniformly distributed, and the seedbed should be free of clods. Uniformly apply the recommended AMIBEN® plus Prowl plus Sencor or Lexone tank mixture in 10 to 20 gallons of water per acre with ground equipment or in 3 to 5 or more gallons of water per acre by aircraft using herbicide nozzle tips and in line strained screens no finer than 50 mesh. To prepare the tank mixture refer to the "Mixing Instructions" portion of this label. Apply the entire contents of the spray tank within 4 hours of initial mixing.

PREPLANT INCORPORATED USE

The tank mixture of AMIBEN® plus Prowl plus Sencor or Lexone must be incorporated into the soil and soybeans must be planted within 7 days after application. Uneven spray application or improper soil incorporation can produce erratic weed control. The tank mixture should be thoroughly incorporated into the top 1 to 2 inches of soil using equipment and techniques described elsewhere on this label.

PREEMERGENCE USE

Apply the tank mixture of AMIBEN® plus Prowl plus Sencor or Lexone as a broadcast treatment at time of planting. This treatment is most effective when adequate rainfall or overhead irrigation is received within 5 days after

application. If sufficient rain does not fall within 5 days after spraying the tank mixture of AMIBEN® plus Prowl plus Sencor or Lexone, 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 the tank mixture in the surface soil will improve consistency of performance and reduce dependency on rainfall to activate the herbicides, but will not interfere with their action when rains come.

APPLICATION RATES

Make all broadcast treatments according to the following table:

IL TEXTURE	AMIBEN® QTS/A	PROWL PTS/A	SENCOR 50WP or LEXONE WP LBS/A	SENCOR 4 or LEXONE 4L PTS/A	SENCOR DF or LEXONE DF LBS/A
Coarse (loamy sand, sandy loam)	4	1.5 to 2.0	0.5	0.5	0.33
Medium (loam, silt loam, silt)	4 to 5	1.5 to 2.5	0.5 to 0.75*	0.5 to 0.75*	0.33 to 0.5*
Fine (clay, clay loam, silty clay, sandy clay, sandy clay loam, silty clay loam)	5 to 6	2.0 to 3.0	0.75 to 1.0*	0.75 to 1.0*	0.5 to 0.67*

* On Clarion Webster soils in Minnesota and Iowa or on similar alkaline (calcareous) soils with a pH of 7.5 or above, apply Sencor WP or Lexone WP at 0.5 pound/A, Sencor 4 or Lexone 4L at 0.5 pint/A, or Lexone DF or Sencor DF at 0.33 pound/A on medium soils. On fine soils use 0.5 to 0.75 pound/A Sencor WP or Lexone WP, 0.5 to 0.75 pint Sencor 4 or Lexone 4L or 0.33 to 0.5 pound/A Lexone DF or Sencor DF. Use the higher rate only where soil pH is less than 7.5 and where pressure is heavy.

Use the higher rate of AMIBEN® where heavy stands of Pennsylvania smartweed, velvetleaf, ragweed, wild mustard, or black nightshade are expected. Use the higher rate of Prowl when treatments are incorporated on soils with more than 3% organic matter, or where heavy stands of foxtail, witchgrass or panicum are expected. Use the high rate of Sencor or Lexone where heavy stands of Florida pusley, sesbania, velvetleaf or Jimsonweed are expected except when soil pH is over 7.5.

p. 30/65

SPECIAL PRECAUTIONS

Soybean seed should be planted at least 1 1/2 inches below soil surface. Soil incorporation deeper than 2 inches will reduce weed control and can result in crop injury. Seedling disease, cold weather, deep planting, excessive soil moisture, soil pH over 7.5, high salt concentration, or drought may weaken crop seedlings and increase possibility of damage from the tank mixtures. Under these conditions delayed crop development or reduced yields may result.

Do not use on sensitive soybean varieties such as Tracy, Semmes, Altona, Vansoy or Coker 102.

Do not use the foliage from soybeans treated with the AMIBEN® plus Prowl plus Sencor or Lexone tank mix for feed or forage.

Caution: Observe all cautions and limitations on labeling of all products used in mixtures.

"AMIBEN®" AND METRIBUZIN ("SENCOR" OR "LEXONE") TANK MIXTURE FOR SOYBEANS

AMIBEN® Chloramben Herbicide and metribuzin may be applied in a tank mixture combination as a preemergence band or broadcast application. Use standard spray equipment, and 10 to 20 gallons of spray solution per broadcast acre. To prepare the tank mixture refer to the "Mixing Instructions" portion of this label.

This tank mixture controls Florida pusley, sesbania (coffeebean or coffeeweed), shepherdspurse and sicklepod in addition to those weeds controlled by AMIBEN® Herbicide. Performance on cocklebur, fall panicum and black nightshade may be erratic depending on soil temperature, depth of weed seeds in soil and amount of moisture. Control may be improved with timely cultivation.

Make all broadcast treatments according to the following table:

3% or Less Organic Matter

Soil Texture	AMIBEN® Qts/A	Sencor 50W or Lexone WP Lbs/A	Sencor 4 or Lexone 4L Pts/A	Sencor DF or Lexone DF Lbs/A
Loamy sand to sandy loam (greater than 2% organic matter only)	4	0.5	0.5	0.33
Loam to sandy clay loam	4 to 5	0.5	0.75	0.5
Silty clay loam to clay	5 to 6	1.0	1.0	0.67

Greater than 3% Organic Matter

Soil Texture	AMIBEN® Qts/A	Sencor 50W or Lexone WP Lbs/A	Sencor 4 or Lexone 4L Pts/A	Sencor DF or Lexone DF Lbs/A
Loamy sand to sandy loam (greater than 2% organic matter only)	4	0.75	0.75	0.5
Loam to sandy clay loam	4 to 5	1.0	1.0	0.67
Silty clay loam to clay	5 to 6	1.0	1.0	0.67

In the Mississippi Delta only, on silty clay to heavy clay textured soil use 6 quarts of AMIBEN® plus Lexone 50 WP - 1.5 lb., Lexone DF - 1 lb. or 2 lbs. of Sencor 50 WP, 2 pts. of Sencor 4, or 1 lb. of Sencor DF. Do not use on muck soils. Use the high rates when heavy weed stands are expected.

For band application rates divide Band width by the Row spacing and multiply by rate/acre selected from the chart above.

SPECIAL PRECAUTIONS

Injury may occur to soybeans following application of metribuzin on soils having a calcareous surface area or a pH of 7.5 or higher.

Sensitive soybean varieties such as Tracy, Semmes, Altona, Vansoy or Coker 102, should not be treated with metribuzin or injury may result.

If initial planting does not produce a satisfactory stand, fields treated with AMIBEN® Herbicide and metribuzin tank mixtures may be replanted to soybeans. If replanting is necessary, do not rework soil. Do not apply a second treatment over the first treatment as injury to soybeans may occur. Read Sencor or Lexone labels and literature carefully to understand conditions to insure crop safety. For additional precautions and information concerning spray equipment, mixing directions, and restrictions refer to the appropriate sections of the AMIBEN® Herbicide and the Lexone/Sencor labels. Do not use vines treated with the AMIBEN®, metribuzin tank mix for feed or forage.

"AMIBEN®" AND "LOROX" TANK MIXTURE FOR SOYBEANS

A tank mixture of AMIBEN® Herbicide and Lorox 50W or Lorox L will control annual weeds such as barnyardgrass, carpetweed, crabgrass, fall panicum, foxtail, lambsquarters, pigweed, ragweed and Pennsylvania 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, weed seeds which germinate outside the chemical zone are not affected.

Treatments should be made at planting time as a simple preemergence application using 10 to 20 gallons of water per acre. For air application use 3 to 5 gallons per acre. To prepare the tank mixture refer to the "Mixing Instructions" portion of this label.

Plant seeds at least 1.75 inches deep and do not treat if beans have begun emerge.

Make all broadcast treatments according to the following table:

Soil Texture	3% or Less Organic Matter		Greater than 3% Organic Matter	
	AMIBEN® Qts/A	Lorox 50W or Lorox L Lbs or pts/A	AMIBEN® Qts/A	Lorox 50W or Lorox L Lbs or pts/A
Sandy Loam	4	0.67 to 1.5	4	1.5 to 2.0
Silt Loam	5	1.0 to 1.67	5	1.67 to 2.5
Clay Loam	6	1.25 to 2.0	6	2.0 to 3.0

1

For band treatments, use proportionally 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.

"AMIBEN®" AND "BASALIN" FOR SOYBEANS

AMIBEN® Chloramben Herbicide may be applied over soybeans at planting time in fields where Basalin herbicide has been applied as a preplant soil incorporated herbicide. Or AMIBEN® Herbicide may be applied as a preplant incorporated tank mix with Basalin.

When applied according to direction, tank mixtures of AMIBEN® Herbicide and Basalin or the sequential treatment will control fall panicum, signalgrass, and common purslane in addition to those weeds controlled with AMIBEN® Herbicide alone.

For uniform application of the tank mixture of AMIBEN® and Basalin use 10 to 20 gallons of water per acre with ground equipment. To prepare the tank mixture refer to the "Mixing Instructions" portion of this label. The tank mixture may be applied and incorporated at planting or several days prior to planting.

