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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

OCT 6 1998

Mr. Richard F. Fletcher
Cleary Chemical Corporation
178 Ridge Road, Suite A
Dayton, NJ 08810

Dear Mr. Fletcher:

Subject: Label Amendment
Spectro 90 WDG
EPA Reg No 1001-72
Your Correspondence Dated July 29, 1998

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable subject to the conditions indicated below. A stamped copy is enclosed for your records.

1. Under the "General Information" section, first sentence, the word "equipment" should be added after ground.
2. Under the "Horticultural Applications" section, second paragraph after the word "run-off," the following should be added: "...when conditions are favorable for disease development. Repeat applications at 7-21 day intervals as needed."
3. Under the "Ornamentals Suggested for Treatment" section, "Boston Ivy" should be replaced by "Swedish Ivy."
4. Under the "Ornamentals Suggested for Treatment" section, the following note should be added: "Note: Numbers following plant names refer to disease categories."

Please submit one (1) copy of your final printed labeling before you release the product for shipment.

20/12

If you have any questions regarding this letter, do not hesitate to contact me a (703) 305-7740 or María I. Rodríguez of my staff at (703) 305-6710.

Sincerely,

15/

Cynthia Giles-Parker
Product Manager #22
Fungicide Branch
Registration Division (7505C)

Enclosure

30/10

**ACCEPTED
with COMMENTS
In EPA Letter Dated:**

OCT 6 1998

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

1001-72

SPECTRO 90 WDG

Turf and Ornamental Fungicide

For the prevention and control of fine turf diseases and diseases of annual and perennial flowers, bedding plants, foliage plants, ground covers, plus deciduous and evergreen trees and shrubs.

Active ingredients:

chlorothalonil (tetrachloroisophthalonitrile)	72%
thiophanate-methyl (dimethyl 4,4-o-phenylenebis-(3, thioallophanate))	18%

Inert ingredients	10%
Total	100%

**Keep Out Of Reach Of Children
Danger - Peligro**

See side panel for additional precautionary statements.	Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (if you do not understand the label, find someone to explain it to you in detail.)
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STATEMENT OF FIRST AID

If swallowed: Call a physician or Poison control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. **Do not** induce vomiting or give anything by mouth to an unconscious person.

If in eyes: Immediately flush eyes with plenty of water and continue for 15 minutes. Seek medical attention for eye immediately.

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

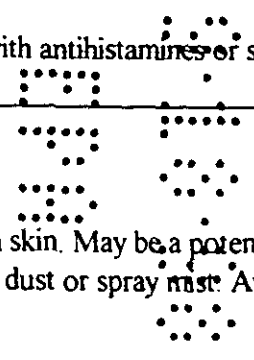
If on skin: Wash with plenty of soap and water. Get medical attention.

Note to physicians: Persons having temporary irritation may respond to treatment with antihistamines or steroid creams and/or systemic steroids.

PRECAUTIONARY STATEMENTS

Hazards to humans and domestic animals.

DANGER - Corrosive. Causes irreversible eye damage. Harmful if absorbed through skin. May be a potential skin sensitizer. Do not get in eyes or on clothing. Harmful if inhaled. Avoid breathing dust or spray mist. Avoid



prolonged contact with skin. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. **Do not take internally.**

Note to user: this product may produce mild bronchial irritation and temporary irritation of the skin characterized by redness or rash on exposed skin areas. Affected persons should consult a physician. **Do not graze animals of treated turf or feed clippings to livestock or poultry.**

Personal Protection Equipment (PPE):

WPS Uses: Applicators and other handlers who handle this pesticide for any use covered by the Worker Protection Standard (40 CFR Part 170), must wear the following:

- Long sleeved shirt and long pants
- Shoes plus socks
- A dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C).
- Waterproof gloves
- Protective eye wear

For exposures in enclosed areas, applicators and other handlers must wear a respirator with either an organic vapor removing cartridge with a pre-filter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G).

Non-WPS Uses: Applicators and other handlers who handle this pesticide for any use not covered by the Worker Protection Standard (40 CFR Part 170), must wear the following:

- Long sleeved shirt and long pants
- Shoes plus socks
- Waterproof gloves
- Protective eye wear

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. **Do not reuse them.** 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.

