REWARD™

DELETE

Liquid Herbicide For Control Of Weeds In Peanuts, Zrish Potatoes, Soybeans, and Sweet Polaties

PELETE

Contains Six Pounds of Active Ingredient Per Gallon

ACTIVE INGREDIENT:		
S-Propyl dipropylthiocarbamate	 • •	74.1%
INERT INGREDIENTS:	 	25.9% 100.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION

HARMFUL IF SWALLOWED

STATEMENT OF PRACTICAL TREATMENT

ACCEPTED

SEP 27 3000

Under the Federal Investigation France Control of the personal persona

If a known exposure occurs or is suspected, immediately initiate the recommended procedures below. If further treatment is required, contact a poison center, a physician, or the nearest hospital.

If Swallowed: Immediately give several glasses of water but do not induce vomiting. If vomiting does occur, give fluids again. Have a physician determine if condition of patient will permit evacuation of stomach. Do not give anything by mouth to an unconscious person.

For Eye Contact: Hold eyelids apart and flush for at least 15 minutes. Get medical attention immediately.

For Skin Contact: Immediately flush all affected areas with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Seek medical attention if skin irritation occurs. Wash clothing before reuse.

<u>If Inhaled</u>: Remove to fresh air. Seek medical attention if respiratory irritation occurs or if breathing becomes difficult.

EPA Reg. No. 10182-254

RS-900817

EPA Est. No.

Gal.	Net	I
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This product is sold only for uses on its label. No express or implied licence is granted to use or sell this product under any patent in any country except as specified: Country: United States of America

Made in U.S.A.by
ICI Americas
ICI Agricultural Products
Wilmington, DE 19897

PRECAUTIONARY STATEMENTS Hazards To Humans And Domestic Animals C A U T I O N

Harmful if swallowed. Avoid contact with skin, eyes and clothing. Avoid inhalation of spray mist. Wear rubber gloves, goggles and protective clothing. Wash with soap and water immediately after use or contact. Do not contaminate food and feed. Keep away from heat and flame.

CHEMICAL AND PHYSICAL HAZARDS - Keep away from heat and flame.

ENVIRONMENTAL HAZARDS Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes.

FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE, CALL 1-800-F-A-S-T-M-E-D (327-8633).

FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident call CHEMIREC 1-800-424-9300.

WEEDS CONTROLLED BY REWARD

REWARD will not control established weeds:

Annual Grasses:

(Enhinochlo<u>a</u> cr<u>us</u> - <u>galli</u>) Barnyardgrass - Watergrass Crabgrass (Digitaria spp.) (Panicum dichotomifluorum) Fall Panicum Foxtail millet (Setaria italica) (Setaria faberi) Giant foxtail (Eleusine indica) Goosegrass Green foxtail (Setaria virdiis) (Sorghum halepense) Johnsongrass seedling Wild came* (Sorghum bicolor) Yellow foxtail (Setaria glauca)

* Cultivation is suggested in addition to the reward treatment in fields with moderate or heavy infestations of wild cane.

Annual Broadleaf Weeds:

Annual morningglory
Balloonvine*
Carpetweed
Common lambsquarters
Florida purslane - Florida pusley
Purslane
Redroot pigweed
Sicklepod - coffeeweed
Smooth pigweed

(Impoea purpurea)
(Cardiospermun halibacabum)
(Mollugo verticillata)
(Chenopodium album)
(Richardia scabra)
(Portulaca oleracea)
(Amaranthus retroflexus)
(Cassia obtusifolia)
(Amaranthus theiphrasti)

* In Alabama only

The above listed broadleaf weeds will be controlled only if treatment is made when conditions are favorable for weed seed germination and growth.

Perennial Grasses:

Purple nutsedge - nutgrass Yellow nutsedge - nutgrass (Cyperus rotundus)
(Cyperus esculentus)

Existing stands of nutgrass must be turned under and chopped up thoroughly before treatment. For nutgrass control REWARD must be thoroughly mixed into the soil prior to planting or applied subsurface to the soil with injectors or sweeps. Cultivation is suggested in addition to REWARD treatment in fields with moderate to heavy nutgrass infestations.

GENERAL USE PRECAUTIONS

Read entire label before using.

REWARD should be used only for recommended purposes and at recommended rates (do not overdose).

Failure to follow label instructions, or use on crops not specifically listed on the label may result in crop injury or destruction.

Applied according to directions and under normal growing conditions, REWARD will not harm the treated crop. Malformation of the primary leaves is not unusual. This condition is only temporary and will not affect yields. During germination and early stages of growth, extended periods of unusually cold and wet or hot and dry weather, insect or plant disease attack, the use of certain soil-applied systemic insecticides, improperly placed fertilizers or soil insecticides may create abnormal conditions that weaken crop seedlings. REWARD used under these abnormal conditions could result in crop injury.

REWARD is recommended for use on mineral soils only. Do not tank mix REWARD with insecticides or fungicides.

Do not contaminate irrigation water or water used for domestic purposes.

In irrigated areas, do not apply REWARD before pre-irrigation.

DIRECTIONS FOR USE OF REWARD

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

REWARD is a selective herbicide which is mixed (incorporated) into the soil or applied below the surface of the soil for control of weeds listed on this label. REWARD controls annual weeds as their seeds germinate by interfering with normal germination and seedling development. It does not control established weeds. All weed growth and crop stubble should be thoroughly worked into the soil before treatment.

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APPLICATION DIRECTIONS

Pour the recommended amount of REWARD into the spray tank during the filling operation. Apply in 10 to 50 gallons of water per acre using a properly calibrated, low-pressure (20 to 40 PSI) sprayer having good agitation. The soil should be well-worked and dry enough to permit good soil mixing (incorporation or subsurface application. Soil should be as free as possible of trash for subsurface application with sweeps or injectors. Avoid overlaps that will increase dosage above recommended limits.

