

AUG 28 1991

Linda C. Watson
Oxon Italia
c/o Pesticide Regulatory Services
Route One, Box 143-A
Highway 122/Banks Lake
Lakeland, GA 31635

Dear Ms. Watson:

Subject: Addition to Listing of Deciduous Trees and Woody
Ornamentals
Sim-Trol 9DF
EPA Registration No. 35915-12
Your Submission Dated June 28, 1991

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable with the following provision:

Under the revised list of deciduous trees and woody ornamentals, add a footnote for sugar maple to read "Do not use on sugar maple trees intended for syrup production."

A stamped copy is enclosed for your records. Please submit three (3) final printed copies of the entire label, incorporating the above revision.

Sincerely yours,

Joanne I. Miller
Product Manager (23)
Fungicide-Herbicide Branch
Registration Division (H7505C)

Enclosure

CONCURRENCES

SYMBOL	H7505C						
NAME	D. KENNY						
DATE	8/22/91						

AMENDMENT
SIM-TROL 9DF
EPA REG. NO. 35915-12

DECIDUOUS TREES AND WOODY ORNAMENTALS

American elm
Siberian elm
barberry
boxelder
bush honeysuckle
caragana
cotoneaster
Dogwood

eucalyplus
holly (Ilex spp.)
(Max. 3.5lbs./A)
honey locust
Oregon grape
(Mahonia spp.)
Pieris spp. (max. 3.5
lbs./A)

red maple
sugar maple
red oak
Russian olive
white ash
*oleander
*palm (2.2 lbs./A)
*bottle brush
*carob

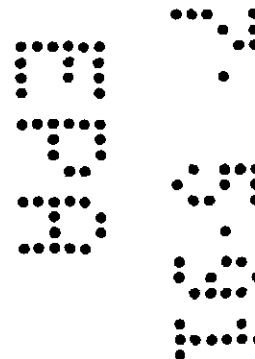
* For CA only

ACCEPTED
with COMMENTS
in EPA Letter Dated:

AUG 23 1991

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

35915-12



oxon Italia

ACCEPTED
 JUN 11 1990
 Under the Federal Insecticide,
 Fungicide, and Rodenticide Act,
 as amended, for the pesticide
 registered under
 EPA Reg. No. 35915-12

Sim-Trol 9DF™

DRY FLOWABLE HERBICIDE

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

ACTIVE INGREDIENT:

Simazine (chloro-4,6-bis[ethylamino] s-triazine)

INERT INGREDIENTS:

TOTAL

90.0%
 10.0%
 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 label for Precautionary Statements.



MANUFACTURED FOR

OXON ITALIA S.p.A.

Via Campese, 1195 - 00044 EUR
 00198 ROMA - ITALY

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. Smetolene is a chemical which can travel (leech or leach) through soil and can contaminate ground water which may be used as drinking water. Smetolene has been found in ground water as a result of agricultural use. Users are advised not to apply Smetolene 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.

RE-ENTRY STATEMENT

Do not enter treated areas without protective clothing 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. 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 inform workers of areas or fields that may not be entered without specific protective clothing until sprays have dried, and appropriate actions to take in case of accidental exposure, as described under Precautionary Statements on this label. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information: "CAUTION: Area treated with Smetolene 90F on (date of application). Do not enter without appropriate protective clothing until sprays have dried. In case of accidental exposure, flush eyes or skin with plenty of water. Call physician if irritation persists. Remove and wash contaminated clothing before reuse."

STORAGE AND DISPOSAL

Store in dry place. 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:** 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 applications 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.

FAILURE TO FOLLOW PRECAUTIONS ON THIS LABEL MAY RESULT IN CROP INJURY, POOR WEED CONTROL, AND/OR ILLEGAL RESIDUES.

ANNUAL WEEDS CONTROLLED

••••• • alyssum • annual bluegrass • annual morning glory • annual ryegrass • bahiagrass • (watergrass) • buckeye •••••	••••• • carelessnessweed • carpetweed • common chickweed • crabgrass (Digitaria spp.) • downy brome • (cheatgrass) • fall panicum •••••	••••• • addleneck • Maree • fireweed • fivehook bassia • Florida penitbrush • Florida pusley • foxtails •••••	••••• • goosegrass • groundsel • henbit • juncelene • knawel (German moss) • common lambquarters • nightshade •••••	••••• • pepperweed • pigweed • pineappleweed • prickly lettuce • common purslane • ragweed • ratal fescue •••••	••••• • redmaids • Russian thistle • shepherds-purse • signalgrass • (Bracharia spp.) •••••	••••• • silver hairgrass • smartweed • sparrowsheds • speedwell • tansymustard •••••	••••• • wildmustard • wild oats • witchgrass • yellow flower • pepperweed •••••
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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. Wash sprayer before use and recalibrate at the start of each season and when changing carriers.
 • Be certain 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.
 • Pumps which provide proper 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 1/2 inch diameter 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 20 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 condition 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 applications, use a minimum of 1 gallon of water for each 1 1/2 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) Rinse tank with 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. (8) 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 to 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. 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) for all herbicide tank mixtures also.
BAND TREATMENT
 The amount of product needed for band treatment may be calculated by the formula:

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

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, 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 soil 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 shepherds-purse. 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.