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Environmental Hazards

This product is toxic to fish, aquatic invertebrates, and marine/estuarine organisms. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. **Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters. Do not apply when weather conditions favor drift from treated areas. Apply only to areas specified on label.**

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 statements 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 into treated areas during the restricted entry interval (REI) of 48 hours. Personal Protective Equipment (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, shoes with socks, and protective eye wear.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.
Turf and Landscape Uses: Keep children and pets out of treated area until sprays have dried.

General Information:

Cleary's SPECTRO may be applied with ground using sufficient volume of spray to provide thorough coverage. Add required amount of SPECTRO to a partially filled tank, agitate by mechanical or hydraulic means and then add remaining required amount of water. Continuous agitation is required to keep the material in suspension. Do not tank mix with copper-containing materials or with highly alkaline pesticides such as Bordeaux mixture of lime sulfur. Do not combine SPECTRO with other pesticides, surfactants, or fertilizers, unless your prior use has shown the combination is physically compatible, effective, and non-injurious under your conditions of use. In general, add insecticide and fertilizer products last. No claim of compatibility with other pesticides is implied. Do not combine SPECTRO with Dipel 4L, Foil, Triton Ag-98, Triton B-1956, Latron B-1956 or Latron AG-98 as phytotoxicity may result from the combination when applied to some species on this label.

TURF APPLICATIONS

For use on all fine turf applications such as commercial and home lawns, athletic fields, sod, cemeteries, parks, golf course greens, tees, and fairways of cool season and warm season grasses (such as Bentgrasses, Bermudagrasses, Bluegrasses, Fescues, Ryegrasses, St. Augustine grasses, and Zoysia) or their mixtures. Cleary's SPECTRO is not phytotoxic to any of the above mentioned grasses when used in accordance with the label. SPECTRO is to be used for the prevention and control of the diseases mentioned below. It can provide both curative and protective action. For best results use spray mixture the same day it is prepared. Spray uniformly over the area to be treated with a properly calibrated power sprayer. Begin applications when conditions favor disease development and repeat applications as long as these conditions persist. Preventative treatments should be applied using 14-21 day intervals. Curative treatments should be applied using 7-14 day intervals. When treating golf greens, always treat aprons and approaches. Use the highest recommended rate and shortest application interval under conditions of severe disease pressure. Apply after mowing or avoid mowing twelve hours after application. Do not mow or water after treatment until spray deposited on turfgrass is thoroughly dry (unless directed specifically by use directions). Apply recommended amounts in sufficient water to obtain thorough coverage (2-4 gallons suggested per 1,000 square feet). Cleary's SPECTRO should always be used in conjunction with good turf management practices.

Disease(s) controlled	Preventative Rate (oz/1000)	Curative Rate (oz/1000)
Anthracnose (foliar and basal rot) <i>Colletotricum graminicola</i> (a)	4-8	n/a
Brown patch <i>Rhizoctonia solani</i> , <i>R. zeae</i> , <i>R. cerealis</i>	2-5	6-8
Copper spot <i>Gloeocercospora sorghi</i>	3-5	6-8
Dollar spot <i>Sclerotinia homeocarpa</i> , <i>Lanzia</i> or <i>Moellerodiscus</i> spp.	2-5	6-8
Gray leaf spot <i>Pyricularia grisea</i> , <i>P. oryzae</i>	6-12	n/a
Leaf spot, melt-out <i>Helminthosporium</i> spp., <i>Dreschlera</i> spp., <i>Bipolaris</i> spp., <i>Curvularia</i> spp.	2-5	6-8
Red thread <i>Laetisaria fuciformis</i>	3-5	6-8
Snow mold, gray <i>Typhula</i> spp. (b)	6-8	6-12
Snow mold, pink <i>Fusarium nivale</i> , <i>Microdochium nivale</i> (b)	6-8	6-12
Bluegrass stem rust	3-5	6-8
Powdery mildew	2-5	6-8
Downy mildew	2-5	6-8
Fusarium blight	3-5	6-8
Fusarium patch	3-5	6-8
Dichondra leaf spot	4-6	6-8

Special Instructions:

(a) Irrigate/syringe lightly (0.1 - 0.25 inches of water) after 8-12 hours. Take care not to move material below root zone of turf in treatment area.

