

SEEK ADVICE OF EXPERTS BEFORE USE

UNIROVAL

**ALANAP**

GRANULAR

**CAUTION! KEEP OUT OF REACH OF CHILDREN**  
USE NORMAL PRECAUTIONS IN HANDLING.

**STORE IN COOL DRY PLACE**

**ACCEPTED**

DEC 10 1971

UNDER THE FEDERAL INSECTICIDE  
FUNGICIDE AND RODENTICIDE ACT  
FOR ECONOMIC POISON REGISTERED  
UNDER NO. 400-579

GRANULAR

**ALANAP**®

**KILLS ANNUAL GRASSES AND BROADLEAF WEEDS**

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**ALAN**

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**KILLS ANNUAL GRASSES AND BROADLEAF WEEDS**

**NET 50 POUNDS  
PREEMERGENCE WEED KILLER**

**COMPOSITION**

Active Ingredients (% by weight)	
Sodium N-1-naphthylphthalamate*..	10.8%
Inert Ingredients .....	89.2%
Total .....	100.0%

\* Equivalent to 10% N-1-naphthylphthalamic acid

*another product of*

**UNIROYAL**

LOT NO.

OPERATOR

® UNIROYAL'S Reg. T.M. For Its Herbicide

**GR**  
**ALANAP**  
 KILLS ANNUAL GRASSES AND BROADLEAF WEEDS

A selective herbicide for the control of the following annual grasses and broadleaf weeds.

**Broadleaf Weeds** — Chickweed, lambsquarters ragweed, purslane, velvetleaf, cocklebur, mustards, pigweed and jimson.

**Annual Grasses** — Foxtail, crabgrass, barnyard grass, goosegrass, watergrass and Johnson grass (from seed).

**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.

**SOYBEANS**

Use Granular ALANAP as a pre-emergence treatment immediately after seeding. See dosage chart for rates to use on various band widths. Do not apply Granular ALANAP to soil area where soybean seeds are exposed or shallow planted. The usual depth of planting to insure a stand is sufficient providing that the beans are well covered with soil. Granular ALANAP is recommended at the rate of 40 pounds per acre on a broadcast basis. However, it is suggested that only a 12-inch or a 14-inch band, directly over the drill row, be treated and that cultivation be used to control weeds between the rows.

DO NOT USE GRANULAR ALANAP ON SILT LOAM SOILS OF EXTREMELY FINE TEXTURE

**SWEET POTATOES**

Use Granular ALANAP as a post planting treatment immediately after the plants have been set in the field and before weeds and grasses emerge. Granular ALANAP can be used again as a lay-by application immediately following the last cultivation. For application immediately after planting slips and also at lay-by time, use 45 pounds of Granular ALANAP per acre on a broadcast basis. However, it is suggested that a band application be used on the slips and also at lay-by time. For broadcast application, use 45 pounds per acre.

**GENERAL INSTRUCTIONS**

**Preparation of Soil.** Area to be treated must be free of all weeds at the time of application. Granular ALANAP 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 Granular ALANAP has been applied, thoroughly disk the area prior to replanting.

**Method of Application.** (a) Uniform coverage of soil surface is essential. (b) Always apply Granular ALANAP immediately or within 48 hours after planting, or within 24 hours after the last cultivation when used as a lay-by application. (c) Rotary hoe may be used to destroy small weeds without impairing herbicide activity if dry weather follows Granular ALANAP treatment.

**DIRECTIONS FOR USE.** Place Granular ALANAP in the hopper of a granular chemical row-crop applicator and apply the required amount of material on the soil surface before weeds and grasses have emerged. A granular applicator mounted on the planter or cultivator is highly recommended. Accurate calibration of the applicator is essential since a successful chemical weed control program requires that known and correct amounts of herbicides be uniformly applied.

Pounds of Granular ALANAP per acre to use for band treatment of soybeans

WIDTH OF BAND	ROW SPACING			
	28 Inches	32 Inches	36-38 Inches	40 Inches
12" band	17 lbs.	15 lbs.	13 lbs.	12 lbs.
14" band	20 lbs.	18 lbs.	16 lbs.	14 lbs.

