

SOYAZINE
0 W.P.
HERBICIDE

FOR CONTROL OF CERTAIN GRASSES
AND BROADLEAF WEEDS IN SOYBEANS

BEST DOCUMENT AVAILABLE

- . Broadcast or band.
- . Apply by ground or air.
- . Activates with minimum moisture.
- . Apply alone or in combination with other pre-plant or pre-emergent grass killers.
- . No soil carryover when used as directed, allows crop rotation.
- . Mixes easily without pre-mixing or heavy agitation.

ACTIVE INGREDIENT:

4-Amino-6-(1, 1-dimethyl-2-pyrazol-1-yl)-1, 3, 5-triazin-2(1H)-one 50%

INERT INGREDIENTS 50%

Net Weight: 10 lbs.
EPA Reg. No. 274-2

CAUTION: Keep out of reach of children.

Harmful if inhaled or swallowed. Do not get in contact with eyes, skin or clothing. Do not breathe dust or spray mist. Wash thoroughly with soap and warm water after handling. Wash contaminated clothing with soap and hot water before reuse.

Do not reuse empty containers. Destroy empty containers by burying with waste or by burning. Keep out of smoke.

GENERAL INFORMATION

SOYAZINE 50 Soluble Powder is recommended for use in ground or aircraft spray equipment for pre-emergence surface application to soybeans.

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A minimum amount of soil moisture is required to activate SOYAZINE 50% Wettable Powder. In areas of low rainfall, pre-emergence applications to dry soil should be followed with light irrigation. Do not apply a heavy irrigation immediately after application. As with many surface-applied herbicides, weed control and crop tolerance may vary with rainfall and/or soil texture.

The soil surface and seed bed should be well-prepared and free of trash and clods. Seed must be planted at least 1 1/2 inches below the soil surface. Distribute the chemical uniformly over the area to be treated. Do not incorporate into the soil.

MIXING:

Fill the spray tank half full with clean water and add SOYAZINE 50% Wettable Powder at the recommended rate. Mix thoroughly and add water to fill spray tank. Maintain sufficient agitation during mixing and spraying operations to insure a uniform spray mixture.

It is essential that the sprayer be accurately calibrated before applying SOYAZINE 50% Wettable Powder. Avoid boom-overlaps that will increase dosages above those recommended. Check the sprayer frequently during application to be sure it is working properly and delivering a uniform spray pattern.

Ground Application: Make a single application as a band or broadcast spray during the planting or in a separate operation after planting but before the crop emerges.

Use a ground boom sprayer (20 to 40 psi) herbicide boom sprayer equipped with fan tips and a screen no finer than 50-mesh in nozzle and line openings. Spray equipment should be calibrated to apply 2 to 4 pounds of spray mixture per acre broadcast or, for band application, 1 to 2 pounds per foot of band width, regardless of row spacing.

Aerial Application: SOYAZINE 50% Wettable Powder is recommended for use in pre-emergence surface application for the control of broadleaf weeds in soybeans. Make a single application after planting but before the crop emerges.

Use a ground boom sprayer (20 to 40 psi) aerial herbicide boom sprayer equipped with fan tips and a screen no finer than 50-mesh in nozzle and line openings. Spray equipment should be calibrated to apply the recommended amount of SOYAZINE 50% Wettable Powder in 2 to 4 pounds of spray mixture per acre. SOYAZINE 50% Wettable Powder must be mixed with water for these concentrate aerial sprays. However, if the spray mixture is allowed to stand unagitated, redispersion

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of the settled powder becomes difficult. Therefore, maintain agitation or recirculation of the spray mix until tank is empty.

SPRAYER CLEANUP:

Spray equipment must be thoroughly cleaned to remove remaining traces of herbicide that might injure other crops to be sprayed. Drain any remaining spray solution of SOYAZINE from the spray tank and discard in non-crop areas away from water supplies. Rinse the spray tank and refill with water, adding a heavy-duty detergent at the rate of one cup per 20 gallons of water. Recycle this mixture through the equipment for 5 minutes and spray out. Repeat this procedure twice. Fill the spray tank with clean water, recycle for 5 minutes, and spray out. Clean pump and nozzle screens thoroughly. Wash away any spray mixture from the outside of spray tank, nozzles or spray rig.

RESTRICTIONS:

Do not use on other crops grown for food or forage. Use only according to label directions. Do not contaminate any body of water nor apply to any area not specified on the label.

Do not allow sprays to drift on to adjacent desirable plants.

WEEDS CONTROLLED

SOYAZINE Wettable Powder, applied pre-emergent to soybeans according to directions, will effectively control:

GRASS WEEDS:

Crabgrass
Crownfootgrass
Giant foxtail
Green foxtail
Yellow foxtail
Seedling johnsongrass
Fall panicum
Singularis (Brachiaria)

BROADLEAF WEEDS:

Buffalobur
Carpetweed
Cocklebur
Daubentonia
Jimsonweed
Lambquarters
Venice mallow
Wild mustard
Prostrate pigweed
Poundweed (carelessweed)
Smooth pigweed
Velvetleaf
Florida purslane (Florida pusley,
Richardia scabra)
Common ragweed
Sesbania (Coffeeweed, Coffeebean)
Shepherdspurse
Tickleweed (Cassia)
Prickly sida (Spiny sida, teaweed)
Peanut green smartweed
Footed smartweed

