

GENERAL INSTRUCTIONS

SOLO herbicide controls the following annual grasses and broadleaf weeds:

Annual grasses - Foxtail, crabgrass, barnyardgrass, goosegrass and seedling johnsongrass.

Broadleaf Weeds - Smartweed, ragweed, annual morningglory, cocklebur, velvetleaf, jimsonweed, lambsquarters, pigweed, purslane, wild mustard, and teasweed (prickly sida). giant ragweed and wild sunflower. Large seeded weeds which germinate below the lowest level of downward chemical movement will not be controlled.

PREPARATION OF SOIL: The area to be treated must be free of all weeds at the time of application. SOLO will not control established weeds. It is important to have a smooth soil surface. If area to be treated has been plowed, the soil clods should be broken up. But care should be taken not to pulverize clay soils low in organic matter.

METHOD OF APPLICATION: (a) Uniform distribution over the soil surface at the recommended rate is essential. (b) Always apply SOLO within 48 hours after planting. (c) SOLO should not be worked into the soil surface at planting time. However, rotary hoeing does not interfere with its performance. Should crusting of the soil occur due to heavy rains, rotary hoeing is recommended as soon as field conditions permit. Rotary hoeing is recommended also if rainfall is not received within one week of SOLO application.

STORAGE AND HANDLING: Store above 28° F. Storage temperatures of 28° F. have had no effect on this product. Below 28° F. some crystallization may occur and warming to 30-35° F. (no stirring required) is necessary to restore it to its original form.

EQUIPMENT CLEANING: Thoroughly rinse spray tank, hose and nozzles with water after application. Use SOLO in metal tanks. The material is difficult to remove from wooden tanks. It can be removed from metal tank by washing thoroughly with ammonia water and rinsing several times with water containing a good detergent.

CONTAINER DISPOSAL: Chop holes in the top and bottom of the container. Bury eighteen inches below the soil surface at a safe disposal site. Never reuse for food or water.

CAUTION! KEEP OUT OF REACH OF CHILDREN.

Harmful if swallowed. Do not take internally. Avoid inhalation of spray. Use with adequate ventilation. Avoid contact with skin or eyes. In case of skin contact, wash with plenty of soap and water. If swallowed, induce vomiting; Get immediate medical attention.

SOLO[®]

SOYBEAN HERBICIDE

CONTROLS SMARTWEED, RAGWEED, VELVETLEAF, COCKLEBUR, JIMSONWEED,
ANNUAL MORNINGGLORY AND SIMILAR ANNUAL WEEDS.

1 LIQUID GALLON
(PREEMERGENCE WEED KILLER)

COMPOSITION	
Active Ingredients (% by Weight)	
Sodium N-(1-Naphthyl)phthalamate	23.6%
Isopropyl N-(3-Chlorophenyl)Carbamate	22.2%
Inert Ingredients	54.2%
	100.0%

April 13, 1976

400-55

Contains 2 pounds of each active ingredient per gallon of product

E P A Reg. No. 400-85-AA

©1969 UNIROYAL, Inc. ALL RIGHTS RESERVED.



LOT NO.

NOTES

- 1.) Soybean seed should be covered with about one inch of soil. Do not use on shallow planted or exposed seed.
- 2.) If heavy rains occur immediately following a SOLO treatment, weed control normally will not be impaired. However, some stunting of growth or even some plant stand reduction may be noted, especially in very light soils. Cool soil temperatures may accentuate this response. With the return of good growing conditions the stunted plants usually will recover and proceed on a normal growth pattern.
- 3.) SOLO works best in moist soils. If irrigation is used the water should be applied 2 or 3 days after applying the chemical mixture.
- 4.) Do not allow SOLO to come in contact with sensitive crops such as beets, tomatoes or spinach.
- 5.) Do not use SOLO on corn or cucurbits (vine crops).
Do not use SOLO on silt loam soils of extremely fine texture. Avoid use on heavy muck and highly alkaline soils.
- 6.) The spray solution should be agitated from the mixing area to the field. By-pass agitation is adequate. If the loaded sprayer is allowed to set idle for any period of time the spray solution should be agitated thoroughly before resuming application.
- 7.) LIQUID SOLO SOYBEAN HERBICIDE may be used in the same manner following the use of preplant incorporated Treflan* or Lasso** Emulsifiable Concentrate

*Treflan — the registered trademark for Elanco Products' Trifluralin.