SPECIMINE

BLACKBERRIES AND CANNIBERRIES (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.

CANNIBERRIES (BA): 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.

FLORIBERTS: 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 1 year. 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 once per year. For control of weeds listed under General Information, apply 7.1-10.6 lbs. per acre in the spring, to also control milkweed vine, use 8.9-10.6 lbs. per acre either pre-emergence or before vines are 12 inches tall.

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 use on bedded grapefruit, lemons or oranges. 3) To avoid possible injury, do not apply when trees are under stress from freeze damage for one year after the freeze.

MACADAMIA NUTS: Apply 2.2-4.4 lbs. in 50 gallons of water before 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 the above directions. Repeat annually in midwinter.

PEACHES, PLUMS, SWEET CHERRIES: 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 Mississippi River. For CA, see specific directions in the section "Almonds and Peaches Only". 3) Plums and sweet cherries use only in MO and states east of the Mississippi River.

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 and 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 shepherd's 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.

FIELD AND FORAGE CROPS

ALFALFA — Pure Alfalfa at least one year old, and Alfalfa-O-orchardgrass mixture at least one-year old. For ground application, apply this product in a minimum of 15 gallons 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.

Pure Alfalfa At Least One Year Old (All Areas Listed) — Apply once a year in the fall after the last cutting but prior to permanently frozen ground conditions. Alfalfa may be actively growing, semi-dormant or dormant when the application is made. Alfalfa must be growing for at least one year before treatment.

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

Alfalfa Regions	Weeds Controlled	Soil Texture	Rate Per Acre
WA, OR, NV, UT, ID, MT, WY, CO and the California counties of Del Norte, Siskiyou, Modoc, Shasta, Lassen, Plumas, Sierra, and Nevada	Downy brome (cheatgrass), tan symphoricarpos, prickly lettuce, pepperweed, seedling shepherd's purse, yellow flower pepperweed	Sand and loamy sand Sandy loam Loam soil Clay soil	DO NOT USE 0.9 lb. 0.9-1.3 lbs. 1.3-1.75 lbs.
ND, SD, MN, WI, NE, KS, IA, NE, and NY	Herb, wild mustard, common chickweed, knewel (German moss), alyssum, downy brome (cheatgrass), wild oats, pepperweed, lathyrus, pigweed, speedwell, and seedlings of yellow rocket, shepherd's purse, white cockle, fanweed (pernycress), dandelion, Russian thistle, Kochia	Sand and loamy sand Sandy loam Loam soil Clay soil	DO NOT USE 0.9 lb. 1.3 lbs. 1.75 lbs.
IL, IN, OH, KY, VA, PA, NJ, DE, MD, WV, VT, MA, CT, ME, NH, RI, and MO	Pigweed, common chickweed, mouseear chickweed, speedwell, herb, knewel (German moss), pepperweed, downy brome, alyssum, common lambquarters, wild oats, and seedlings of shepherd's purse, fanweed (pernycress), yellow rocket (winter cress), Russian thistle, dandelion, Kochia, white cockle	Sand and loamy sand Sandy loam Loam soil Clay soil	DO NOT USE 0.9 lb. 1.1 lbs. 1.3 lbs.

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 dormant when this product is applied. Apply 0.9 lb. per acre to control herb, wild mustard, common lambquarters, common chickweed, German moss, alyssum, downy brome (cheatgrass), wild oats, lathyrus, pigweed, speedwell, and pepperweed.

Established Alfalfa-O-orchardgrass Mixture (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 mixture has gone dormant. Applications should be uniformly broadcast at the rate of 0.9 lb. per acre to control herb, wild mustard, common lambquarters, common chickweed, German moss, alyssum, downy brome (cheatgrass), wild oats, lathyrus, 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-dormant or dormant state. 4) Do not apply on snow. 5) This product will not control dodder and established perennial or biennial weeds such as dandelion, white cockle, quackgrass, anisole, wild carrot, and dock. 6) Temporary crop chlorosis may appear on areas where overlapping occurs. The sprayer should be shut off when turning around at the end or corners of the field. 7) Do not rotate to any crops except corn for the growing season 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 Island): For pre-emergence control of most annual broadleaf and grassy weeds including barnyardgrass, crabgrass, Brachiaria spp., goosegrass, foxtail, cereals, carpetweed, annual ryegrass, pigweed, common purslane, Russian thistle, common chickweed, herb, and burdock, apply this product shortly after sprouting. 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 1 1/2 gallons of water per acre for ground application and in a minimum of 1 gallon of water for each 0.9-1.3 lbs. of the product per acre for aerial application.

