

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION

Harmful if swallowed, inhaled or absorbed through the skin. Do not get in eyes or on skin. Do not breathe spray mist. Wash thoroughly after handling. If swallowed, induce vomiting. Get medical attention. If inhaled, contact your nearest Poison Control Center. If on skin, remove by washing. Get medical attention if irritation persists. If in eyes, flush with plenty of water. Get medical attention if irritation persists.

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

ENVIRONMENTAL HAZARDS

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

Simazine is a chemical which can travel (leech or leach) through soil and can contaminate ground water which may be used as drinking water. Simazine has been found in ground water as a result of agricultural use. Users are advised not to apply Simazine where the water table (ground water) is close to the surface and where the soils are very permeable, i.e., well-drained soils such as loamy sands. Your local agricultural agencies can provide further information on the type of soil in your area and location of ground water.

GENERAL INFORMATION

SIM TROL 4L is a herbicide that should be applied before weeds emerge or following removal of weed growth. It controls a wide variety of annual broadleaf and grass weeds when used at selective rates in agricultural crops and ornamental plantings. When used at higher, non-selective rates in non-crop areas, it also controls many perennial broadleaf and grass weeds.

Since SIM TROL 4L enters weeds mainly through their roots, rainfall or irrigation is needed to move it into the root zone. Very dry soil conditions and lack of rainfall following application may necessitate shallow cultivation.

SIM TROL 4L controls most annual broadleaf and grass weeds such as:

Amaranth	Crabgrass (Digitaria spp.)	Mustard	Shepherdspurse
Annual Bluegrass	Downy Brome (Cheat)	Nightshade	Silver Hairgrass
Annual Morningglory	Freweed	Yarrow	Smartweed
Annual Ryegrass	Flora's Paniclegrass	Prickly Lettuce	Sparsh Needle
Barnyard grass (Watergrass)	Florida Pusley	Purslane	Tansymustard
Bracharia spp.	Foxtails	Ragweed	Wild Oats
Carpetweed	Goosegrass	Rattail Fescue	Wiregrass
Carpetweed	Junglerice	Russian Thistle	Witchgrass
Common Chickweed	Lambquarters	Shepherdspurse	

SIM TROL 4L is non-corrosive to equipment, non-flammable, and has low electrical conductivity.

SIM TROL 4L is a flowable formulation to be mixed with water and applied as a spray. Add SIM TROL 4L to the spray tank during or after filling. Sufficient hydraulic (jet) or mechanical agitation should be provided during mixing and application to keep the material in suspension.

EQUIPMENT:

Ground Application: Use conventional spray equipment with 80° fan type nozzles. Screens in nozzles as well as those in suction and mixing strainers should be no finer than 50 mesh.

Use hydraulic or mechanical agitation during mixing and application to maintain a uniform suspension.

Use a pump with capacity to maintain 25-40 psi at the nozzles. If hydraulic agitation is used, the pump should also provide sufficient agitation in the tank to keep the mixture in suspension.

Wash sprayer thoroughly with clean water immediately after use.

Aerial Application: Use aerial application only where specified in the use directions. Screens in nozzles as well as those in suction and mixing strainers should be no finer than 50 mesh.

Avoid application directly to animals or humans. Although it is unnecessary for flagmen or loaders to wear protective clothing or equipment, care should be taken to avoid inhalation of dust or spray mist or contact with skin. Flagmen and loaders should wash thoroughly before eating and at the end of each day's operation.

Wash sprayer thoroughly with clean water immediately after use.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then offer for recycling or other beneficial use, or puncture and dispose of in a sanitary landfill, or incineration, or as allowed by state and local authorities, by burning, if but not in any open flame.

Do not enter treated areas without protective clothing until sprays have dried.

Because certain states may have more restrictive re-entry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

Do not apply when weather conditions favor drift from treated areas.

Apply this product only as specified on this label.

Add SIM TROL 4L directly to the spray tank partially filled with clean water, add any tank mix ingredients and then add remainder of water and provide constant agitation during mixing to keep mixture in suspension. Agitation should not be so violent as to cause air bubbles to form in mixture.

For ground application where the amount of water is not specified, apply SIM TROL 4L in 20-40 gals. of water per acre.

For aerial application, use a minimum of one gal. of water for each 100 lbs. of SIM TROL 4L per acre, unless specified differently.

FRUIT AND NUT CROPS

Apply this spray to the orchard or vineyard free avoiding contact with fruit, foliage or stems. Make applications only to orchards or vineyards where trees have been established one year or more. Make only one application per year except as noted otherwise. Recommended rates are based on broadcast treatment. For band applications or spot applications around trees in fruit or nut plantings, reduce the broadcast rate of SIM TROL 4L and water per acre in proportion to the area actually treated.

APPLES, PEARS, SWEET CHERRIES: Apply 2.4 Ots. per acre.

AVOCADOS: California only. Apply 2.4 Ots. per acre after final preparation of grove. **PRECAUTION:** Do not apply to sandy soil.

ALMONDS AND PEACHES: Selective herbicide. Apply 2.4 Ots. per acre in the fall or in the spring or apply a split application of 2 Ots. per acre in the fall plus 2 Ots. per acre in the spring plus 2 Ots. per acre in the fall plus 2 Ots. per acre in the spring. Do not apply when fruit is in flower.

ORANGES: Apply 4 Ots. per acre in the fall or in the spring applying 2 Ots. per acre in the fall plus 2 Ots. per acre in the spring when sweetgrass is actively growing.

CRANBERRIES: Massachusetts. Apply up to 4 Ots. per acre either before spring growth begins or in the fall after harvest. (Other areas: Apply 2 Ots. per acre before spring growth begins.)

PLUMS: Oregon and Washington only. Apply 2.4 Ots. per acre in the fall or apply a split application of 2 Ots. per acre in the fall plus 2 Ots. per acre in the spring.

PRECAUTION: If trees are planted on a hillside, excessive soil erosion may result from the elimination of weeds. Do not use on any sandy soil.

PEACHES, PLUMS, SWEET CHERRIES: Apply 2.4 Ots. per acre. Apply in the fall for early emergence of weeds and in the spring.

PRECAUTIONS: 1) Do not apply to sandy or gravelly soil. 2) Peaches: use only in Ariz., Cal., Mich., N.D., Tex., and the states east of the Mississippi River. 3) Plums and sweet cherries: use only in Mich. and states east of the Mississippi River except Tenn.

WALNUTS: Apply 2.4 Ots. per acre. Do not apply to sandy soil. 2) Leveling and furrowing operations after application will lessen effectiveness of weed control.

NOTE: Do not apply when nuts are on the ground.

SIM-TROL 4L plus Paraquat CL Tank Mix Combination For Weed Control in Apples, Peaches and Pears

SIM-TROL 4L plus Paraquat CL tank mix combination is effective in apple, peach, and pear orchards for kill of existing vegetation and for residual control of the annual broadleaf and grass weeds listed under General Information.

This combination is also effective for top kill and suppression of perennial weeds.

Apply the rates shown in the following table as a tank mix in 50-200 gals. of water per acre to the orchard free avoiding contact with fruit, foliage or stems. Apply when the weeds and grasses are succulent and the new growth is from 1-6 inches tall.