GRAZING RESTRICTION: Do not graze or feed forage from treated soybeans to livestock prior to crop maturity.

IMPORTANT NOTICE - Seller warrants that this product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with the directions and instructions specified on the label under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose express or implied extends to the use of this product contrary to label instructions or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

U.S. Patent No. 3,330,642

DIRECTIONS FOR USE

Use SOLO herbicide as a preemergence treatment immediately after planting the crop seed. The optimum depth of planting the seed is one inch deep. See dosage chart for rates to use on various band widths.

Put one-half the required amount of water in the spray tank, add the recommended amount of SOLO, then add the remainder of the water to the tank while mixing. Stir or use by-pass agitation until completely mixed. A line strainer should be placed between the spray tank and the pump. Each nozzle should be equipped with a 50-mesh screen. It is essential that the sprayer be calibrated accurately prior to use on crop.

RECOMMENDED DOSAGE RATE FOR SOYBEANS

SOLO is recommended at the rate of 4 quarts on light soils, 5 quarts on medium soils, and 6 quarts on heavy soils in 30 to 40 gallons of water per acre on a broadcast basis. On black soils with extremely high organic matter, the dosage rate should be increased to 8 quarts per acre broadcast.

Amount of SOLO Herbicide in pints to use in 13 gallons of water per acre for band treatments of soybeans:

BAND WIDTH	SOIL TYPE	ROW SPACING		
		30"	38"	40"
10"	Light	2½ pints	2 pints	2 pints
	Medium	3½ pints	2½ pints	2½ pints
	Heavy	4 pints	3 pints	3 pints
12"	Light	3 pints	2½ pints	2½ pints
	Medium	4 pints	3 pints	3 pints
	Heavy	5 pints	4 pints	3½ pints
14"	Light	4 pints	3 pints	3 pints
	Medium	4½ pints	3½ pints	3½ pints
	Heavy	5½ pints	4½ pints	4 pints
16"	Light	4½ pints	3½ pints	3 pints
	Medium	5½ pints	4 pints	4 pints
	Heavy	6½ pints	5 pints	5 pints
20"	Light	5½ pints	4½ pints	4 pints
	Medium	6½ pints	5 pints	5 pints
	Heavy	8 pints	6½ pints	6 pints

AERIAL APPLICATION

The recommended rate of SOLO may be applied by aerial spray equipment after dilution with 5 or more gallons per acre. DO NOT APPLY WHEN WEATHER CONDITIONS FAVOR DRIFT FROM AREAS TREATED. Wind velocity greater than 5 miles per hour will often cause application to be streaked and give uneven control. In order to insure uniform aerial application and to avoid overlapping and possible crop injury, it is recommended that two flagmen be used one at each end of the field.

SOYBEANS - PREEMERGENCE - TANK MIXTURE SOLO PLUS LASSO** EMULSIFIABLE CONCENTRATE

When SOLO is used with LASSO emulsifiable concentrate, the mixture will control a broad spectrum of annual grasses and broadleaf weeds (see appropriate sections of product labels). The tank mixture is particularly effective on foxtail, smartweed, ragweed, morningglory, jimsonweed, and wild mustard.

APPLICATION RATE (BROADCAST BASIS)

SOIL TYPE	SOLO ACRE	LASSO ACRE	WATER ACRE
Light Soil	6 pints	3 pints	20-40 gallons
Medium Soil	8 pints	3 to 4 pints	20-40 gallons
Heavy Soil	10 pints	3 to 4 pints	20-40 gallons

MIXING INSTRUCTIONS - Fill the spray tank about 1/3 full with water. Add the required amount of SOLO and LASSO. Then continue filling the tank with the balance of water needed. Stir or use by-pass agitation until completely mixed.

** LASSO is a Registered Trademark for ALACHLOR, Monsanto Company.