

PM23 35915-12

file 1 of 8



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

FEB 24 1994

LINDA C. WATSON
SOSTRAM CORP.
AGENT FOR: OXON ITALIA S.P.A.
70 MANSELL CT SUITE 230
ROSWELL, GA. 30076

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 9/15/93 Response to PR Notice 93-7
EPA Reg. No. 35915-12
SIM-TROL 9DF

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments reflected on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

WHAT THIS ACCEPTANCE MEANS:

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

WHAT YOU NEED TO DO NEXT:

By the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling
- AND
- WITHIN one year from date of this acceptance.



Recycled/Recyclable
Printed with Soy/Canola ink on paper that
contains at least 50% recycled paper

2078

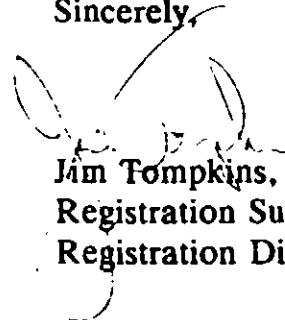
Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs (7505C)
U.S. Environmental Protection Agency
401 M Street, SW
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Sincerely,



Jim Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)

Attachment

30/8

oxon Italia

ACCEPTED
with COMMENTS
In EPA Letter Dated

FEB 24 1991
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
35915-12
TM

Sim-Trol 9DFTM

DRY FLOWABLE HERBICIDE

For Weed Control in certain crops, ornamental plantings,
or industrial sites and around-the-farm.

ACTIVE INGREDIENT:

Simazine (2-chloro-4,6-bis[ethylamino]-s-triazine)..... 90.0%

INERT INGREDIENTS:..... 10.0%

TOTAL 100.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION

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 Inside Panel For Additional Precautionary Statements

Net Contents

OXON ITALIA S.p.A.
Via Sempione, 195 - 20016 PERO
MILANO - ITALY

EPA Reg. No. 35915-12
EPA Est. No.

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PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS
CAUTION

4 of 8

Harmful if swallowed, inhaled or absorbed through the skin. Do not get in eyes or on skin. Do not breathe spray mist. 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.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear: Long-sleeved shirt and long pants, waterproof gloves and shoes plus socks.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENGINEERING CONTROLS STATEMENTS:

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

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Users should:

Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

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 (seep 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.

DIRECTIONS FOR USE

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry in treated areas during the restricted entry interval (REI) of 12 hours. Exception: if the product is soil injected or soil-incorporated, the Worker Protection Standard under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: Coveralls, waterproof gloves and shoes plus socks.

STORAGE AND DISPOSAL

STORAGE: Store in dry place. Do not contaminate water, food or feed by storage or disposal.
PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.
CONTAINER DISPOSAL: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

GENERAL INFORMATION

Apply this herbicide before weeds emerge or after 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 nonselective rates in noncrop areas, it also controls many perennial broadleaf and grass weeds.
 Where a range of application rates is given, use the low rate on coarser textured soil and soil higher in organic matter.
 Since this product enters weeds mainly through their roots, moisture is needed to move it into the root zone. Very dry soil conditions and lack of rainfall following application may necessitate shallow cultivation.
 This product is noncorrosive to equipment, nonflammable, and has low electrical conductivity.
 Do not apply this product through any type of irrigation system.
FAILURE TO FOLLOW PRECAUTIONS ON THIS LABEL MAY RESULT IN CROP INJURY, POOR WEED CONTROL, AND/OR ILLEGAL RESIDUES.

ANNUAL WEEDS CONTROLLED

- | | | | | | | | |
|---------------------|----------------------------|--------------------|----------------------|-----------------|------------------|------------------|---------------|
| allysum | carelessweed | lodleneck | goosegrass | pepperweed | redmaids | silver hairgrass | wild mustard |
| annual bluegrass | carpetweed | flaree | groundsel | pigweed | Russian thistle | smartweed | wild oats |
| annual morningglory | common chickweed | freweed | henbit | pineappleweed | shepherdspurse | spansrneedies | witchgrass |
| annual ryegrass | crabgrass (Digitaria spp.) | livehook bassia | juncelice | prickly lettuce | signagrass | speedwell | yellow flower |
| barnyardgrass | downy brome | Florida paintbrush | knawel (German moss) | common purslane | (Bracharia spp.) | lansymustard | pepperweed |
| (watergrass) | (cheatgrass) | Florida pusley | common lambsquarters | ragweed | | | |
| burdock | tall panicum | foxtails | nighthshade | rattail fescue | | | |