Since SIM-TROL enters weeds mainly through their roots, rainfall or irrigation is needed to move it into the root zone.

Crop	Broadcast SIM TROL 4L	Paraquat CL
Apples	2.4 Ots.	1.2 Ots.
Pears	2.4 Ots.	1.2 Ots.
Peaches**	1.6-4 Ots.	1.2 Ots.

* For band applications or spot applications around trees in fruit or nut plantings, reduce the broadcast rate of SIM TROL 4L in proportion to the area actually treated.

** Do not apply to peaches on sandy or gravelly soil. Use in orchards only in Ariz., Cal., Mich., N.D., Tex., and states east of the Mississippi River.

In the table above, use the low rate on coarse textured soil and low organic matter soil. Use the higher rate on fine textured soil and organic matter soil.

PRECAUTIONS: 1) Make only one application per year. 2) Make applications only in orchards or groves where trees have been established one year or more. 3) Do not spray under windy conditions and use a shield for young trees.

Note: Do not allow animals to graze treated areas.

SIM-TROL 4L plus Evik 80W for Grapefruit and Oranges

Use in grapefruit and oranges in FL and TX for control of weeds listed in the following table. For general information, apply the rates given below as a minimum of 40 gallons of water per acre. Avoid contact with citrus fruit, foliage or stems. Do not spray when windy. Apply when weeds have resumed active growth in the spring. Do not spray when trees are in bloom or in fruit. (Except as noted for weeds.) Apply only once per year. In avoid possible injury to citrus trees, do not spray around trees that have been established in the grove less than two years, or where trees are in fruit. Do not spray from trees damage for one year after the freeze. Do not apply with 30 days before harvest. Do not graze treated areas. Observe all precautions and limitations on the labeling of SIM TROL 4L and EVIK 80W. When mixing, add EVIK 80W slurry to water in spray tank, agitate thoroughly, then add SIM TROL 4L and agitate thoroughly again.

FLORIDA (Ridge Area): Apply 4 qts. of SIM TROL 4L plus 5 lbs. of EVIK 80W per acre. Apply only to sweetwater vine when applied either pre-emergence or on weeds up to 24 inches tall.

FLORIDA (Beside Area): Apply 3.2 qts. SIM TROL 4L plus 6 lbs. of EVIK 80W per acre. Apply only to sweetwater vine when applied either pre-emergence or on weeds up to 12 inches tall.

TEXAS: Apply 3.2 qts. of SIM TROL 4L plus 2.3 lbs. of EVIK 80W per acre. Apply only to sweetwater vine when applied either pre-emergence or on weeds up to 24 inches tall. In areas where there is a minimum of 40 gals. of water per acre before or soon after weed growth begins, when mixed with a slurry of Bromacil 80W slurry to water in spray tank, agitate thoroughly, then add SIM TROL 4L and agitate thoroughly again. Avoid contact of foliage and fruit with spray or mist. Apply only once per year. Use the lower rate for light weed infestations or at application intervals. It is always best to apply herbicides to young weed infestations only in ridge grown citrus trees. Temporary yellowing of the leaves may occur after treatment.

SIM-TROL 4L plus Bromacil 80W for Grapefruit and Oranges (Florida Only):

Use in grapefruit and oranges in Florida for control of pigweed, black nightshade, yellow wood sorrel, grasses, cultivated dayweed, Florida palmy, horseteed, purpleweed, pigweed, purple top, yellow top, red top, spanish needles and sanitar, and for partial control of bermudagrass, bahiagrass, johnsongrass, guinea grass, and torontograss. Apply 3.2-6.4 qts. of SIM TROL 4L plus 3.4 lbs. of Bromacil 80W per acre. Apply only to sweetwater vine when applied either pre-emergence or on weeds up to 24 inches tall. In areas where there is a minimum of 40 gals. of water per acre before or soon after weed growth begins, when mixed with a slurry of Bromacil 80W slurry to water in spray tank, agitate thoroughly, then add SIM TROL 4L and agitate thoroughly again. Avoid contact of foliage and fruit with spray or mist. Apply only once per year. Use the lower rate for light weed infestations or at application intervals. It is always best to apply herbicides to young weed infestations only in ridge grown citrus trees. Temporary yellowing of the leaves may occur after treatment.

PRECAUTIONS: To avoid possible injury, do not use in nurseries or around trees that have been established in groves for less than four years or where trees are in fruit. Do not spray from trees damage for one year after the freeze. Do not use on soil with less than 1% organic matter or on sandy, drained soils. Do not treat trees planted in irrigation furrows. Do not treat diseased trees such as those with frost kill. Do not use in groves in contact with other trees or desirable plants, nor in grapefruit or orange plantings, or in areas where roots of other valuable plants or trees may extend. In nut groves may be planted to citrus trees one year after application. Do not rotate to other crops within 1 year after application.

SIM-TROL 4L plus Paraquat

This tank mix is effective in the following fruit and nut crops for kill of existing vegetation and for residual control of the annual broadleaf and grass weeds listed for SIM TROL 4L applied alone. This combination is also effective for top kill and suppression of perennial weeds.

Use this tank mix on these crops:

Almonds (CA only)	Macadamia Nuts
Apples	Olive
Avocados (CA & FL only)	Plum
Cherries (sour & sweet)	Peaches
Aliberts	Plum
Grapefruit (CA, FL & TX only)	Plum
Grapes	Walnuts
Lemons (AZ & CA only)	

Apply the SIM TROL 4L rate given under the appropriate crop on this label plus 1.2 qts. Paraquat in 50-200 gallons (30-50 gallons for peaches) of water per acre to the orchard free avoiding contact with fruit, foliage or stems. Add a nonionic surfactant, such as X 77, at 0.5 lbs. per 100 gals. of spray. Apply when weeds are succulent and new growth is 1-6 inches tall. For mature woody weeds or difficult to control perennial weeds, treat or spot treat with paraquat if regrowth occurs. Apply the tank mix only once per year. Do not spray under windy conditions. Use a shield for young trees.

Add SIM TROL 4L to the spray tank first (refer to Mixing Procedures section of this label), then add paraquat, and add surfactant last. Provide constant agitation during mixing and application to keep mixture in suspension.

Refer to the SIM TROL 4L and paraquat labels for additional directions, specific weeds controlled, and precautions and limitations on each crop.

- In avocados in Florida, the tank mix also controls black nightshade, yellow wood sorrel, and at the higher rate of each herbicide it suppresses coral.
- In grapefruit and oranges in Florida, apply 1.2 qts. SIM TROL 4L per acre in budbreak areas and 6.4-9.6 qts. SIM TROL 4L per acre in ridge areas.
- Limited to CA, AR, LA, MO, OK, TX and states east of the Mississippi River. As appropriate refer to SIM TROL 4L sections: Almonds and Peaches (CA only) or Peaches, Plums, Sweet Cherries for rate of SIM TROL 4L and other information.
- Limited to MO and states east of the Mississippi River.

*Based on a product containing 2 lbs. paraquat per 100 gallons.

RESTRICTED USE PESTICIDE

For retail sale to and application only by certified applicators or persons under their direct supervision.