(b) Apply before turf has stopped all growth activity and before snow cover. If snow cover is intermittent or lacking, additional applications may be made at monthly intervals in areas of suspected or historic gray snow mold activity. In areas of predominantly pink snow mold, application should be made during the reproductive (fruiting) period of the pathogen for best results. Consult with your local extension service for this information.

Algae Control:

For the prevention of algal scum of turfgrasses caused by cyanobacteria of the genus *Lyngbia*, apply Spectro 90 WDG at a rate of 2-4 ounces per 1000 square feet on a 7 to 14 day schedule. Under severe scum conditions, use the high rate and apply on a 7 day schedule. When algae scum is well established, every attempt should be made to dry out the afflicted area. Once dry, spiking or verticutting should be done to enhance turfgrass recovery in conjunction with Spectro 90 WDG applications at the rate of 4-8 ounces per 1000 square feet on a 7 to 14 day schedule. Several applications of Spectro 90 WDG at the high rate may be necessary for turfgrass recovery. Only a preventative spray program with Spectro 90 WDG will prevent a recurrence of the algae when environmental conditions are favorable for algal growth.

HORTICULTURAL APPLICATIONS

Nursery, Greenhouse, Landscape, and Interiorscape

Annual and perennial flowers, bedding plants, foliage plants, ground covers, plus deciduous and evergreen trees and shrubs.

Apply Cleary's SPECTRO at a rate of 1.0 to 2.0 pounds per 100 gallons of water unless other directions are given in the information below. For best results use spray mixture the same day it is prepared. Spray uniformly over the area to be treated with a properly calibrated power sprayer, apply as a full coverage spray to run-off

Application should be made to plants when both foliage and flowers are dry, or nearly dry. SPECTRO can provide both curative and protective action. Use the highest recommended rate and shortest application interval under conditions of severe disease pressure. **Do not** use mistblower or high pressure (greater than 400 psi) spray equipment when making applications in greenhouses. **Do not** use this product on plants bearing fruits and other parts/structures which may be eaten.

Diseases Controlled:

1. Leaf Spots/Foliar Blights

Actinopelte leaf spot
Alternaria leaf spot, leaf blight
Anthracnose
Ascochyta blight
Bipolaris (*Helminthosporium*) leaf spot
Black spot of rose
Blumeriella spp.
Botrytis leaf spot, leaf blight
Cephalosporium leaf spot
Cercospora leaf spot
Cercosporidium leaf spot
Coccomyces spp.
Colletotrichum leaf blotch, leaf spot, blights
Corynespora leaf spot
Coryneum blight, shot-hole
Curvularia leaf spot, tan leaf spot
Cylindrosporium leaf spot
Dactylaria leaf spot
Didymellina leaf spot
Diplodia spp.
Drechslera leaf spot, ink spot
Exobasidium leaf blister

Entomosporium (*Fabraea*) leaf spot
Fusarium leaf spot
Gloeosporium black leaf spot
Marssonina leaf spot
Monilinia blossom blight, twig blight
Mycosphaerella ray blight
Myrothecium leaf spot, brown rot
Nematostoma leaf blight
Phoma spp.
Phylloticta leaf spot
Physalospora spp.
Phytophthora aerial blight
Ramularia leaf spot
Rhizoctonia web blight
Schizothyrium spp.
Septoria leaf spot
Sphaeloma spp.
Sphaeropsis leaf spot
Stagonospora leaf scorch
Taphrina leaf blister
Volutella leaf blight

2. Flower Spots/Blights

Botrytis flower spot, flower blight
Curvularia flower spot
Monilinia blossom blight

Oxylinia flower blight
Rhizopus blossom blight
Sclerotinia flower blight

3. Powdery Mildews

Erysiphe spp.
Microsphaera spp.
Phyllactinia spp.

Podosphaera spp.
Oidium spp.
Sphaerotheca spp.

4. Rusts

Gymnosporangium spp.
Puccinia spp.

Uromyces spp.

5. Scabs

Venturia spp.

6. Stem Rots/ Crown Rots

Bipolaris (Helminthosporium) spp.
Botrytis spp.
Cylindrocladium stem canker
Fusarium spp.
Gliocladium spp.

Myrothecium spp.
Ramularia spp.
Rhizoctonia spp.
Sclerotinia spp.

