

Contans[®] WG

For agricultural and greenhouse use to reduce/control
Sclerotinia sclerotiorum and
Sclerotinia minor in the soil

Active Ingredient:	
Coniothyrium minitans strain CON/M/91-08.....	5.30%
Other Ingredients:.....	94.70%
Total:.....	100.00%
Contains a minimum of 1 X 10 ⁹ cfu/gram	

KEEP OUT OF THE REACH OF CHILDREN
CAUTION

FIRST AID	
If swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 - 20 minutes. • Call a poison control center or doctor for treatment advice.
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

See back panel for additional precautionary statements.

Manufactured by:
 PROPHYTA Biologischer Pflanzenschutz GmbH
 Inselstrasse 12
 D-23999 Malchow/Poel, Germany

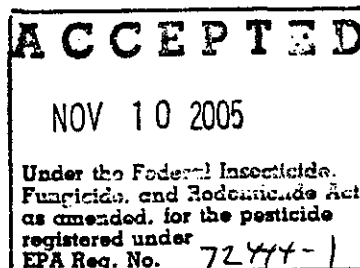
EPA Reg. No: 72444-1

EPA Est. No: 72444-DEU-001

Marketed and Distributed by:
 Sylvan Bioproducts, Inc.
 P.O. Box 249, 333 Main Street
 Saxonburg, PA 16056

Net Contents: 50 lbs.

For more information call: (866) 352-7520 or visit: www.contanswg.com



PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS: CAUTION. Harmful if swallowed, if absorbed through skin or inhaled. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling.

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.

PERSONAL PROTECTIVE EQUIPMENT (PPE): Applicators and other handlers must wear long-sleeved shirt and long pants, waterproof gloves and shoes plus socks. All mixer/loaders and applicators must wear a dust/mist-filtering respirator (MSHA/NIOSH approval number prefix TC-21C), or a NIOSH approved respirator with any N,P,R, or HE filter. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENVIRONMENTAL HAZARDS: Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean highwater mark. Do not contaminate water by cleaning equipment or disposal of equipment washwaters.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation. 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.

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 intervals (REI). The requirements in this box/bag only apply to uses of this product that are covered by the Worker Protection Standard. Do not enter or allow worker entry into treated areas during the restricted entry interval of 4 hours. 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, or coveralls, waterproof gloves and shoes plus socks.

GENERAL INFORMATION: CONTANS® WG is applied directly on the soil surface and incorporated into the upper soil level. It is intended for use on agricultural and greenhouse soils used for the production of plants that are susceptible to infection by *Sclerotinia sclerotiorum* and *Sclerotinia minor*. Plants susceptible to *Sclerotinia sclerotiorum* and *Sclerotinia minor* are leafy vegetables, brassica vegetables, fruiting vegetables, bulb vegetables, cereal grains, legume vegetables, oil seeds, herbs and spices and ornamental plants. CONTANS® WG may be applied directly to the soil prior to planting, at planting or during transplanting. CONTANS® WG is a water dispersible granule for the reduction/control of *Sclerotinia sclerotiorum* and *Sclerotinia minor* in agricultural soils. CONTANS® WG is intended for use as part of an Integrated Pest Management (IPM) system. When used in conjunction with good cultural management practices and as part of a complete disease control program, CONTANS® WG reduces/controls soil infestations of *Sclerotinia sclerotiorum* and *Sclerotinia minor*.

See your CONTANS® WG distributor for tank mix compatibility.

MIXING DIRECTIONS: Determine the volume of water needed to provide thorough coverage of the soil in the treatment area. The amount of water needed will depend on the weather, spray equipment and local experience. Partially fill the spray tank with clean water and begin agitation. Add the specified amount of CONTANS® WG to the tank (consult application directions below). Finish filling the tank to the desired volume that provides maximum coverage. Maintain agitation. Do not allow spray mixture to stand overnight or for prolonged periods.

APPLICATION DIRECTIONS: CONTANS® WG is applied directly to the soil surface, using conventional spray equipment. Thorough spray coverage is needed to provide a uniform deposit of CONTANS® WG on the soil. The treated soil surface must be incorporated into the upper soil layer (top one to two inches) by means of water or disc, cultivator or other similar equipment. Maintain agitation. Do not allow spray mixture to stand overnight or for prolonged periods.

