

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

Corrosive, causes eye and skin damage. Do not get in eyes, on skin, or on clothing. May be fatal if swallowed or absorbed through skin. Do not breathe vapor or spray mist. Use waterproof gloves, face shield or goggles, and protective clothing when handling. Wash hands, arms and face thoroughly with soap after handling and before eating or smoking. Wash clothing and shoes before reuse. Do not apply to food or forage. 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. When applying in enclosed areas, wear a mask or respirator of a type passed by the U.S. Bureau of Mines for Metam-Sodium protection.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and other wildlife. Do not apply directly to lakes, streams, ponds or wetlands. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water when disposing of equipment wash water. Apply this product only as specified on this label.

USE PRECAUTIONS

Keep children and pets out of treated area. Keep off desirable lawns and plants. Do not apply within 3 feet of the drip line of desirable plants, shrubs or trees. Do not use in confined areas without adequate ventilation OR where fumes may enter nearby houses containing growing plants. Do not use in greenhouses where desirable plants are present. Keep container tightly closed when not in use. Do not store near feed or food.

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 include the following information: 'DANGER. This area has been treated with SECTAGON II™. Do not enter without appropriate protective clothing. If accidentally exposed, remove contaminated clothing and wash the affected areas.' When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warning must be given if there is a reason to believe that written warnings cannot be understood by workers. Written warning must include the following information: 'DANGER. Area treated with SECTAGON II™ on (date of application). Do not enter without appropriate protective clothing until sprays have dried. If accidentally exposed, remove contaminated clothing and wash the affected areas.'

**OR-CAL
SECTAGON II™**

SOIL FUMIGANT SOLUTION FOR ALL CROPS
For suppression of: Nematodes, Fungi, Bacteria, Weeds, Weed seeds and Volunteer seeds.

ACTIVE INGREDIENTS:

Sodium methyldithiocarbamate (anhydrous) 32.7%

INERT INGREDIENTS 67.3%

TOTAL 100.0%

Contains 3.18 lbs. active ingredient per gallon

KEEP OUT OF REACH OF CHILDREN

DANGER PELIGRO

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STATEMENT OF PRACTICAL TREATMENT

FIRST AID: Immediately start the procedures given below and contact a Poison Center, a physician, or the nearest hospital. Report the type and extent of exposure, describe the victim's symptoms, and follow the advice given.

If on skin: Immediately flush skin with large amounts of running water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention immediately.

If in eyes: Immediately flush eyes with large amounts of running water for at least 15 minutes. Hold eyelids apart to ensure rinsing of the entire surface of the eye and lids with water. Get medical attention immediately.

If inhaled: Remove to fresh air. If not breathing, clear the victim's airway and start mouth-to-mouth artificial respiration. If breathing is difficult, give oxygen, preferably with a physician's advice. Get medical attention immediately.

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

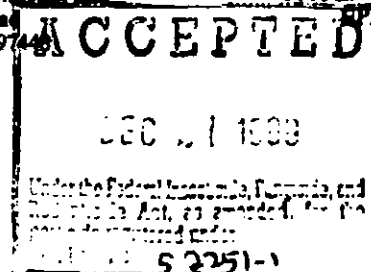
SEE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

Oregon-California Chemicals, Inc.
29454 Meadowview Road
Junction City, Oregon 97449

EPA Est. No. 52251-OR-005
EPA Reg. No. 52251-1

NET CONTENTS -

US GAL.



STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

STORAGE: Store in a cool, dry place. Keep container closed when not in use.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

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.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Use only according to attached label booklet and/or side panel instructions. Refer to supplemental labeling entitled Booklet, for use directions for chemigation. Do not apply this product through any irrigation system unless the supplemental labeling on chemigation is followed.

READ ALL LABEL DIRECTIONS BEFORE USING

DO NOT STORE BELOW 0 F. Product crystallizes at lower temperature. Warm or store at higher temperatures and mix to redissolve crystals and assure uniformity before use.

