

SUPPLEMENTAL LABELING
FOR DISTRIBUTION AND USE ONLY WITHIN THE STATE OF WASHINGTON

BLOCKER[®] 4F
EPA REG. NO. 5481-472
EPA SLN NO. WA-030014

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. This label must be in possession of the user at the time of pesticide application. **Follow all applicable directions, restrictions, Worker Protection Standard requirements, and precautions on the EPA registered label.** This product may be applied through irrigation systems. Do not apply this product through any type of irrigation system other than described on this label.

USE RATES AND APPLICATION DIRECTIONS

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, and for the suppression or extended control of black dot. Apply 3 to 5 pints of BLOCKER 4F per foliar application per acre through chemigation systems in combination (tank-mixed) with any other compatible product labeled for use on potatoes 28 or more days before harvest.

DIRECTIONS FOR FOLIAR APPLICATIONS MADE 28 DAYS OR MORE BEFORE HARVEST

CROP	DISEASE	FOLIAR RATE PER ACRE OF BLOCKER 4F	DIRECTIONS FOR FOLIAR APPLICATION
Potatoes	White Mold <i>(Sclerotinia sclerotiorum)</i> Black Dot <i>(Colletotrichum coccodes)</i>	3 to 5 pints per acre (1 pint Blocker 4F = 0.5 pounds PCNB)	<p><u>FOLIAR RATE:</u> 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 or more days later and no later than 28 days before harvest. Thorough coverage of the foliage is essential.</p> <p><u>RESTRICTIONS:</u></p> <ul style="list-style-type: none"> • Do not apply by air. • Do not apply within 28 days of harvest. • Foliar application 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. <p>(continued on page 2)</p>

CROP	DISEASE	FOLIAR RATE PER ACRE OF BLOCKER 4F	DIRECTIONS
Potatoes	White Mold (<i>Sclerotinia sclerotiorum</i>) Black Dot (<i>Colletotrichum coccodes</i>)	3 to 5 pints per acre (1 pint Blocker 4F = 0.5 pounds PCNB)	RESTRICTIONS (continued): <ul style="list-style-type: none"> If PCNB was not applied in-furrow, then 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 6 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 WASHINGTON 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 WSDA Endangered Species Program website at <http://agr.wa.gov/PestFert/EnvResources/EndangSpecies.htm>, or contact the Washington 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.

WSDA Chemigation Guidance:

- Application off-site is prohibited. The chemigation application must be continuously observed whenever sensitive areas as defined in WAC 16-202-1002(44) (including but not limited to schools, parks, dwellings, occupied buildings or structures, public roadways, and waters of the state) are at risk of being exposed to drift, runoff, or overspray. In order to minimize the potential for application off-site, WSDA recommends that the product only be applied through low pressure irrigation systems (defined as 2 to 35 pounds/square inch) with a nozzle release height no higher than 3 feet above the target crop, and that end guns be disabled throughout the application.
- An inspection port or a direct access point is required, and it must be positioned immediately upstream of the irrigation mainline check valve and be of sufficient size to allow visual and manual inspection of the check valve and low pressure drain. The inspection port or access point must have a minimum diameter of four inches, if feasible (WAC 16-202-1012[1]).
- The chemigation application tank cannot be placed within 20 feet of the wellhead or other sensitive areas. Mixing or loading activities cannot occur within 20 feet of the wellhead or other sensitive areas (WAC 16-202-1008[1]).
- WSDA Chemigation Rules (WAC 16-202-1001 through WAC 16-202-1024), and information on USEPA Authorized Alternative Chemigation Safety Equipment, Distribution Uniformity and other chemigation topics are available on the WSDA website (<http://agr.wa.gov/PestFert/ChemFert/default.htm>).

WSDA Container Disposal Guidance: Pesticide containers must be properly cleaned prior to disposal. The best time to clean empty pesticide containers is during mixing and loading, because residue can be difficult to remove after it dries. Triple rinse (or pressure rinse) the pesticide container, empty all pesticide rinse water into the spray tank, and apply to a labeled crop or site. Recycling cleaned containers is the best method of container disposal. Information regarding the recycling of empty and cleaned plastic pesticide containers in Washington is available on the WSDA Waste Pesticide Program web site at <http://agr.wa.gov/PestFert/Pesticides/WastePesticide.htm>. Cleaned containers may also be disposed of in a sanitary landfill, if permitted by the county. Burning is not a legal method of container disposal in Washington.

This label for BLOCKER 4F expires and must not be distributed or used in accordance with this SLN registration after December 31, 2010.

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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