ACCEPTED
JAN 31 1985

1812-250

SIM-TROL 4L

SIMAZINE

FLOWABLE HERBICIDE

ACTIVE INGREDIENT: Simazine (2-Chloro-4, 6-bis (ethylamino)-s-triazine) 42.8%
INERT INGREDIENTS: 57.2%
TOTAL 100.0%

CAUTION

KEEP OUT OF REACH OF CHILDREN

STATEMENT OF PRACTICAL TREATMENT

If swallowed, drink 1 or 2 glasses of water. Induce vomiting by placing finger in back of throat. Call a Physician. Never give anything by mouth to an unconscious person.

If inhaled, remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. Get medical attention.

If on skin, remove by washing.

If in eyes, flush with plenty of water. Get medical attention if irritation persists.

See Side Panel For Additional Precautionary Statements



GRIFFIN CORPORATION
VALDOSTA, GEORGIA 31701
NET CONTENTS 2 1/2 gallons

E.P.A. Reg. No. 1812-25
E.P.A. Est. No. 1812 GA-1

Apply the rates shown in the following table as a tank mix in 50-200 gallons of water per acre to the orchard free avoiding contact with fruit, foliage or stems. Apply when the weeds and grasses are succulent and the new growth is from 1-6 inches tall.

Since SIM TROL 4L enters weeds mainly through their roots, rainfall or irrigation is needed to move it into the root zone.

ALMONDS: For use in California only.

Crop	Broadcast SIM-TROL 4L	Paraquat CL
Almonds***	1.2 Ots.	1.2 Ots.

*** Do not apply to almonds when nuts are on the ground during the harvest period. Do not treat trees established in the grove less than 3 years. Do not treat Mexican variety almonds. Do not apply to almond trees propagated on plum rootstocks. Do not treat almonds in treated soil. Do not apply on gravelly, sandy or loamy soil or on soil with less than 1% organic matter. Do not treat areas where water will accumulate.

PEACHES: Apply the rate in the following table before weeds emerge in the spring.

Soil Texture	Rate Per Acre
Sandy, loamy sand	Do Not Use
Loam or clay soil low in organic matter	2-3 Ots.
Clay soil high in organic matter	3 Ots. - 1 Gal.

PRECAUTIONS: Do not use west of the Peace River in Texas or in New Mexico, Arizona or California. Do not make applications to established trees that have been established less than two years in the grove as it may injure trees.

Since SIM-TROL 4L enters weeds mainly through their roots, rainfall or irrigation is needed to move it into the root zone. Very dry soil conditions and lack of rainfall following application may necessitate shallow cultivation.

SIM-TROL 4L controls most annual broadleaf and grass weeds such as:

Amaranth	Crabgrass (Digitaria spp.)	Mustard	Shepherdspurse
Annual Bluegrass	Downy Brome (Cheat)	Nightshade	Silver Hairgrass
Annual Morningglory	Fleabane	Pigweed	Smartweed
Annual Ryegrass	Flora's Panbush	Puncturewort	Spanish Needles
Barnyardgrass (Watergrass)	Florida Pusley	Purslane	Tansymustard
Braehare spp.	Kostate	Ragweed	Wad Oats
Carpenterweed	Goosegrass	Rattail Fescue	Wedgegrass
Carpenterweed	Juncos	Russian Thistle	Witchgrass
Common Chickweed	Lambquarters	Shepherdspurse	

SIM-TROL 4L is non-corrosive to equipment, non-flammable, and has low electrical conductivity.

SIM-TROL 4L is a flowable formulation to be mixed with water and applied as a spray. Add SIM-TROL 4L to the spray tank during or after mixing. Sufficient hydraulic (jet) or mechanical agitation should be provided during mixing and application to keep the material in suspension.

EQUIPMENT:

Ground Application: Use conventional spray equipment with 80° fan-type nozzles. Screens in nozzles as well as those in suction and inline strainers, should be no finer than 30 mesh.

Use hydraulic or mechanical agitation during mixing and application to maintain a uniform suspension.

Use a pump with capacity to maintain 35-40 psi at the nozzle. If hydraulic agitation is used, the pump should also provide sufficient agitation in the tank to keep the mixture in suspension.

Wash sprayer thoroughly with clean water immediately after use.

Aerial Application: Use aerial application only where specified in the use directions. Screens in nozzles as well as those in suction and inline strainers should be no finer than 50-mesh.

Avoid application directly to animals or humans. Although it is unnecessary for flagmen or loaders to wear protective clothing or equipment, care should be taken to avoid inhalation of dust or spray mist, or contact with skin. Flagmen and loaders should wash thoroughly before eating and at the end of each day's operation.

Wash sprayer thoroughly with clean water immediately after use.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Do not enter treated areas without protective clothing until sprays have dried.

Because certain states may require more restrictive use instructions for various crops treated with this product, consult your State Department of Agriculture for further information.

Do not apply when weather conditions favor drift from treated areas.

Apply the product only as specified on this label.

Add SIM-TROL 4L directly to the spray tank partially filled with clean water. Add any other ingredients and then add remainder of water and provide for start agitation during mixing to keep mixture in suspension. Agitation should not be so violent as to cause air bubbles to form in mixture.

For ground application where the amount of water is not specified, apply SIM-TROL 4L in 20-40 gals. of water per acre.

For aerial application, use a minimum of one gal. of water for each 1 Qt. of SIM-TROL 4L per acre, unless specified differently.

FRUIT AND NUT CROPS

Apply the spray to the orchard or vineyard floor avoiding contact with fruit, foliage or stems. Make application only to orchards or groves where trees have been established one year or more. Make only one application per year, except as noted otherwise. Recommended rates are based on broadcast treatment. For band applications or spot applications around trees in fruit or nut plantings, reduce the broadcast rate of SIM-TROL 4L and use in proportion to the area actually sprayed.

APPLES, PEARS, SOUR CHERRIES: Apply 2.4 Ots. per acre.

AVOCADOS: California only. Apply 2.4 Ots. per acre after final preparation of grove. **PRECAUTION:** Do not apply to sandy soil.

BERRIES AND CANEBERRIES: (blackberries, boysenberries, loganberries, raspberries). Apply 2.4 Ots. per acre in the spring or apply a split application of 2 Ots. per acre in the spring plus 2 Ots. per acre in the fall on a maximum of 40 gals. of water per acre. Do not apply to sandy soil. Do not apply to areas where weeds have been treated with the above rate.

CRANBERRIES: Massachusetts only. Apply 4 Ots. per acre in the fall or split the application applying 2 Ots. per acre in the fall and 2 Ots. per acre in the spring when quackgrass is actively growing. Do not apply when fruit is present.

CRANBERRIES: Massachusetts only. Apply up to 4 Ots. per acre either before spring growth begins or in the fall after harvest. Other areas: Apply 2 Ots. per acre before spring growth begins.

FILBERTS: (Oregon and Washington only) Apply 2.4 Ots. per acre in the fall or apply a split application of 2 Ots. per acre in the fall plus 2 Ots. per acre in the spring.

PRECAUTION: If filberts are planted on a hillside, excessive soil erosion may result from the elimination of weeds. Do not use on sandy soil.

NOTE: Do not apply when nuts are on the ground during the harvest period.

GRAPES: Apply 2.4 Ots. per acre any time between harvest and early spring.

PRECAUTION: Do not use in vineyards established less than three years.