FLUID FERTILIZER STATEMENT

REWARD may be combined with fluid (solution, slurry, or suspension) fertilizers. However, physical compatibility with these fluid fertilizers must be determined before combining in the spray tank. See Appendix I for directions regarding these combinations.

DRY FERTILIZER STATEMENT

REWARD may be impregnated on many dry bulk fertilizers for use on registered crops. However, uniform distribution of REWARD on fertilizer particles and uniform application are necessary to assure good results. See Appendix II for information and directions for impregnation and use.

INCORPORATION DIRECTIONS

REWARD must be incorporated into the soil immediately (within minutes) to prevent loss of the herbicide. Whenever possible, application and incorporation should be done in the same operation.

SOIL MIXING (INCORPORATION) BEFORE PLANTING: Use power-driven cultivation equipment set to cut to a depth of 2 to 3 inches or tandem discs set to cut to a depth of 4 to 6 inches, operated at 4 to 6 mph, followed by a spiked-tooth harrow or some other leveling device which extends beyond ends of the disc. For thorough mixing, disc in two different directions (cross disc). Prior to the second discing, raise the disc to prevent cutting deeper than 4 to 6 inches.

NOTE: In the southern lower Delta of the Mississippi Valley, disc incorporation is not recommended on the heavy (gumbo) clay soils.

SOIL MIXING (INCORPORATION) AFTER PLANTING: Use power-driven cultivation equipment set to cut to a depth of 2 inches, or on coarse texrured (light) soils only, ground-driven tillers (rolling cultivators, rotar; hoe, row wheels, etc.) set to cut to a depth of 1½ inches and operated at 5 to 8 mph. When incorporating after planting, care must be taken not to disturb the crop seed or seedlings by adjusting times or blades of incorporation equipment so they are not directly over the drill row.

SUBSURFACE APPLICATION BEFORE OR AT PLANTING (for peanuts and soybe; ns only): Special equipment designed for subsurface application MUST be used. Injector units must be rigidly mounted on or IMMEDIATELY ahead or IMMEDIATELY behind the planter unit. Sweeps must be mounted IMMEDIATELY ahead of the planter unit.

- 1. Soil Injection Injector shanks must be spaced 1½ to 3 inches apart and mounted in staggered positions to avoid trash buildup. Set shanks to inject REWARD 1½ to 3 inches below the soil surface. The width of the band in which weed control is desired will determine the number and spacing of injector shanks required per row. (Example: For injector shanks spaced 3 inches apart gives a 12-inch band). A broadcast application can be made by increasing the number of shanks. The two shanks adjacent to the drill row must be 1½ to 1½ inches on either side of it.
- 2. Covered Sweeps -- Set the sweeps to run 3 to 4 inches below the soil surface. Calibrate by measuring the spray band with at the back edge of the sweep, not the sweep width. For BROADCAST APPLICATIONS, stagger sweeps on double tool bar so that they overlap sufficiently to allow spray bands to meet.

NOTE: When applying with sweeps, REWARD must be applied deep enough to allow 3 to 4 inches of soil to remain over the treatment after the planting operation.

PLANTING -

Do not plant seed deeper than 2 inches. For REWARD application made before planting, seeding can be done immediately, or it may be delayed up to 10 days. If it is necessary to work the soil following application and incorporation, but before planting do not work the soil deeper than the depth the herbicide was incorporated. To avoid removing REWARD from the row (with loss of weed control in the row) do not move or shape soil after treatment, such as by planting in deep furrows.

RECOMMENDATIONS - REWARD

These recommendations are given in terms of broadcast (overall) rates of REWARD per acre. For band or vow application, reduce broadcast rates proportionately, depending upon band width to be treated and row spacing.

PEANUTS

REWARD may be applied before planting, at planting or immediately after planting. When applying after planting, care must be taken not to disturb the seed. Use 2-2/3 pints on coarse textured (sandy-light) soils; 3-1/5 pints on medium to fine textured (sandy loam to clay loam-medium to heavy) soils.

POTATOES (Irish) - except in Florida

DELETE

REWARD may be applied before planting. Use 4 pints on coarse textured (sandy - light) soils, 5½ pints on medium to fine textured (sandy loam to clay loam - medium to heavy) soils, and 7.0 pints on very fine textured (clay - very heavy) soils.

REWARD may be applied through irrigation water after planting before weed growth starts or immediately following clear cultivation. Meter DEWARD into the irrigation water using a metering device that will introduce a constant flow into the water.

Furrow: Meter REWARD into the water during the entire irrigation period. Do not apply within 45 days of harvest.

Sprinkler: Meter REWARD into the water during the entire period or into sufficient water to penetrate to a depth of 3 to 4 inches. Time this REWARD application to insure that proper penetration of the herbicide corresponds with the end of the irrigation period. Flush the lines than turn the water off promptly. Tail water (run off water) from irrigation should be recirculated. Do not apply within 45 days of harvest.

SOYBEANS

The following recommendations are for soybeans grown in all areas except in the Southeastern States:

REWARD May be applied before planting, at planting or immediately after planting. when applying at or after planting, care must be taken not to disturb the crop seed or seedlings. Use 2-2/3 pints on coarse textured (sandy-light) soils, 3-1/3 pints on medium to fine textured (sandy-loam to clay loam - medium to heavy) soils, 4 pints on very fine textured (clay - very heavy) soils.

For soybeans grown in the Southeastern States including North Carolina, South Carolina, Georgia, Alabama, Florida and Eastern Tennessee (Tenn. River East):

REWARD may be applied before planting, at planting, or immediately after planting. For incorporated applications made before planting, do not plant in deep furrows, or use shanks or other device ahead of planter which bring up untreated soil to the surface. For furrow planted soybeans, apply REWARD at or immediately after planting in bands over the row and incorporate with row wheels only. When applying at or after planting, care must be taken not to disturb the crop seed or seedlings. Use 2-2/3 pints on coarse textured (sandy-light) soils, 3-1/3 pints on medium to fine textured (sandy-loam to clay loam - medium to heavy) soils, 4 pints on very fine textured (clay - very heavy) soils.