When using Basalin herbicide followed by preemergence application of AMIBEN®, Basalin may be applied as many as 6 to 8 weeks before planting or up to planting. Except as directed in the "Conservation or Reduced Tillage" portion of this label, the seedbed should be free of existing weeds before application. Surface trash (plant residue from previous crop) should be uniformly distributed, and the seedbed should be free of clods. Basalin is to be incorporated into the soil within eight hours of application prior to planting. Follow the incorporation instructions on the Basalin label. Read all instructions and cautions on both the AMIBEN® and Basalin labels.

Apply AMIBEN® Herbicide at a rate of 4 to 6 quarts per broadcast acre. Apply Basalin herbicide at 1.5 to 3 pints per broadcast acre. Use the higher rate of the rate range on heavier, finer textured soils or on soils with over 4% organic matter. Do not use on peat or muck soils.

Before applying this combination read thoroughly the cautionary statements and all other information appearing on or attached to the containers of both Basalin and AMIBEN® herbicides.

"AMIBEN®" TANK MIXTURES WITH "BASALIN" AND "SENCOR" OR "LEXONE" FOR SOYBEANS

GENERAL INFORMATION

A tank mix of AMIBEN® Chloramben Herbicide plus Basalin plus Sencor or Lexone when applied preplant soil incorporated as recommended herein for use on soybeans, effectively controls the weeds listed on the current AMIBEN®, Basalin and Sencor WP/4/DF or Lexone WP/4L/DF labels.

P. 34/65

DIRECTIONS FOR USE

Except as directed in the "Conservation or Reduced Tillage" portion of this label, the seedbed should be free of existing weeds before application. Surface trash (plant residue from previous crop) should be uniformly distributed, and the seedbed should be free of clods.

To prepare the tank mixture refer to the "Mixing Instructions" portion of this label. Apply the entire contents of the spray tank within 4 hours of initial mixing. Apply the tank mixture in from 10 to 20 gallons of water per acre using any properly calibrated low pressure sprayer equipped with herbicide tips and in-line strained screens no finer than 50 mesh.

For best results AMIBEN® plus Basalin plus Sencor or Lexone should be incorporated as soon as possible after application. The three way tank mixture must be incorporated within 24 hours after application. If AMIBEN® plus Basalin plus Sencor or Lexone is applied to a wet, warm soil surface or if the wind velocity is 10 mph or higher, variable weed control may result from delaying incorporation beyond 24 hours.

Incorporation should place the AMIBEN® Herbicide plus Basalin plus Sencor or Lexone into the top 2 to 3 inches of the final seedbed. Refer to the incorporation portion of the Basalin label for approved incorporation equipment and operating procedures.

CULTIVATION AFTER PLANTING

Soil treated with AMIBEN® plus Basalin plus Sencor or Lexone may be shallow-cultivated, rotary-hoed or hand-hoed without reducing the weed control activity of the tank mixture. Do not cultivate deeper than the AMIBEN® plus Basalin plus Sencor or Lexone treated layer of soil since this may bring untreated soil to the surface and poor weed control may result.

Make all broadcast treatments according to the following table:

Soil Texture	AMIBEN® Qts/A	Basalin Pts/A	Sencor 50 WP or Lexone WP lbs/A	Sencor 4 or Lexone 4L Pts/A	Sencor DF or Lexone DF lbs/A
Coarse (sand, loamy sand, sandy loam) a/	4	1.0	0.5	0.5	0.33
Medium (loam, silt loam, silt)	4 to 5*	1.5	0.5 to 0.75**	0.5 to 0.75**	0.33 to 0.5**
Fine (clay, clay loam, silty clay, sandy clay, sandy clay loam, silty clay loam)	5 to 6*	2.0	0.75**	0.75**	0.5**

a/ Do not use Sencor or Lexone on coarse soils with less than 1% organic matter.

* Use the higher rate of AMIBEN® Chloramben Herbicide when velvetleaf or black nightshade is a problem.

** On Clarion Webster soils in Minnesota and Iowa or on similar alkaline (calcareous) soils with a pH of 7.5 or above apply Sencor WP or Lexone WP at 0.5 pound/A, Sencor 4 or Lexone 4L at 0.5 pint/A or Lexone DF or Sencor DF at 0.33 pound/A on medium soils and at 0.5 to 0.75 pound/A Sencor WP or Lexone WP, 0.5 to 0.75 pint/A Sencor 4 or Lexone 4L or 0.33 to 0.5 pound/A Lexone DF or Sencor DF on fine soils. Use the higher rate only where soil pH is less than 7.5 and where weed pressure is heavy.

SPECIAL PRECAUTIONS

Applied according to directions and under normal growing conditions, the AMIBEN® and Basalin and Sencor or AMIBEN® and Basalin and Lexone tank mix will not harm the treated crop. Over-application may result in crop injury. Uneven application or improper soil incorporation of the AMIBEN® and Basalin and Sencor or AMIBEN® and Basalin and Lexone tank mix can result in erratic weed control or crop injury. Seedling disease, cold weather, deep planting, excessive moisture, soil pH over 7.5, high salt concentration, or drought may weaken crop seedling and increase possibility of damage from the tank mixtures. Under these conditions, delayed crop development or reduced yields may result.

Caution: Observe all cautions and limitations on labeling of all products used in mixtures.

Do not use the foliage from soybeans treated with the AMIBEN® and Basalin and Sencor or AMIBEN® and Basalin and Lexone tank mix for feed or forage.

"AMIBEN®" AND "REWARD" FOR SOYBEANS

GENERAL INFORMATION

A tank mixture of AMIBEN® Chloramben Herbicide and Reward can be used prior to planting for weed control in soybeans or AMIBEN® may be applied over soybeans at planting time when Reward has been applied as a preplant soil incorporated herbicide.

The combination will control a broader spectrum of weeds than either material alone.

WEEDS CONTROLLED:

- | | |
|--------------------------------|----------------------------|
| Nutsedge (yellow & purple) | Velvetleaf - buttonweed |
| Barnyardgrass (watergrass) | Stinkgrass |
| Crabgrass (hairy & smooth) | Carpetweed |
| Foxtail (giant, green, yellow) | Chickweed |
| German millet | Coffeeweed |
| Goosegrass | Florida pusley |
| Johnsongrass (seedling) | Kochia |
| Mustard | Lambsquarters (common) |
| Nightshade | Morningglory (annual) |
| Prickly sida - teaweed | Pigweed (redroot & smooth) |
| Ragweed (common) | Purslane |
| Smartweed (Pennsylvania) | Sicklepod |
| | Spurge (annual) |

DIRECTIONS FOR USE

Reward must be incorporated into the soil immediately (within minutes) to prevent loss of the herbicide. Whenever possible application and incorporation of Reward or a tank mixture of AMIBEN® and Reward should be done in the same operation. Refer to the Reward label for equipment and operating instructions to best incorporate the tank mixture.

Sequential Applications:

Before planting, apply Reward at the rates listed in the table below for your soil type. Incorporate into the soil as described above and on the Reward label. At time of planting apply AMIBEN® Herbicide at the rates listed in the table below as a broadcast treatment.

P: 3/65

Tank Mix Application:

On medium textured soils a tank mixture of AMIBEN® and Reward may be applied and incorporated prior to planting. Use the rates of AMIBEN® and Reward listed in the table below. Follow the incorporation directions described elsewhere on this label. To prepare the tank mixture refer to the "Mixing Instructions" portion of this label. Apply in 10 to 20 gallons of water per acre.

Make all broadcast treatments according to the following table:

Soil Type	AMIBEN® Qts/Acre	Reward Pts/Acre
Coarse (sandy-light)	4	2.5
Medium to Fine (sandy loam to clay loam)	5	3.0
Fine to Very Fine (clay)	6	3.5

Read and follow all directions, use limitations, precautions and warnings that appear on the AMIBEN® and Reward labels.

"AMIBEN®" TANK MIX WITH "SURFLAN" FOR WEED CONTROL IN SOYBEANS

GENERAL INFORMATION

The AMIBEN® Chloramben Herbicide and Surflan tank mixture effectively controls all annual grass and broadleaf weeds listed on the Surflan and AMIBEN® Herbicide labels including chickweed, coffeeweed, kochia, wild mustard, black nightshade, prickly sida (teaweed), common ragweed, Russian thistle, Pennsylvania smartweed, annual spurge, stinkgrass and velvetleaf (buttonweed).

AMIBEN® and Surflan tank mixtures may be applied at time of planting using a properly calibrated, low-pressure herbicide sprayer that will provide uniform soil coverage. Agitate thoroughly before and during application. Follow normal AMIBEN® and Surflan procedures for soil preparation. Do not spray over top of emerged soybeans.

P. 38/05

DIRECTIONS FOR USE

Make all broadcast application according to the following table:

Soil Texture	AMIBEN® Qts/A	Surflan 4AS Qts/A	Surflan 75W Lbs/A
Coarse Soils	4 to 6	0.5 to 0.75	0.67 to 1.0
Medium Soils	4 to 6	0.75 to 1.0	1 to 1.33
Fine Soils	4 to 6	1.0 to 1.25	1.33 to 1.67

The higher rate of AMIBEN® Herbicide should be used on clay loams, clay or high organic (3 to 5%) mineral soils. Do not use the AMIBEN® and Surflan tank mix on soils containing more than 5% organic matter.