GRAPEFRUIT, LEMONS, ORANGES: Arizona, California and Oregon only. Apply a split application of 1.8 Ots. per acre in the spring plus 1.8 Ots. per acre in the fall. California: Apply 2.4 Ots. per acre. Do not use in the Imperial, Coachella, or Palo Verde Valleys. Florida (Grapefruit and Oranges only): Apply 8.4 Ots. per acre in the spring.

GRAPEFRUIT AND ORANGES: Apply 4.8 Ots. per acre. Do not apply to treated grapefruit lemons or oranges. Do not apply to areas where weeds have been treated with the above rate. Do not apply to trees under stress from heavy damage for one year after treatment.

ALMONDS: Apply 2.4 Ots. in 50 gals. of water per acre before harvest and just prior to weed control application as necessary. Do not apply when nuts are on the ground during the harvest period.

OLIVES: Apply 2.4 Ots. per acre following grove preparation in the fall. Repeat annually in winter.

Use the above use instructions on coarse textured soil and organic matter. Do not apply to fine textured soil and organic matter soil.

PRECAUTIONS: 1) Make only one application per year. 2) Make applications only to orchards or groves where trees have been established one year or more. 3) Do not spray under windy conditions and use a shield for young trees.

Note: Do not allow animals to graze treated areas.

SIM-TROL 4L plus Evik 80W for Grapefruit and Oranges

Use in grapefruit and oranges in FL and TX for control of weeds listed in the following table for a minimum of 40 gallons of water per acre. (The quantity covering existing vegetation, but avoiding contact with fruit, foliage or stems, should be used.) Apply when weeds have resumed active growth in the spring, but before they are established in the soil. (See list of weeds for control of weeds.) Apply only once per year. Do not apply to trees under stress from heavy damage for one year after harvest. Do not apply with 30 days before harvest. Do not graze treated areas. Observe all precautions and limitations on the labeling of SIM-TROL 4L and EVIK 80W. When using, add EVIK 80W slurry to water in spray tank, agitate thoroughly, then add SIM-TROL 4L and agitate thoroughly again.

FLORIDA (Ridge Area): Apply 4 qts. of SIM-TROL 4L plus 5 lbs. of EVIK 80W per acre in 20-40 gallons of water per acre when applied either pre-emergence or on weeds up to 24 inches tall.

FLORIDA (Bedded Areas): Apply 3.2 qts. SIM-TROL 4L plus 6 lbs. of EVIK 80W per acre in 20-40 gallons of water per acre when applied either pre-emergence or on weeds up to 12 inches tall.

TEXAS: Apply 3.2 qts. of SIM-TROL 4L plus 2 lbs. of EVIK 80W per acre in 20-40 gallons of water per acre. Use as X-77 per 100 gals. of spray mixture with surfactant to spray from 10 to 12 inches tall. Do not apply to trees under stress from heavy damage for one year after harvest. Do not apply with 30 days before harvest. Do not graze treated areas. Observe all precautions and limitations on the labeling of SIM-TROL 4L and EVIK 80W. When using, add EVIK 80W slurry to water in spray tank, agitate thoroughly, then add SIM-TROL 4L and agitate thoroughly again.

SIM-TROL 4L plus Bromacil 80W for Grapefruit and Oranges (Florida Only)

Use in grapefruit and oranges in Florida for control of weeds listed in the following table for a minimum of 40 gallons of water per acre. (The quantity covering existing vegetation, but avoiding contact with fruit, foliage or stems, should be used.) Apply when weeds have resumed active growth in the spring, but before they are established in the soil. (See list of weeds for control of weeds.) Apply only once per year. Do not apply to trees under stress from heavy damage for one year after harvest. Do not apply with 30 days before harvest. Do not graze treated areas. Observe all precautions and limitations on the labeling of SIM-TROL 4L and Bromacil 80W. When using, add Bromacil 80W slurry to water in spray tank, agitate thoroughly, then add SIM-TROL 4L and agitate thoroughly again. Avoid contact of foliage and fruit with spray or mist. Apply to areas where weeds are actively growing. Do not apply to trees under stress from heavy damage for one year after harvest. Do not graze treated areas. Observe all precautions and limitations on the labeling of SIM-TROL 4L and Bromacil 80W. When using, add Bromacil 80W slurry to water in spray tank, agitate thoroughly, then add SIM-TROL 4L and agitate thoroughly again.

PRECAUTIONS: To avoid possible injury, do not apply in nurseries or around trees that have established a permanent stress for two years or where trees or under stress from freeze damage for one year after harvest. Do not use on soil with less than 1% organic matter or on poorly drained soil. Do not treat trees planted in a garden or lawn. Do not treat diseased trees such as those with foot rot. Do not use in groves in treatment with other trees or desirable plants, including grapefruit or orange plantings, or in areas where roots of citrus trees or other plants may be injured. Treated areas may be planted to citrus trees one year after application. Do not apply to other citrus trees in the same grove after application.

SIM-TROL 4L plus Paraquat

This tank mix is effective in the following fruit and nut crops for all of existing vegetation and for residual control of the annual broadleaf and grass weeds listed on SIM-TROL 4L applied alone. This combination is also effective for top kill and suppression of perennial weeds.

Use the tank mix on these crops:

Almonds (CA only)	Macadamia Nuts
Apples	Olives
Avocado (CA & FL only)	Oranges?
Cherries (sour & sweet)	Peaches?
Filberts	Pears
Grapefruit (CA, FL & TX only)	Pistachios
Grapes	Plums?
Lemons (AZ & CA only)	Walnuts

Apply the SIM-TROL 4L rate given under the appropriate crop on this label plus 1.2 qts. Paraquat in 50-200 gallons (30-50 gallons for pecans) of water per acre to the orchard floor avoiding contact with fruit, foliage or stems. Add a nonionic surfactant, such as X-77, at 0.5 qt. per 100 gals. of spray. Apply when weeds are succulent and new growth is 1-6 inches tall. For minor windy weeds or difficult to control perennial weeds, treat or spot treat with paraquat if regrowth occurs. After the tank mix only once per year. Do not spray under windy conditions. Use a shield for young trees or vines.

Add SIM-TROL 4L to the spray tank first (refer to Mixing Procedures section of this label), then add paraquat, and add surfactant last. Provide constant agitation during mixing and application to keep mixture in suspension.

Refer to the SIM-TROL 4L and paraquat labels for further directions, specific weed control, and precautionary and limitations on each crop.

1. In avocados in Florida, this tank mix also controls blackberry, cane, and grass and at the higher rate of each herbicide, it suppresses cork rot.
2. In grapefruit and oranges in Florida, apply 3.2 qts. SIM-TROL 4L per acre in bedded areas and 6.4-9.6 qts. SIM-TROL 4L per acre in ridged areas.
3. Limited to CA, AR, LA, MO, OK, TX and States east of the Miss. River. As appropriate refer to SIM-TROL 4L sections "Almonds and Peaches" or "Pistachios and Plums" for specific directions and rate of SIM-TROL 4L and other information.
4. Limited to MD and states east of the Miss. River only.

*Based on a product containing 2 lbs. paraquat per gallon.

SIM-TROL 4L plus Surtlan

Use the tank mix in the following crop for pre-emergence control of all weeds listed on both labels.

