

**PRECAUTIONARY
STATEMENTS
HAZARDS TO HUMANS
WARNING**

Causes eye irritation. Do not get in eyes, on skin or on clothing. Harmful if swallowed.

ENVIRONMENTAL HAZARDS

Keep out of lakes, ponds or streams. Do not contaminate water by cleaning of equipment or disposal of wastes.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

PESTICIDE DISPOSAL — Pesticide, spray mixture or rinse water should be disposed of in a landfill approved for pesticides or buried in a safe disposal site. Do not contaminate water by cleaning of equipment or disposal of wastes.

Equipment Cleaning: Thoroughly rinse spray tank, hose and nozzles with water after application. Use ALANAP-L in metal or fiberglass tanks. ALANAP-L can be removed from metal or fiberglass tanks by washing thoroughly with ammonia water and rinsing several times with water containing a good detergent.

Container Storage and Handling: ALANAP-L is normally a solution but it may crystallize in the cold (32°F.). Gentle warming (60°F.) will redissolve any crystals. Mild agitation, such as rolling, shaking, or stirring before use is recommended.

Avoid contamination of foodstuffs, feeds, fertilizers, seeds, plants and pesticides. Store in a dry location.

Container Disposal: Triple rinse (or equivalent) and dispose of in an approved landfill or bury in a safe place.

ALANAP-L[®]

KILLS ANNUAL GRASSES AND BROADLEAF WEEDS

PREEMERGENCE WEED KILLER

UNIROYAL

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COMPOSITION

Active Ingredient: (% by weight)

Sodium N-1-naphthylphthalamate 23.7%

Inert Ingredients: 76.3%

Total: 100.0%

Each gallon contains two pounds of active ingredient.

ACCEPTED

JUN 22 1979

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 400-49

KEEP OUT OF REACH OF CHILDREN. WARNING

STATEMENTS OF PRACTICAL TREATMENT

If swallowed, drink promptly a large quantity of milk, egg white or gelatin solution; if not available drink large amounts of water. Avoid alcohol. Call a physician immediately.

If on eyes, wash with plenty of water for at least 15 minutes. Call a physician. Remove and wash contaminated clothing before use.

If inhaled and abnormal symptoms develop, see a physician. FOR OTHER STATEMENTS SEE LEFT PANEL.

EPA Reg. No. 400-49AA
EPA Est. No.

UNIROYAL CHEMICAL — Division of UNIROYAL Inc.
NAUGATUCK, CONNECTICUT 06770

NET CONTENTS:

4-26-79

GENERAL INSTRUCTIONS

1. PREPARATION OF SOIL
Area to be treated must be free of all weeds at time of application. ALANAP-L usually will not control established grasses and weeds. To insure maximum weed and grass control, it is important to have a relatively smooth soil surface. If the area to be treated has been plowed, the soil clods should be broken up. If weather factors make replanting necessary after ALANAP-L has been applied, thoroughly disk the area prior to replanting.

2. METHOD OF APPLICATION
PREEMERGENCE
a) Uniform coverage of soil surface is essential.
b) Apply ALANAP-L immediately or within 48 hours after planting.
c) Rotary hoe may be used to destroy small weeds without impairing herbicide activity if dry weather follows ALANAP-L treatment.
d) If irrigation is used best results are obtained when water is applied after spraying ALANAP-L.
e) Avoid spray drift on areas planted to such sensitive crops as beets, tomatoes and spinach.

POSTEMERGENCE

a) Uniform coverage of foliage is essential.
b) Do not apply if rain is expected within 6 hours of application.

CUCURBITS

Cantaloupe, Cucumber, Muskmelon and Watermelon

Apply ALANAP-L as a preemergence spray immediately after seeding. A second application post emergence to the crop may be made about a month after planting just before the crop is starting to vine, but before weeds have emerged. ALANAP-L can also be used as a postemergence spray immediately after transplanting crops. DO NOT USE POST-EMERGENCE IN WESTERN IRRIGATED AREAS.

ALANAP-L may be used as a tank mix with bensulfide (PREFAR (T)) See specific directions.