SPECIAL PRECAUTION: Poor weed control and/or crop injury may result if directions are not followed. Over-application may result in crop injury and/or soil residue of Surflan. Do not use treated vines for feed or forage. Observe all precautions on both the AMIBEN® and Surflan labels.

AMIBEN® PROGRAMMED CONTROL OF WILD PROSO MILLET IN SOYBEANS

When used as directed below, a weed control program of sequential AMIBEN® Chloramben Herbicide applications will control wild proso millet in addition to all other weed species listed on the AMIBEN® label.

DIRECTIONS FOR USE

1 to 4 days before planting apply a preplant incorporated tank mixture of 4 to 6 quarts AMIBEN® plus the full labeled rate of another grass control material such as Treflan, Basalin, Prowl, Lasso or Dual as directed elsewhere on this label. After soybean emergence, but before emergence of wild proso millet seedlings make a second broadcast application of 4 to 6 quarts AMIBEN® per acre. This application should be made when soybeans are in the cotyledon to 2nd trifoliolate growth stage, but before emergence of wild proso millet seedlings. Under normal conditions this will be 10 to 21 days after planting. If wild proso millet or other weeds have begun to emerge use a rotary hoe to remove emerged seedling weeds.

Do not feed straw or green fodder from soybeans treated with AMIBEN® postemergence. Observe caution statements on this and all other herbicide labels.

"AMIBEN®" POSTEMERGENCE ON SOYBEANS

APPLICATION EQUIPMENT

BROADCAST APPLICATION

Good coverage is essential for maximum weed control. Use 10 to 20 gallons of water per acre by ground or 3 to 5 gallons of water per acre by air. Wide spaced, low pressure, flood type nozzles do not give adequate coverage. Nozzle pressure should be at least 30 pounds per square inch. Width of swath must not exceed length of boom.,

BAND APPLICATIONS

Soil uptake of AMIBEN® Chloramben Herbicide from postemergence applications is important. For this reason AMIBEN® Herbicide may be applied in a postemergence band ONLY if the following precautions are taken. Spray nozzles must be directed to spray both the emerged weeds and the soil surface. On postemergence band sprayers with multiple nozzles, the side nozzles should be directed toward the ground at approximately a 45 degree angle to apply a band of spray on the soil surface equal in width to one half the soybean row spacing. Both side nozzles should spray the same soil surface area; one from each side of the row. When these directions are followed, the broadcast rates given below should be reduced by one half to give the same rate of active ingredient in the band that would be achieved from a broadcast application at the full rate. Use sufficient water for good coverage.

"AMIBEN®" AND "CROP OIL" FOR POSTEMERGENCE WEED CONTROL IN SOYBEANS

For programmed weed control apply a preemergence or preplant incorporated grass herbicide at planting followed by a later application of AMIBEN® plus crop oil concentrate when soybeans are in the cracking to 4th trifoliolate stage of growth. Apply a tank mixture of 6 quarts of AMIBEN® plus 1 quart per acre of crop oil concentrate to control or suppress 1 to 8 inch velvetleaf and 1 to 3 inch Pennsylvania smartweed, common ragweed and pigweed causing weeds to either die or cease growth and become noncompetitive with the crop. Application at this timing provides both postemergence activity on the above species and extended preemergence activity on those late germinating annual grass and broadleaf weeds listed in the general information section of the AMIBEN® label which have not yet germinated at the time of treatment. Do not apply later than 33 days after planting. Make broadcast applications in 10 to 20 gallons water per acre by ground or 3 to 5 gallons water per acre by air. Good coverage is essential for maximum weed control. Wide spaced, low pressure, flood type nozzles do not give satisfactory coverage. Nozzle pressure should be at least 30 pounds per square inch. Width of swath must not exceed length of boom. Under good soil moisture conditions this treatment will control small grassy weeds (1 to 2 leaf) if rainfall occurs within 48 hours of application.

Caution: Do not use soybean straw or green fodder which has been treated postemergence with AMIBEN® for livestock feed. Do not apply later than 33 days after planting.

Do not apply more than 6 quarts per acre of AMIBEN® alone or in combination as a postemergence treatment. If a preemergence or preplant soil incorporated application of AMIBEN® is made, do not apply more than a total of 12 quarts of AMIBEN® per acre per growing season (6 quarts preemergence plus 6 quarts postemergence).

AMIBEN® AND CULTIVATION POSTEMERGENCE ON SOYBEANS

If heavy rainfall has prevented application of preplant incorporated or preemergence herbicides AMIBEN® Chloramben Herbicide may be applied when soybeans are in the cracking to second trifoliolate stage of growth at the rate of 5 to 6 quarts AMIBEN® Herbicide per acre. Grass and broadleaf weeds which have emerged must be removed. To remove these germinated weeds, use shallow cultivation with a tool such as a rotary hoe before or after AMIBEN® Herbicide has been applied. Avoid ridging the soil if a cultivator is used after AMIBEN® has been applied. Use the higher rate on fine textured soils or when heavy weed populations are expected.

Caution: Do not use soybean straw or green fodder which has been treated postemergence with AMIBEN® for livestock feed. Do not apply later than 33 days after planting.

Do not apply more than 6 quarts per acre of AMIBEN® alone or in combination as a preplant soil incorporated or preemergence treatment. If a postemergence application of AMIBEN® is made, do not apply more than a total of 12 quarts of AMIBEN® per acre per growing season (6 quarts preemergence plus 6 quarts postemergence).

P. 4/1/65

"AMIBEN®" AND "BLAZER" FOR POSTEMERGENCE WEED CONTROL IN SOYBEANS

GENERAL INFORMATION

When applied to young actively growing broadleaf weed seedlings the combination of AMIBEN® Chloramben Herbicide plus Blazer will control all weeds listed on the Blazer label including cocklebur, jimsonweed, morningglory, Pennsylvania smartweed, pigweed, Eastern black nightshade, and common ragweed and will also provide preemergence control of those grass and broadleaf weeds listed in the general information section of the AMIBEN® label which have not yet germinated at time of treatment. While the combination of AMIBEN® plus Blazer will provide suppression of small (2 to 3 leaf) foxtail and fall panicum it must not be used as a basic grass control program and should only be applied to fields which have received a preemergence or preplant incorporated grass herbicide treatment as directed on the AMIBEN® label. In addition to providing preemergence control of late germinating weeds the combination of AMIBEN® plus Blazer will provide control of velvetleaf and increased control of Pennsylvania smartweed, and pigweed which are approaching the maximum weed size listed on the Blazer label.

USE DIRECTIONS

Apply a tank mixture of 5 to 6 quarts AMIBEN® plus 1 to 2 pints Blazer when broadleaf weeds have 2 to 4 leaves as directed on the Blazer label (usually 14 to 21 days after planting). When the lower rate is used, one quart per acre of crop oil concentrate must be added as directed below and on the Blazer label. The one pint per acre rate of Blazer will not provide adequate control of morningglory or nightshade. Use the higher rate on morningglory and nightshade and on larger weeds. Use 10 to 20 gallons of water per acre with ground equipment or 5 to 10 gallons of water per acre by air to insure good coverage. Wide spaced, low pressure, flood type nozzles do not give satisfactory coverage. Nozzle pressure should be at least 30 pounds per square inch. Width of swath must not exceed length of boom. Do not make applications later than 33 days after planting. Refer to the Blazer label for specific directions regarding the addition of a surfactant or crop oil. Follow these same directions when using the tank mixture of AMIBEN® plus Blazer to determine when to add surfactant or crop oil except that 1 quart per acre of crop oil concentrate must be added to provide acceptable control of velvetleaf or when the lower rates of Blazer are used.

Caution: Do not use soybean straw or green fodder which has been treated postemergence with AMIBEN® plus Blazer for livestock feed. Read and observe all directions and cautions on labels for Blazer and AMIBEN®. Do not apply later than 33 days after planting.

"AMIBEN®" AND "BUTYRAC®" 200 FOR POSTEMERGENCE WEED CONTROL IN SOYBEANS

GENERAL INFORMATION

When applied as directed below a tank mixture of AMIBEN® Chloramben Herbicide plus BUTYRAC® 200 will control or suppress pigweed, velvetleaf, cocklebur and Pennsylvania smartweed causing them to either die or become noncompetitive with the crop. In addition, this tank mixture will provide preemergence control of those grass and broadleaf weeds listed in the General Information section of the AMIBEN® label which have not yet germinated at time of treatment. The tank mixture of AMIBEN® plus BUTYRAC® 200 will not control emerged grassy weeds and should only be used on fields which have received a preemergence or preplant incorporated grass control herbicide. This combination may cause temporary twisting, curling or malformation of soybean leaves and stems. Soybeans will usually outgrow these effects with no reduction in yield. Do not apply to fields which are under stress from drought cool temperature or disease, as a reduction in yield can be expected. Good coverage is essential for maximum weed control. Wide spaced, low pressure, flood type nozzles do not give satisfactory coverage. Nozzle pressure should be at least 30 pounds per square inch. Width of swath must not exceed length of boom.