Almonds	Cantaloupe	Grapefruit	Peaches	Plums
Apples	Cherries	Lemons	Pears	English Walnuts
Avocado	Grapes	Oranges	Pistachios	

Apply the SIM-TROL 4L rate given under the appropriate crop on this label plus 2.67-5.3 lbs. of Surtlan 75W or 2.4 qts. of Surtlan A S in 20-40 gals. of water per acre. Refer to the Surtlan 75W or Surtlan A S label for complete tank mix directions, and use 0.8 qt. of SIM-TROL 4L to each pint of Surtlan 75W. Observe all precautions and limitations on the SIM-TROL 4L and Surtlan.

SIM-TROL 4L plus Paraquat CL Tank-Mix Combination for Weed Control in Almonds

SIM-TROL 4L plus PARACQUAT CL tank mix combination is effective on almonds for all of existing vegetation and for residual control of the annual broadleaf and grass weeds listed under general information.

This combination is also effective for top kill and suppression of perennial weeds.

SIMAZINE

FLOWABLE HERBICIDE

ACTIVE INGREDIENT:	Simazine (2-Chloro-4, 6-bis (ethylamino)-s-triazine)	42.8%
INERT INGREDIENTS:		57.2%
TOTAL:		100.0%

CAUTION

KEEP OUT OF REACH OF CHILDREN

STATEMENT OF PRACTICAL TREATMENT

If swallowed, drink 1 or 2 glasses of water. Induce vomiting, by placing finger in back of throat. Call a Physician. Never give anything by mouth to an unconscious person.

If inhaled, remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. Get medical attention.

If on skin, remove by washing.

If in eyes, flush with plenty of water. Get medical attention if irritation persists.

See Side Panel For Additional Precautionary Statements



GRIFFIN CORPORATION
VALDOSTA, GEORGIA 31601
NET CONTENTS 2 1/2 gallons

E.P.A. Reg. No. 1812-250
E.P.A. Est. No. 1812-GA-3

Apply the rate shown in the following table as a tank mix in 50-200 gallons of water per acre to the orchard floor avoiding contact with nut, foliage or stems. Apply when the weeds and grasses are succulent and the new growth is from 1-6 inches tall.

Since SIM-TROL 4L enters weeds mainly through their roots, rainfall or irrigation is needed to move it into the root zone.

ALMONDS: For use in California only.

Crop	Broadcast SIM-TROL 4L	Rates Per Acre Paraquat CL
Almonds***	1.2 Ots.	1.2 Ots.

***Do not apply to almonds when nuts are on the ground during the harvest period. Do not treat trees established in the grove less than 3 years. Do not treat Mission variety almonds. Do not apply to almond trees propagated on plum rootstocks. Do not treat almonds in treated soil. Do not apply on gravel, sand or loamy soil or on soil with less than 1% organic matter. Do not treat areas where water will accumulate.

PECANS: Apply the rate in the following table before weeds emerge in the spring.

Soil Texture	Rate Per Acre
Sandy, loamy sand	Do Not Use
Loam or clay soil	2-3 Ots.
low in organic matter	
Clay soil high in organic matter	3 Ots. 1 qt.

PRECAUTIONS: Do not use west of the Pecos River in Texas or in New Mexico, Arizona or California. Do not make applications to transplanted trees that have been established less than two years in the grove as injury may occur.

NOTE: Do not apply when nuts are on the ground. Do not allow animals to graze treated areas.

FIELD AND FORAGE CROPS

ALFALFA: Pure alfalfa at least one year old, and alfalfa orchardgrass mixtures at least one year old.

For ground application, apply the product on a minimum of 15 gals. of water per acre. Fluid fertilizer may replace all or part of the water used as a carrier, except fluid fertilizers should not be used when alfalfa is actively growing, as injury may occur.

For aerial application apply this product in a minimum of 2 1/2 gals. of water per acre.

PURE ALFALFA: At Least One Year Old (AR areas listed). Apply once a year in the fall after last cutting and prior to permanently frozen ground conditions. Alfalfa may be actively growing, semi-dormant when the application is made.

Alfalfa must be growing for at least one year before treatment.

#00302

... 21 Leveling and forming operations after application will

... ground

4 CL Tank Mix Combination For Weed Control, Peaches and Pears

... of the annual broadcast and grass weeds listed under General

... and suppression of perennial weeds

... as a tank mix of 50-200 gallons of water per acre to the orchard

... Apply when the weeds and grasses are susceptible and the

... of this tank mix and/or application is needed to control it with the

... on per acre. 2) Make applications only when the weeds are

... for Grapefruit and Oranges

... broadcast

... Rate Per Acre

... Broadcast

... Rate Per Acre

... Broadcast

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... Broadcast

RESTRICTED USE PESTICIDE
For retail sale to and application only by cer-
tified applicators persons under their direct
supervision

ACCEPTED
JAN 31 1985

Sim-Trol 4L

SIMAZINE FLOWABLE HERBICIDE

ACTIVE INGREDIENT:
Simazine (2-Chloro 4, 6 bis (ethylamino) s triazine) 12.8%
INERT INGREDIENTS 57.2%
TOTAL 100.0%

CAUTION

KEEP OUT OF REACH OF CHILDREN

STATEMENT OF PRACTICAL TREATMENT

If swallowed, drink 1 or 2 glasses of water. Induce vomiting by
placing finger in back of throat. Call a Physician. Never give
anything by mouth to an unconscious person.

If inhaled, remove victim to fresh air. If not breathing, give artificial
respiration, preferably mouth to mouth. Get medical attention.

If on skin, remove by washing.

If in eyes, flush with plenty of water. Get medical attention if irrita-
tion persists.

See Panel For Additional Precautionary Statements



GRIFFIN CORPORATION
VALDOSTA, GEORGIA 31601
NET CONTENTS 2 1/2 gallons

E.P.A. Reg No 1812-250
E.P.A. Est No 1812 GA 1

Apply the rate shown in the following table as a tank mix in 50-200 gallons of water per acre to the orchard
floor avoiding contact with nut foliage or stems. Apply when the weeds and grasses are susceptible and the
new growth is from 1.6 inches tall.

Since SIM-TROL 4L enters weeds mainly through their roots, rainfall or irrigation is needed to move it into
the root zone.

ALMONDS For use in California only

Crop	Broadcast SIM-TROL 4L	Rates Per Acre Paraquat CL
Almonds***	1.2 Ots	1.2 Ots

*** Do not apply to almonds when nuts are on the ground during the harvest period. Do not treat trees as shown in the table
less than 3 years. Do not treat Mexican variety almonds. Do not apply to almond trees propagated on palm rootstocks. Do
not repeat almonds in treated soil. Do not apply on gravelly, sandy or loamy soils or soil with less than 1% organic matter.
Do not treat areas where water will accumulate.

PEACHS Apply the rate in the following table before weeds emerge in the spring

Soil Texture	Rate Per Acre
Sandy, loamy sand	Do Not Use
Loam or Clay soil	2-3 Ots
Low in organic matter	
Clay soil high in organic matter	1 Ots - 1.5 Ots

PRECAUTIONS: Do not use west of the Pecos River in Texas or in New Mexico, Arizona or California. Do
not make applications to transplanted trees that have been established less than two years in the grove as in-
jury may occur.

