

FOLIAR APPLICATION THROUGH CHEMIGATION SYSTEMS FOR THE CONTROL OF WHITE MOLD (*Sclerotinia sclerotiorum*) AND BLACK DOT (*Colletotrichum coccodes*) DISEASE REDUCTION IN POTATOES

**SUPPLEMENTAL LABELING
FOR DISTRIBUTION AND USE ONLY WITHIN THE STATE OF OREGON
(East of the Cascade Mountain Range)**

This label valid until December 31, 2010 or until otherwise amended, withdrawn, cancelled or suspended.

BLOCKER™ 4F
EPA REG. NO. 5481-472
EPA SLN NO. OR-030015

ACTIVE INGREDIENT:	
Pentachloronitrobenzene (PCNB).....	38.3%
INERT INGREDIENTS:	61.7%
	TOTAL
	100.0%

Contains 4 lbs. of PCNB per gallon

KEEP OUT OF REACH OF CHILDREN
CAUTION

Follow all applicable directions, restrictions, Worker Protection Standard requirements, and precautions on the EPA registered label.

**This labeling and the main label
must be in the possession of the user at the time of pesticide application.**

ENVIRONMENTAL HAZARDS

Do not contaminate water when disposing of equipment washwaters. This product is toxic to fish. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not apply where run-off is likely to occur. Apply this product only as specified on this label. Do not apply directly adjacent to potable water supplies.

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 through any type of irrigation system other than described in this label. Thoroughly mix product in original container prior to use. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR, part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval (REI). 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 workers into treated areas during the restricted-entry interval of 12 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 is:

- Coveralls
- Chemical-resistant gloves such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride or Viton
- Shoes plus socks

USE PRECAUTIONS

If you do not have experience using this product for any plant species not listed on this label, it is recommended that you first use the product on a limited number of plants on a trial basis. This product cannot be mixed with any product containing a label restriction against such mixing. Do not tank mix with other chemicals unless prior use has proven they are compatible.

DIRECTIONS FOR FOLIAR APPLICATIONS MADE 28 OR MORE DAYS BEFORE HARVEST

TANK MIXES

BLOCKER 4F should be tank mixed with other fungicides registered for use on potatoes to enhance and/or extend control of white mold. Apply 3 to 5 pints of BLOCKER 4F per application per acre through chemigation systems in combination (tank-mixed) with any other compatible product labeled for use on potatoes 28 or more days to harvest.

CROP	DISEASE	FOLIAR RATE PER ACRE OF BLOCKER 4F	DIRECTIONS
Potatoes	<p style="text-align: center;">White Mold (<i>Sclerotinia sclerotiorum</i>)</p> <p style="text-align: center;">Black Dot (<i>Colletotrichum coccodes</i>)</p>	<p>3 to 5 pints per acre</p> <p>(1 pint Blocker 4F = 0.5 pounds PCNB)</p>	<p>For foliar use apply BLOCKER 4F at the first sign of disease or no later than just prior to or after row closure through sprinkler irrigation equipment in 0.1 to 0.3 inches of water. If disease persists, a second application may be made 10 days or more later and no later than 28 days before harvest. Thorough coverage of the foliage is essential.</p> <p>RESTRICTIONS:</p> <ul style="list-style-type: none"> • Do not apply by air. • Do not apply within 28 days of harvest. • Foliar applications of BLOCKER 4F cannot be made if BLOCKER or other PCNB products were used in furrow at planting • Do not exceed a total of 10 pints of Blocker 4F (5 lbs PCNB) per acre per season when the active ingredient PCNB is applied 28 or more days before harvest. • A maximum of 2 foliar applications of PCNB (BLOCKER 4F) may be made per acre per year. • Do not plant root crops in PCNB (BLOCKER 4F) treated potato fields within 12 months of application unless PCNB is registered for use on those crops.

APPLICATION THROUGH SPRINKLER IRRIGATION EQUIPMENT

Apply BLOCKER 4F only through overhead sprinklers, including center pivot, solid set or portable (wheel move) 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, you should contact State Extension Specialists, equipment manufacturers, or other experts.

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. 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.

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 the 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 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.

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. Spray mixture in the chemical supply tank must be agitated at all times, otherwise settling and uneven application may occur. Do not apply when wind speed favors drift beyond the area intended for treatment.

CALIBRATION AND APPLICATION TECHNIQUES

Center Pivot Irrigation Equipment: Operate system and injection equipment at normal pressures recommended by the manufacturer of injection equipment used. Fill tank of injection equipment with water. Operate system for one complete cycle, measuring the time required, amount of water injected and acreage contained in cycle. Mix recommended amount of BLOCKER 4F for acreage to be covered into the same amount of water used during calibration and inject into system continuously for one revolution. Shut off injection equipment after one revolution, but continue to operate irrigation system until BLOCKER 4F has been cleared from the last sprinkler head.

Solid-Set And Portable (Wheel Move) Irrigation Equipment - Determine acreage covered by sprinkler. Fill tank of injection equipment with water and adjust flow to use contents over 10-30 minute period. Mix desired amount of BLOCKER 4F for acreage to be covered into quantity of water used during calibration and operate entire system at normal pressures recommended by the manufacturer of injection equipment used for amount of time established during calibration. BLOCKER 4F should be injected at the end of the irrigation cycle or as a separate application. Stop injection equipment after treatment is complete and continue to operate irrigation system until BLOCKER 4F has been cleared from the last sprinkler head.

Do not run irrigation system without safety valves or other devices to prevent back siphoning of BLOCKER 4F into water source. Irrigation water treated with BLOCKER 4F should be maintained on the treated area until the water is absorbed into the soil. The tank containing BLOCKER 4F should be connected to the suction side of the irrigation pump or other pressurized equipment attached to the irrigation line. Agitation of the diluted BLOCKER 4F in the chemical source (or slurry) tank should be maintained during the entire application period.

IMPORTANT OREGON STATE INFORMATION:

To protect endangered aquatic species, use one of the following options when applying Blocker 4F through sprinkler irrigation equipment:

1. Apply only when there is sustained wind away from fish-bearing waters, or
2. Leave a 50 foot untreated buffer between treatment area and fish-bearing waters.

To protect endangered aquatic species, use one of the following options when applying Blocker 4F through ground equipment:

1. Apply only when there is sustained wind away from fish-bearing waters,
2. Leave a 25 foot untreated buffer between treatment area and fish-bearing waters, or
3. Use low-pressure nozzles according to manufacturer's specifications that produce only coarse or very coarse droplets.

This pesticide is toxic to fish. BLOCKER 4F Flowable Soil Fungicide should not be used under this SLN label where impact on listed threatened or endangered species is likely. You may refer to the Oregon Department of Agriculture web site, <http://oda.state.or.us/pesticide/lawsregs/buffers.html>, or contact the Oregon Department of Fish & Wildlife, National Marine Fisheries Service (NOAA Fisheries) or U.S. Fish & Wildlife Service for information regarding aquatic

species listed as threatened or endangered. Consult the federal label for additional restrictions and precautions to protect aquatic organisms.

IMPORTANT: Read the entire Directions for Use and the Conditions of Sale and Limitation of Warranty and Liability before using this product.

24(C) Registrant:

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