USE DIRECTIONS

Apply a tank mixture of 5 to 6 quarts AMIBEN® plus 2 fluid ounces BUTYRAC® 200 in 10 to 20 gallons of water per acre by ground equipment when soybeans have 2 to 4 trifoliolate leaves but before weeds are 4 inches tall. Use the higher rate when weeds are over 2 inches tall. Do not make application later than 33 days after planting. When weed pressure is heavy addition of 1 pint per acre of crop oil concentrate has improved weed control, but may cause more soybean malformation as described above.

Caution: Do not use soybean straw or green fodder which has been treated postemergence with AMIBEN® plus BUTYRAC® 200 for livestock feed. Read and observe directions and cautions on labels for BUTYRAC® 200 and AMIBEN®. Do not make applications later than 33 days after planting.

"AMIBEN®" PLUS "ALANAP" FOR POSTEMERGENCE WEED CONTROL IN SOYBEANS

GENERAL INFORMATION

When applied according to the directions below a tank mixture of AMIBEN® Chloramben Herbicide plus Alanap will control or suppress velvetleaf, pigweed, cocklebur, and pennsylvania smartweed causing them to either die or become noncompetitive with the crop. While the combination of AMIBEN® plus Alanap often provides control or suppression of small (2 to 3 leaf) annual grasses it should only be applied to fields which have received a preemergence or preplant incorporated application of a grass control herbicide. The tank mixture of AMIBEN® plus Alanap may cause temporary stunting of soybeans. Under normal conditions the soybeans will recover and yields will not be affected.

USE DIRECTIONS

Apply a tank mixture of 5 to 6 quarts AMIBEN® plus 2 to 3 quarts Alanap in 10 to 20 gallons of water per acre by ground equipment or in 5 or more gallons of water per acre by aerial equipment. To assure good coverage use a minimum of 30 pounds per square inch of nozzle pressure. Apply when soybeans have 3 to 6 trifoliate leaves, but no later than 33 days after planting. Use the higher rates when weeds are larger (over 4 inches). Addition of 1 quart per acre of a surfactant or crop oil concentrate has shown increased control of these large weeds.

Caution: Do not use soybean straw or green fodder which has been treated postemergence with AMIBEN® plus Alanap for livestock feed. Read and observe all directions and cautions on labels for Alanap and AMIBEN®. Do not make applications later than 33 days after planting.

DIRECTIONS FOR USE ON DRYBEANS (INCLUDING WHITE, NAVY, K
KEY, PINTO, LIMA
AND ADZUKI BEANS).

AMIBEN® PREEMERGENCE OR PREPLANT INCORPORATED

AMIBEN® Chloramben Herbicide may be used on drybeans as a preemergence or preplant incorporated herbicide. AMIBEN® may be applied and incorporated at planting or several days prior to planting. Uneven spray application or improper soil incorporation of AMIBEN® can produce erratic weed control. Refer to the "Directions for Incorporation" portion of this label for approved incorporation equipment and recommended operating procedures.

Make all broadcast treatments according to the following table

Soil Texture	AMIBEN® Qts/A
Loamy sand, sandy loam	4 to 5
Loam, silt loam, silt	5 to 6
Silty clay loam, silty clay, sandy clay, clay loam, clay	6

Use the higher rate of AMIBEN® when heavy populations of black nightshade, velvetleaf, wild mustard, common ragweed or Pennsylvania smartweed are expected. To insure good spray coverage use 10 to 20 gallons of water per acre with ground equipment or a minimum of 5 gallons of water per acre by aircraft.

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.

P. 11/65

Use care while cultivating to avoid throwing fresh soil on treated bands.

If sufficient rain does not fall within 5 days after spraying AMIBEN® Herbicide as a preemergence treatment, 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. In coarse textured soils heavy rains on incorporated AMIBEN® Herbicide may move it below the weed seed germination zone and produce erratic weed control.

DO NOT apply more than 6 quarts per acre of AMIBEN® Herbicide to the same field of drybeans in the same season.

AMIBEN® AND "TREFLAN" FOR DRYBEANS

AMIBEN® Chloramben Herbicide may be applied as a preemergence band or broadcast treatment in drybeans at planting time in fields where Treflan has been applied as a preplant soil incorporated herbicide. Or AMIBEN® Herbicide may be applied several days prior to planting as a broadcast tank mix with Treflan. The tank mixture should be used as a spring preplant soil incorporated treatment. The combination of AMIBEN® Herbicide with Treflan improves broadleaf weed control of species such as Pennsylvania smartweed, velvetleaf and ragweed. For broadcast treatments, incorporate chemicals immediately and thoroughly to an approximate depth of 2 inches as described on the Treflan label.

Make all broadcast treatments according to the following table:

Soil Texture	AMIBEN® Qts/A	TREFLAN Pts/A
Loamy sand, sandy loam	4	1
Loam, silt loam, silt	4 to 5	1.5
Silty clay loam, silty clay, sandy clay, clay loam, clay	5 to 6	2

Do not use on muck or peat soils.

Use the higher rate of AMIBEN® when heavy populations of black nightshade, velvetleaf, mustard or smartweed are expected.

Before applying this combination read thoroughly all cautionary statements and all other information appearing on or attached to the containers of AMIBEN® Herbicide and Treflan.

P. 45/65

"AMIBEN®" AND "EPTAM" FOR DRYBEANS

AMIBEN® Chloramben Herbicide may be applied as a preplant soil incorporated tank mixture with "Eptam" herbicide. Or AMIBEN® may be applied preemergence over drybeans at planting time where Eptam has been applied as preplant soil incorporated treatment. When applied preemergence, effectiveness depends on adequate rainfall after treatment. When applied according to directions, this combination will control annual broadleaves including black nightshade, ragweed, Pennsylvania smartweed, wild mustard and annual grasses.

DIRECTIONS FOR USE

Apply AMIBEN® Herbicide either preplant soil incorporated or preemergence at a rate of 4 to 6 quarts per acre. Apply Eptam 7E preplant soil incorporated at a rate of 2.5 to 3.5 pints per acre. Use the higher rates on fine textured soils or where weed pressure is heavy.

The AMIBEN® plus Eptam tank mix should be incorporated immediately after application with a field cultivator, tandem disc, mulch treader, rolling cultivator or power driven tiller as described on the Eptam label. Thoroughly mix in the top 2-3" of the soil surface by incorporating twice in different directions. Refer to the Eptam label for further information on incorporation procedures.

Rainfall is not as critical for activation of AMIBEN® Herbicide when it is applied preplant incorporated as when surface applied.

Apply in 10 to 20 gallons of water per acre. To prepare the spray mixture refer to the "Mixing Instructions" portion of this label. Do not mix the concentrates before adding to water.

If sufficient rain does not occur within 5 days after spraying AMIBEN® preemergence, a light cultivation or incorporation with a rotary hoe or similar tool is recommended.

Do not use Eptam or an AMIBEN® plus Eptam tank mixture on adzuki beans, cowpeas (blackeye peas, blackeye beans), soybeans, lima beans or other flat podded beans except Romano. Under abnormal weather conditions stunting may occur on Gratiot, Michilite, Sanilac, Seafarer, and Seaway varieties. Do not use on muck or charcoal soils. Read and observe all directions and cautions on labels for both AMIBEN® and Eptam.

"AMIBEN®" PLUS "EPTAM" AND "TREFLAN" FOR DRYBEANS

AMIBEN® Chloramben Herbicide may be applied as a preplant soil incorporated tank mixture with "Eptam" and "Treflan" herbicides. Or AMIBEN® may be applied preemergence over drybeans at planting time where Eptam has been applied as preplant soil incorporated treatment. When applied preemergence, effectiveness depends on adequate rainfall after treatment. When applied according to directions, this combination will control annual broadleaves including black nightshade, ragweed, Pennsylvania smartweed, wild mustard and annual grasses.

DIRECTIONS FOR USE

Apply AMIBEN® Herbicide either preplant soil incorporated or preemergence at a rate of 4 to 6 quarts per acre. Apply Eptam preplant soil incorporated at a rate of 2.5 pints per acre and Treflan preplant soil incorporated at a rate of 1 pint per acre. Use the higher rate of AMIBEN® on fine textured soils or where weed pressure is heavy.

The AMIBEN® plus Eptam plus Treflan or the Eptam plus Treflan tank mixes should be incorporated immediately after application following the equipment and operating procedures described on the Eptam and Treflan labels.

Rainfall is not as critical for activation of AMIBEN® Herbicide when it is applied preplant incorporated as when surface applied.

Apply the tank mixture in 10 to 20 gallons of water per acre. To prepare the spray mixture refer to the "Mixing Instructions" portion of this label. (not mix the concentrates before adding to water.

If sufficient rain does not occur within 5 days after spraying AMIBEN® preemergence, light cultivation or incorporation with a rotary hoe or similar tool is recommended.