CONTANS® WG is less effective in soils with temperatures over 85°F and under 35°F.

The active ingredient of CONTANS® WG is exempt from the requirement of a tolerance for residues in and on all food commodities, and can be used in any agricultural soil without rotational crop restrictions.

APPLICATION RATES:

For general agricultural use - Apply CONTANS® WG at a rate of 1 to 4 lbs. per acre to the soil prior to or at planting or at time of transplant. CONTANS® WG may also be applied to plant debris that remains in the field after harvest, prior to replant of a susceptible crop. If incorporation will displace the soil greater than two inches, increase the application rate to 3 to 6 lbs. per acre.

For use on soils where sunflower, canola, safflower, root vegetables, dry beans or soybeans will be planted - Apply CONTANS® WG to the soil at a rate of 1 to 2 lbs. per acre at or prior to planting sunflower, canola, safflower, root vegetables, dry beans or soybeans. When applied correctly, CONTANS® WG will reduce inoculum loads of sclerotia in the soil. CONTANS® WG may also be applied in the fall to treat the soil prior to spring planting of a susceptible crop. Treated soils should not be disturbed to avoid bringing untreated sclerotia from lower soil layers to the top soil layer. If the equipment used will incorporate CONTANS® WG to a depth greater than two inches, the application rate should be increased to 2 - 6 lbs. per acre.

For greenhouse use - Apply CONTANS® WG at a rate of 0.75 - 1.5 oz. per 1000 sq. ft.

CHEMIGATION DIRECTIONS FOR USE

Application through sprinkler and drip irrigation: Contans® WG may be applied through sprinkler (overhead) and drip irrigation systems either pre-plant or to crop stubble on lighter textured soils (sandy loams - sand) at a rate appropriate to the crop as above. If applied in this manner, irrigate with enough water to saturate the soil to a depth of at least 4 inches. Generally 3/4-1 inch of water will be enough for a good incorporation of Contans® WG. If followed by tillage, do not disturb the soil below the treated soil layer (approximately 2 inches).

Mixing instructions: A supply tank is recommended. Mix Contans® WG in the supply tank to a concentration appropriate to cover the intended acreage in one pass (example: 40 acres at 2 lbs per acre will require 80 pounds in the supply tank). Agitation will be required for mixing and maintaining the suspension of the spores of the active agent in the injection solution. All of the Contans® WG should be applied in one pass of the irrigation system. For drip (tape of soakers) irrigation apply all of the Contans® WG in 24 hours of mixing.

Apply this product only through the following types of systems: sprinkler including center pivot, lateral move, side (wheel) roll and drip (tape and soakers) 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 non-uniform distribution of treated water.

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

"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."

Chemigation Using Public Water Systems

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.

1. "Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regular serves an average of at least 25 individuals daily at least 60 days out of the year."
2. "Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone, back flow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the flow outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe."
3. "The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection."
4. "The pesticide injection pipeline must 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."
5. "The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops, or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected."
6. "Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock."
7. "Do not apply when wind speed favors drift beyond the area intended for treatment."

Chemigation Using Sprinkler Irrigations Systems

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

Chemigation Using Drip (Trickle) Irrigations Systems

1. "The system must contain a functional check valve, vacuum relief valve and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from back flow."
2. "The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump."
3. "The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down."
4. "The system must contain functional inter-locking controls to automatically shut off the pesticide injection pump when the water pump motor stops."
5. "The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected."
6. "Systems must use a metering pump such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock."

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in a dry cool place out of direct sunlight and away from heat sources at approximately 39°F. Keep from overheating.

CONTAINER DISPOSAL: Completely empty package into application equipment. Then dispose of empty package in a sanitary landfill by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

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

WARRANTY: PROPHYTA Biologischer Pflanzenschutz GmbH warrants that the product conforms to the description on the label and is reasonably fit for the purposes set forth on the label, when used according to directions under normal use conditions. Neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to the label instructions; the buyer assumes the risk of any such uses.

Contans is a registered trademark of PROPHYTA Biologischer Pflanzenschutz GmbH in the United States and elsewhere.