EQUIPMENT

GROUND APPLICATION: Use conventional ground sprayers equipped with nozzles that provide accurate and uniform application. Be certain that nozzles are uniformly spaced and the same size. Calibrate sprayer before use and recalibrate at the start of each season and when changing carriers.
 Use a pump with capacity to (1) maintain 35-40 psi at nozzles, (2) provide sufficient agitation in tank to keep mixture in suspension, and (3) to provide a minimum of 20% bypass at all times. Use centrifugal pumps which provide propeller shear action for dispersing and mixing this product. The pump should provide a minimum of 10 gals./minute/100 gals. tank size circulated through a correctly positioned sprayer tube or jets.
 Use screen to protect the pump and to prevent nozzles from clogging. Screens placed on suction side of pump should be 16 mesh or coarser. Do not place a screen in the recirculation line. Use 50 mesh or coarser screens between the pump and boom, and where required, at the nozzles. Check nozzle manufacturer's recommendations.
AERIAL APPLICATION: Use aerial application only where specified in the use directions. Screens in nozzles, as well as those in suction and in-line strainers, should be no finer than 50-mesh. Avoid application under conditions where uniform coverage cannot be obtained or where excessive spray drift may occur.
 Avoid application directly to animals or humans. Although it is unnecessary for flagmen or loaders to wear protective clothing or equipment, they should avoid inhalation of dust or spray mist, and prolonged contact with skin. Flagmen and loaders should wash thoroughly before eating and at the end of each day's operation.

MIXING INSTRUCTIONS

Unless otherwise specified, use a minimum of 20 gallons of spray mixture per acre for all applications with ground equipment. For aerial application, apply a minimum of 1 gallon of water for each 1-1.5 lbs. applied per acre.
WATER: (1) Be sure sprayer is clean and not contaminated with any material, as crop injury or sprayer clogging may result. (2) Fill tank 1/4 full with clean water, and start agitation. (3) Be certain that the agitation system is working properly and creates a rippling or rolling action on the liquid surface. (4) Pour product directly from bag into tank. (5) Continue filling tank until 90% full; increase agitation if necessary to maintain surface action. (6) Add tank mix herbicides. (7) Complete filling tank, maintaining sufficient agitation at all times to insure surface action. This applies to both spray and nurse tanks. (8) Immediately after use, clean sprayer thoroughly by flushing system with water containing a detergent.
LIQUID FERTILIZER: (1) Nitrogen solution or complete liquid fertilizer may replace all or part of the water as a carrier for application in alfalfa and corn. Before mixing, always check for compatibility. To do this, put proportionate quantities of this product and the liquid fertilizer being used into a quart jar. If 2.6 lbs. is being applied in 25 gallons of liquid fertilizer per acre, mix 1/4 oz. of this product in 1 pint of liquid fertilizer. After shaking vigorously for 30 seconds, let stand for 5 minutes. If the fertilizer-herbicide combination remains mixed or can be remixed readily, the mixture is compatible and can be sprayed. If it is not compatible, make a water slurry with the herbicide before adding fertilizer and use the mixture only if this test shows it is compatible. Always maintain agitation. (2) If the product is compatible with liquid fertilizer, follow the mixing procedures for water — steps 1-8. Perform the compatibility test as outlined in (1) above the herbicide tank mixtures also.
BAND TREATMENT
 The amount of this product needed for band treatment may be calculated by the formula:

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

ROTATIONAL CROPS AND PERENNIAL CROP REPLANTING

To avoid crop injury, observe the following precautions:
 1) If rotating treated land the following application: plant only corn, unless otherwise stated in this label. 2) If replanting perennial crops or if rotating land to crops other than corn, do not apply this product in the year preceding planting these crops.

FRUIT AND NUT CROPS

Apply the spray to the orchard or vineyard floor avoiding contact with fruit, foliage, or stems. Apply only to orchards or groves where trees have been established one year or more unless specified differently. Make only one application per year, except as noted otherwise. Recommended rates are based on broadcast treatment. For band applications or spot applications around fruit or nut trees, reduce the broadcast rate of this product and water per acre in proportion to the area actually sprayed.
ALMONDS AND PEACHES (CA Only): Apply 1.1-2.2 lbs. per treated acre in a 2-4 ft. band on each side of the tree row. Apply before weeds emerge in late fall or early winter. Weeds controlled by 1.1 lbs. include burdock, common chickweed, wild mustard, and shepherdspurse. Apply only once per year.

PRECAUTIONS: (1) Do not treat trees established in the grove less than 3 years. (2) Do not treat the Mission (Texas) variety of almonds. (3) Do not apply to almond trees propagated on plum rootstocks. (4) Do not replant almonds or peaches in treated soil for 12 months after treatment. (5) Do not apply on gravelly sand, or loamy sand soil or on soil with less than 1% organic matter. (6) Do not treat areas where water will accumulate.

APPLES, PEARS, SOUR CHERRIES: Apply 2.2-4.4 lbs. per acre.
AVOCADOS (CA and FL Only): Apply 2.2-4.4 lbs. per acre after final preparation of grove.

PRECAUTION: Do not apply on gravelly sand, or loamy sand soil.

