CHERRIES (WESTERN U.S.) - BROWN ROT BLOSSOM BLIGHT, BROWN ROT AND LEAF SPOT

General Information

USE INFORMATION

CAPTAN 4L is an aqueous suspension for use in water as a spray for the control of listed fungal diseases of fruit. THIS FORMULATION IS NOT SUITABLE FOR USE AS A SEED PROTECTANT. Read all precautions and directions for use before using. Use only for claims listed and only as specified on this label. Observe use limitations given on the label for specific crops.

In order that pesticide residues on food and forage crops will not exceed Federal tolerances, use only at labeled rates and intervals, and do not apply closer to harvest than specified. Do not apply or allow to drift onto adjoining food, fiber or pasture crops. Drift of captan onto sensitive crops (e.g. D’Anjou pears) can cause severe phytotoxicity and crop loss.

Consult State Agricultural Experiment Stations or the State Agricultural Extension Service for additional information, as the time of applications needed will vary with local conditions.

COMPATIBILITY AND PLANT SAFETY: This product can be combined safely and effectively at labeled dosage rates with most commonly used fungicides and insecticides, with the exception of oil and strongly alkaline materials. Alkaline materials such as spray lime, limesulfur and Bordeaux mixture will reduce the fungicidal activity of this product. Do not apply this product in combination with or immediately before or closely following oil sprays. The time factor governing the safe interval between this product and oil sprays varies due to general climatic conditions; therefore, consult local agricultural spray programs and authorities to determine the proper timing. The use of spreaders which cause excessive wetting is not advised. Combinations with solvent formulations of organic phosphates should not be used. Combinations of this product and sulfur should not be used on crops sensitive to sulfur. Observe the most restrictive of the labeling limitations and precautions of all products used in mixtures.
Used at high rates or in drenching sprays, this product may cause necrotic spotting of tender, immature leaves of certain varieties of Apples, Cherries, Peaches and Plums. This type of injury is most likely to occur in the early cover sprays during long periods of warm, cloudy, humid weather. To avoid the hazard of leaf spotting under such conditions, use this product and other spray materials at lowest labeled rates and avoid drenching trees.

APPLICATION INFORMATION

Applications can be made by aircraft or ground power equipment (including concentrate and semi-concentrate equipment). Pour labeled amount of this product into nearly filled spray tank. Add balance of water. Maintain agitation during filling and spraying operations. Do not allow mixture to stand. Do not combine with emulsifiable liquids or wettable powders unless previous experience has proven them to be physically compatible and safe to plants. (Read “COMPATIBILITY AND PLANT SAFETY” information.) Apply aerial or concentrate sprays in sufficient water for coverage. Do not apply this product through any type of irrigation system.

USE PRECAUTIONS

Except as specified, begin applications before or at first sign of disease and repeat as needed to maintain control, but observe use limitations. Unless otherwise specified, application can be made on the day of harvest. Maximum application is for a crop cycle. Crop cycle is defined as pre-bloom through postharvest.

Apply the higher rate and/or spray at shorter intervals when climatic conditions most favor disease(s). Apply the lower rate and/or spray at larger intervals when climatic conditions least favor disease(s). If you are unaware of the climatic conditions favorable for disease(s) claimed for the specific use sites, you must consult with your State Agricultural Extension Service to learn of these conditions.

IMPORTANT: Read label carefully. Although most of the directions on this label may be followed nationwide, a few are limited to either the Eastern U.S. (states east of the Rocky Mountains) or Western U.S. Follow those directions for your growing area where specified.

RESISTANCE MANAGEMENT

This product is a Group M* fungicide. Fungal isolates with acquired resistance to
Group M fungicide may eventually dominate the fungal population if Group M fungicides are used repeatedly in the same field or in successive years as the primary method of control for targeted species. This may result in partial or total loss of control of those species by this product or other Group M fungicides.

To delay fungicide resistance, consider:
- Avoiding consecutive use of this product or other target site of action Group M fungicides that have a similar target site of action on the same pathogens.
- Using tank mixtures or premixes with fungicides from different target site of action Groups as long as the involved products are all registered for the same use and are both effective at the mix or prepack rate on the pathogens(s) of concern.
- Basing fungicide use on a comprehensive IPM program.
- Monitoring treated fungal populations for loss of field efficacy.
- Contacting your local extension specialist, certified crop advisors, and/or manufacturer for fungicide resistance management and/or IPM recommendations for specific crops and resistant pathogens.

* The multi-site activity grouping, designated by the symbol “M”, comprises a collection of various chemicals that act as general toxophores with several sites of action. These sites may differ between group members.

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. 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.

SPRAY DRIFT MANAGEMENT
Avoiding spray drift at application site is the responsibility of the applicator. The interaction of many equipment-and-weather-related factors determine the potential for spray drift. The applicator and the grower are responsible for considering all these factors when making decisions. Apply only as a medium or coarser spray (ASAE standard 572) or a volume mean diameter of 300 microns or greater for spinning atomizer nozzles. Apply only when the wind speed is 2 to 10 mph at the application site.

Additional Requirements for Aerial Applications:

The boom length must not exceed 75% of the wingspan or 90% of the rotor blade diameter. Release spray at the lowest height consistent with efficacy and flight safety. Do not release spray at a height greater than 10 feet above the crop canopy. When applications are made with a crosswind, the swath will be displaced downwind. The applicator must compensate for this displacement at the downwind edge of the application area by adjusting the path of the aircraft upwind.

Do not make applications into temperature inversions.

Additional Requirements for Ground Boom Application:

Do not apply with a nozzle height greater than 4 feet above the crop canopy.

Limitations, Restrictions, and Exceptions

SPECIFIC DIRECTIONS:

Apply in sufficient water by ground or by air in prebloom, bloom, petal fall, shuck, cover and preharvest sprays.

Note (All Cherries):

Do not apply more than 2 quarts of this product (2 lbs. a.i.) per acre per application.
Do not apply more than 14 quarts of this product (14 lbs. a.i.) per acre per season from prebloom through postharvest. May be applied up to day of harvest.

Method

Broadcast/Foliar Air
Broadcast/Foliar Ground
Rates
field_rates 0

Restricted Entry Interval

24 hours

Timings
At prebloom, bloom, petal fall, shuck and preharvest sprays.