**Note 1.** In the black soil areas of western Indiana, southern Minnesota, northern Iowa and Illinois the dosage of Granular ALANAP recommended above should be increased by about 1/3.

**Note 2.** Soybean seed should be well covered with soil. Do not use on shallow planted or exposed seed.

**Note 3.** If heavy rains immediately follow Granular ALANAP 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 usually will recover and maintain a normal growth pattern.

**Note 4.** Never apply this product in front of presswheel.

Pounds of Granular ALANAP per acre to use for band treatment of sweet potatoes

WIDTH OF BAND	ROW SPACING		
	42 Inches	48 inches	52 Inches
16 band	17 lbs.	15 lbs.	13 lbs.
18" band	19 lbs.	17 lbs.	15 lbs.

**Note 1.** Avoid possible weed drift of the granular ALANAP by covering the banding or applying it only when they are immediately above the sweet potato slips.

**Note 2.** Do not apply this product to sweet potatoes in the field after the plants have been set in the field.

Vine Crops: CANTALOUPE MUSMELON CUCUMBER WATERMELON

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basis. However, it is suggested that only a 12-inch or a 14-inch band, directly over the drill row, be treated and that cultivation be used to control weeds between the rows.

DO NOT USE GRANULAR ALANAP ON SILT LOAM SOILS OF EXTREMELY FINE TEXTURE.

**SWEET POTATOES**

Use Granular ALANAP as a post-planting treatment immediately after the plants have been set in the field and before weeds and grasses emerge. Granular ALANAP can be used again as a lay-by application immediately following the last cultivation. For application immediately after planting slips and also at lay-by time, use 45 pounds of Granular ALANAP per acre on a broadcast basis. However, it is suggested that a band application 16 inches or 18 inches wide, centering on the set sweet potato slips, be used and the weeds between the rows be controlled by cultivation.

**Vine Crops: CANTALOUPE, MUSKMELON, CUCUMBER, WATERMELON, SQUASH AND PUMPKIN**

Apply Granular ALANAP as a pre-emergence treatment immediately after seeding. About one month after planting just before the crop is starting to vine, but before weeds have come through the ground, apply a post-emergence treatment. Granular ALANAP can be used also as a post-planting treatment right after transplanting cucumber, cantaloupe, watermelon and muskmelon.

Use 40 pounds on Granular ALANAP per acre on a broadcast basis for pre-emergence treatment of cantaloupe, muskmelon, cucumber, watermelon, squash and pumpkin.

Use 40 pounds per acre on a broadcast basis for a post-planting or post-emergence treatment of cantaloupe, muskmelon, cucumber and watermelon. It is suggested that an 18- or 24-inch band treatment be used and the weeds between the rows be controlled by cultivation.

**WHITE POTATOES**

Use Granular ALANAP as a post-hilling or lay-by treatment immediately after the last hilling to prevent growth of late grasses which may interfere with the digging operation.

Apply Granular ALANAP at the rate of 40 pounds per acre on a broadcast basis, over the tops of the plants and on the soil surface, immediately after the last cultivation.

**Note 1.** It is suggested that some provision be made to brush granules from the potato vines, such as dragging a piece of burlap behind the applicator, to prevent possible injury to the vines.

Note 2. If heavy rains immediately follow Granular ALANAP 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 usually will recover and maintain a normal growth pattern.

**Note 3.** If heavy rains immediately follow Granular ALANAP 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 usually will recover and maintain a normal growth pattern.

**Note 4.** Never apply this product in front of presswheel.

Pounds of Granular ALANAP per acre to use for band treatment of sweet potatoes

WIDTH OF BAND	ROW SPACING		
	42 Inches	48 Inches	52 Inches
16" band	17 lbs.	15 lbs.	13 lbs.
18" band	19 lbs.	17 lbs.	15 lbs.

**Note 1.** Avoid possible wind drift of the granular ALANAP by lowering the banding or apron devices until they are immediately above the sweet potato slips.

**Note 2.** When cultivating, set cultivator sweeps so as not to throw any soil on treated areas. However, at lay-by operation move dirt up heavy to plants.