Alfalfa Regions	Weed Controlled	Soil Texture	Rates Per Acre
WA, OR, NV, UT, ID, MT, WY, CO, and the California counties of Del Norte, Siskiyou, Madras, Shasta, Lassen, Plumas, Sierra and Nevada	Downy brome (cheatgrass), tanymustard, prickly lettuce, sheepweed, standing, sheep- spreading-vine, yellow flower sheepweed	Sand and loamy sand Sandy loam Loam soil Clay soil	DO NOT USE 1.6 pt 1.6-2.3 pt 2.3-3.1 pt
ND, SD, MN, WI, ME, KS, IA, RI and NY	Russet, wild mustard, com- mon chickweed, knawel Viburnum opulus sibiricum, downy brome (cheatgrass), wild oat, sheepweed, tan- ygrass, pepperweed, sand weed, and clumps of yellow nettle, sheepsheadweed, white cockle, lameweed (Lamium), dandelion, Russian thistle, Kochia	Sand and loamy sand Sandy loam Loam soil Clay soil	DO NOT USE 1.6 pt 2.3 pt 3.1 pt
IL, IN, OH, KY, VA, PA, NJ, DE, MD, WV, VT, MA, CT, ME, NH, RI and MO	Agrostid, common chick- weed, muscivora, chickweed, sheepweed, knawel (German moss), pepperweed, downy brome, silybum com- mune, and seedlings of shep- sheepsheadweed, lameweed (Lam- ium), and other nettle (Lamium- terrace), Russian thistle, dandelion, Kochia	Sand and loamy sand Sandy loam Loam soil Clay soil	DO NOT USE 1.6 pt 1.9 pt 2.3 pt

PURE ALFALFA Less Than One Year Old (Northeastern U.S. Only). Pure alfalfa which has been seeded
in the spring before June 1 and has become well established may be treated in the fall after the last cutting
but before permanently frozen ground conditions. ALFALFA may be actively growing, semi dormant or dor-
mant when this product is applied. Apply 1.6 pints per acre to control henbit, wild mustard, common lambs
quarters, common chickweed, German moss, silybum, downy brome (cheatgrass), wild oats, tan-
ygrass, pigweed, speedwell, and pepperweed.

ESTABLISHED ALFALFA - Orchardgrass Mixtures (Northeastern U.S. Only). Apply only to alfalfa
orchardgrass mixtures which have been established at least one year. Make a single application in the fall
after the alfalfa orchardgrass has gone dormant. Applications should be uniformly broadcast at the rate of
1.6 pints per acre to control henbit, wild mustard, common lambsquarters, common chickweed, German
moss, silybum, downy brome (cheatgrass), wild oats, tanymustard, pigweed, speedwell, and pepperweed.

PRECAUTIONS (For Each Use) 1) Do not use on gravelly, sand or loamy sand soil, or on soil low in organic
matter, as crop injury may occur. 2) Applications made to alfalfa growing on highly calcareous or highly
alkaline soil may result in crop injury. 3) Use only in areas where frost occurs and alfalfa goes into a semi dor-
mant or dormant state. 4) Do not apply on areas where frost occurs and alfalfa goes into a semi dor-
mant or dormant state. 5) This product will not control dodder and well established
perennial or biennial weeds such as dandelion, white cockle, quackgrass, canquifol, wild carrot, and dock.
6) Temporary crop chlorosis may appear on areas where overlapping occurs. The acreage should be shut off
when turning around at the end or corner of the field. 7) Do not rotate to any crop except corn for the
growing season following application as injury may occur.

NOTE: Allow 30 days between application and grazing of dairy and beef cattle and sheep, and allow 60 days
between application and cutting for hay.

FORAGE BERMUDAGRASS (Such as Coastal and Midland). For pre-emergence control of most an-
nual broadleaf and grassy weeds including barnyardgrass, crabgrass, Brachiaria spp., goosegrass, foxtail,
carolinianweed, carpetweed, annual morningglory, pigweed, purslane, Russian thistle, common chickweed,
henbit, and burr-clover, apply this product shortly after springing. Apply it to established Bermudagrass from
fall to spring depending on the weed problem but before weed emergence. Use the appropriate rate in the
following table in a minimum of 15 gals. of water per acre for ground application and a minimum of 1 gal.
of water for each 1.6-2.3 pints of this product per acre for aerial application.

Soil Texture	Rate per acre
Fine sandy soil low in organic matter	1.6 pints
Sandy Loam soil	2.3-3.9 pints
Loam and Clay soil low in organic matter	3.9-4.6 pints
Clay Soil	4.6 pints

PRECAUTION: 1) Do not use on bermudagrass in NM and the High Plains of TX. 2) Do not apply within 7
days after cutting.

NOTE: Do not graze dairy or beef cattle or sheep for 30 days after 1.6-4.6 pints per application. For 60 days
after 6 pints per acre application. Do not cut hay for 60 days after 1.6-4.6 pints per acre application or for 90
days after 6 pints per acre application.

CORN Nitrogen solutions or complete liquid fertilizers may replace all or part of the water as a carrier for
SIM-TROL 4L. Do not apply after corn has emerged as there is danger of liquid fertilizers causing crop injury.
Pre-emergence. Apply before weeds and corn emerge. Use the appropriate rate in the table below. Pre-
plant. Apply in the spring after planting at the appropriate rate in the table below. Apply before, during or
after final seedbed preparation. If soil is viced or worked after application, avoid direct incorporation of SIM-
TROL 4L. Best results will be obtained when SIM-TROL 4L is applied within 2 weeks before planting.

NOTE: Under dry weather conditions, preplant applications may give better weed control.

Soil Texture	Broadcast rate per acre
Coarse textured soil Sandy, silt, and loam that is low in organic matter	2 Ots
Medium textured soil Soil containing a moderate amount of clay and organic matter	2.4 Ots
Fine textured soil Loam that is high in organic matter and clay (including dirt-poor soils of Corn Belt)	3 Ots
Organic soil Peat muck and high organic clay	4 Ots

To control quackgrass, Apply 3.4 Ots per acre in the fall. Plow two to three weeks later, or if erosion is a prob-
lem, delay plowing until spring. Do not plant any crop except corn in the spring following treatment. Do not
graze treated area.

NOTE: If weeds develop in the fall under relatively dry conditions, a shallow cultivation will generally result
in better weed control.

PRECAUTIONS: 1) Do not apply more than 4 Ots of SIM-TROL 4L to corn in any one year. 2) Land treated
with SIM-TROL 4L should not be planted to any crop, except corn until the following year as injury may oc-
cur. 3) After harvest of a treated crop, plow and thoroughly till the soil in fall or spring to minimize possible
carry to spring seeded rotational crops, regardless of the rate used. 4) If more than 3 Ots of SIM-TROL 4L is
used per acre for equivalent rate in a band, a crop of untreated corn should precede the next rotational crop.
5) Do not apply SIM-TROL 4L preplant incorporated in corn in the High Plains and mountain areas of the
West (including central and western Kansas, western Nebraska, western Oklahoma, and the Panhandle of
Texas) where rainfall is sparse and erratic or where irrigation is required. 6) In the High Plains and intermountain
rain areas of the West where rainfall is sparse and erratic or where irrigation is required, use SIM-TROL 4L to
control weeds in corn only when corn is to follow corn, or a crop of untreated corn is to precede another
rotational crop. 7) In western Minnesota and eastern parts of the Dakotas, Nebraska, and Kansas, do not
plant soybeans following corn treated with SIM-TROL 4L if more than 2 lbs. of SIM-TROL 4L per acre for
equivalent rate in a band was applied as injury may occur. 8) Do not plant sugar beets, tobacco, vegetables
(including dry beans), spring seeded small grains, or small seeded legumes and grasses the year after SIM-
TROL 4L application as injury may occur.