NOTE: In areas where beds are made prior to planting soybeans, REWARD may be applied in a band immediately ahead of the bedding discs, set to cover the REWARD with 3 to 4 inches of soil. If bed levelers are used before planting soybeans, make the beds higher to compensate for leveling, so 2 to 3 inches of soil remain over the treatment after the planting operation is done.

SWEET POTATOES (REWARD is not recommended on sweet paratoes in the states of New Jersey, Maryland Virginia, Delaware and California).

- For a broadcast bed-up application, apply 2 pints of REWARD per agre immediately ahead of bedding discs set to cover REWARD with 3 to 4 inches of soil.
- B. For a band bed-over application reduce the broadcast rate (broadcast rate for this method is 4 pints per scre) proportionately depending upon band width and row spacing. Apply REWARD immediately ahead of bedding discs set to cover REWARD with 3 to 4 inches of soil. Set discs to that treated soil is not folded in
- C. For a broadcast incorporation application, apply REWARD at 2-2/3 fints per acre and disc incorporate just before making beds (if beds fre made) and transplanting.

NOTE: With methods A and B, if bed levelers are used when transplanting, make the beds higher to compensate for leveling, so 3 to 4 in hes of soil covers REWARD after transplanting.

SEQUENTIAL APPLICATIONS

IMPORTANT: Always consult exact label of each herbicide used for specific recommendations and limitations.

For control of weeds not listed on the REWARD label, and for increased control of labeled broadleaf weeds, the following herbicides are suggested as overlay treatments after preplant applications of REWARD:

PEANUTS :

DELETE

DYANAP* 3 Ms./gal. liquid

Broadpast rates per acre:

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Apply a cracking at the rate of 6 quarts per age.

ENIDE* 50W + DINITRO (PREMERGE 3 1) s./gal.)

Broadcast rates per acre:

Apply at cracking or up to 7 days after at the late of 4 lbs. ENIDE 50W and 2 quarts PREMERGE per acre.

LASSO 4-EC (4 /bs. a.i./cal.) + DINITRO (PREMEDGE 3 lbs./cal.)

Broadcast rates per arre:

Apply at cracking at the rate of 2 to 3 quarts of JASSO 4-EC and 2 quarts of PREMERGE per cre.

SOYBEANS

AMIBEN* 2 lbs./gai. liquid

Broadcast rater per acre:

Coarse textured (light) soils - 1 Gallon Medium textured (medium) soils - 1-1/8 Gallons Fine textured (heavy) soils - $1\frac{1}{2}$ Gallons

BASAGRAN* 4 lbs./gal. liquid

Broadcast rates per acre: Apply 3/4 to 1 quart per acre. Rates depend upon weeds to be controlled. Consult and follow the recommended rates on the BASAGRAN label.

DELETE

Broadcast rater per acre: Use 6 quarts as a broadcast spray just after the soybeans are planted but before the soybean plants emerge from the soil.

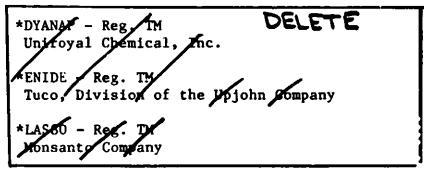
LOROX* 50W

Broadcast rates per acre:

Use 1 to 2½ lbs. COROX 50W per acre depending on soil type. Use on coarse to medium textured soils. Apply after planting before soybeans emerge. Plant soybeans at least 1-3/4" deep on flat seed bed only to avoid possible crop injury. Do not use on sand or loamy sand or soil with less than 1% organic matter since crop injury may result.

*AMIBEN - Reg. TM
Union Carbide Agricultural Products Co., Inc.

*BASAGRAN - Trademark BASF Aktiegesellechaft



*LOROX - Reg. TM

E. I. DuPont deNemours & Co., Inc.

*PREMERGE - Rog. TM DELETE
Dow Chemical Company

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TANK MIX DIRECTIONS FOR USE ON PEANUTS

REWARD may be combined with the compounds, listed in this section for tank mix application on peanuts. Recommended rates for each tank mix are listed below. Mixing, spray equipment, soil incorporation, and planting directions for REWARD tank mixes on peanuts are listed at the end of the peanut tank mix section.

REWARD/BALAN *1.5 EC

Selective Herbicides -- Tank Mix Directions

How to use REWARD and BALAN 1.5 EC For Weed Control on Peanuts.

A tank mix combination of REWARD and BALAN 1.5 E.C. can be used prior to planting for weed control in peanuts.

NOTE: Follow all use precautions and warnings that appear on the BALAN 1.5 EC label and on the REWARD label. Do not contaminate water by cleaning of equipment or disposal of wastes.

WEEDS CONTROLLED

Annual Grasses:

Annual bluegrass
Barnyardgras - watergrass
Crabgrass
Crowfootgrass
Fall Panicum
Field sandbur
Foxtails
Goosegrass
Junglerice
Ryegrass
Johnsongrass, seedling
Texas panicum - (buffalograss)

Perennial Grasses:

Nutsedge - nutgrass

Annual Broadleaf Weeds:

Balloonvine*
Carpetweed
Chickweed
Lambsquarters, common
Florida-purslane - pusley
Knotweed
Palmer amaranth - carelessweed
Pigweed
Purslane
Redmaids

*In Alabama only

APPLICATION DIRECTIONS

The following directions give broadcast rates of REWARD and BALAR 1.5 EC for application prior to planting. Do not apply this combination after planting. BALAN 1.5 EC is not recommended for use on muck or other soil high in organic matter content.

*BALAN - Registered trademark of Elanco Products Company

- (coloradograss)

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Broadcast Rates Per Acre (Conventional spray and center pivot sprinklers):

Apply 2-2/3 pints REWARD plus 3 quarts BALAN 1.5-EC on coarse and medium textured (sandy and loam-light and medium) soils.