CONDITIONS OF SALE - LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES

The directions on this label are believed to be reliable and should be followed carefully. Insufficient control of pests and/or injury to the crop to which the product is applied may result from the occurrence of extraordinary or unusual weather conditions, the failure to follow the label directions, or good application practices, all of which are beyond the control of Oregon-California Chemicals, Inc. or seller. In addition, failure to follow label directions may cause injury to crops, animals, man or the environment. Oregon-California Chemicals, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purpose referred to in the directions for use subject to the factors noted above which are beyond the control of Oregon-California Chemicals, Inc. Oregon-California Chemicals, Inc. makes no other warranties or representations of any kind, express or implied, concerning the product, including no implied warranty of merchantability or fitness for any particular purpose. The exclusive remedy against Oregon-California Chemicals, Inc. for any cause of action relating to the handling or use of this product is a claim of damage and in no event shall damages or any other recovery of any kind against Oregon-California Chemicals, Inc. exceed the price of the product which causes the alleged loss, damage, injury, or other claim. Oregon-California Chemicals, Inc. shall not be liable and any and all claims against Oregon-California Chemicals, Inc. are waived, for special, indirect, incidental, or consequential damages or expense, of any nature, including, but not limited to, loss of profits or income, whether or not based on Oregon-California Chemicals, Inc. negligence, breach of warranty, strict liability in tort or any other cause of action. Oregon-California Chemicals, Inc. and the seller offer this product and the buyer and user accept it, subject to the foregoing conditions of sale and limitation of warranty, liability and remedies.

OR-CAL SECTAGON II™ Booklet

Oregon-California Chemicals, Inc.
29454 Meadowview Road
Junction City, OR 97448

EPA Registration No. 52251 -1

FUMIGANT SOLUTION FOR ALL CROPS

For suppression of: Nematodes, Fungi, Bacteria, Weeds,
Weed seeds and volunteer seeds.

ACTIVE INGREDIENTS

Sodium methylidithiocarbamate (anhydrous)	32.7%
INERT INGREDIENTS	67.3%
TOTAL	100.0%

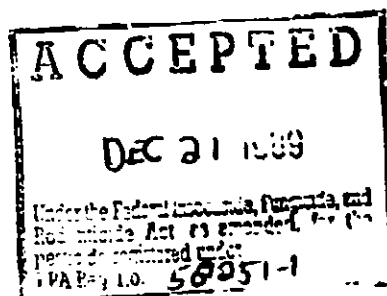
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If in eyes: Immediately flush eyes with large amounts of running water for at least 15 minutes. Hold eyelids apart to ensure rinsing of the entire surface of the eye and lids with water. Get medical attention immediately.

If inhaled: Remove to fresh air. If not breathing, clear the victim's airway and start mouth-to-mouth artificial respiration. If breathing is difficult, give oxygen, preferably with a physician's advice. Get medical attention immediately.

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

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

STORAGE: Store in a cool, dry place. Keep container closed when not in use.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinseate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

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cal description on the label and is reasonably fit for the purpose referred to in the directions for use subject to the factors noted above which are beyond the control of Oregon-California Chemicals, Inc. Oregon-California Chemicals, Inc. makes no other warranties or representations of any kind, express or implied, concerning the product, including no implied warranty of merchantability or fitness for any particular purpose. The exclusive remedy against Oregon-California Chemicals, Inc. for any cause of action relating to the handling or use of this product is a claim of damage and in no event shall damages or any other recovery of any kind against Oregon-California Chemicals, Inc. exceed the price of the product which causes the alleged loss, damage, injury, or other claim. Oregon-California Chemicals, Inc. shall not be liable and any and all claims against Oregon-California Chemicals, Inc. are waived, for special, indirect, incidental, or consequential damages or expense, of any nature, including, but not limited to, loss of profits or income, whether or not based on Oregon-California Chemicals, Inc. negligence, breach of warranty, strict liability in tort or any other cause of action. Oregon-California Chemicals, Inc. and the seller offer this product and the buyer and user accept it, subject to the foregoing conditions of sale and limitation of warranty, liability and remedies.

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DIRECTIONS FOR USE

**For suppression of: Nematodes, Fungi, Bacteria, Weeds,
Weed seeds and volunteer seeds.**

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POWER ROLL SEAL METHOD (NON TARP)

Use a Rotovator and Roll Applicator only. Contact your local agricultural extension service, distributor or the manufacturer for approved Rotovator and Roll Applicator specifications.

When to Treat: Apply SECTAGON II™ 2-6 weeks prior to planting, whenever soil type and conditions permit. For best results with annual crops, treat the soil each year. Do not use SECTAGON II™ to treat any type of soil when it is cold and/or wet.

