

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, Aitona, 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® chloramben 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® chloramben herbicide and the Lexone/Sencor labels. Do not use vines treated with the AMIBEN®, metribuzin tank mix for feed or forage.

**AMIBEN® CHLORAMBEN HERBICIDE AND "LOROX" SOW TANK MIXTURE FOR SOYBEANS**

A tank mixture of AMIBEN® herbicide and Lorox 50W will control annual weeds such as barnyardgrass, carpetweed, crabgrass, fall panicum, foxtail, lambsquarters, pigweed, ragweed and smartweed. Velvetleaf and cocklebur often germinate in soil at depths below the chemical penetration. Even though populations of these weeds are reduced under normal rainfall conditions, 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.

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

Make all broadcast treatments according to the following table:

Soil Texture	2% or Less Organic Matter		Greater Than 2% Organic Matter	
	AMIBEN® Gals/A	Lorox Lbs/A	AMIBEN® Gals/A	Lorox Lbs/A
Sandy Loam	3	2 1/2 to 1 1/2	3	1 1/2 to 2
Silt Loam	3	1 to 1 1/2	4	1 1/2 to 2 1/2
Clay Loam	4	1 1/4 to 2	4 to 5	2 to 3

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® CHLORAMBEN HERBICIDE 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 herbicide 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, mix AMIBEN® herbicide well in the spray tank with one half to three fourths of the required water. Add Basalin herbicide to the tank while agitator is running and fill with the remaining required water. Maintain good agitation at all times until spraying is completed. 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. The seedbed should be firm and free of clods and trash. Basalin is to be incorporated into the soil within eight hours of application prior to planting. For best results of preplant incorporation of Basalin herbicide read all instructions and cautions on the Basalin label.

Apply AMIBEN® herbicide at a rate of 4 to 8 quarts per broadcast acre. Apply Basalin herbicide at 1.5 to 3 pints per broadcast acre. Use the higher rate of the 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® CHLORAM BEN HERBICIDE AND "VERNAM" FOR SOYBEANS**

**GENERAL INFORMATION**

A tank mixture of AMIBEN® chloramben herbicide and Vernam 7E can be used prior to planting for weed control in soybeans or AMIBEN® may be applied over soybeans at planting time when Vernam 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 - teasel	Pigweed (redroot & smooth)
Ragweed (common)	Purslane
Smartweed (Pennsylvania)	Sicklepod
	Spurge (annual)

**DIRECTIONS FOR USE**

Vernam 7E must be incorporated into the soil immediately (within minutes) to prevent loss of the herbicide. Whenever possible application and incorporation of Vernam or a tank mixture of AMIBEN® and Vernam should be done in the same operation.

**Incorporation Information:**

Use (1) power driven cultivation equipment set to cut a depth of 2 to 3 inches or (2) a tandem disc

set to cut to a depth of 4 to 6 inches, operated at 4 to 6 mph followed by a spiked-tooth harrow or other leveling device which extends beyond the disc. For thorough mixing, disc in 2 different directions (cross disc). Prior to the second discing, raise the disc to prevent cutting deeper than 4 to 6 inches.

**Sequential Applications:**

Before planting, apply Vernam 7E at the rates listed in the table below for your soil type. Incorporate into the soil as described above and on the Vernam label. At or after planting apply AMIBEN® chloramben herbicide at the rates listed in the table below as a broadcast treatment.

Make all broadcast treatments according to the following table:

Soil Type	AMIBEN® Qts/Acre	Vernam 7E Pts/Acre
Coarse (sandy-light)	4	2 1/3
Medium to Fine (sandy loam to clay loam)	5	3
Fine to very fine (clay)	6	3 1/2

**Tank Mix Application:**

On medium textured soils a tank mixture of 5 quarts AMIBEN® and 2 1/3 pints Vernam 7E may be applied and incorporated prior to planting. Follow the incorporation directions described above. To prepare the tank mixture fill the spray tank 1/2 full of water and with agitation running add the required amount of AMIBEN®

Next add the required amount of Vernam to the spray tank with agitation running and fill with the

remaining required water. Apply in 10 to 20 gallons of water per acre.

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

**AMIBEN® CHLORAM BEN HERBICIDE TANK MIX WITH "SURFLAN" FOR WEED CONTROL IN SOYBEANS**

**GENERAL INFORMATION**

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

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

**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	1/2 to 3/4	2/3 to 1
Medium Soils	4 to 6	3/4 to 1	1 to 1 1/3
Fine Soils	4 to 6	1 to 1 1/4	1 1/3 to 1 2/3