Do not use Eptam or an AMIBEN® plus Eptam plus Treflan tank mixture on adzuki beans, cowpeas (blackeye peas, blackeye beans), soybeans, lima beans or other flat podded beans except Romano. Under abnormal weather conditions stunting may occur on Gratiot, Michilite, Sanilac, Seafarer, and Seaway varieties. Do not use on muck or charcoal soils. Read and observe all directions and cautions on labels for AMIBEN®, Eptam and Treflan.

"AMIBEN®" AND "SONALAN" FOR DRYBEANS

AMIBEN® Chloramben Herbicide may be applied as a preemergence band or broadcast treatment in drybeans at planting time in fields where Sonalan has (an applied as a preplant soil incorporated herbicide. Or AMIBEN® Herbicide may be applied prior to planting as a broadcast tank mix with Sonalan. The tank mixture should be used as a spring preplant soil incorporated treatment. The combination of AMIBEN® Herbicide with Sonalan improves broadleaf weed control of species such as Pennsylvania smartweed, velvetleaf, common ragweed, black nightshade and wild mustard. For broadcast treatments, incorporate chemicals immediately and thoroughly to an approximate depth of 2 inches as described on the Sonalan label.

P. 4/65

Make all broadcast treatments according to the following table:

Soil Texture	AMIBEN® Qts/A	SONALAN Pts/A
Loamy sand, sandy loam	4	1.25 to 2.0
Loam, silt loam, silt	4 to 5	1.75 to 2.5
Silty clay loam, silty clay, sandy clay, clay loam, clay	5 to 6	2.25 to 3.0

Use the higher rate of AMIBEN® where a heavy population of smartweed, velvetleaf, ragweed, wild mustard or black nightshade are expected. Use the higher rate of Sonalan on finer textured soils and on soils with organic matter content over 3%.

"AMIBEN®" AND "PROWL" FOR DRYBEANS (except Adzuki beans)

A tank mixture of AMIBEN® Chloramben Herbicide and Prowl may be applied as a preplant soil incorporated herbicide treatment or AMIBEN® Herbicide may be applied as a preemergence broadcast treatment at planting time in drybean fields where Prowl has been applied as a preplant soil incorporated herbicide treatment.

When applied according to directions, tank mixtures of AMIBEN® Herbicide and Prowl herbicide either preplant incorporated or the sequential treatment of AMIBEN® preemergence over Prowl preplant incorporated will control fall panicum, signalgrass, Venice mallow and velvetleaf in addition to all other weeds listed on the AMIBEN® and Prowl labels.

For uniform application of the tank mixture of AMIBEN® and Prowl, use 10 to 20 gallons of water per acre with ground equipment or 3 to 5 or more gallons of water per acre by aircraft. To prepare the tank mixture refer to the "Mixing Instructions" portion of this label.

Except as directed in the "Conservation or Reduced Tillage" portion of this label, the seedbed should be free of existing weeds before application. Surface trash (plant residue from previous crop) should be uniformly distributed, and the seedbed should be free of clods. When using the tank mixture preplant soil incorporated or when using Prowl preplant incorporated followed by a preemergence application of AMIBEN® the herbicides should be applied within 7 days prior to planting. When applied as a preplant soil incorporated treatment the tank mixture of AMIBEN® plus Prowl should be thoroughly incorporated into the top 0 to 2 inches of soil using equipment and techniques described elsewhere on this label and on the Prowl label. When using the sequential treatment AMIBEN® should be applied at time of planting.

P. 7/65

Make all broadcast treatments according to the following table:

Soil Texture	AMIBEN® Qts/A	Prowl Pts/A
Loamy sand, sandy loam	4	1.0 to 2.0
Loam, silt loam, silt	4 to 5	1.5 to 2.5
Silty clay loam, silty clay, sandy clay, clay loam, clay	5 to 6	2.0 to 3.0

Use the higher rate of AMIBEN® when heavy populations of black nightshade, velvetleaf, wild mustard, common ragweed or Pennsylvania smartweed are expected. Use the higher rate of Prowl when treatments are incorporated on soils with more than 3% organic matter, or where heavy stands of foxtail, witchgrass or panicum are expected. Do not use on peat or muck soils.

If sufficient rain does not fall within 5 days after preemergence AMIBEN® treatment, but there is enough soil moisture to germinate weeds and soybeans a light cultivation with a rotary hoe or similar tool will uproot these small weeds. The shallow mixing of the herbicides into the soil surface will not interfere with their action when rains come. If drybean crop loss occurs due to weather conditions, drybeans may be replanted. If replanting is necessary, DO NOT rework the soil.

Before applying this combination, read thoroughly the cautionary statements and all other information appearing on or attached to the containers of both the Prowl and AMIBEN® herbicides.

"AMIBEN®" AND "PROWL" AND "EPTAM 7E" FOR DRYBEANS (except Adzuki beans)

A tank mixture of AMIBEN® Chloramben Herbicide and Prowl and Eptam 7E may be applied as a preplant soil incorporated herbicide treatment or AMIBEN® Herbicide may be applied as a preemergence broadcast treatment at planting time in drybean fields where Prowl and Eptam 7E have been applied as a preplant soil incorporated herbicide treatment.

When applied according to directions, tank mixtures of AMIBEN® Herbicide and Prowl herbicide and Eptam 7E either preplant incorporated or the sequential treatment of AMIBEN® preemergence over Prowl and Eptam 7E preplant incorporated will control fall panicum, signalgrass, Venice mallow nightshade and velvetleaf in addition to all other weeds listed on the AMIBEN®, Prowl and Eptam 7E labels.

For uniform application of the tank mixture of AMIBEN®, Prowl and Eptam 7E, use 10 to 20 gallons of water per acre with ground equipment or 3 to 5 or more gallons of water per acre by aircraft. To prepare the tank mixture refer to the "Mixing Instructions" portion of this label.

Except as directed in the "Conservation or Reduced Tillage" portion of this label, the seedbed should be free of existing weeds before application. Surface trash (plant residue from previous crop) should be uniformly distributed, and the seedbed should be free of clods. When using the tank mixture preplant soil incorporated or when using Prowl and Eptam preplant incorporated followed by a preemergence application of AMIBEN® the herbicides should be applied within 7 days prior to planting. When applied as a preplant soil incorporated treatment the tank mixture of AMIBEN® plus Prowl and Eptam 7E should be thoroughly incorporated into the top 0 to 2 inches of soil using equipment and techniques described elsewhere on this label and on the Prowl and Eptam 7E label. When using the sequential treatment, AMIBEN® should be applied at time of planting.

Make all broadcast treatments according to the following table:

Soil Texture	AMIBEN® Qts/A	Prowl Pts/A	Eptam 7E Pts/A
Loamy sand, sandy loam	4	1.0 to 2.0	2.5
Loam, silt loam, silt	4 to 5	1.5 to 2.5	2.5 to 3.0
Silty clay loam, silty clay, sandy clay, clay loam, clay	5 to 6	2.0 to 3.0	3.0 to 3.5

Use the higher rate of AMIBEN® when heavy populations of black nightshade, velvetleaf, wild mustard, common ragweed or Pennsylvania smartweed are expected. Use the higher rate of Prowl when treatments are incorporated on soils with more than 3% organic matter, or where heavy stands of foxtail, witchgrass or panicum are expected. Use the higher rate of Eptam 7E on finer textured soils or where weed pressure is heavy. Do not use on peat or muck soils.

If sufficient rain does not fall within 5 days after preemergence AMIBEN® treatment, but there is enough soil moisture to germinate weeds and soybeans a light cultivation with a rotary hoe or similar tool will uproot these small weeds. The shallow mixing of the herbicides into the soil surface will not interfere with their action when rains come. If drybean crop loss occurs due to weather conditions, drybeans may be replanted. If replanting is necessary, DO NOT rework the soil.

Before applying this combination, read thoroughly the cautionary statements and all other information appearing on or attached to the containers of Prowl, Eptam 7E and AMIBEN® herbicides.

"AMIBEN®" AND "DUAL" FOR DRYBEANS

A tank mixture of AMIBEN® Chloramben Herbicide and Dual 8E may be applied as a preplant soil incorporated herbicide treatment. AMIBEN® Herbicide may be applied as a preemergence broadcast tank mix treatment with Dual 8E during planting. Following a preplant soil incorporated application of Dual 8E, AMIBEN® Herbicide may be applied preemergence during planting.

When applied according to label directions, tank mixtures of AMIBEN® Herbicide and Dual will control all weeds controlled by AMIBEN® alone or by Dual alone including fall panicum, foxtail millet, red rice, signalgrass, witchgrass, yellow nutsedge and black nightshade. Refer to the general information section of this label and the Dual label for additional weeds controlled by AMIBEN® and Dual 8E.

For uniform application of the tank mixture of AMIBEN® and Dual, use 10 to 20 gallons of water with ground equipment. To prepare the tank mixture, refer to the "Mixing Instructions" portion of this label.

Apply AMIBEN® and Dual preplant incorporated or preemergence using the appropriate rates from the table below. For preplant incorporated treatments apply the tank mixture to the soil and incorporate into the top two inches of soil just before planting following the procedures in the "Directions for Incorporation" portion of this label. Use a preplant incorporated application if furrow irrigation is used or when a period of dry weather is expected. If drybeans are planted on beds apply and incorporate the tank mixture after bed formation. For preemergence treatments, apply the tank mixture during planting (behind the planter) or after planting before weeds or drybeans emerge. For sequential applications apply Dual 8E alone preplant incorporated and follow with a preemergence application of AMIBEN® Herbicide during planting (behind the planter) or after planting before weeds or drybeans emerge.