Apply 3-1/3 pints REWARD plus 4 quarts BALAN 1.5 EC on fine textured (silt and clay-heavy) soils.

CENTER PIVOT SPRINKLER APPLICATION: (Limit use to the Southeastern U.S. only)

Apply REWARD/BALAN 1.5-EC with irrigation water before planting or immediately after planting before either peanuts or weeds emerge. It is important that application be done immediately after the last tillage operation since poor results will occur if the weeds have germinated before application of the herbicides. Meter the premixed REWARD/BALAN 1.5-EC into the irrigation water during the entire period. Apply in ½ inch of water.

- A. "Apply this product only through center pivot irrigation systems. Do not apply this product through any other type of irrigation system."
- B. "Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from nonuniform distribution of treated water."
- C. "If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts."
- D. "Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place."
- E. "A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise."

Use Precautions:

- 1. "The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water wource contamination from backflow."
- 2. "The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump."
- 3. "The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down."
- 4. "The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops."
- 5. "The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected."
- 6. "Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock."
- 7. "Do not apply when wind speed favors drift beyond the area intended for treatment."

REWARD/TREFLAN 4-EC

FOR PEANUTS Selective Herbicide -- Tank Mix Directions

For TEXAS and OKLAHOMA ONLY

How to use REWARD and TREFLAN 4-EC as a spray tank mix for weed control.

A tank mix combination of REWARD and TREFLAN 4-EC can be used prior to planting for weed control in peanuts. The combination will control a broader spectrum of weeds than either material used alone. It is especially useful where nutgrass and Texas Panicum are a problem.

WEEDS CONTROLLED

Annual Grasses:

Annual bluegrass

Barnyardgrass (Watergrass)

Brachiaria Bromegrass

Cheat Crabgrass Fall Panicum

Foxtails (including Giant Foxtail)

Goosegrass Junglerice

Johnsongrass, seedling

Sandbur Sprangletop Stinkgrass

Texas Panicum (Coloradograss)

Annual Broadleaf Weeds:

Balloonvine* . Carpetweed Carelessweed Chickweed

Florida purslane - pusley

Goosefoot Knotweed Kochia

Lambsquarters

Puncturevine

Pigweeds (Spiny, Redroot)

Purslane Russian Thistle Stinging Nettle

*In Alabama Only

Perennial Grasses:

Nutsedge (Nutgrass)

APILICATIONS DIRECTIONS

The following directions give broadcast rates for REWARD and TREFLAN 4-EC as a spray tank mix for application prior to planting. Read and follow all directions, use limitations, precautions and warnings that appear on the TREFLAN 4-EC and REWARD labels.

Broadcast rates per Acre:

Apply and incorporate before planting 2-2/3 pints of REWARD and 1 pint TREFLAN 4-EC per acre. For band applications, reduce dosage proportionately, depending on row spacing and band width to be treated.

Use the following directions for the REWARD tank mixes on peanuts.

MIXING:

Add the recommended rates of the herbicides to the spray tank during filling and mix thoroughly. Begin adding the herbicides when spray tank is half full. Apply in 10 to 50 gallons of water per acre.

SPRAY EQUIPMENT:

Use a properly calibrated, low pressure, boom-type sprayer having good agitation. Check frequently during application to be sure nozzles are free from clogging and are delivering a uniform spray pattern.

SOIL INCORPORATION:

The tank mix combinations must be mixed (incorporated) into the soil immediately after application. Whenever possible, application and incorporation should be done in the same operation. This can be done by mounting the tanks and boom right on the incorporation rig.

For thorough incorporation, use the following equipment: TANDEM DISC: Set to cut 3 to 6 inches operated at 4-6 mph, followed by a spike-toothed harrow or some other leveling device, which extends beyond the ends of the disc. For thorough mixing, disc in two different directions (cross-disc).

OR: POWER DRIVEN cultivation equipment (tillers, cultivators, hoes) set to cut 2 to 3 inches deep.

Shallow incorporation of less than 2 inches may result in erratic weed control.

PLANTING:

Peanuts should be planted within 48 hours after the combination has been applied to obtain the maximum period of weed control during the growing season.

TANK MIX DIRECTIONS FOR USE ON SOYBEANS

REWARD may be combined with the compounds listed in this section for tank mix applications on soybeans. Recommended rates for each tank mix are listed in the sections below. The mixing, spray equipment, soil incorporation, and planting directions for the REWARD tank mixes on soybeans are listed at the end of the soybean tank mix section.

REWARD/TREFLAN* 4-EC Tank Mix Directions

How to use REWARD and TREFLAN 4-EC as a spray tank mix for weed control on soybeans.

A tank mix combination of REWARD (6 pounds active ingredient per gallon) and TREFLAN E.C. (4 pounds of active ingredient per gallon) can be used prior to planting for weed control in soybeans.

The combination will control a broader spectrum of weeds than either material used alone. This includes tough weeds such as nutgrass, velvetleaf, foxtails, johnsongrass, redroot pigweed and wild cane.

Dependable performance -- because the herbicides are mixed into the soil, rainfall is not needed to move them into the weed germinating zone. They are already there to kill grass and broadleaf weeds when they sprout.

*TREFLAN Registered trademark of Elanco Products Company

WEEDS CONTROLLED

Annual Grasses:

Annual bluegrass

Barnyardgrass (Watergrass)

Brachiaria

Bromegrass

Cheat

Crabgrass

Fall Panicum

Field sandbur

Foxtails

Goosegrass

Junglerice

Johnsongrass, seedling

Sprangletop

Stinkgrass

Texas Panicum - (buffalograss)

(coloradograss)

Wild cane

Annual Broadleaf Weeds:

Balloonvine**

Carpetweed

Chickweed

Common lambsquarters

Florida purslane - pusley

Goosefoot

Knotweed

Kochia

Palmer amaranth - carlessweed

Pigweed

Purslane

Russian thistle

Sicklepod - coffeeweed

Stinging nettle

Velvetleaf - buttonweed

Perennial Grasses:

Nutsedge (Nutgrass) Rhizome johnsongrass*

*Suppression

**In Alabama Only

APPLICATION DIRECTIONS

Read and follow all directions, use limitations, precautions and warnings that appear on the REWARD and TREFLAN E.C. labels. Do not contaminate water by cleaning of equipment or disposal of wastes.