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BLUEBERRIES AND CANE BERRIES (blackberries, boysenberries, loganberries, raspberries): Apply 2.2-4.4 lbs. per acre in the spring or apply a split application of 2.2 lbs. per acre in the spring plus 2.2 lbs. per acre in the fall. Apply in a minimum of 40 gallons of water per acre.

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

To control quackgrass apply 4.4 lbs. per acre in the fall or split the application applying 2.2 lbs. per acre in the fall plus 2.2 lbs. per acre in the spring when quackgrass is actively growing.

NOTE: Do not apply when fruit is present.

CRANBERRIES (MA): Apply up to 4.4 lbs. per acre either before spring growth begins or in the fall after harvest.

Other Areas: Apply 2.2 lbs. per acre before spring growth begins.

FILBERTS: Apply 2.2-4.4 lbs. per acre in the fall or apply a split application of 2.2 lbs. per acre in the fall plus 2.2 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 apply on gravelly, sand or loamy sand soil.

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

GRAPES: Apply 2.2-5.3 lbs. per acre any time between harvest and early spring.

PRECAUTION: Do not use in vineyards established less than three years. Do not apply on gravelly sand, or loamy sand soil.

GRAPEFRUIT, LEMONS, ORANGES — AZ (Lemons, Oranges Only): Apply a split application of 1.75 lbs. per acre in the spring plus 1.75 lbs. per acre in the fall.

CA: In grapefruit, apply 2.2-4.4 lbs. per acre. In lemons and oranges, apply 2.2-4.4 lbs. per acre in a single application, or apply 2.2 lbs. per acre in the fall and 2.2 lbs. per acre in the spring. Do not use in the Imperial, Coachella, or Palo Verde valleys.

FL (Grapefruit and Oranges Only): Apply 4.4 lbs. of SIM-TROL 9DF to weed-free soil during the Spring and/or Fall to control weeds expected to emerge during these periods. Apply prior to emergence of weeds or after emerged weeds have been controlled with a contact herbicide. Use caution to keep the treatment off the foliage, fruit, or trunk of citrus trees.

TX (Grapefruit and Oranges Only): Apply 4.4-5.3 lbs. per acre.

PRECAUTIONS: (All Areas): 1) Do not use in nurseries. 2) Do not apply to bedded grapefruit, lemons or oranges. 3) To avoid possible injury, do not apply to trees under stress from freeze damage for one year after the freeze.

MACADAMIA NUTS: Apply 2.2-4.4 lbs. in 50 gallons of water per acre before harvest and just prior to weed emergence. Repeat application as necessary. Do not apply when nuts are on the ground during the harvest period.

OLIVES: Apply 2.2-4.4 lbs. per acre following grove preparation in the fall. Repeat annually in midwinter.

PEACHES, PLUMS, SWEET CHERRIES: Apply 1.75-4.4 lbs. per acre. Apply in late fall to early spring prior to weed emergence.

PRECAUTIONS: 1) Do not apply on gravelly sand, or loamy sand soil. 2) Peaches use only in AR, LA, MO, OK, TX, and states east of the Miss. River. For CA, see specific directions in the section "Almonds and Peaches (CA only)". 3) Plums and sweet cherries use only in MO and states east of the Miss. River except TN.

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

SOIL TEXTURE	RATE PER ACRE
Sand, loamy sand	DO NOT USE
Sandy loam	2.2 lbs
Loam or clay soil low in organic matter	2.2-3.1 lbs
Clay soil high in organic matter	3.1-4.4 lbs

PRECAUTIONS: Do not use west of the Pecos River in TX or in NM, AZ, or CA, as injury will occur. 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.

STRAWBERRIES (OR and WA Only): For control of chickweed, groundsel, mustard, and shepherds-purse, apply broadcast 1.1 lbs. per acre. In fields where overhead irrigation is used to activate this product, apply after harvest at time of bed renovation. In fields where overhead irrigation is not available, apply during early October through November.

PRECAUTIONS: Make only one application per growing season. Do not apply within 4 months after transplanting. Limit overhead irrigation to 1/2 inch immediately following post-harvest application. Do not use on sand.

WALNUTS: Apply 2.2-4.4 lbs. per acre.

PRECAUTIONS: 1) Do not apply on gravelly sand, or loamy sand soil. 2) Leveling and furrowing operations after application will lessen effectiveness of weed control.

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

Tank Mixture with Bromacil 80W for Grapefruit and Oranges (Florida Only)
Use in grapefruit and oranges in FL for control of balsamapple, black nightshade, carpetweed, crabgrass, cudweed, dayweed, Florida pusley, horseweed, pepperweed, pigweed, poonje, ragweed, rattlebox, spanish needles, and sandbur, and for partial control of bermudagrass, barngrass, pangolagrass, paragrass, and torpedograss. Apply 4.4 lbs. of SIM-TROL 9DF plus 3.4 lbs. of Bromacil 80W per acre beneath trees in a minimum of 40 gals. of water per acre before or soon after weed growth begins. Use caution to keep the spray off the foliage, fruit, or trunk of citrus trees. Temporary yellowing of citrus leaves may occur following treatment.