VINE CROPS

a) Do not use ALANAP-L on vine crops of any kind when growing conditions are very adverse namely in early spring when weather is cold and wet. Under such conditions ALANAP-L may cause stunting.
b) Do not apply postemergence to vine crops when temperature is 100°F. or above.
c) Do not use ALANAP-L postemergence to cucumber, cantaloupe, muskmelon, and watermelon until plants are ready to vine.

8. For Small Woody Transplants: (2 methods suggested).

1. Apply ALANAP-L prior to transplanting. Care should be taken not to disturb much of the treated area.
2. Apply ALANAP-L as directed spray after transplanting.
3. Avoid application to foliage of nursery plantings. Do not use on herbaceous (non woody) plants.

PEANUTS AND SOYBEANS

Use ALANAP-L as a preemergence spray immediately after seeding. See dosage chart for rates to use on various soil types. Do not apply ALANAP-L to soil area where crop seeds are exposed or shallow planted. The usual depth of planting to insure a stand is sufficient providing that the crop seeds are well covered with soil.

On peanuts a tank mix of ALANAP-L and 4,6-dinitro-o-sec-butyl-phenol (alkanolamine salts) may be applied when the majority of the peanut seedlings are in the "cracking stage" of growth.

On soybeans a tank mix of ALANAP-L and 4,6-dinitro-o-sec-butyl-phenol (alkanolamine salts) may be applied just after the soybeans are planted but before the soybean plants emerge from the soil.

SOYBEANS (OVERTOP APPLICATION)

Apply ALANAP-L to control giant ragweed and common cocklebur when soybeans are about 18" tall and are growing actively.

ALANAP-L is a selective herbicide for the control of the following weeds and grasses in cucurbits, nursery plantings, peanuts and soybeans.

BROADLEAF WEEDS: Common chickweed, common lambsquarters, common ragweed, common purslane, velvetleaf, common cocklebur, field and hedge bindweed, cutleaf groundcherry, white mustard, shepherds-purse, redroot pigweed, hairy galinsoga and carpetweed.

ANNUAL GRASSES: Yellow foxtail, smooth and large crabgrass, barnyardgrass, goosegrass, stinkgrass, red sprangletop, southwestern cupgrass and johnsongrass (from seed).

DIRECTIONS FOR USE Put one-half the recommended amount of water in the spray tank; add the required amount of ALANAP-L then add the remainder of water to the white mixing. Stir or use bypass agitation until completely mixed. ALANAP-L is completely soluble in water. A line strainer should be placed between the spray tank and the pump. Each nozzle should be equipped with a 50 mesh screen. Calibration of herbicide sprayers is essential, since a successful chemical weed control program requires that known and correct amounts of herbicides be applied.

common cocklebur, field and hedge bindweed, cutleaf groundcherry, white mustard, shepherds-purse, redroot pigweed, hairy galinsoga, carpetweed, smooth and large crabgrass, foxtails, barnyard grass, goosegrass, Fall panicum and red sprangletop.

DIRECTIONS FOR USE PRE-PLANT OR PREEMERGENCE: Cantaloupe, cucumber, muskmelon and watermelon — Apply 1-1½ gallons per acre of PREFAR 4E (4 to 6 lbs. a.i.) plus 1 to 2 gallons per acre of ALANAP-L (2 to 4 lbs. a.i.) in sufficient water (10 to 40 gal./acre) to provide uniform distribution. Incorporate lightly (½ to 1 inch) into the soil using suitable equipment just prior to planting. Use lower rates on light (sandy) soils and higher rates on heavier (clay) soils. Reduce the rate proportionately for band applications.

***For "cracking time" on Peanuts — use 1½ gals. ALANAP-L and ½ gal. of 4,6-dinitro-o-sec-butyl-phenol (alkanolamine salts) in 20-30 gals. of water per acre on broadcast basis. Spraying a 12 inch band on a 36 inch row requires only ½ of above recommended dosage.

****For tank mix combination on Soybeans — use 1½ gallons (3 lbs. active) ALANAP-L and ½ gallons (2 lbs. active) 4,6-dinitro-o-sec-butyl-phenol (alkanolamine salts) in 30 to 40 gallons of water on a broadcast basis.

RECOMMENDED DOSAGES FOR SOYBEANS (BAND BASIS)*

A planter mounted sprayer is highly recommended for the 10 and 12 inch band.