Application Rates

Broadcast Rates/Acre

Soil Texture	REWARD*	TREFLAN 4-EC*
Coarse (light-sandy soils)	2-2/3 pints	l pint
Medium (silt loam & sandy clay soils)	2-2/3 to 3-1/3** pints	l to 1½ pints
Fine (heavy-clay soils)	3-1/3 to 4 pints	1 to 2 pints

^{*}For rhizome johnsongrass suppression use the high rates of TREFLAN 4EC and REWARD.

For Rhizome Johnsongrass - Use mold board plow, chisel plow or similar implement to bring rhizomes to the top of the soil. Then follow with a disc set to cut 4-6 inches deep and operate in two different directions at 4-6 mph before application to cut the rhizomes into small (2-3 inch) pieces. This should also destroy any emerged johnsongrass.

Cultivation is suggested in addition to REWARD/TREFLAN 4-EC treatment in fields with moderate to heavy infestations of nutgrass, wild cane, velvetleaf, and johnsongrass rhizomes.

REWARD/TREFLAN 4-E/METRIBUZIN TANK MIX DIRECTIONS

How to use REWARD and TREFLAN 4-EC and METRIBUZIN (4-L or 50-WP) as a spray tank mix.

A tank mix of REWARD (6 pounds active ingredient per gallon) and TREFLAN 4-EC (4 pounds active ingredient per gallon) and METRIBUZIN 4-L (4 pounds active ingredient per gallon) or METRIBUZIN 50-WP (50% active ingredient by weight) can be used prior to planting for weed control in soybeans.

The combination will control a broader spectrum of weeds than the REWARD/TREFLAN 4-EC tank mix.

^{**}For nutgrass, wild cane and velvetleaf control, use the high rate of 3-1/3 pints REWARD on medium textured soils.

WEEDS CONTROLLED

Annual Grasses:

Annual bluegrass
Barnyardgrass (Watergrass)
Brachiaria
Bromegrass
Cheat
Crabgrass
Fall Panicum
Field sandbur
Foxtails
Goosegrass
Junglerice
Johnsongrass, seedling
Sprangletop
Stinkgrass

Texas Panicum - (buffalograss)

(coloradograss)

. . . .

Wild cane

Annual Broadleaf Weeds:

Balloonvine**
Carpetweed
Chickweed
Common lambsquarters
Common ragweed
Florida pusley
Goosefoot
Knotweed
Kochia
Palmer amaranth - (carlessweed)
Pennsylvania smartweed
Pigweed
Prickly sida
Purslane
Russian thistle

Sicklepod - coffeeweed Stinging nettle

stinging nettle

Velvetleaf - buttonweed

Venice Mallow

Perennial Grasses:

Nutsedge - nutgrass) Yellow Nutsedge - nutgrass Rhizome johnsongrass*

*Suppression
**In Alabama Only

APPLICATION DIRECTIONS

Read and follow all directions, use limitations, precautions and warnings that appear on the REWARD, TREFLAN 4-EC and appropriate METRIBUZIN (4-L or 50-WP) labels. Don not contaminate water by cleanding of equipment or disposal of wastes.

APPLICATION RATES

Soil Texture	REWARD	TREFLAN 4-EC	Broadcast Rates/Acre METRIBUZIN 4L or 50WP
Medium (silt loam& sandy clay . soils)	2-2/3 to 3-1/3 pts.	l pint	g pint or g pound
Fine (heavy-clay soils)	3-1/3 to 4 pints	l pint	1/2-3/4 pint or 1/2-3/4 pound

^{*}For Rhizome johnsongrass suppression use the high rate of REWARD.

^{**}For nutsedge, wild cane, and velvetleaf control, use the high rate of 3-1/3 pints of REWARD on medium-textured soils.

Do not use the REWARD/TREFLAN/METRIBUZIN tank mix on coarse (light sandy) soils.

For Rhizome johnsongrass-use mold board plow, chisel plow or similar implement to bring rhizomes to the top of the soil. Then follow with a disc set to cut 4-6 inches deep and operate to two different directions at 4-6 mph before application to cut the rhizomes into small (2-3 inch) pieces. This should also destroy any emerged johnsongrass.

Cultivation is suggested in addition to REWARD/TREFLAN 4-EC/METRIBUZIN (4-L or 50-WP) treatment infields with moderate to heavy infestations of nutgrass, wild cane, velvetleaf, and johnsongrass rhizomes.

REWARD/AMIBEN TANK MIX DIRECTIONS

How to use REWARD and AMIBEN as a spray tank mix for weed control on soybeans.

A tank mix combination of REWARD (6 pounds active ingredient per gallon) and AMIBEN (2 pounds active ingredient per gallon) can be used prior to planting, for weed control in soybeans.

The combination will control a broader spectrum of weeds than either material used alone.

WEEDS CONTROLLED:

Annual Grasses:

Barnyardgrass - watergrass Crabgrass Foxtail (Giant, green, yellow) German Millet Goosegrass

Johnsongrass, seedling

Stinkgrass

Perennial Grasses:

Purple nutsedge - nutgrass Yellow nutsedge - nutgrass

Annual Broadleaves:

Carpetweed Chickweed Coffeeweed Florida pusley Kochia

Lambsquarters, common Morningglory, annual

Mustard, wild Nightshade, black

Pigweed (redroot, smooth) Prickly sida - teaweed

Purslane

Ragweed, common

Sicklepod

Smartweed, Pennsylvania

Spurge, annual

Velvetleaf - buttonweed

APPLICATION DIRECTIONS

Read and follow all directions, use limitations, precautions and warnings that appear on the REWARD and AMIBEN labels. Do not contaminate water by cleaning of equipment or disposal of wastes.