Make all broadcast treatments according to the following table:

Soil Texture	AMIBEN® Qts/A	Dual 8E Pts/A
Loamy sand, sandy loam	4	1.5
Clay loam, silt loam, silt	4 to 5	1.5 to 2.0
Silty clay loam, silty clay, sandy clay, clay loam, clay	5 to 6	2.0 to 2.5

Do not use on muck or peat soils.

Use the higher rate of AMIBEN® when heavy populations of black nightshade, velvetleaf, mustard or smartweed are expected. Use the higher rate of Dual when treatment is incorporated, when organic matter is over 3%, or when high populations of black nightshade, witchgrass, panicum, foxtail, or yellow nutsedge are expected.

Before applying this combination read thoroughly all cautionary statements and all other information appearing on or attached to the containers of AMIBEN® Herbicide and Dual 8E.

"AMIBEN®" AND "LASSO" FOR DRYBEANS

AMIBEN® Chloramben Herbicide may be applied as a preemergence broadcast treatment at time of planting fields where Lasso has been applied as a preplant soil incorporated treatment or a tank mixture of AMIBEN® and Lasso may be applied as a preplant soil incorporated treatment.

When applied according to label directions the tank mixture or the sequential treatment of AMIBEN® plus Lasso will control all weeds listed on both the AMIBEN® and Lasso labels including nightshade, ragweed, Pennsylvania smartweed, lambsquarters, foxtails and barnyardgrass when applied within 7 days prior to planting.

To prepare the tank mixture refer to the "Mixing Instructions" portion of this label. DO NOT mix AMIBEN® Herbicide and Lasso concentrates before the addition of water as an emulsion will not be formed.

When used as a tank mixture preplant soil incorporated the AMIBEN® herbicide and Lasso must be uniformly incorporated within 7 days prior to planting, no deeper than the top 2 inches of soil. Refer to the incorporation directions given elsewhere on this label and the Lasso label. Use the rates indicated in the table below.

When AMIBEN® is applied following a preplant soil incorporated application of Lasso follow the incorporation directions on the Lasso label. Apply as a broadcast treatment in 10 to 20 gallons of water per acre at the rates indicated in the table below.

Make all broadcast treatments according to the following table:

Soil Texture	AMIBEN® Qts/A	Lasso Qts/A
Very sandy sand, sandy loam	DO NOT USE	DO NOT USE
Loam, silt loam, silt	4 to 5	1.5 to 2.0
Silty clay loam, silty clay, sandy clay, clay loam, clay	5 to 6	2.0 to 2.5

Do not use on muck or peat soils

Before applying the tank mixture of AMIBEN® plus Lasso or AMIBEN® preemergence following Lasso preplant incorporated, read all directions and cautions on both the AMIBEN® and Lasso labels.

DIRECTIONS FOR USE ON SUNFLOWERS

AMIBEN® PREEMERGENCE OR PREPLANT INCORPORATED

AMIBEN® Chloramben Herbicide may be used on sunflowers as a preemergence or preplant incorporated herbicide. AMIBEN® may be applied and incorporated at planting or several days prior to planting. Uneven spray application or improper soil incorporation of AMIBEN® can produce erratic weed control. Incorporate the chemical in the top 0 to 2 inch level as most weeds sprout in this zone. Refer to the "Directions for Incorporation" portion of this label for equipment and operating procedures to be used for proper incorporation.

Make all broadcast treatments according

to the following table

Soil Texture	AMIBEN® Qts/A
Loamy sand, sandy loam	4 to 5
Loam, silt loam, silt	5 to 6
Silty clay loam, silty clay, sandy clay, clay loam, clay	6

Use the higher rate of AMIBEN® DS when heavy populations of black nightshade, velvetleaf, wild mustard, common ragweed or Pennsylvania smartweed are expected. To insure good spray coverage use 10 to 20 gallons of water per acre with ground equipment or a minimum of 5 gallons of water per acre by aircraft.

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 5 days after spraying AMIBEN® Herbicide as a preemergence treatment, 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.

In coarse textured soils heavy rains on incorporated AMIBEN® Herbicide may move it below the weed seed germination zone and produce erratic weed control.

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

DO NOT apply more than 6 quarts per acre of AMIBEN® Herbicide to the same field of sunflowers in the same season. "AMIBEN®" AND "PROWL" FOR SUNFLOWERS

A tank mixture of AMIBEN® Chloramben Herbicide and Prowl may be applied as a preplant soil incorporated herbicide treatment or AMIBEN® Herbicide may be applied as a preemergence broadcast treatment at planting time in sunflower fields where Prowl has been applied as a preplant soil incorporated herbicide treatment. The tank mixture of AMIBEN® plus Prowl may also be applied as a preemergence broadcast treatment.

When applied according to directions, tank mixtures of AMIBEN® Herbicide and Prowl herbicide either preplant incorporated or preemergence, or the sequential treatment of AMIBEN® preemergence over Prowl preplant incorporated will control fall panicum, signalgrass, Venice mallow and velvetleaf in addition to all other weeds listed on the AMIBEN® and Prowl labels.

For uniform application of the tank mixture of AMIBEN® and Prowl, use 10 to 20 gallons of water per acre with ground equipment or 3 to 5 or more gallons of water per acre by aircraft. To prepare the tank mixture refer to the "Mixing Instructions" portion of this label.

Except as directed in the "Conservation or Reduced Tillage" portion of this label, the seedbed should be free of existing weeds before application. Surface trash (plant residue from previous crop) should be uniformly distributed, and the seedbed should be free of clods. When using the tank mixture preplant soil incorporated or when using Prowl preplant incorporated followed by a preemergence application of AMIBEN® the herbicides should be applied within 7 days prior to planting. When applied as a preplant soil incorporated treatment the tank mixture of AMIBEN® plus Prowl should be thoroughly incorporated into the top 0 to 2 inches of soil using equipment and techniques described elsewhere on this label and on the Prowl label. When using the tank mixture preemergence, treatments should be made at planting or within 2 days after planting before weeds and sunflowers emerge.

Make all broadcast treatments according to the following table:

Soil Texture	AMIBEN® Qts/A	Prowl Pts/A
Loamy sand, sandy loam	4	1.0 to 2.0
Loam, silt loam, silt	4 to 5	1.5 to 2.5
Silty clay loam, silty clay, sandy clay, clay loam, clay	5 to 6	2.0 to 3.0

Use the higher rate of AMIBEN® when heavy populations of black nightshade, velvetleaf, wild mustard, common ragweed or Pennsylvania smartweed are expected. Use the higher rate of Prowl when treatments are incorporated on soils with more than 3% organic matter, or where heavy stands of foxtail, witchgrass or panicum are expected. Do not use on peat or muck soils.

If sufficient rain does not fall within 5 days after preemergence treatment, but there is enough soil moisture to germinate weeds and sunflowers a light cultivation with a rotary hoe or similar tool will uproot these small weeds. The shallow mixing of the herbicides into the soil surface will not interfere with their action when rains come. If sunflower crop loss due to weather conditions, sunflowers or soybeans may be replanted. If replanting is necessary, DO NOT rework the soil.

Before applying this combination, read thoroughly the cautionary statements and all other information appearing on or attached to the containers of both the Prowl and AMIBEN® herbicides.

"AMIBEN®" AND "TREFLAN" FOR WEED CONTROL IN SUNFLOWERS

GENERAL INFORMATION

AMIBEN® Chloramben Herbicide may be applied in a band or broadcast over sunflowers at planting time in fields where Treflan has been applied as a preplant soil incorporated herbicide, or AMIBEN® may be applied several days prior to planting as a broadcast tank mix with Treflan. The tank mixture should be used as a spring preplant soil incorporated treatment.

The combination of AMIBEN® Herbicide with Treflan improves broadleaf weed control of species such as mustard, Pennsylvania smartweed, velvetleaf and ragweed.

For broadcast treatments, incorporate chemicals immediately and thoroughly in the top 2 to 3 inches as most weeds sprout in this zone. Refer to the Treflan label for equipment and operating directions for incorporation of the tank mixture.

In coarse textured soils heavy rains on incorporated AMIBEN® may move it below the weed seed germination zone and cause erratic weed control.

If sufficient rain does not fall within 5 days after a preemergence application of AMIBEN®, but there is enough soil moisture to germinate weeds and grasses, a light cultivation with a rotary hoe or similar tool will uproot these small broadleaf weeds and grasses. The shallow mixing of AMIBEN® Herbicide in the surface soil will not interfere with the action of AMIBEN® when rains come.

DIRECTIONS FOR USE

Apply AMIBEN® Herbicide and Treflan at the rates indicated in the table below. If mustard, common ragweed or black nightshade are present, use higher rates of AMIBEN® for best control. Do not use on muck or charcoal soils. Read and observe all directions and precautions on the AMIBEN® chloramben and Treflan labels.