Follow use and precautionary directions on the Bromacil label.

PRECAUTIONS: To avoid crop injury: (1) Do not use in nurseries, or where trees are under stress from freeze damage for one year after the freeze. (2) Do not use on soil with less than 1% organic matter or on poorly drained soil. (3) Do not treat trees planted in irrigation furrows. (4) Do not treat diseased trees such as those with foot rot. (5) Do not use in groves interplanted with other trees or desirable plants not in home grapefruit or orange plantings, or in areas where roots of other valuable plants or trees may extend. (6) Treated areas may be planted to citrus trees one year after application. (7) Do not rotate to other crops within two years after application.

NOTE: Apply only once per year and avoid contact with foliage and fruit with spray or mist, or illegal residues may result.

Tank Mixture with Gramoxone Super

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 claimed for this product applied alone. This combination is also effective for top kill and suppression of perennial weeds. In FL, this mixture may be applied in Spring or Fall to emerged weeds. Use this tank mix on these crops:

Almonds (CA only)	Macadamia nuts
Apples	Olives
Avocados (CA and FL only)	Oranges*
Cherries (sour and sweet*)	Peaches*
Filberts	Pears
Grapefruit (CA and TX only)	Pecans
Grapes	Plums*
Lemons (AZ and CA only)	Walnuts

Apply the rate given under the appropriate crop on this label plus 1.5-2.5 qts. Gramoxone Super* in 50-200 gals. (30-50 gals. 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 pt. 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, re-treat or spot treat with Gramoxone Super if regrowth occurs.

Apply this product to the spray tank first (refer to the Mixing procedures section of this label), then add Gramoxone Super, and add the surfactant last. Provide constant agitation during mixing and application to keep the mixture in suspension.

PRECAUTIONS: To avoid crop injury: (1) Apply the tank mix only once per year. (2) Use a shield for young trees or vines.

Refer to the labels of both products for further directions, specific weeds controlled, and precautions and limitations on each crop.

*In avocados in FL, this tank mix also controls balsamapple vine, rattail amaranth, and at the higher rate of each herbicide, it suppresses coral vine.

*In oranges in FL, apply 4.4 lbs. of this product per acre per application during Spring or Fall. Do not exceed 8.8 lbs. of SIM-TROL 9DF during any one growing season.

Limited to AR, CA, LA, MO, OK, TX, and states of the Mississippi River. As appropriate, refer to the sections Almonds and Peaches (CA only) or Peaches, Plums, Sweet Cherries for rate of this product and other information.

*Limited to MO and states east of the Mississippi River except TN.

*Based on a product containing 1.5 lbs. Gramoxone Super cation per gal.

Tank Mixture with Roundup*

The tank mixture is effective in grape vineyards and in the following bearing or nonbearing tree crops for control of existing vegetation and for residual control of the annual broadleaf and grass weeds claimed for this product applied alone. This combination is also effective for partial control of perennial weeds contacted by the spray mixture during application. Use this tank mixture on these crops:

Almonds** (CA only)	Grapefruit*	Peaches**
Apples*	(CA, FL and TX)	Pears*
Avocados*	Grapes*	Pecans**
(CA and FL only)	Lemons* (AZ and CA)	Plums**
Cherries	Macadamia Nuts**	Walnuts**
(sour and sweet*)	Oranges*	
Filberts**	(AZ, CA, FL and TX)	

Use the appropriate rate given elsewhere on this label for SIM-TROL 9DF applied alone to the crop being treated. Add to the spray tank 1-5 qts. of Roundup per acre depending on weeds present and their growth stage. Also add an agriculturally approved nonionic surfactant at 0.5% by volume of spray solution. Apply the mixture in 10-40 gals. of water per acre as a postemergence spray to the weeds at the appropriate weed growth stage given on the Roundup label.

Add SIM-TROL 9DF to the spray tank first, then add Roundup. Provide constant agitation during mixing and application to keep the mixture in suspension. Refer to the Application Procedures section of this label for further directions.

PRECAUTIONS: To avoid crop injury, take extreme care to avoid contact of herbicide solution, spray, drift, or mist with foliage or green bark of trunk, branches, suckers, fruit, or other parts of trees or vines. Observe precautions on both the SIM-TROL 9DF and Roundup labels for each crop involved.

Refer to the labels of both herbicides for further directions, specific weeds controlled, precautions and limitations on each crop.

* Allow a minimum of 14 days between last application and harvest of these crops.

** Allow a minimum of 21 days between last application and harvest of these crops.

* Limited to AR, CA, LA, MO, OK, TX, and states east of the Mississippi River. For CA see specific directions in the Almonds and Peaches (CA only) section.