Pounds of Granular ALANAP per acre to use for band treatment of vine crops

WIDTH OF BAND	ROW SPACING			
	36 Inches	48 Inches	60 Inches	72 Inches
18" band	20 lbs.	15 lbs.	12 lbs.	10 lbs.
24" band	26 lbs.	20 lbs.	16 lbs.	13 lbs.

**Note 1.** Do not use Granular ALANAP on Butternut Squash.

**Note 2.** Do not use Granular ALANAP as a post-emergence treatment on squash or pumpkin.

**Note 3.** Do not use Granular ALANAP post-emergence on western irrigated vine crops.

**Note 4.** Do not use Granular ALANAP on vine crops of any kind when growing conditions are very adverse, namely in the early spring when weather is cold and wet. Under such conditions Granular ALANAP may cause stunting.

**Note 5.** Do not apply Granular ALANAP post-emergence when temperature is 100°F. or above.

**Note 6.** Vine type Table Queen variety, Boston Marrow, White Bush Scallop, Caserta, and Buttercup Squash may show slight temporary injury from the pre-emergence treatment.

**CAUTION! Store In A Cool Dry Place**

1. Granular ALANAP works best in moist soils. If irrigation is used, best results are obtained when water is applied after applying Granular ALANAP.
2. Do not allow Granular ALANAP to come in contact with such sensitive crops as beets, tomatoes and spinach.
3. Do not store near seed or fertilizer.
4. Thoroughly brush out equipment after application is completed. If the granular equipment is to be used on sensitive crops it is advisable to run a small amount of inert material such as sand or corn meal through the hopper and hoses to remove traces of Granular ALANAP.
5. Do not use Granular ALANAP on corn.

Container Disposal: Burn or bury 18 inches at safe disposal site

USDA Reg. No. 400-59

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

FNY 741A

FREIGHT SHIPPING BAG  
Meeting requirements of  
APPLICABLE FREIGHT CLASSIFICATION  
Guaranteed by ST. REGIS PAPER CO

3 5P 11-D

KILLS ANNUAL GRASSES AND BIENNIAL WEEDS  
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**FISH and WILDLIFE**

This product is toxic to fish. Keep out of lakes, streams or ponds. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Apply this product only as specified on this label.

# ALANAP PLUS

KILLS ANNUAL WEEDS AND GRASSES IN SOYBEANS

SHAKE WELL BEFORE USING!  
STORE IN A COOL DRY LOCATION!

ACCEPTED  
DEC 10 1971  
UNDER THE FEDERAL INSECTICIDE  
FUNGICIDE AND RODENTICIDE ACT  
FOR ECONOMIC PEST CONTROL REGISTERED  
EFFECT UNDER NO. 400 71

CAUTION  
See caution statement on label  
KEEP OUT OF REACH  
OF CHILDREN.

# ALANAP PLUS

KILLS ANNUAL WEEDS AND GRASSES IN SOYBEANS

CONTAINS CHLOROPIC

ONE LIQUID GALLON  
PREPARED BY UNIROYAL  
COMPOSITION  
Active ingredients

UNIROYAL

# ALANAP PLUS

KILLS ANNUAL WEEDS AND GRASSES IN SOYBEANS

CAUTION! HARMFUL TO MAN AND ANIMALS  
DO NOT INHALE DUST OR FUMES  
DO NOT GET ON SKIN OR CLOTHING  
DO NOT GET IN EYES OR ON MUCOUS MEMBRANES  
DO NOT GET ON CHILDREN'S TOYS  
DO NOT GET ON FOOD OR FEEDSTUFFS  
DO NOT GET ON WATER OR DRINKING WATER  
DO NOT GET ON FISH OR OTHER AQUATIC LIFE  
DO NOT GET ON BIRDS OR OTHER WILD ANIMALS  
DO NOT GET ON BEES OR OTHER POLLINATING INSECTS  
DO NOT GET ON SHEEP OR OTHER LIVESTOCK  
DO NOT GET ON HORSES OR OTHER DOMESTIC ANIMALS  
DO NOT GET ON CATS OR DOGS  
DO NOT GET ON PETS OR OTHER DOMESTIC ANIMALS  
DO NOT GET ON CHILDREN'S TOYS  
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DO NOT GET ON CATS OR DOGS  
DO NOT GET ON PETS OR OTHER DOMESTIC ANIMALS

DELETE