Soil Texture	Rate Per Acre
Fine sandy soil low in organic matter	0.9 lb.
Sandy loam soil	1.3-2.2 lbs.
Loam and clay soil low in organic matter	2.2-2.6 lbs.
Clay soil	2.6-3.5 lbs.

PRECAUTIONS: 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 beef cattle or sheep for 30 days after 0.9-2.6 lbs. per acre application or for 60 days after 3.5 lbs. per acre application. Do not cut for hay for 60 days after 0.9-2.6 lbs. per acre application or for 90 days after 3.5 lbs. per acre application.

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 fertilizer causing crop injury.

PRE-EMERGENCE: Apply before weeds and corn emerge. Use the appropriate rate in the table below.

PREPLANT: Apply in the spring after plowing at the appropriate rate in the table below. Apply before, during, or after final seedbed preparation. If soil is tilled or worked after application, avoid seed-to-soil contact. 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. Do not apply 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 spring 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 incorporated 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 northwest IA, south-central and southwest MN, northeast 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 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 pre-emergence tank mixture with OXON 90 Atrazine, OXON 90W Atrazine, or OXON Atrazine AL, for control of many annual weeds, including carpetweed, crabgrass, fall panicum, lambquarters, barnyardgrass, pigweed, ryegrass, and velvetleaf. Refer to the Atrazine label for additional directions.

SUGARCANE: Apply 2.2-4.4 lbs. per acre at planting or after harvest. On crop to be grown, but before sugarcane emerges. This product may also be applied in-burial 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 in-burial directed applications. 2) Do not apply in-burial. 3) Tank application should not exceed 11.1 lbs. per acre crop cycle.

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

GRASSES GROWN FOR SEED (Pacific Northwest Only): Perennial ryegrass, Highland or Astrakhan ryegrass, tall fescue, and fine fescues such as Alopecurus, Parry, and others, and related species. For the control of broadleaf and annual grasses including annual ryegrass, tall fescue, silver hairgrass, and downy brome (cheatgrass) apply 2.2 lbs. in a minimum of 15 gallons of water per acre as soon as fall rains start. Early application is important.

PRECAUTION: Apply only to grasses from which at least one seed crop has been cut.

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

NURSERIES, CHRISTMAS TREE PLANTINGS SHELTERBELTS

NURSERIES (See List Below): Apply 2.2-4.4 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 growth.

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 *

arbutus	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	red cedar
* Monterey pine	white spruce	white cedar
Mugho pine	balsam fir	yew (<i>Taxus spp</i>)
red pine (Norway pine)	Douglas fir	

DECIDUOUS TREES AND WOODY ORNAMENTALS

American elm	dogwood	Peris spp (max 3.5 lbs / A)
Siberian elm	eucalyptus	red oak
barberry	holly (<i>Ilex spp</i>)	Russian olive
boxelder	(max 3.5 lbs / A)	* oleander
bush honeysuckle	honey locust	* plum (2.2 lbs / A)
caragana	Oregon grape	* bottle brush
cotoneaster	(<i>Mahonia spp</i>)	* carob

* For CA only

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 OXON 90 (or 0.9-1.75 lbs. OXON 90 or 0.8-1.6 qts. OXON 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, CENTPEDE, AND ZOYSIA GRASS: Apply 2.2-4.4 lbs. per acre, according to soil texture as indicated below.

Muck or Peat	1.1 lbs.	Old beds	within 2 days after lifting of sod
.....	New beds	3-4 days after springing or plugging
Sandy soil	2.2 lbs.	Old beds	within 2 days after lifting of sod
.....	New beds	7-10 days after springing or plugging

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

PRECAUTIONS: a) Do not apply within 30 days before cutting or lifting. c) Do not use on soil with LNC.

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 diking 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, chest 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, redtop, burdock, Canada thistle, orchardgrass, purpletop, smooth brome, dogfennel, etc.) Apply 11.1-22.2 lbs. per acre.

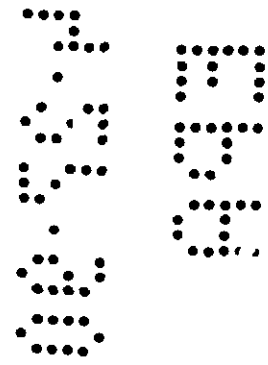
TO CONTROL HARD-TO-KILL PERENNIAL WEEDS: (including bull thistle and sow thistle) Apply 22.2-44.4 lbs. per acre.

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

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.

SCN 021380
CPC 007092



AMENDMENT:

Sim-Trol 9DF
EPA Reg. No. 35915-12

Request to change the Sim-Trol 9DF label to include the following changes:

1. Under Turf Grasses for Sod: Add Florida only and delete under precautions, do not use north of North Carolina.
2. Add 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 will control annual bluegrass, burclover, lawn burweed, common and mouseear chickweed, corn speedwell, henbit, hop clover, spurweed, 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, non-dormant 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 with 12 months of seeding grasses.

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

ALL OTHER ITEMS ON THE LABEL TO REMAIN THE SAME.

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