** Plums and sweet cherries limited to MO and states east of the Mississippi River except TN.

Tank Mixture with Solticam*

For improved control of such weeds as clover, cutleaf evening primrose, dandelion, hen bit, horseweed or mare's tail, lambsquarters, and puncture vine, apply SIM-TROL 9DF in tank mixture with Solticam DF.

Apply 4.4 pounds per acre of SIM-TROL 9DF plus 4-5 lbs. of Solticam DF (80% active ingredient) in 20-100 gallons of water per acre. Use the same rates in all coarse textured soils. Do not apply this combination more than 2 times per year. SIM-TROL 9DF - Solticam may be applied in tank mixture with Gramoxone Super or Roundup.

Refer to the labels of the respective herbicides in the mixtures when applying tank mixtures.

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PRECAUTIONS: (1) Keep SIM-TROL™ - Soicam mixtures from contacting foliage, fruits and stems of citrus trees during spraying. (2) Do not apply within 12 weeks of citrus harvest.

Tank Mixture with Surflan*

Use this tank mix in the following crops for preemergence control of all weeds claimed on both labels:

Almonds	Fibers	Peaches
Apples	Grapes	Pears
Avocados	Grapefruit	Pecans
Cranberries	Lemons	Plums
Oranges	Oranges	English Walnuts

Apply the SIM-TROL™ 9DF rate given under the appropriate crop on this label plus 1.7-5.33 lbs. or Surflan 75W or 2-4 qts. of Surflan A.S. in 20-40 gals. of water per acre. Refer to the Surflan 75W or Surflan A.S. label for complete tank mix directions. Observe all precautions and limitations on the SIM-TROL™ 9DF and Surflan labels.

FIELD AND FORAGE CROPS

CORN: Nitrogen solutions or complete liquid fertilizers may replace all or part of the water as a carrier. Do not apply after corn has emerged as there is danger of liquid fertilizers causing crop injury.

PREEMERGENCE: Apply before weeds and corn emerge. Use the appropriate rate on the label below.

PREPLANT: Apply in the spring after plowing at the appropriate rate on the table below before plowing, or after final seedbed preparation. If soil is tilled or worked after application, avoid deep incorporation. Best results will be obtained when this product 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. Sand, silt, and loam that is low in organic matter	2.2 lbs
Medium-textured soil. Soil containing a moderate amount of clay and organic matter	2.6 lbs
Fine-textured soil. Loam that is high in organic matter and clay (including dark prairie soils of Corn Belt)	3.3 lbs
Organic soil. Peat, muck and high-organic clay.	4.4 lbs

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

TO CONTROL QUACKGRASS: Apply 3.3-4.4 lbs. per acre in the fall. Plow two to three weeks later, or if erosion is a problem, 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, particularly under relatively dry conditions, a shallow cultivation will generally result in better weed control.

PRECAUTIONS: 1) Do not apply more than 4.4 lbs. per acre to corn per year. 2) Do not rotate to any crop except corn until the following year as injury may occur. 3) After harvest, plow and thoroughly till the soil in fall or spring to minimize possible injury to spring-seeded rotational crops, regardless of the rate used. 4) If more than 3.3 lbs. is used per acre (or equivalent rate in a band), a crop of untreated corn should precede the next rotational crop. 5) Do not apply preplant incorporation in corn in the High Plains and intermountain areas of the West (including central and western KS, western NE, western OK, and the Panhandle of TX) where rainfall is sparse and erratic or where irrigation is required. (6) In the High Plains and intermountain areas of the West where rainfall is sparse and erratic or where irrigation is required, use this product to control weeds in corn only when corn is to follow corn or when a crop of untreated corn is to precede another rotational crop. 7) In western MN and eastern parts of the Dakotas, NE, and KS, do not plant soybeans following corn treated with this product if more than 2.2 lbs. per acre (or equivalent rate in a band) was applied as injury may occur. 8) Injury may occur to soybeans planted in north-central and northwestern IA, south-central and southwest MN, north-east NE, southeast SD, and other areas the year following application on soils having a calcareous surface layer. 9) Do not plant sugar beets, tobacco, vegetables (including dry beans), spring-seeded small grains or small-seeded legumes and grasses the year after an application, as injury may occur.

TANK MIXTURES ON CORN

ATRAZINE: Use this product in a preplant or preemerge tank mixture mixture with ATRAZINE 90, ATRAZINE 80W, or Atrazine 4L, for control of many annual weeds, including carpetweed, crabgrass, fall panicum, lambsquarters, morningglory, pigweed, ragweed and velvetleaf. Refer to the Atrazine label for additional directions.