Make all broadcast treatments according to the following table:

Soil Texture	AMIBEN® Qts/A	TREFLAN 4EC Pts/A
Coarse	4	1.0
Medium	4 to 6*	1.5
Fine	4 to 6*	2.0

* Use the 6 quart rate if mustard, common ragweed or black nightshade is present for best control.

"AMIBEN®" AND "EPTAM" FOR SUNFLOWERS

For use only in the states of Minnesota, North Dakota and South Dakota.

AMIBEN® Chloramben Herbicide may be applied as a preplant soil incorporated tank mixture with "Eptam" herbicide. Or AMIBEN® may be applied preemergence over sunflowers at planting time where Eptam has been applied as preplant soil incorporated treatment. When applied preemergence, effectiveness depends on adequate rainfall after treatment. When applied according to directions, this combination will control annual broadleaves including black nightshade, ragweed, Pennsylvania smartweed, wild mustard and annual grasses.

DIRECTIONS FOR USE

Apply AMIBEN® Herbicide either preplant soil incorporated or preemergence at a rate of 4 to 6 quarts per acre. Apply Eptam 7E preplant soil incorporated at a rate of 2.5 to 3.5 pints per acre. Use the higher rates on fine textured or high organic matter soils, or where weed pressure is heavy.

The AMIBEN® plus Eptam tank mix should be incorporated immediately after application with a field cultivator, tandem disc, mulch treader, rolling cultivator or power driven tillage as described on the Eptam label. Thoroughly mix in the top 2-3" of the soil surface by incorporating twice in different directions. Refer to the Eptam label for further information on incorporation procedures.

Rainfall is not as critical for activation of AMIBEN® Herbicide when it is applied preplant incorporated as when surface applied.

Apply in 10 to 20 gallons of water per acre. To prepare the spray mixture refer to the "Mixing Instructions" portion of this label. Do not mix the concentrates before adding to water.

If sufficient rain does not occur within 5 days after spraying AMIBEN® preemergence, a light cultivation or incorporation with a rotary hoe or similar tool is recommended.

P. 56/
65

"AMIBEN®" AND "LASSO" FOR SUNFLOWERS

A tank mixture of AMIBEN® Chloramben Herbicide and Lasso may be applied as a preplant soil incorporated herbicide treatment. AMIBEN® Herbicide may be applied as a preemergence broadcast tank mix treatment with Lasso during planting. Following a preplant soil incorporated application of Lasso, AMIBEN® may be applied preemergence during planting.

For uniform application of the tank mixture of AMIBEN® Herbicide and Lasso use 10 to 20 gallons of water per acre for ground application. To prepare the tank mixture refer to the "Mixing Instructions" portion of this label. DO NOT mix AMIBEN® Herbicide and Lasso concentrates before the addition of water as an emulsion will not be formed.

Apply AMIBEN® and Lasso preplant incorporated or preemergence using the appropriate rates from the table below. For preplant incorporated treatments apply the tank mixture to the soil and incorporate into the top two inches of soil as directed in the "Directions for Incorporation" portion of this label. For preemergence treatments, apply the tank mixture during planting (behind the planter) or after planting before weeds or sunflowers emerge. For sequential applications apply Lasso alone preplant incorporated as specified on the Lasso label. Follow with a preemergence application of AMIBEN® Herbicide during planting (behind the planter).

With preemergence treatments rain is necessary to move the chemicals into the soil and make them available to control germinating weed seeds. If no rainfall occurs within 5 days following application, a shallow incorporation no deeper than 2 inches is recommended. High intensity or excessive rainfall after application may reduce control.

Make all broadcast treatments according to the following table:

Soil Texture	AMIBEN® Qts/A	Lasso Qts/A
Loamy sand, sandy loam	4	1.5 to 2.0
Loam, silt loam, silt	4 to 5	2.0 to 2.5
Silty clay loam, silty clay, sandy clay, clay loam, clay	5 to 6	2.5 to 3.0

Use the higher rate of AMIBEN® when heavy populations of black nightshade, velvetleaf, mustard or smartweed are expected. Use the higher rate of Lasso when treatment is incorporated or when high populations of Black nightshade, witchgrass or foxtail are expected.

Read thoroughly the cautionary statements and all other information appearing on labels for both Lasso and AMIBEN®.

Pi 57/65

DIRECTIONS FOR USE ON PEANUTS

AMIBEN® CRACKING APPLICATIONS ON PEANUTS

AMIBEN® Chloramben Herbicide controls many annual grass and broadleaf weeds in peanuts when applied as a cracking treatment. It is especially effective in controlling Florida beggarweed (Desmodium tortuosum).

DIRECTIONS FOR USE:

Apply AMIBEN® at a rate of 4 to 6 quarts per broadcast acre. Apply as a ground cracking treatment when the first weeds become visible and up to the time when the oldest peanut plants reach the two leaf stage. Use a minimum of 5 gallons of water per acre for air applications or 10 gallons of water per acre for ground applications. If weeds have begun to emerge at time of application addition of 1 quart per acre of crop oil concentrate is recommended to improve control of these weeds.

DO NOT apply more than 6 quarts per acre of AMIBEN® Herbicide to the same field of peanuts in the same season.

FOR PEANUTS IN OKLAHOMA AND NORTH TEXAS

Plant and treat in the same operation. Apply at the rate of 4 to 6 quarts AMIBEN® Chloramben Herbicide per broadcast acre. The higher rate should be used on clay loams, clay or high organic (3 to 8 percent) mineral soils. 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 5 days after spraying AMIBEN® Herbicide, 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.

DO NOT apply more than 6 quarts per acre of AMIBEN® Herbicide to the same field of peanuts in the same season.

P. 58/
65

DIRECTIONS FOR USE ON SWEET POTATOES

Apply AMIBEN® Chloramben Herbicide at the rate of 8 quarts 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 as high as possible over the sweet potato row and treated band. For best results, plant and treat at the same time.

DIRECTIONS FOR USE ON SQUASH AND PUMPKIN

Treat preplant incorporated or preemergence at planting time. Follow incorporation instructions in the appropriate section of this label.

In coarse textured soils, heavy rains on incorporated AMIBEN® Chloramben Herbicide may move it below the weed seed germination zone and produce erratic control.

For preemergence application, the sprayer may be mounted on the planter so that spraying and seeding are carried out in the same operation. Apply 6 quarts of AMIBEN® on lighter soils and 8 quarts of AMIBEN® on heavier or high organic soils per broadcast acre in at least 10 to 20 gallons of water. If band applications are used, calculate the rate by dividing the band width by the row width and multiplying by 6 or 8 quarts of AMIBEN® per broadcast acre whichever is appropriate for your soil type. After squash or pumpkin emerge, use normal cultivations to control weeds that grow in strips unprotected by any chemical.

P. 59/65

BAND TREATMENTS

Row Width	Band Width	Qts AMIBEN® Per Band Acre	
		Lighter Soils	Heavier or High Organic Soils
72 inch	14 inch	1.2	1.6
	20 inch	1.7	2.2
76 inch	14 inch	1.1	1.5
	20 inch	1.6	2.1
80 inch	14 inch	1.1	1.4
	20 inch	1.5	2.0

DIRECTIONS FOR USE ON SEEDLING ASPARAGUS

Apply 6 quarts of AMIBEN® Chloramben Herbicide per broadcast acre in about 10 to 20 gallons of water as soon at time of planting. Irrigation with about 1/2 inch of water after applying AMIBEN® is suggested to produce maximum weed control.

DIRECTIONS FOR USE ON LIMA BEANS

Apply 4 to 8 quarts of AMIBEN® Chloramben Herbicide per broadcast acre in about 10 to 20 gallons of water.

Treat preplant incorporated or preemergenc. at planting time. Follow incorporation instructions under the appropriate section of this label.

In coarse textured soils, heavy rains on incorporated AMIBEN® Herbicide may move it below the weed seed germination zone and produce erratic weed control.

If band applications are used, calculate the rate by dividing the band width by the row width and multiplying by 4, 5, 6, or 8 quarts of AMIBEN® per broadcast acre whichever is appropriate for your weed problem and soil type. Mount band sprayer on planter so that spraying and seeding are carried out in the same operation. Make final adjustment on proper nozzle height when actually spraying the field.

DIRECTIONS FOR USE ON SNAPBEANS (GREEN AND YELLOW)

Apply AMIBEN® at the rate of 4 to 5 quarts per broadcast acre as a preemergence treatment in sufficient water for good spray coverage (10 to 20 gallons of water per acre). Use the higher rate of AMIBEN® on heavy or high organic mineral soils or where Black Nightshade is a problem. Use the lower rate on loam soils. Do not use on sandy soils low in clay content or with less than 1% organic matter. Attach the applicator to the planter so that planting and spraying are done in the same operation. Rain or sprinkler irrigation carries AMIBEN® into the soil where weed seeds sprout. If weeds begin to emerge after AMIBEN® application, but prior to rainfall or irrigation, a light cultivation is recommended to up-root the small broadleaf weeds and grasses. The shallow mixing of AMIBEN® in the soil surface will not interfere with its weed killing action when rain comes.