APPLICATION RATES:

Broadcast Rates/Acres

Soil Texture

REWARD

AMIBEN

Medium (silt loam & sandy clay soils)

2-2/3 pints

3 quarts

For mixing, spray equipment, soil incorporation, and planting directions, refer to the directions at the end of the REWARD tank mix on soybeans section of this label.

REWARD/BASALIN* 4-E TANK MIX DIRECTIONS

How to use REWARD and BASALIN 4-E as a spray tank mix on soybeans.

A tank mix combination of REWARD (6 pounds active ingredient per gallon) and BASALIN (4 pounds active ingredient per gallon) can be used prior to planting for weed control in soybeans.

The combination will provide better weed control than either herbicide used alone.

*BASALIN Registered trademark of BASF Wyandotte Corp.

Annual Grasses:

Annual Broadleaves:

Barnyardgrass - watergrass Crabgrass Foxtail (Giant, green, yellow) German millet Goosegrass Johnsongrass, seedling

Carpetweed
Florida pusley
Lambsquarters, common
Morningglory, annual
Pigweed; redroot, smooth
Purslane
Sicklepod
Velvetleaf - buttonweed

Perennial Grasses: Purple nutsedge - nutgrass Yellow nutsedge - nutgrass

APPLICATION DIRECTIONS

Read and follow all directions, use limitations, precautions and warnings that appear on the REWARD and BASALIN 4-E labels. Do not graze treated plant parts to livestock. Do not contaminate water by cleaning of equipment or disposal of wastes.

APPLICATION RATES:

Broad_ast rates/Acre:

Soil Texture	REWARD	BASALIN 4-E
Coarse (light-sandy soils)	2 pints	3/4 pint
Medium (silt loam and sandy clay soils)	2-2/3 pints	l pint

For mixing, spray equipment, soil incorporation, refer to the directions at the end of the REWARD tank mix on soybeans section of this label.

REWARD/LASSO* 4-EC TANK MIX DIRECTIONS

How to use REWARD and LASSO 4-EC as a spray tank mix for weed control on soybeans.

A tank mix combination of REWARD (6 pounds active ingredient per gallon) and LASSO 4-EC (4 pounds active ingredient per gallon) can be used prior to planting for weed control in soybeans grown in North Central States of Michigan, Indiana, and Illinois. Do not use on sandy or loamy sandy soils as injury may occur.

The combination will provide better weed control than either herbicide used alone.

WEEDS CONTROLLED:

Annual Grasses:

Barnyardgrass - watergrass Crabgrass Fall panicum Foxtail (Giant, green, yellow) Goosegrass Johnsongrass, seedling

Annual Broadleaves:

Carpetweed
Florida pusley
Lambsquarters, common
Morningglory, annual
Pennsylvania smartweed
Pigweed; redroot, smooth
Purslane
Sicklepod
Velvetleaf - buttonweed

Perennial Grasses:

Purple nutsedge - nutgrass Yellow nutsedge - nutgrass

APPLICATION DIRECTIONS

Read and follow all directions, use limitations, precautions and warnings that appear on the REWARD and LASSO 4-EC labels. Do not contaminate water by cleaning of equipment or disposal of wastes.

APPLICATION RATES:

Broadcast rates/Acres:

Soil Texture	REWARD	LASSO 4-EC
Coarse (light-sandy soils)	2 pints	2 pints
Medium (silt loam and sandy clay soils)	2-2/3 pints**	3 pints
Fine (heavy - clay soils)	3/-1/3 pints	4 pints

^{**}For nutgrass and velvetleaf control, use the rate of 3-1/3 pints of REWARD on medium and fine textured (medium and heavy - clay) soils.

For mixing, spray equipment, soil incorporation, and planting directions, refer to the directions at the end of the REWARD tank mix on soybean section of this label.

REWARD/PROWL* 4-E TANK MIX DIRECTIONS

How to use REWARD and PROWL 4-3 as a spray tank mix for weed control on soybeans.

A tank mix combination of REWARD (6 pounds active ingredient per gallon) and PROWL 4-E (4 pounds active ingredient per gallon) can be used prior to planting for weed control in soybeans.

The combination will provide better weed control than either herbicide used alone.

WEEDS CONTROLLED:

Annual Grasses:

Barnyardgrass - watergrass Crabgrass Foxtail millet Foxtail (Giant, green, yellow) Goosegrass Johnsongrass, seedling

Annual Broadleaves:

Carpetweed
Florida pusley
Lambsquarters, common
Morningglory, annual
Pigweed; redroot, smooth
Purslane
Sicklepod
Velvetleaf - buttonweed

^{*}Reg TM of Monsanto Company

Perennial Grasses:

Purple nutsedge - nutgrass Yellow nutsedge - nutgrass

APPLICATION DIRECTIONS

Read and follow all directions, use limitations, precautions and warnings that appear on the REWARD and PROWL 4-E labels. Do not contaminate water by cleaning of equipment or disposal of wastes.

APPLICATION RATES:

Broadcast rates/Acre:

Soil Texture	REWARD	PROWL 4-E
Coarse (light-sandy soils)	2 pints	3/4 pints
Medium (silt loam and sandy clay soils)	2-2/3 pints**	l pint
Fine (heavy - clay soils)	3-1/3 pints	l ¹ 2 pints

^{**}For nutgrass and velvetleaf control, use the rate of 3-1/3 pints of REWARD on medium textured (medium and heavy - clay) soils.

For mixing, spray equipment, soil incorporation, and planting directions, refer to the directions at the end of the REWARD tank mix on soybean section of this label.