ERADICANE®: Use in a preplant incorporated tank mixture for control of all weeds claimed on both the SIM-TROL™ 9DF and Eradicane labels including partial control (suppression) of shattercane (wild cane). Fluid fertilizer may replace all or part of the water in the spray. Check the physical compatibility of mixture with fertilizer before use. Use a minimum of 20 gals. of spray volume per acre. Refer to the Eradicane label for incorporation directions. Use the higher rate of SIM-TROL™ 9DF on fine textured soil and where heavy broadleaf infestations are expected. Use the higher rate of Eradicane for heavy nutsedge and bermudagrass infestations. For partial control (suppression) of shattercane, broadcast and incorporate immediately before planting 1.1-2.2 lbs. of this product plus 7.33 pts. of Eradicane 6.7E (or 8 pts. Eradicane Extra) per acre. For control of other weeds claimed on both labels, broadcast and incorporate 1.1-3.3 lbs. of this product plus 4.75-7.33 pts. of Eradicane 6.7E (or 5.33-8 pts. of Eradicane Extra) per acre. Observe all precautions and limitations on the SIM-TROL™ 9DF and Eradicane labels.

Gramoxone Super: Use in a tank mixture where corn will be planted directly in a cover crop, established sod, or previous crop residues. This combination controls existing vegetation and provides residual control of the annual broadleaf and grass weeds listed under the General Information section.

Add this product to the spray tank mix thoroughly with water, and then add Gramoxone Super and a nonionic surfactant. Provide constant agitation during mixing and application to keep the mixture in suspension.

Apply 2.2-3.3 lbs. of this product plus 1.5-2.5 pts. of Gramoxone Super™ in 20-60 gals. of water per acre as a broadcast spray either before or after planting but before corn emerges. Add a nonionic surfactant at the rate of 0.5 pt. per 100 gals. of spray volume. For further information, see general information, caution and warning statements, precautions, and notes on the SIM-TROL™ 9DF and the Gramoxone Super labels.

*Based on a product containing 1.5 lbs. Gramoxone Super cation per gal.

SUGARCANE: Apply 2.2-4.4 lbs. per acre at planting or after harvest if ratoon crop is to be grown, but before sugarcane emerge. This product may also be applied interline directed or over the sugarcane to provide continuing control of germinating weeds.

PRECAUTIONS: 1) Do not apply more than one 2.2-4.4 lbs. application over the plants or more than two interline directed applications. 2) Do not apply after "close-in." (3) Total application should not exceed 11.1 lbs. per acre crop cycle.

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

NURSERIES, CHRISTMAS TREE PLANTINGS SHELTERBELTS

NURSERIES (See List Below): Apply 2.2-3.4 lbs. in at least 25 gallons of water per acre in fall or spring at least one year after transplanting.

CHRISTMAS TREE PLANTINGS AND SHELTERBELTS (See List Below): Remove weed growth before application. Apply 2.2-4.4 lbs. in at least 25 gallons of water per acre after transplanting. Use the same rate for annual maintenance applications.

For quackgrass control apply 4.4 lbs. per acre in the fall or apply a split application of 2.2 lbs. per acre in the fall plus 2.2 lbs. per acre in early spring, after quackgrass begins to grow.

PRECAUTIONS: 1) Do not use on seedbeds or cutting beds. 2) In CA, OR, and WA do not apply to Christmas trees or shelterbelts sooner than one year after transplanting. In other areas, do not apply to Christmas trees or shelterbelt transplants less than three years of age. 3) Do not apply more than once a year, except as directed for quackgrass control.

Apply to these species of trees and shrubs as recommended above.

CONIFERS*

arborvitae	Scotch pine	Fraser fir
Austrian pine	white pine	white fir
*Bishop pine	blue spruce	hemlock
*knobcone pine	Norway spruce	juniper
*lodgepole pine (shore pine)	red spruce	cedar
*Monterey pine	white spruce	cedar
Mugo pine	balsam fir	yc. axus spp.
red pine (Norway pine)	Douglas fir	

DECIDUOUS TREES AND WOODY ORNAMENTALS

American elm	holly (Ilex spp.)	red oak
Siberian elm	(max. 3.5 lbs./A)	Russian olive
barberry	honey locust	white ash
boxelder	Oregon grape	*cleander
bush honeysuckle	(Mahonia spp.)	*palm (2.2 lbs./A)
caragana	Pieris spp.	*bottle brush
cotoneaster	(max. 3.5 lbs./A)	*catalpa
Dogwood	red maple	
eucalyptus	**sugar maple	

* For CA only

** Note: Do not use on sugar maple trees intended for syrup production.

TREE PLANTATIONS FOR TIMBER

Apply in the spring before weeds emerge or following removal of weed growth. Apply before or after seeding/transplanting. If applying after transplanting, application may be made over the top of tree seedlings before new growth appears. If new growth is present, direct the spray to avoid tree foliage contact. Do not use on seed nurseries or injury may occur. Apply only once per year.

The following rates are based on broadcast treatment in 20-100 gallons of water per acre. For band or spot application, reduce the broadcast rate in proportion to the area actually sprayed.