Ornamentals Suggested For Treatment

Note: The following listing of plants reflect the cumulative inputs from both historical field use and product testing programs. However, it is impossible to test this product on all species and cultivars. This list is provided as a general guide. A preliminary trial is suggested on a small scale before a full treatment is applied to any plant type not shown on this label but found in a similar use site with a listed disease problem Wait 5-7 days after treatment to evaluate trial results for possible phytotoxic responses. This product is not recommended for the following plants: Boston Ivy (*Plectranthus australis*), Boston Fern (*Nephtrolepis exaltata*), and Easter Cactus (*Hatiora gaertneri*).

Trees and Shrubs

Andromeda (*Pieris*) - 1
 Ash (*Fraxinus*) - 1, 3, 4, 6
 Aspen (*Populus*) - 1, 3, 6
 Azalea (*Rhododendron*) - 1, 2, 3, 6
 Buckeye, Horsechestnut (*Aesculus*) - 1, 3, 4, 6
 Cherry-Laurel (*Prunus*) - 1, 2, 3, 5, 6
 Conifers - see Special Instructions below
 Crabapple (*Malus*) - 1, 2, 3, 4, 5, 6
 Cherry, Sand (*Prunus*) - 1, 2, 3, 5, 6
 Dogwood (*Cornus*) - 1, 2, 3, 4, 5, 6
 Eucalyptus - 1, 3, 6
 Eucynimus - 1, 3, 6
 Firethorn (*Pyracantha*) - 1, 3, 5, 6
 Hawthorn (*Crataegus*) - 1, 3, 4, 5, 6
 Holly (*Ilex*) - 1, 2, 3, 6
 Lilac (*Syringa*) - 1, 2, 3, 5, 6
 Magnolia - 1, 3, 5, 6
 Maple (*Acer*) - 1, 3, 5, 6

Mountain Laurel (*Rhododendron*) - 1, 2, 3, 6
 Norfolk Island Pine - see Special Instructions below
 Oak (*Quercus*) - 1, 3, 6
 Oregon-grape (*Mahonia*) - 1, 2, 3, 4, 6
 Ornamental Almond (*Prunus*) - 1, 2, 3, 5, 6
 Ornamental Cherry (*Prunus*) - 1, 2, 3, 5, 6
 Ornamental Peach (*Prunus*) - 1, 2, 3, 5, 6
 Ornamental Plum (*Prunus*) - 1, 2, 3, 5, 6
 Ornamental Quince (*Chaenomeles*) - 1, 2, 3
 Photinia - 1, 3, 4, 6
 Poplar (*Populus*) - 1, 3, 6
 Privet (*Ligustrum*) - 1, 3, 6
 Rhododendron - 1, 2, 3, 6
 Sequoia - 1, 6
 Spirea (*Spiraea*) - 1, 3
 Sycamore, Planetree (*Platanus*) - 1, 3, 6
 Viburnum - 1, 2, 3, 4, 6
 Walnut (*Juglans*) - 1, 3, 4, 6

Ornamental Plants, Bulbs, and Ground Covers

Arabian Violet (*Exacum*) - 1, 2, 6
 Aster - 1, 2, 3, 4, 6
 Begonia - 1, 2, 3, 6
 Bleeding heart (*Dicentra*) - 1, 6
 Camellia - 1, 2, 6
 Carnation (*Dianthus*) - 1, 2, 3, 4, 6
 Chrysanthemum (*Dendranthemum*) - 1, 2, 3, 4, 6
 Crocus - 6
 Croton (*Codiaeum*) - 1, 6
 Daffodil (*Narcissus*) - 1, 2, 6
 Daisy (*Chrysanthemum*) - 1, 2, 3, 4, 6
 Geranium (*Pelargonium*) - 1, 2, 3, 4, 6

Gerbera Daisy (*Gerbera*) - 1, 2, 3, 6
 Gladiolus - 1, 2, 6
 Flame violet (*Episcia*) - 1, 6
 Gypsophila - 1, 2, 6
 Hollyhock (*Alcea*) - 1, 3, 4, 6
 Hydrangea (foliage) - 1, 2, 3, 5, 6
 Impatiens - 1, 2, 4, 6
 Iris - 1, 2, 4, 6
 Lily (*Lilium*) - 1, 2, 4, 6
 Marigold (*Tagetes*) - 1, 2, 4, 6
 Narcissus - 1, 2, 6
 Natal plum (*Carissa*) - 1, 3, 6