When using an adapted boom sprayer, use at least a 14 inch band.

IF THE DISTANCE BETWEEN THE ROWS IS:

	28 inches	32 inches	36-38 inches	40 inches
Use this amount of ALANAP-L to spray a 14 inch band**	8½ Pints (in 13 gals. water per acre)	7½ Pints (in 11 gals. water per acre)	6½ Pints (in 10 gals. water per acre)	6 Pints (in 9 gals. water per acre)
Use this amount of ALANAP-L to spray a 12 inch band**	7 Pints (in 13 gals. water per acre)	6 Pints (in 11 gals. water per acre)	5½ Pints (in 10 gals. water per acre)	5 Pints (in 9 gals. water per acre)
Use this amount of ALANAP-L to spray a 10 inch band**	6 Pints (in 13 gals. water per acre)	5 Pints (in 11 gals. water per acre)	4½ Pints (in 10 gals. water per acre)	4 Pints (in 9 gals. water per acre)

*In the black soil areas of western Indiana, southern Minnesota, northern Iowa and Illinois, dosage of ALANAP-L should be increased by about one-third.

**The tabulations for water are based on rates delivered as a band spray by an 8003E Tee-Jet nozzle using 30 pounds pressure at a tractor speed of 4 mph. For a 14 inch band place nozzle 8 inches above ground, for a 12 inch band place nozzle 7 inches above ground, and for a 10 inch spray band, nozzle is placed approximately 6 inches above ground.

NOTE 1: Soybean seed should be well covered with soil. Do not use on shallow planted or exposed seed.

NOTE 2: If heavy rains immediately follow ALANAP-L application, weed control normally will not be impaired. However, some stunting of growth or even some stand reduction may be noted, especially in the lighter soils. Cool soil temperatures may accentuate this condition. With the return of good growing conditions the stunted plants will usually recover and maintain a normal growth pattern.

DO NOT USE ALANAP-L ON SILT LOAM SOILS OF EXTREMELY FINE TEXTURE DOSAGES FOR SOYBEAN-OVERTOP APPLICATION GROUND APPLICATION

ALANAP-L PLUS BUTYRAC 200 or BUTOXONE

Apply 2-3 quarts of ALANAP-L plus 3-4 ounces of Butyrac 200* or Butoxone** in 10-20 gallons of water per acre (broadcast rate) on soybeans that are about 18-20 inches tall (7 to 10 days before bloom through mid bloom). The spray boom should be positioned 18-24" above the tops of the soybean plants or weeds and be equipped with hollow cone or flat fan-type nozzles. Maintain a high spray pressure (40-50 psi) during application. This insures a fine spray mist for better overall coverage. For best results use 2 quarts of ALANAP-L plus 3 ounces of Butyrac 200 or Butoxone on weeds that are 10-12 inches tall such as common cocklebur and giant ragweed. However, if these weeds are taller than 12 inches, use 3 quarts of ALANAP-L plus 4 ounces of Butyrac 200 or Butoxone. ALANAP-L plus Butyrac 200 or Butoxone if applied according to directions, will control or suppress growth of cocklebur and giant ragweed reducing their competition to the soybean crop.

NOTE 1: Use surfactant (nonionic 80-20 etc.) at ½% by volume with this tank mix.

NOTE 2: Avoid application of this tank mix to drought stressed soybeans.

NOTE 3: Do not apply the tank mix if rain is expected within 6 hours after application.

NOTE 4: Applications of the tank mix should not be made when weather conditions favor drift.

NOTE 5: Observe all cautions and limitations on the Butyrac 200 and Butoxone labels.

*Butyrac 200 contains 2 lbs./gallons of 4-(2, 4-dichlorophenoxy) butyric acid and is a registered trademark of Amchem Products.

**Butoxone contains 1.75 lbs./gallon of 4-(2, 4-dichlorophenoxy) butyric acid and is a registered trademark of Rhone-Poulenc, Inc.

DO NOT GRAZE OR FEED FORAGE FROM TREATED SOYBEANS TO LIVESTOCK

OBSERVE ALL CAUTIONS AND LIMITATIONS ON LABELING OF ALL PRODUCTS USED IN MIXTURES.

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.

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