Soil Preparation: SECTAGON II™ gives best results when conditions permit thorough diffusion of the fumigant through the soil and the soil surface can be power roll sealed to prevent excessive fumigant loss during the exposure period. The soil should be prepared to seed bed condition, free of dry clods, relatively low in undecomposed organic matter with a level soil surface. A smooth soil surface is required for uniform distribution of SECTAGON II™ during incorporation.

Soil Moisture: Soil moisture should range between 30% and 50% of field capacity.

Soil Temperature: Soil temperature should range between 40 to 90 F at the depth of incorporation. Cool soil temperature and high soil moisture will slow diffusion of fumigant and planting date/time may be delayed. Hot soil temperature and low soil moisture allows extremely rapid diffusion of fumigant and hinders a good soil seal.

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Application: SECTAGON II™ may be applied using suitable application equipment that will ensure incorporation of SECTAGON II™ to the desired depth below the final soil surface. (Contact your dealer or the manufacturer for the specifications for suitable application equipment).

DOSAGE AND USE RECOMMENDATIONS

GALLONS PER TREATED ACRE						
DEPTH OF INCORPORATION						
SOIL TYPE	1"	2"	3"	4"	5"	6"
SAND	3-6	6-12	9-18	12-14	15-30	18-36
SANDY LOAM	4-8	8-16	12-24	16-32	20-40	24-48
SILT LOAM	5-10	10-20	15-30	20-40	25-50	30-60
CLAY LOAM	6-12	12-24	18-36	24-48	30-60	36-72
ORGANIC PEAT OR MUCK	6-12	12-24	18-36	24-48	30-60	36-72

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Important Soil Treatment Precautions

Crops to be killed: For crops that require soil movement (hilling) prior to or after planting, incorporate SECTAGON II™ to a depth that will allow the tillage required to occur without penetrating below the depth of treatment.

Crops to be bedded: For crops to be bedded care must be taken that exposed sides of raised beds are not cracked or open compared to the power rolled surface. If necessary, add power rollers of the required height or other sealing equipment to the ends of the bedding equipment to seal the sides.

Note: The use of SECTAGON II™ for the control of weeds, weed seeds and shallow inhabiting soil fungi requires that **NO SOIL CULTIVATION OCCUR FOLLOWING TREATMENT** until time of planting.

This method of treating soil with SECTAGON II™ will not be effective for the control of nematodes outside the treated zone. This method of SECTAGON II™ application can be used in combination with other soil fumigants to control the nematodes persisting in the surface 1 to 6 inches of soil normally not controlled with injected soil fumigants. For further information contact your local agricultural extension service or the manufacturer.

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PREPARATIONS AND CONDITIONS FOR METHODS OTHER THAN POWER ROLL SEAL METHOD

Before applying SECTAGON II™ always cultivate thoroughly area to be treated, breaking up clods and loosening soil deeply and thoroughly. A week before treatment, moisten soil after cultivation to the desired depth; sprinkle or flood irrigate. This step is essential for following methods of use. Immediately before application, cultivate lightly if the soil has crusted. To prevent loss from evaporation, use only at times when air temperature is moderate and there is little wind movement. Soil temperature must be in the range of 60-90 F. at a 3 inch depth. For other conditions, see section "Cultivation & Planting After Application". Do not apply to the soil surface, as in the sprinkler method, when air temperature is over 90 F. or when low humidity or high winds would cause loss of SECTAGON II™ before it can be drenched into the soil with additional water. If fumes become unpleasant during treatment, apply more water to seal the fumes into the soil where they should be confined to achieve maximum fumigant benefit.

The activity of SECTAGON II™ is increased by the use of a tarp (plastic, paper or fabric) spread loosely over the treated area and secured to prevent removal by wind. Keep covered for a minimum period of 48 hours. Seven days after treatment cultivate area to depth of 2 inches to aerate the soil. Do not seed earlier than 21 days after application when tarping method is used.

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ROTARY TILLER

Spray or sprinkle diluted SECTAGON II™ immediately in front of tiller. Use 1 qt. SECTAGON II™ in 2 1/2 gal. water per each 100 sq. ft. Follow immediately with a roller to smooth and compact the soil surface. Light watering or a tarp after rolling will help prevent gas escape.