Pachysandra - 1, 6
 Pansy (*Viola*) - 1, 2, 3, 4, 6
 Petunia - 1, 2, 3, 4, 6
 Phlox - 1, 2, 3, 4, 6
 Poinsettia (*Euphorbia*) - 1, 2, 3, 4, 6

Rose (*Rosa*) - 1, 2, 3, 4, 6
 Sansevieria - 1, 6
 Statice (*Limonium*) - 1, 2, 4, 6
 Tulip (*Tulipa*) - 1, 2, 6
 Zinnia - 1, 2, 3, 5

Foliage Plants

Aechmea - 1, 6
Aglaonema - 1, 6
 Aluminum Plant (*Pilea*) - 1, 6
Artemisia - 1, 3, 4, 6
 Birdnest Fern (*Asplenium*) - 1, 6
Bougainvillea - 1, 6
Caladium - 1, 6
 Christmas Cactus (*Schlumbergera*) - 1, 6
 Dumbcane (*Dieffenbachia*) - 1, 6
Dracaena - 1, 6
 False Aralia (*Dizygotheca*) - 1, 6
Fatsia - 1, 6
Ficus - 1, 6
Fittonia - 1, 6
 Florida Ruffle (*Vitaria*) - 1, 6
 Hollyfern (*Polystichum*) - 1, 6
Hoya - 1, 6
 Jade plant (*Crassula*) - 1, 3, 6
 Leatherleaf Fern (*Acrostichum*) - 1

Lipstick plant (*Aeschynanthus*) - 1, 6
 Ming aralia (*Polycias*) - 1, 6
 Oyster plant (*Tradescantia*) - 1, 4, 6
 Pachysandra - 1, 6
 Palms - 1, 6
 Peacock plant (*Calathea, Kaempferia*) - 1, 2, 6
Peperomia - 1, 6
Philodendron - 1, 6
 Piggyback Plant (*Tolmeia*) - 1, 3, 6
 Pothos (*Epipremnum*) - 1, 6
 Prayer plant (*Maranta*) - 1, 4, 6
 Purple Passion Vine (*Gymnura*) - 1, 6
 Staghorn Fern (*Lycopodium*) - 1
Syngonium - 1, 4, 6
 Ti (*Cordyline*) - 1, 6
 Venus's Flytrap (*Dionaea*) - 1, 6
Yucca - 1, 3, 4, 6
 Zebra plant (*Aphelandra*) - 1, 6

Note: Do not apply SPECTRO to either green or variegated Pittosporium or to Schefflera more than once, as multiple applications have been demonstrated to cause phytotoxic responses.

Special Instructions For Conifers

Diseases Controlled

Diplodia (*Sphaeropsis*) Tip blight (b)
 Swiss needlecast (a)
 Scleroderris canker (pines)(a)
 Sirococcus tip blight(a)
 Rhizosphaera needlecast (spruces)(a)
 Scirrhia brown spot (pines)(a)
 Cyclaneusma needlecasts(b)

Lophoderium needlecasts (b)
 Rhabdocline needlecast (b)
 Botrytis seedling blight (c)
 Phoma twig blight (c)
 Phomopsis Twig Blight (b)
 Kabatina Twig Blight (b)

(a) Make first application in spring when new shoot growth is 1/2 to 2 inches in length. Make additional applications at 3-4 week intervals until conditions no longer favor disease development.

(b) Apply at budbreak and repeat at 2-3 week intervals until needles are fully elongated and conditions no longer favor disease development.

(c) Begin applications in nursery beds when seedlings are 4 inches tall and when cool, moist conditions favor disease development. Make additional applications at 7-14 day intervals as long as disease favorable conditions persist.

CHEMIGATION - Application through Irrigation Systems

Generic Requirements

1. Apply this product only through a sprinkler including center pivot, lateral move, end tow, side wheel roll, traveler, solid set, hand move, hand held or similar, flood (basin), or drip (trickle) irrigation system. Do not apply this product through any other type of irrigation system.
2. Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water.
3. If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts.
4. 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.
5. 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.

Specific Requirements

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 regularly 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 (RPZ), backflow preventer 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 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 towards the injection pump.
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 drawn 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 or equivalent, 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.