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HARD-TO-CONTROL WEEDS

Although SOYAZINE 50% Wettable Powder may not provide commercially acceptable control in every instance, it will suppress growth of the following weeds and reduce their competition with soybean plants;

GRASS WEEDS:

Barnyard grass (watergrass)
Yellow nutsedge

BROADLEAF WEEDS:

Common purslane

DIRECTIONS FOR USE:

RECOMMENDED APPLICATIONS

Pre-emergence

CROP

REMARKS

BROADCAST: Select the proper dosage shown below based on soil type and percent organic matter. Apply proper dosage in 10 to 40 gallons of water per acre with ground equipment or 2 to 10 gallons of water per acre with aircraft equipment as a broadcast spray to the soil surface. Application may be made during planting or as a separate operation after planting but before the crop emerges. Use flat fan spray tips or suitable nozzles designed for broadcast application of herbicides with boom sprayers. Do not apply to sandy soils. Do not apply to light soils (sandy and loamy sand) containing less than 2% organic matter. Seed must be planted at least 1½ inches below soil surface. Do not incorporate into the soil. Do not apply more than once per season. Do not use treated vines for feed or forage

ORGANIC MATTER

		Less than 2%	2 to 4%	Over 4%
Soybeans	LIGHT SOILS (Sandy loam, loamy sand)	DO NOT USE	3-4	1
	MEDIUM SOILS (Loam, silt loam, silt, sandy clay, sandy clay loam)	3-4 to 1	1 to 1½	1½ to 1¾
	HEAVY SOILS (Silty clay, silty clay loam, clay, clay loam)	1 to 1½	1½ to 1¾	1¾ to 1-3/4
	Mississippi Delta only	1½	1-3/4	2

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BAND: Use proportionally less SOYAZINE 50% W.P. per acre.

EXAMPLES: To treat a 15-inch band on rows 30 inches apart, use one-half of the broadcast rate.

To treat a 14-inch band on rows 42 inches apart, use one-third of the broadcast rate.

Use flat fan spray tips mounted behind press or row wheel for application during planting. SOYAZINE 50% W.P. may be applied in a separate operation after planting but before the crop emerges. Weeds between treated bands should be removed by cultivating as needed, using protective fenders to keep freshly turned soil off treated bands. Do not apply to sandy soils. Do not apply to light soils (sandy loam and loamy sand) containing less than 2% organic matter. Seed must be planted at least 1½ inches below soil surface. Do not incorporate into the soil. Do not apply more than once per season. Do not use treated vines for feed or forage.

Uses of SOYAZINE in Combination With Other Herbicides

SOYAZINE TREFLAN Overlay Application

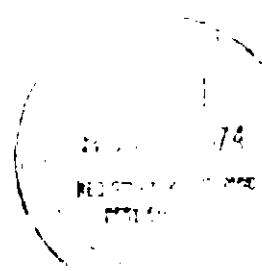
SOYAZINE may be applied as a pre-emergent broadcast or band overlay application following a pre-plant incorporated treatment of Treflan. Consult the Treflan label for specified directions for use, recommendations, restrictions and any additional weeds not specified on this label.

SOYAZINE LASSO Tank Mix Application

SOYAZINE 50 Wettable Powder may be applied in a tank-mix combination with Lasso as a pre-emergence broadcast or band application to soybeans in accordance with the specified soil types and dosages recommended.

For specific information regarding spray equipment, dilution rates, mixing, directions for use, methods of application, limitations and restrictions refer to the appropriate section of this label.

Refer to the Lasso label for pertinent recommendations, directions for use, restrictions and any additional weeds not specified on this label.



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SOYAZINE Bounds 50% W.P. + Lasso Quarts
SOYBEANS

SOIL TEXTURE	2% or Less Organic Matter		Greater than 2% Organic Matter	
	SOYAZINE LBS./- Lasso QTS./ ACRE	ACRE	SOYAZINE LBS./+ Lasso QTS./ ACRE	ACRE
LIGHT SOILS (Sandy loam)	$\frac{1}{2}$	+ $1\frac{1}{2}$ to 2	$\frac{3}{4}$	+ $1\frac{1}{2}$ to 2
MEDIUM SOILS (Loam, silt loam, silt, sandy clay, sandy clay loam)	$\frac{3}{4}$	+ $1\frac{1}{2}$ to 2	1	+ $1\frac{1}{2}$ to 2
HEAVY SOILS (Silty, clay, silty clay loam, clay, clay loam)	1	+ 2	$1\frac{1}{2}$	+ 2 to $2\frac{1}{2}$
SOYAZINE LBS./ACRE - Lasso QTS./ACRE				
Mississippi Delta Only (Silty clay to heavy clay)	2		2 to $2\frac{1}{2}$	

Do not use Lasso plus SOYAZINE on sand or loamy sand soils with less than 2% organic matter. Do not use on muck soils.

NOTE

SOYAZINE must be applied in strict accordance with the "DIRECTIONS FOR USE" and "RECOMMENDED APPLICATION" outlined above. Applications of SOYAZINE made at rates above those recommended may result in burning, yellowing, or stunting of the crop. If heavy rains occur soon after application, plant injury may result, especially in poorly drained areas where water may stand for several days. Do not plant any crop other than soybeans on fields treated with SOYAZINE within 4 months (120 days) after treatment.

Treflan is registered trade name of Elanco Co.
Lasso is registered trade name of Monsanto Co.

Manufactured for: Aceto Chemical Co., Inc.
Agricultural Chemicals Division
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Flushing, N. Y. 11368