FIELD APPLICATION - WHERE ENTIRE AREA IS BEING TREATED

SOIL INJECTION

Space thin injection shanks 5 in. apart and inject SECTAGON II™ 4 in. deep into well prepared soil. Follow immediately with a roller to smooth and compact surface. Light watering or a tarp after rolling helps prevent gas escape. For field use, 40 to 100 gal SECTAGON II™ per acre is recommended.

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CHEMIGATION

#2 Use only those sprinkler systems which give large water droplets to prevent excessive loss. Use 75 to 100 gal. SECTAGON IITM per acre. For control of shallow pests (top 1 ft. or less of soil), run sprinklers 5 to 10 min. In next 10 to 20 min. inject into the sprinkler system all SECTAGON IITM needed for the area covered. On very light soils keep surface moist by sprinkling for 2 or 3 days. For control of pests deeper than 18 in. in the soil, divide SECTAGON IITM into 3 or more equal parts and apply at intervals during the sprinkling period.

#3 Apply this product only through sprinkler including center pivot, lateral move, end tow, side (wheel) roll, traveler, big gun, solid set, or hand move, flood (basin), furrow, or border irrigation systems. Do not apply this product through any other type of irrigation system.

Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from nonuniform distribution of treated water.

If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts.

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Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place.

#4 A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

#5 SPRINKLER SYSTEM CHEMIGATION

The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops. The irriga-

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tion line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

Do not apply when wind speed favors drift beyond the area intended for treatment.

FLOOD, FURROW OR BORDER IRRIGATION SYSTEM CHEMIGATION

Systems using a gravity flow pesticide dispensing system must meter the pesticide into the water at the head of the field and downstream of a hydraulic discontinuity such as a drop structure or weir box to decrease potential for water source contamination from backflow if water flow stops. Precautions under SPRINKLER SYSTEM CHEMIGATION apply for systems utilizing a pressurized water and pesticide injection system. Do not dilute in supply tanks. Agitation of supply tank recommended after freezing.

Posting of areas to be chemigated is required when 1) any part of a treated area is within 300 feet of sensitive areas such as residential areas, labor camps, businesses, day care centers, hospitals, in-patient clinics, nursing homes or any public areas such as

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schools, parks, playgrounds, or other public facilities not including public roads, or 2) when the chemigated area is open to the public such as golf courses or retail greenhouses.

Posting must conform to the following requirements. Treated areas shall be posted with signs at all usual points of entry and along likely routes of approach from the listed sensitive areas. When there are no usual points of entry, signs must be posted in the corners of the treated areas and in any other location affording maximum visibility to sensitive areas. The printed side of the sign should face away from the treated area towards the sensitive area. The signs shall be printed in English. Signs must be posted prior to application and must remain posted until foliage has dried and soil surface water has disappeared. Signs may remain in place indefinitely as long as they are composed of materials to prevent deterioration and maintain legibility for the duration of the posting period.

All words shall consist of letters of at least 2 1/2 inches tall, and all letters and the symbol shall be a color which sharply contrasts with their immediate background. At the top of the sign shall be the words KEEP OUT, followed by an octagonal stop sign symbol of at least 8 inches in diameter containing the word STOP. Below the symbol shall be the words PESTICIDES IN IRRIGATION WATER.

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NOTICE: Do not operate irrigation systems without safety valves or other devices to prevent back siphoning of SECTAGON II™ into water sources. Irrigation water treated with SECTAGON II™ should be maintained on the treated area until the water is absorbed by the soil. The tank containing SECTAGON II™ must be connected to the discharge side of the irrigation pump or other pressurized equipment attached to the irrigation line. Do not apply in irrigation systems that result in overlapping application of SECTAGON II™. Do not apply when weather conditions favor drift from target areas.

CULTIVATION AND PLANTING AFTER APPLICATION

On well drained soils of light to medium texture which are not excessively cold or wet following application, planting may take place 14 to 21 days after treatment. If soils are heavy or especially high in organic matter or remain wet and/or cold (below 60 F) following the application of SECTAGON II™, minimum interval of 30 days should be observed. On heavy, wet soils, light surface cultivation to breakup crusting and promote drying of the soil should be done 5 to 7 days after application. This cultivation may be repeated as necessary. To avoid reinfesting treated soil, cultural prac-

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tices should be such that untreated soils are not mixed with treated soils. Seven days after treatment cultivate areas to a depth of 2 inches to aerate the soil.