SIM-TROL 4L Plus ATRAZINE 4L Tank Mix Combination for Weed Control in Corn

The tank mix combination of SIM-TROL 4L plus ATRAZINE 4L may be applied either before, during or after
planting corn but before weeds emerge to control early germinating annual weeds and late competing
grasses. One application will control most annual broadleaf and grass weeds including fall panicum,
crabgrass, barnyardgrass, red velvetleaf, carpetweed, morningglory, lambsquarters, pigweed, and
pigweed.

Precaution: Apply the tank mixture as a broadcast treatment in the spring after plowing either
before or after corn planting. If soil is tilled or worked after corn planting, avoid direct contact with corn.

Tank Mix

ERADICANE: Use in a preplant incorporated tank mix
with SIM-TROL 4L and Eradicane labels (including partial con-
tainers) before use. Use a minimum of 20 gals. of spray
volume directed. Use the higher rate of SIM-TROL
4L for areas expected to have the highest rate of Eradicane.
For partial control (suppression) of Eradicane, use
2.0 pts. of SIM-TROL 4L plus 7.33 pts. of Eradicane. 6.7
other weeds claimed on both labels, broadcast and
of Eradicane 6.7E for E-33 8 pts. of Eradicane Extra,
SIM-TROL 4L, and Eradicane labels.

PARAQUAT: Use in a tank mixture where corn and
preplant incorporated tank mix. This combination controls a
annual broadleaf and grass weeds listed under Para-
quat mix thoroughly with water and then add paraquat. Give
mix thoroughly with water and then add paraquat. Give
mix thoroughly and application to help the mixture in a
Paraquat in 20.00 gallons of water per acre at a 2.0
corn acreage. Add a nonionic surfactant at the rate
formation. See general information, caution and warn-
ing on the paraquat label.

*Based on a product containing 2 lbs. paraquat conc.

SUTAN: Use in a preplant incorporated tank mix.
TROL 4L and Sutan labels including partial control
containers may replace all or part of the water in the spray. Check
before use. Use a minimum of 20 gals. of spray volume
directed. Use the higher rate of SIM-TROL 4L on for-
age areas expected. For partial control (suppression) of Sutan
planting 2.0 pts. of SIM-TROL 4L plus 7.33 pts. of Sutan
on both labels, broadcast and incorporate 2.6 pts. of
Sutan on both labels and limitations on the SIM-TROL 4L.

SUGARCANE: Apply 2.4 Ots per acre at planting or
weeds or sugarcane emerge. SIM-TROL 4L may also
provide continuing control of persisting weeds.

PRECAUTIONS: 1) Do not apply more than one 2.4
Ots per acre crop cycle. 2) Do not apply after
Ots per acre crop cycle.

NOTE: Do not feed or graze treated forage to livestock.

GRASSES GROWN FOR SEED (Pacific Northwest
Grasses, orchardgrass, tall fescue and fine leaved fescue
species). For the control of broadleaf weeds and an-
nual grasses, and downy brome (cheat), apply 2.0
Ots per acre as soon as fall rains start. Early application is
best.

PRECAUTION: Apply only to grasses from which at least
30 days between last application and cutting of hay.

NURSERIES, CHRISTMAS TREE
NURSERIES (See list below). Apply 2.3 Ots in at least
year after transplanting.

CHRISTMAS TREE PLANTING AND SHELTER BELT
application. Apply 2.4 Ots in at least 25 gals. of water per
plant maintenance applications.

For quackgrass control apply 4 Ots per acre in the fall or
plus 2 Ots per acre in early spring after quackgrass be-
comes dormant. In California, Oregon, and Washington do not apply to
after transplanting.

PRECAUTIONS: 1) Do not use SIM-TROL 4L on seedbed
or shelter belt transplants less than three years of age
directed for quackgrass control.

Apply SIM-TROL 4L to these species of trees and shrubs:

American elm	boxelder	honey locust
Australian pine	brush honeysuckle	juniper
bayberry	caragana	Mugo pine
bellflower	cottonwood	Norway spruce
barberry	dogwood	Oregon grape
blue spruce	Douglas fir	(Mahonia red cedar)

TREE PLANTATIONS FOR TIMBER: Apply in the 1st
year growth. Apply before or after seedling transplanting,
make over the top of tree seedlings before new growth to
avoid tree foliage contact. Do not use on seed nurseries.

The following rates are based on broadcast treatment in
application, reduce the broadcast rate in proportion to the
amount of water used.

BLACK WALNUTS: Apply 3.9-7.8 pints per acre.

SLASH PINE AND WHITE PINE: Use for establishment
LOBLOLLY PINE. Use for establishment in the South O
acre or a tank mix of this product plus 2 lbs. Atrazine
Flowable Herbicide or 8.1 gals. Griffon T4M, Atrazine F
vices broad spectrum annual weed control and better weed
control.

TURF GRASSES:
St. Augustine, Centipede and Zoysia Grass. Apply
directed below.

Muck or Peat	4 Ots	Old beds will New beds 7
Sandy soil	2 Ots	beds will New beds 7

Apply an additional 2 Ots on muck or peat or 1 Ots on
sandy soil.

PRECAUTIONS: 1) Do not apply within 10 days before
Carolina.

VEGETABLE

ASPARAGUS (Established). Apply 2.4 Ots per acre in
year either after making in the spring before weeds em-
erge or before planting in the spring before weeds em-
erge. Spring application must be made at least
6 weeks before planting.

PRECAUTIONS (Washington and Oregon only): 1) Do not
fields as crop injury may result. 2) Do not allow irrigation
may occur.

ARTICHOKE: Apply 2.4 Ots per acre as directed above.
PRECAUTIONS: 1) Do not apply to sandy soil. 2) Apply
directed below.

NONSELECTIVE WEED CONTROL

Do not use this product for nonselective weed control on
shrub or plants in greenhouses as injury may occur.

Best results are obtained when SIM-TROL 4L is applied
and removal is not feasible, include a contact or transloc-
ing herbicide. SIM-TROL 4L can be used to provide long term weed
shoulders railroad rights of way, lumber yards, petroleum
as ground birdways, equipment and fuel storage areas. A
tanks may be made where it is feasible.

RESTRICTED USE
FOR RETAIL SALE TO AND APPLICATION ONLY BY CERTIFIED APPLICATORS OR PERSONS UNDER THEIR DIRECT SUPERVISION.

SIMAZINE 80W HERBICIDE

ACTIVE INGREDIENT:
SIMAZINE (2-Chloro-4, 6 bis (ethylamino)-s-triazine).....80%
INERT INGREDIENTS:.....20%
TOTAL 100%

JAN 29 1985
2749-163

KEEP OUT OF REACH OF CHILDREN CAUTION

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not give anything by mouth to an unconscious person. Get medical attention.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.