BLACK WALNUTS: Apply 2.2-4.4 lbs. per acre.

SLASH PINE AND WHITE PINE: Use for establishment in the South only. Apply 4.4-6.6 lbs. per acre.

LOBLOLLY PINE: Use for establishment in the South only. Apply either 4.4-6.6 lbs. of this product per acre or a tank mix of 3.5-5.3 lbs. of this product plus 1-2 lbs. of ATRAZINE 90 or 0.9-1.75 lbs. ATRAZINE 80 or 0.8-1.6 qts. ATRAZINE 4L per acre. The tank mix provides broad spectrum annual weed control (see list in General Information section of this label) and better weed control in limited rainfall areas than this product alone.

TURF GRASSES FOR SOD (Florida Only)

ST. AUGUSTINE, CENTIPEDE, AND ZOYSIA GRASS: Apply 2.2-4.4 lbs. per acre according to soil texture as indicated below.

Muck or Peat	4.4 lbs	Old beds	within 2 days after lifting of sod
		New beds	3-4 days after sprigging or plugging
Sandy soil	3.2 lbs	Old beds	within 2 days after lifting of sod
		New beds	7-10 days after sprigging or plugging

If weeds re-grow, apply an additional 2.2 lbs. on muck or peat, or 1.1 lbs. on sandy soil.

PRECAUTIONS: 1) Do not apply within 30 days before cutting or lifting.

8 of 8

TURFGRASSES FOR FAIRWAYS, LAWNS, SOD PRODUCTION* AND SIMILAR AREAS

*In states other than Florida.

Bermudagrass, Centipedegrass, St. Augustinegrass, and Zoysia Grass.

Apply Sim-Trol 9DF after September 1 (after October 1 for annual bluegrass) before emergence of winter annual weeds. Sim-Trol 9DF will control annual bluegrass, burclover, lawn burweed, common and mouseear chickweed, corn speedwell, henbit, hop clover, sourweed, and parsley-piert. For control of summer annual weeds listed in the General Information section of this label, apply Sim-Trol 9DF in late winter before the weeds emerge. Apply in a minimum of 15 gallons of water per acre.

Irrigate with 1/2 inch of water if rainfall does not occur within 10 days after preemergence treatment.

Where annual bluegrass is the major weed, use 1.1 lbs. of Sim-Trol 9DF per acre. Use 1.1-2.2 lbs. per acre for control of other weeds. However, do not exceed 1.1 lbs. per acre per treatment on newly sprigged turfgrass or on hybrid bermudagrass such as Tiflawn, Tifway and Ormond.

For control of summer annuals which emerge after the initial application, apply an additional 1.1 lbs. per acre at least 30 days after the initial application, but not after June 1. However, do not make more than two applications per year.

Precautions: On newly sprigged turfgrass, hybrid bermudagrass, nondormant bermudagrass or nondormant Zoysia grass, temporary slowing of growth and yellowing may occur following application. To avoid turf injury, (1) Use only on turfgrass reasonably free of infestations of insects, nematodes, and diseases. (2) Do not use on golf greens. (3) Do not use north of North Carolina (except may be used in the Virginia Coastal Plains) or west of Highway 281 in Texas and Oklahoma. (4) Do not use on muck or alkaline soils. (5) Do not apply over the rooting area of trees or ornamentals not listed on this label. (6) Do not seed or overseed with desirable turfgrass within 4 months before or 6 months after treatment. (7) Do not apply this product to newly seeded grasses until they have overwintered and have a well-developed rhizome system. (8) Do not exceed 2.2 lbs. per acre within 12 months or seeding grasses.

Do not graze or feed turf clippings to animals, or illegal residues may result.

VEGETABLE CROPS

ASPARAGUS (Established): Apply 2.2-4.4 lbs. per acre to beds established one year or more. Apply once per year either after disking in the spring before weeds emerge, or following harvest after removal of existing weed growth. Spring application must be made at least 3 days before first cutting.

PRECAUTIONS: (WA and OR Only): 1) Do not apply to gravelly sand, or loamy sand soil as crop injury may result. 2) Do not allow irrigation water to stand or to form pools in the field as injury may occur.

ARTICHOKES: Apply 2.2-4.4 lbs. per acre as a directed spray after the last fall tillage.

PRECAUTIONS: 1) Do not apply to gravelly sand, or loamy sand soil. 2) Apply only once per year.

NONSELECTIVE WEED CONTROL ON NONCROP LAND

Best results are obtained when this product is applied before weeds emerge. If weed growth has begun and removal is not feasible, include a contact or translocated herbicide in the spray.

This product provides long-term weed control on industrial sites, highway medians and shoulders, railroad right-of-way, lumberyards, petroleum tank farms, and in noncrop areas on farms, such as around buildings, equipment and fuel storage areas, along fences, roadsides, and lanes. Do not use this product for nonselective weed control on land to be cropped near adjacent desirable trees, shrubs, or plants, or in greenhouses, as injury may occur. Aerial applications may be made where it is feasible.