SPECIAL INSTRUCTIONS

When treating potting soil, or heavier field soils, including soils high in clay or organic matter, it is especially important that the soil be allowed to aerate and dry thoroughly after using SECTAGON II™. During cold and/or wet weather, frequent shallow cultivations may aid the escape of SECTAGON II™ from the soil. If in doubt, transplant a seedling plant and examine for injury before planting crop.

TOBACCO PLANT BEDS

Fall applications are recommended wherever possible. Read and follow DIRECTIONS FOR USE carefully. Treatment in the South should generally be made before November 30.

A. TARP METHOD: Prepare the bed 5 to 7 days before application to insure best conditions for weed seed germination and fumigant action of SECTAGON II™. The bed should be free of clods, level and in good tilth. Apply 1 to 1 1/2 gal. of SECTAGON II™ in a minimum of 40 gal. of water per 100 sq. yds. Apply uniformly over the entire bed. Cover the bed immediately with a plastic cover. Keep covered no less than one day, but no more than two days. The cover need not be sealed, but should be secured to prevent wind from uncovering the treated area. Seven days after date of SECTAGON II™ application, loosen the treated soil to a depth of 2 in. Do not seed tobacco earlier than 21 days after SECTAGON II™ application.

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B. DRENCH METHOD: Apply 2 1/2 gal. SECTAGON II™ in 150 to 200 gal. of water per 100 sq. yd. Application may be made with sprinklers, sprayers with nozzles or any suitable equipment. Follow directions given above for seed bed treatment.

SYMPHYLID SUPPRESSION

Soil should be in good seed bed condition to a depth of 8 to 10 inches. Maintain adequate moisture during spring season. Treat during July-August when symphytids are in the upper soil surface. Apply 20 gal. SECTAGON II™ per acre using blade or chisel injector. Inject below level of symphytid concentration, usually 6 to 8 inches. Pack soil immediately after application.

NOTE: SECTAGON II™ will only control Nematodes which are in the fumigated zone at the time of treatment.

POTATOES

For suppression of potato pests such as Nematodes, Weed Seeds, Verticillium Dahliae.

Apply 40 gals. SECTAGON II™ per acre using thin shank injector rig.

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Sprinkler system preplant application - Use 50 to 100 gallons of SECTAGON II™ per acre. Inject into a sprinkler system that can deliver an even water distribution for the area being treated. Soil temperature should be in the range of 40 F. to 90 F. in the treatment zone. On very light soils, keep surface area moist by sprinkling periodically for 2 or 3 days. Do not apply when plants are present.

PEPPERMINT - Verticillium wilt control.

When infestation is limited to small spots in a field, spread can be reduced by treating the soil with 100 gals. SECTAGON II™ per acre using injector blade or thin shank injector rig.

TREATMENT OF TREE REPLANT SITES

After removing dead or diseased tree and as much of the root system as possible, make a shallow basin over the planting site. Add SECTAGON II™ to the stream of water while filling the basin. Use 1 qt. SECTAGON II™ per 100 sq. ft. in sufficient water (depending on soil type) to penetrate at least 6 ft. For control of oak root fungus, use a basin at least 20 x 20 sq. ft. Increase dosage to 2 qt. SECTAGON II™ per 100 sq. ft. in sufficient water to penetrate to the depth of root system. If water is tanked to the planting site, add SECTAGON II™ to the water and mix before filling basin.

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TREATMENT OF POTTING SOIL

A. SPRINKLE METHOD

1. Spread soil in a smooth layer 4 inches high on concrete or on pre-treated soil.
2. Sprinkle SECTAGON II™ at rate of 1 pint in 5 gallons of water per 100 sq. ft. of surface area.
3. Layers can be treated on top of another.
4. Sprinkle top layer with sufficient additional water to seal the surface, or cover with tarp (plastic, kraft paper, etc.).

B. SHREDDER

1. Dilute SECTAGON II™ in sufficient water to obtain even distribution. As soil is ejected from shredder, spray uniformly on soil stream at rate of 1 fl. oz SECTAGON II™ per 2 cu. ft. of soil.
2. After all soil is treated and piled, apply light water seal to entire surface or cover with tarp.

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STORAGE AND DISPOSAL

Keep container tightly sealed during storage. Do not store near food or food products. Do not store below 0 F. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Triple rinse (or equivalent) drums or bulk storage tanks. Offer drums for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities.

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