APPLICATION INSTRUCTIONS

Hand Held Irrigation

1. Remove scale, pesticide residue, and other foreign matter from the chemical tank and entire injector system. Flush with clean water.
2. Determine the treatment rate as indicated in the directions for use for crop and pathogen and measure the intended areas of application.

3. Prepare a suspension of product in the mix tank or stock bucket. Fill the tank with 1/2 or 3/4 of the desired amount of water. Start agitation and add the required amount of product to the solution along with the remaining volume of water.
4. Maintain a gentle agitation in the mix tank during application to assure a uniform suspension.
5. Greater accuracy in calibration and distribution will be achieved by injecting a larger volume of a more dilute suspension per unit time. An injection ration of 1:100 is recommended for greenhouse systems.

INSTRUCTIONS FOR SPRINKLER - (OVERHEAD) IRRIGATION

Observe the requirements in the System Requirements section above. Do not apply when wind speed favors drift beyond the area intended for treatment. Apply SPECTRO only through systems containing anti-siphon and check valves designed to prevent water source contamination or overflow of the mix tank and containing interlocking controls between the metering device and the water pump to insure simultaneous shut-off. Maintain a gentle continuous agitation in mix tank during mixing and application to assure a uniform suspension. Greater accuracy in calibration and distribution will be achieved by injecting a larger volume of a more dilute suspension per unit time. Application of more than recommended quantities of irrigation water per acre may result in decreased product performance.

Do not apply when wind speed favors drift. When system connections or fittings leak, when nozzles do not provide uniform distribution or when lines containing the product cannot be flushed and must be dismantled and drained in a center pivot system, block the nozzle set nearest the well pivot injection unit to prevent spray being applied to this area. Where sprinkler distribution patterns do not overlap sufficiently, unacceptable disease control may result. Allow sufficient time for pesticides to be flushed through all lines and all nozzles before turning off irrigation water.

SPECTRO may be applied in conjunction with chemically neutral liquid fertilizers. Application in conjunction with highly alkaline fertilizers, such as aqueous ammonia, may cause a degradation of the pesticide, resulting in reduced performance and should be avoided. Check local restrictions and requirements regarding sprinkler irrigation applications, as they may vary from state to state. Remove scale, pesticide residues, and other foreign matter from the chemical tank and entire injector system. Flush with clean water. Prepare a suspension of SPECTRO in a mix tank. Fill the tank with 1/2 to 3/4 of the desired amount of water. Start mechanical or hydraulic agitation. Slowly add the required amount of SPECTRO and then the remaining volume of water. Set sprinkler system to deliver 0.1 to 1.25 inches of water per acre. Volumes of water higher than this may reduce efficacy. Start sprinkler and then uniformly inject the suspension of SPECTRO into the irrigation water line so as to deliver the desired rate per acre. The suspension of SPECTRO should be injected with a positive displacement pump into the main line ahead of a right angle turn to insure adequate mixing.

Storage and Disposal

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

Storage: Store in a cool, dry area in original unopened container. Store in a secured area unavailable to, unauthorized persons.

Pesticide Disposal: Pesticide wastes are toxic. Improper disposal of excess pesticide, pesticide sprays 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: Completely empty bag into application equipment. Then dispose of empty in a sanitary landfill or by incineration or as allowed by State and local authorities by burning. If burned, stay out of smoke.

LIMITED WARRANTY AND DISCLAIMER

12/12

CLEARY CHEMICAL CORPORATION warrants that this material conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use, subject to the risks referred to therein. CLEARY CHEMICAL CORPORATION makes no other expressed or implied warranty of fitness or merchantability or any other expressed or implied warranty. In no case shall CLEARY CHEMICAL or seller be liable for consequential, special or indirect damages resulting from the use or handling of this product including, but not limited to, loss of profits, business reputation, or customers, labor costs, or other expenses incurred in planting or harvesting.

CLEARY CHEMICAL and seller offer this product and the buyer and user accept it subject to the foregoing conditions of sale and warranty which may be varied only by agreement in writing signed by a duly authorized representative of CLEARY CHEMICAL CORPORATION.

Net Weight: 5 pounds (2.27 kg)

Cleary Chemical Corporation, 178 Ridge Road, Suite A, Dayton, NJ 08810