Use at least 1 gallon of water for each 0.9 lb. of this product; use more water if practical for both ground and aerial applications.

TO CONTROL ANNUAL BROADLEAF AND GRASS WEEDS: (including barnyardgrass, cheat, crabgrass, common lambsquarters, foxtail, ragweed, puncturevine, and turkey mullen). Apply 5.3-11.1 lbs. per acre.

TO CONTROL MOST ANNUAL AND MANY PERENNIAL BROADLEAF AND GRASS WEEDS: (including quackgrass, bluegrass, reedtop, burdock, Canada thistle, orchardgrass, purpletop, smooth brome, dogfennel, and plantain). Apply 11.1-22.2 lbs. per acre.

TO CONTROL HARD-TO-KILL PERENNIAL WEEDS: (Including quill thistle and sow thistle). Apply 22.2-44.4 lbs. per acre.

For longer residual control in regions of high rainfall and a long growing season, apply 22.2-44.4 lbs. per acre.

Tank Mixture with Roundup

This tank mixture will provide control of emerged weeds and residual control of weeds listed on the SIM-TROL 9DF label. The combination also will partially control emerged perennial weeds listed on the Roundup label. Add to the spray tank the appropriate rate of SIM-TROL 9DF noted in the above section for SIM-TROL 9DF alone. Then add 1.5 qts. of Roundup per acre depending on weeds present and their growth state. Also add an agriculturally approved nonionic surfactant at 0.5% by volume of spray solution. Apply the mixture in 10-40 gals. of water per acre as a postemergence spray at the appropriate weed growth stage given on the Roundup label. Provide constant agitation during mixing and application to keep the mixture in suspension. Refer to the Application Procedure section of this label for further directions. Refer to the labels of both herbicides for specific non-crop sites, rates, weeds controlled, and further directions, precautions, and limitations.

Tank Mixture with Oust*

Use this tank mixture to control the weeds listed below with either preemergence, early postemergence, or postemergence applications. Use the higher rates within the ranges given under conditions of heavy weed growth on soil with over 2% organic matter on areas with heavy decaying plant residues or on high moisture areas such as along road edges or railroad shoulders. To improve wetting and/or contact activity on emerged weeds, add a nonionic surfactant such as duPont Surfactant WK or X-77 at 1 qt. per 100 gals. of spray. Do not apply by aircraft. Provide constant agitation during mixing and application to keep the mixture in suspension. Refer to the labels of both herbicides for specific noncrop sites and further directions, precautions, and limitations.

Preemergence to Early Postemergence: To control the weeds listed below apply 4.4-8.9 lbs. of SIM-TROL 9DF plus 3.5 oz. of Oust in a minimum of 25 gals. of water per acre.

Broadleaf Weeds (Up to 3-4" in Height or Diameter)

Bouncingbet	Horselail	Sowthistle
Buckhorn Plantain	Kochia	St. Johnswort
Burclover	Lambsquarters	Sunflower
Carolina geranium	Little Mallow	Sweet Clover
Common chickweed	Mustard	Tansymustard
Common dandelion	Ox-eye daisy	Tansy ragwort
Common speedwell	Pigweed	Tumble mustard
Common yarrow	Prickly lettuce	Turkey Mullen
Crimson clover	Puncturevine	Velch
Dogfennel	Purple starthistle	Wild carrot
Filaree	Ragweed	Yellow rocket
Hoary Cress	Russian thistle	

Grasses (Up to 6-12" in Height)

Alta fescue	Fall panicum	Red brome
Annual bluegrass	Fescue	Red fescue
Annual ryegrass	Foxtails	Reed canarygrass
Bahiagrass	Indiangrass	Rigput brome
Barnyardgrass	Italian ryegrass	Ryegrass
Cheatgrass	Johnsongrass	Smooth brome
Crabgrass	(short-term control)	Sprangletop
Downy brome	Little Barley	Witchgrass

Postemergence: To control actively growing weeds listed below apply 8.9-17.8 lbs. of SIM-TROL 9DF plus 6-12 oz. of Oust in a minimum of 25 gals. of water per acre.

Actively Growing Weeds

Bedstraw	Hemlock	Spanshneedles
Canada thistle	Honeysuckle	Turkey mullen
Curly dock	Jerusalem artichoke	Virginia pepperweed
Dewberry	Kudzu	Wild blackberry
Fiddleneck	Mayweed	Johnsongrass
Fleabane	Musk thistle	(season-long control)
Goldenrod	Poison ivy	Yellow nutsedge

NOTICE OF WARRANTY

OXON warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with directions under normal use conditions. It is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of OXON. In no case shall OXON be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the Buyer. OXON MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

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