*Reg. TM of American Cyanamid Company.

DELETE

REMARD/TOLBAN* & L TANK MIX DIRECTIONS

How to use REWARD and TOLBAN 4-E as a spray tank mix for weed control on soybeans.

A tank mix combination of REWARD (6 pounds active ingredient per gallon) and TOLDAN 4-E (4 pounds active ingredient per gallon) can be used rior to planting for weed control in soybean.

The combination will provide better weed control than either herbicide used alone.

WEEDS CONTROLLED:

Annual Frasses:

Barnyardgrass - watergrass crabgrass Foxtail (Clant, green, yellow) German millet Goodgrass Johnsongrass, seedling

Annual broadleaves:

Carpetweed
Plorida puskey
Lambsquarters, common
Morningglory, annual
Pennylvania smartweed
Pigweed; redroot, smooth
Purslane
Sicklepod

Velvetleaf - buttonweed

Perennial Grasses

Purple nutsedge - nutsrass Yellow nutsedge - putgrass

APPLICATION DIRECTIONS

Read and follow all directions, use limitations, precautions and warnings that appear on the REWARD and TOLBAN 4-E labels. Do not contaminate water by cleaning of equipment or disposal of wastes.

APPLICATION RATES

Soil Texture

Coarse (light-sandy soils)

Medium (silt loam and sandy clay soils)

Fine (heavy - clay soils)

Broadcas rates/Acres:

REWARD TOLBAN 4-EC

2 pints 3/4 pints

 $2\sqrt{2}/3$ pints** 1 pint

3/-1/3 pints $\sqrt{1}$ pints

**For nurgrass and velvetleaf control, use the rate of 3-1/3 pints of REWARD on medium textured soils.

For mixing, spray equipment, soil incorporation, and planting directions, refer to the directions at the end of the REWARD tank mix on soylean section of this label.

* TOLBAN Registered TM of Ciba-Geigy Corp.

USE THE FOLLOWING DIRECTIONS FOR THE REWARD TANK MIXES ON SOYBEANS

Mixing:

Add the recommended rates of both REJARD and TREFLAN 4-EC to the spray tank during filling man mix thoroughly. Begin adding the herbicides when spray tank is half full. Apply in 10-50 gallons of water per acre.

Spray Equipment:

Use a properly calibrated, low pressure, boom-type sprayer having good agitation. Check frequently during application to be sure nozzles are free from clogging and delivering a uniform spray pattern.

DRY FERTILIZER STATEMENT

REWARD/TREFLAN 4-EC tank mix may be impregnated on many dry bulk fertilizers for use on soybeans. However, uniform distribution of REWARD/TREFLAN 4-EC on fertilizer particles and uniform application are necessary to assure good result: See Appendix II giving directions for impregnation and use.

Soil Incorporation:

The tank mix combinations with REWARD must be mixed (incorporated) into the soil immediately after application. Whenever possible, application and incorporation should be done in the same operation. This can be done by mounting the tanks and boom right on the incorporation rig.

For thorough incorporation, use the following equipment:

Tandem Disc - Set to cut to a depth of 4 inches, followed by spiked-tooth harrow or some other leveling device which extends beyond the ends of the disc. For thorough mixing, disc in two different directions (cross disc).

OR: Power-driven cultivation equipment to cut to a depth of 2-3 inches.

Planting:

Do not plant seeds deeper then 2 inches. Seeding can be done immediately, or it may be delayed up to 10 days. If it is necessary to work the soil following application and incorporation, but before planting, do not work the soil deeper than the depth the herbicide was incorporated i.e., no more than the depth the herbicides were incorporated. To avoid removing the herbicide from the row (with loss of weed control in the row) do not move or shape soil after treatment, such as by planting in deep furrows.

APPENDIX I

PROCEDURE FOR TESTING THE COMPATIBILITY OF REWARD AND COMBINATIONS WITH FLUID FERTILIZERS

The following procedure is suggested for determining whether REWARD may be combined with a specific fluid fertilizer for spray tank application.

MATERIALS REQUIRED:

- 1. REWARD and/or combination
- 2. Fluid firtilizer to be used.
- 3. Adjuvant for fertilizer tank mix: Compex*, Sponto 168-D*, Unite* or equivalent. The adjuvant which provides the best compatibility depends on the specific fertilizer under consideration.
 - *Compex^M, Kalo Laboratories, Inc., Kansas City, Missouri; Sponto 168-D^M, Witco Chemical Company, Houston, Texas; Unite, Hopkins Agricultural Chemical Company, Madison, Wisconsin.
- 4. Two one-quart, wide-mouth glass jars with lid.
- 5. Measuring spoons; a 25 ml pipette or graduated cylinder provides more accurate measurement; I tablespoon equals 3 teaspoons, I teaspoon equals approximately 5 milliliters.
- 6. Measuring cup, 8 oz. (237 ml).

PROCEDURE:

- 1. Pour a pint (about 473 ml) of the fluid fertilizer into each of the quart jars.
- 2. Add adjuvant to one of the jars and mix (see rate table).
- 3. Add the REWARD to the desired combinations of herbicide to both jars (see rate table for REWARD).
- 4. Close both jars with lid and mix the contents by turning the jars upside down ten times.
- 5. Inspect the surface and body of the mixtures --
 - A. Immediately after completing the jar inversions
 - B. After allowing the jars to stand quietly for 30 minutes.
 - C. And then again after turning the jars upside down 10 times.

APPENDIX I (continued)

If a uniform mix cannot be made, the mixture should not be used. If either mixture remains uniform for 30 minutes, the combination may be used. Should either mixture separate after 30 minutes, but readily remix uniformly with the jar inversions, the mixture can be used if adequate agitation is maintained in the tank. If the mixture with adjuvant is satisfactory, but the one without adjuvant is not, be sure to use the adjuvant in the spray tank. Add the adjuvant first at a rate of 3 pints per 100 gallons of fluid fertilizer; foaming can be minimized by using moderate agitation.