WARNING: Stunting of beans has been observed when rains wash the chemical into contact with the germinating seed or the root system of young plants. Under good growing conditions plants normally recover and yields are generally not affected.

Heavy or prolonged rainfall may move AMIBEN® below the weed seed germination zone and produce erratic weed control.

"AMIBEN®" AND "DUAL" FOR SNAPBEANS (GREEN AND YELLOW)

AMIBEN® Herbicide may be applied as a preemergence broadcast tank mix treatment with Dual 8E during planting. Following a preplant soil incorporated application of Dual 8E, AMIBEN® Herbicide may be applied preemergence during planting.

When applied according to label directions, tank mixtures of AMIBEN® Herbicide and Dual will control all weeds controlled by AMIBEN® alone or by Dual alone including fall panicum, foxtail millet, red rice, signalgrass, witchgrass, yellow nutsedge and black nightshade. Refer to the General formation section of this label and the Dual label for additional weeds controlled by AMIBEN® and Dual 8E.

For uniform application of the tank mixture of AMIBEN® and Dual, use 10 to 20 gallons of water with ground equipment. To prepare the tank mixture, refer to the "Mixing Instructions" portion of this label.

Apply AMIBEN® and Dual using the appropriate rates from the table below. For preemergence treatments, apply the tank mixture during planting (behind the planter) or after planting before weeds or snapbeans emerge. For sequential applications apply Dual 8E alone preplant incorporated and follow with a preemergence application of AMIBEN® Herbicide during planting (behind the planter) or after planting before weeds or snapbeans emerge.

P. 6/1/65

Make all broadcast treatments according to the following table:

Soil Texture	AMIBEN® Qts/A	Dual 8E Pts/A
Loamy sand, sandy loam	DO NOT USE	1.5 to 2.0
Loam, silt loam, silt	4 to 5	2.0 to 2.5
Silty clay loam, silty clay, sandy clay, clay loam, clay	4 to 5	2.0 to 3.0

Do not use on muck or peat soils.

Use the higher rate of AMIBEN® when heavy populations of black nightshade, velvetleaf, mustard or smartweed are expected. Use the higher rate of Dual when treatment is incorporated, when organic matter is over 3%, or when high populations of black nightshade, witchgrass, panicum, foxtail, or yellow nutsedge are expected.

Before applying this combination read thoroughly all cautionary statements and all other information appearing on or attached to the containers of AMIBEN® Herbicide and Dual 8E.

DIRECTIONS FOR USE ON FIELD SEEDED TOMATOES PROTECTED WITH ACTIVATED CARBON

AMIBEN® Chloramben Herbicide may be applied as a broadcast preemergence herbicide treatment on field seeded tomatoes which have been protected by the use of an activated carbon plus vermiculite anticrustant system as described below. Do not use AMIBEN® on field seeded tomatoes without the use of the activated carbon plus vermiculite protection system as crop injury will result.

Thoroughly mix 1 pound of activated carbon with each cubic foot of number 2 or number 3 horticultural grade vermiculite. Apply 1 cubic foot of this mixture per 600 feet of seeded row (15 cubic feet per acre) by filling the seed furrow with the mixture. Use a positive feed applicator to deliver the activated carbon plus vermiculite anticrustant mixture to the seed furrow directly ahead of the planter press wheel.

Immediately after seeding apply 4 to 6 quarts per acre of AMIBEN® in 10 to 40 gallons of water per acre as a broadcast treatment. Use only on medium or heavy soils. Use the higher rate of AMIBEN® on heavier soils or where high populations of black nightshade, velvetleaf, mustard or smartweed are expected.

The use of the activated carbon plus vermiculite anticrustant system in the seed furrow will protect the tomato seedling from the phytotoxic effects of AMIBEN®. When used in this manner AMIBEN® will not control weed seeds germinating within the vermiculite treated row.

P. 62/65

DIRECTIONS FOR USE ON FIELD SEEDED CUCUMBERS PROTECTED WITH ACTIVATED CARBON

AMIBEN® Chloramben Herbicide may be applied as a broadcast preemergence herbicide treatment on field seeded cucumbers which have been protected by the use of an activated carbon plus vermiculite anticrustant system as described below. Do not use AMIBEN® on field seeded cucumbers without the use of the activated carbon plus vermiculite protection system as crop injury will result.

Thoroughly mix 1 pound of activated carbon with each cubic foot of number 2 or number 3 horticultural grade vermiculite. Apply 1 cubic foot of this mixture per 600 feet of seeded row (15 cubic feet per acre) by filling the seed furrow with the mixture. Use a positive feed applicator to deliver the activated carbon plus vermiculite anticrustant mixture to the seed furrow directly ahead of the planter press wheel.

Immediately after seeding apply 4 to 6 quarts per acre of AMIBEN® in 10 to 40 gallons of water per acre as a broadcast treatment. Use only on medium or heavy soils. Use the higher rate of AMIBEN® on heavier soils or where high populations of black nightshade, velvetleaf, mustard or smartweed are expected.

The use of the activated carbon plus vermiculite anticrustant system in the seed furrow will protect the cucumber seedling from the phytotoxic effects of AMIBEN®. When used in this manner AMIBEN® will not control weed seeds germinating within the vermiculite treated row.

DIRECTIONS FOR USE ON FIELD SEEDED CANTALOUPE PROTECTED WITH ACTIVATED CARBON

AMIBEN® Chloramben Herbicide may be applied as a broadcast preemergence herbicide treatment on field seeded cantaloupe which have been protected by the use of an activated carbon plus vermiculite anticrustant system as described below. Do not use AMIBEN® on field seeded cantaloupe without the use of the activated carbon plus vermiculite protection system as crop injury will result.

Thoroughly mix 1 pound of activated carbon with each cubic foot of number 2 or number 3 horticultural grade vermiculite. Apply 1 cubic foot of this mixture per 600 feet of seeded row (15 cubic feet per acre) by filling the seed furrow with the mixture. Use a positive feed applicator to deliver the activated carbon plus vermiculite anticrustant mixture to the seed furrow directly ahead of the planter press wheel.

Immediately after seeding apply 4 to 6 quarts per acre of AMIBEN® in 10 to 40 gallons of water per acre as a broadcast treatment. Use only on medium or heavy soils. Use the higher rate of AMIBEN® on heavier soils or where high populations of black nightshade, velvetleaf, mustard or smartweed are expected.

The use of the activated carbon plus vermiculite anticrustant system in the seed furrow will protect the cantaloupe seedling from the phytotoxic effects of AMIBEN®. When used in this manner AMIBEN® will not control weed seeds germinating within the vermiculite treated row.

p. 63/65

DIRECTIONS FOR USE ON 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.

Apply 4 quarts of AMIBEN® Chloramben Herbicide per acre in at least 10 to 20 gallons of water. Plant and treat at the same time.

Plant corn at least 2 to 2 1/2 inches deep. Do not use AMIBEN® on corn grown in light textured sandy soils.

AMIBEN® AND "ATRAZINE" 80W TANK MIXTURE

Application: Apply a tank mixture of AMIBEN® Chloramben Herbicide and Atrazine 80W during or immediately after planting. 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® and 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 of use: For silty loam soils apply 2 quarts of AMIBEN® and 1.25 pounds of Atrazine. For heavier soils, apply 2 quarts of AMIBEN® and 2.5 pounds of Atrazine or 3 quarts of AMIBEN® and 1.87 pounds of Atrazine. This mixture is not recommended for use on very light soils such as sands, or sandy loams.

PRECAUTIONARY STATEMENTS

CAUTION

(HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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

STATEMENT OF PRACTICAL TREATMENT

If swallowed, call a physician or Poison Control Center. Drink 1 to 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

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

In case of eye contact flush with plenty of water. Get medical attention.

If inhaled, remove victim to fresh air.

P. 64/65

ENVIRONMENTAL HAZARDS

Do not apply directly to water. 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.

Clean sprayers thoroughly before using to apply AMIBEN®. To clean sprayer after using AMIBEN®, 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 graze treated field of sunflowers or use these plants as livestock feed.

STORAGE AND DISPOSAL

Do not store near fertilizers, seed, insecticides, or fungicides. Open dumping is prohibited.

PESTICIDE DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL

Do not reuse empty container. Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities.

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

P. 65/65

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 OR 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 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 ON 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.

AMIBEN® and BUTYRAC® 200 are registered trademarks of Union Carbide Agricultural Products, Company, Inc.

Blazer is a registered trademark of Rohm and Haas Company.

Flan and Surflan are registered trademarks of Elanco Products Company.

Lasso and Roundup are registered trademarks of Monsanto Company.

Dual is a registered trademark of Ciba-Geigy Corporation.

Sencor is a registered trademark of Farbenfabrik Bayer GmbH, Leverkusen.

Lorox and Lexone are registered trademarks of E.I. duPont de Nemours and Company.

Prowl is a registered trademark of American Cyanamid Company.

Alanap and Dyanap are registered trademarks of Uniroyal, Inc.

Premerge is a registered trademark of Dow Chemical Company.

Reward and Eptam are registered trademarks of Stauffer Chemical Company.

Basalin is a registered trademark of BASF Wyandotte Corporation.