IF IN EYES: Flush with water for 15 minutes. Get medical attention.

SEE BELOW FOR ADDITIONAL PRECAUTIONARY STATEMENTS

NET WEIGHT 50 LBS.

EPA REG NO. 2749-163-AA

EPA EST. NO. 34704-MS-1

10226

08-84

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Wash thoroughly after handling. Avoid contact with skin, eyes or clothing. Avoid breathing spray mist.

ENVIRONMENTAL HAZARDS

Simazine is known to leach through soil and has been found in ground water as a result of agricultural use. Users are advised not to apply in areas where soils are permeable, i.e. well drained and which overlie shallow aquifers particularly those currently being used for drinking water. Consult with the pesticide state lead agency for information regarding soil permeability and aquifer locations in your area. Do not apply directly to water or wetlands. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not apply when weather conditions favor drift to areas treated.

DIRECTIONS FOR USE

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

RE-ENTRY STATEMENT

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

Do not enter treated area without protective clothing until dusts have settled or spray have dried.

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. Oral warnings must be given if there is a reason to believe that written warnings cannot be understood by workers. When oral warnings are given, warnings shall be given in a language customarily understood by workers.

Written or oral warnings must include the following information:

CAUTION

(insert area or field description) treated with SIMAZINE 80W Herbicide on (insert date of application)

Do not enter treated area until sprays have dried.

Because certain states may require more restrictive re-entry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

BAND TREATMENT

The amount of SIMAZINE 80W needed for band treatment may be calculated by the formula:

$$\frac{\text{band width in inches}}{\text{row width in inches}} \times \frac{\text{broadcast amount}}{\text{per acre}} = \text{needed per acre}$$

FRUIT AND NUT CROPS

Apply the spray in the orchard or vineyard after avoiding contact with fruit, foliage or stems. Make application only to orchards or groves where trees have been established one year or more. Make only one application per year, except as noted otherwise. Recommendations are based on broadcast treatment. For band applications or spot applications around trees in fruit or nut plantings, reduce the broadcast rate of SIMAZINE 80W and water per acre in proportion to the area actually sprayed.

APPLES, PEARS, SOUR CHERRIES

Apply 2 1/2-5 lbs. per acre.

AVOCADOS

California only. Apply 2 1/2-5 lbs. per acre after final preparation of grove. PRECAUTION: Do not apply to sandy soil.

BLUEBERRIES AND CANEBERRIES (blackberries, boysenberries, loganberries, raspberries)

Apply 2 1/2-5 lbs. per acre in the spring or apply a split application of 2 1/2 lbs. per acre in the spring plus 2 1/2 lbs. per acre in the fall. Apply in a minimum of 40 gals. of water per acre.

On plantings less than 6 months old use 1/2 the above rate.

To control quackgrass, apply 5 lbs. per acre in the fall or split the application applying 2 1/2 lbs. per acre in the fall plus 2 1/2 lbs. per acre in the spring, when quackgrass is actively growing.

NOTE: Do not apply when fruit is present.

FILBERTS (Oregon and Washington only)

Apply 2 1/2-5 lbs. per acre in the fall or apply a split application of 2 1/2 lbs. per acre in the fall plus 2 1/2 lbs. per acre in the spring.

PRECAUTIONS: 1) If trees are planted on a hillside, excessive soil erosion may result from the elimination of weeds. 2) Do not use on sandy soil.

NOTE: Do not apply when nuts are on the ground during the harvest period.

GRAPES

Apply 2 1/2-5 lbs. per acre any time between harvest and early spring.

PRECAUTION: Do not use in vineyards established less than three years.

tion in the fall after the alfalfa-orchardgrass seed mixture has gone to the rate of 1 lb. of SIMAZINE 80W per acre to control hardneck meadow, thymus, downy brome (cheatgrass), wild oats, Lohr, PRECAUTIONS (For Each Use) 1) Do not use on sand or on sandy and gravelly areas, in the fields of crop injury may highly calcareous or highly alkaline soil may result in crop or alfalfa goes into a semi-dormant or dormant state. 4) Do not use on established perennial or biennial weeds such as dandelion and dock. 5) Temporary crop chlorosis may appear on areas that off when turning around at the end or corners of the field planted to any rotational crops except corn for the growing season. NOTE: Allow 30 days between application and grazing of alfalfa between application and cutting for hay.

FORAGE BERMUDAGRASSES (Such as C-1)

For pre-emergence control of most annual broadleaf and grassy weeds, goosegrass, henbit, chickweed, carpetweed, annual chickweed, henbit and burdock, apply SIMAZINE 80W shortly after fall to spring depending on the weed problem, but before following table in a minimum of 15 gals. of water per acre or 1 lb. of water for each 1-1 1/2 lbs. of wettable powder per acre for

Soil Texture
Fine sandy soil low in organic matter
Sandy loam soil
Loam and clay soil low in organic matter
Clay soil

PRECAUTION: Do not apply within seven days after cutting.

NOTE: Do not graze dairy or beef cattle or sheep for 30 days after 4 lbs. per acre application. Do not cut hay for 60 days after 4 lbs. per acre application.

CORN

Nitrogen solutions or complete liquid fertilizers may replace all or part of the nitrogen fertilizer normally applied to corn. Do not apply after corn has emerged as there is danger of lodging.

Pre-emergence: Apply before weeds and corn emerge. Use the broadcast rate.

Pre-plant: Apply in the spring after plowing at the time of, during or after final seedbed preparation. If soil is seeded with SIMAZINE 80W. Best results will be obtained when SIMAZINE 80W is applied to the soil.

NOTE: Under dry weather conditions, preplant applications may be necessary.

Soil Texture

Soil Texture
Coarse-textured soil Sand, silt, and loess that is low in organic matter:
Medium-textured soil Soil containing a moderate amount of clay and organic matter:
Fine textured soil Loam that is high in organic matter and clay (including dark prairie soils of Corn Belt)
Organic soil Peat, muck, and high-organic clay

*For calculation of band treatment rate, see the General Information section.

To control quackgrass, apply 3 1/2-5 lbs. per acre in the fall. Pre-emergence, delay plowing until spring. Do not plant any crop except corn in treated area.

NOTE: Weeds develop, particularly under relatively dry conditions, in better seed control.

PRECAUTIONS: 1) Do not apply more than 5 lbs. of SIMAZINE 80W with SIMAZINE 80W should not be planted to any crop except corn.

2) After harvest of a treated crop, plow and thoroughly till the soil to spring seeded rotational crops, regardless of the rate used.

3) Do not apply SIMAZINE 80W to corn in the fall or in the spring (including control and rotation corn, western Nebraska, western Kansas, and Idaho) where irrigation is required.

4) Do not apply SIMAZINE 80W to corn in the fall or in the spring (including control and rotation corn, western Nebraska, western Kansas, and Idaho) where irrigation is required.

5) Do not apply SIMAZINE 80W to corn in the fall or in the spring (including control and rotation corn, western Nebraska, western Kansas, and Idaho) where irrigation is required.

6) Do not apply SIMAZINE 80W to corn in the fall or in the spring (including control and rotation corn, western Nebraska, western Kansas, and Idaho) where irrigation is required.

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