If nondispersible oil, sludge or clumps of solids for in the mixtures, the combinations should not be used.

Rate Table For REWARD and Adjuvant** With The Fluid Fertilizer

Gallons of Fluid Fertilizer To Be Applied Per Acre	mL. or Tsp. of REWARD* To Be Added To 1 Pint of REWARD	
	mL.	Tsp.
10	8	1-3/5
15	5	1
20	4	4/5
25	3	2/3
30	2.5	1/2
40	2	2/5

- * Based on field rate of 1 pourd active ingredient per acre in the fertilizer volumes indicated. Increase volume proportionately to correspond with intended field rate in terms of pounds active ingredient per acre (e.g. for field rate of 4 pounds actual actice ingredient in 40 gallons fertilizer per acre, add 8 ml. or 2 tsp. REWARD to each jar for compatibility testing purposes).
- ** Two (2) milliliters or one-half (1/2) teaspoon of adjuvant should be added to 1 pint of fluid fertilizer in order to equal the rate of 3 pints of adjuvant per 100 gallons of fluid fertilizer.

APPENDIX II

REWARD and REWARD/TREFLAN* 4-EC IMPREGNATION ON DRY BULK FERTILIZERS

CAUTION: REWARD alone or in combination with other herbicides must not be impreganted on ammonium nitrate, sodium nitrate or potassium nitrate. Such mixtures may cause explosion and fire.

REWARD alone may be impregnated on many* dry bulk fertilizers for use on registered crops. REWARD in combination with TREFLAN man be impregnated on many* dry bulk fertilizers and applied and incorporated in the soil before planting for the control of labeled grasses and broadleaf weeds in soybeans.

Field results have shown that REWARD and REWARD/TREFLAN 4-EC on dry bulk fertilizers give weed control equal to REWARD and REWARD/TREFLAN 4-EC applied as a spray in water or liquid fertilizer. However, uniform impregnation of herbicide solution on the dry fertilizer particles and uniform application in the field are necessary to assure good results.

For impregnating pesticides on dry fertilizers, use a closed rotary-drum mixer or a similar type of closed blender equiped with suitable spray equipment. The spray nozzle (or nozzles) should be positioned inside of the mixer to provide uniform spray coverage of the tumbling fertilizer. For the REWARD and REWARD/TREFLAN 4-EC combination, premix in the proper use ratio to prepare a uniform solution for joint spray impregnation. The physical properties of fertilizers vary, particularly in liquid absorptive capacity. When absorptivity is sufficient, simple spray impregnation of the fertilizer with REWARD or REWARD/TREFLAN 4-EC provides a satisfactory, dry mixture. If the absorptive capacity is inadequate, use of a highly absorptive powder is required to provide a dry, flowable mixture. Microcel E (Johns-Manville Products Corp.) is the recommended absorbent powder. It should be added separately and uniformly to the prepared REWARD or REWAL J/TREFLAN 4-EC fertilizer mixture, in a quantity that is sufficient to provide a suitably flowable mixture. Generally less than 2% by weight of Microcel E is required. The amount of product actually required in the manufacture of individual fertilizer mixture should be determined carefully for each production operation. This is necessary to ensure that the amount of REWARD/TREFLAN 4-EC actually contained in the mixture applied to the soil represents the correct rate of use.

All REWARD and TREFLAN 4-EC label recommendations regarding rates per acre, soil incorporation, application, cautions, general use precautions and other directions must be followed.

All individual state regulations relating to bulk dry fertilizer blending, registration, labeling and application are the responsibility of the indivudual and/or company selling the fertilizer and REWARD and/or REWARD/TREFLAN 4-EC mixture.

APPENDIX II (continued)

A minimum of 200 pounds and a maximum of 450 pounds of approved ingredients* impregnated with REWARD/TREFLAN 4-EC at the recommended rate must be applied per acre.

Bulk fertilizer impregnated with REWARD should be applied immediately, not stored. It is recommended that all bulk containers be tightly covered while the product is being transported and applied to reduce chances of REWARD loss via volatilization.

*Approved Dry Fertilizer Ingredients

	<u>N</u>	<u>P</u>	<u>K</u>
Ammonium Sulfate	21	0	0
Diammonium Phosphate	18	46	0
Potassium Chloride	0	0	60
(Single) Superphosphate	0	20	0
Triple Superphosphate	0	46	0
Urea	45	0	0
Ammonium Phosphate-Sulfate	16	20	0
Potassium Sulfate	0	0	52

NOTE: Sul-PO-MAG, K-MAG, and 11-48-0 have been shown to be compatible with REWARD plus TREFLAN 4-EC and are approved for use.

REWARD Typical Physical Data

Specific Gravity, 30/20°C 0.972 (typical)
Pounds/Gallon, 20°C 8.091 (typical)
Flashpoint: 187°F (Setaflash closed cup)
Viscosity: Sprayable down to minus 20°F

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water food, feed, fertilizer or seeds by storage or disposal.

STORAGE: Keep container tightly closed when not in use. Can be stored at temperatures as low as minus 50°F.

PESTICIDE DISPOSAL: Rinse spray equipment. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL:

METAL: Triple rinse (or equivalent), then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other approved State and local procedures.

<u>PLASTIC</u>: Triple rinse (or equivalent), then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

NOTICE TO BUYER AND USER: Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal use conditions, or under conditions not reasonably foreseeable to Seller, and Buyer and User assume the risk of any such use. SELLER DISCLAIMS ALL OTHER WARRANTIES EXPRESSED OR INPLIED INCLUDING ANY WARRANTY OF FITNESS OR MERCHANTABILITY. SELLER SHALL NOT BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT AND SELLER'S SOLE LIABILITY AND BUYER'S AND USER'S EXCLUSIVE REMEDY SHALL BE LIMITED TO THE REFUND OF THE PURCHASE PRICE.