

CUCURBITS - VINE DECLINE SUPPRESSION AND CHARCOAL ROT CONTROL

General Information

PRODUCT INFORMATION

Shake well before using.

Apply Incognito 4.5 F with ground or aerial equipment using sufficient volume of spray to provide thorough coverage. Add required amount of Incognito 4.5 F to partially filled tank agitated 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 highly alkaline pesticides such as Bordeaux mixture or lime sulfur. No claim of compatibility with other pesticides is implied. Use the higher rate under conditions of severe disease pressure. Also see local State Extension Service instructions for application schedules.

Use the fl oz/acre rate for concentrate sprayers (less than 400 gallons on apples, less than 300 gallons on stone fruit). Use the fl oz/100 gal rate for dilute ground application.

For aerial applications, use a minimum of 5 gal/acre for row crops; use a minimum of 10 gal/acre for tree crops. For ground applications, use a minimum of 20 gal/acre for row crops and 30 gal/acre for tree crops. Higher spray volume will result in better coverage and better disease control.

Chemigation instructions follow RESISTANCE MANAGEMENT. Do not apply through any irrigation system unless these instructions are followed.

In California, chemigation is only allowed for the following crops: beans, cucurbits (cantaloupe, casaba, cucumbers, melons, pumpkins, squash, and watermelons), peanuts, soybeans, strawberries, and sugar beets.

When an adjuvant is to be used with this product, Makhteshim Agan of North America, Inc. suggests the use of a Chemical Producers and Distributors Association certified adjuvant.

RESISTANCE MANAGEMENT

To avoid the development of tolerant or resistant strains of fungi, tank mix Incognito 4.5 F with a fungicide of different chemistry and/or alternate a fungicide of different chemistry with Incognito 4.5 F at each application. DO NOT USE PRODUCTS CONTAINING THIABENDAZOLE OR OTHER PRODUCTS CONTAINING THIOPHANATE-METHYL IN COMBINATION OR IN ROTATION WITH INCOGNITO 4.5 F. If after using Incognito 4.5 F as directed and the treatment is not effective, a tolerant or resistant strain of fungi may be present. Discontinue the use of Incognito 4.5 F for at least one season. Do not use products containing thiabendazole as substitutes for Incognito 4.5 F, as they are of similar chemistry and will contribute to the development of resistance. As long as these precautions are followed, Incognito 4.5 F can be useful for disease control even if resistant strains are present.

INSTRUCTIONS FOR SPRINKLER (OVERHEAD) IRRIGATION, DRIP (TRICKLE) 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 Incognito 4.5 F only through systems containing anti-syphon 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 ensure simultaneous shutoff.

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 large volume of a more dilute suspension per unit time.

Application of more than the specified quantities of irrigation water per acre can 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 pesticide to be flushed through all lines and all nozzles before turning off irrigation water.

Apply Incognito 4.5 F in conjunction with chemically neutral liquid fertilizers. Avoid application in conjunction with highly alkaline fertilizers such as aqueous ammonia, as degradation of the pesticide could result in reduced performance.

Sprinkler-distributed patterns that do not overlap sufficiently result in unacceptable disease control.

Check local restrictions and requirements regarding sprinkler irrigation applications, as they may vary from state to state.

APPLICATION INSTRUCTIONS

Sprinkler Irrigation-Notes

Observe all SYSTEM REQUIREMENTS and APPLICATION INSTRUCTIONS. Set sprinkler system to deliver 0.4 inch of water per acre. Volumes of water higher than this could reduce efficacy. Start sprinkler and then uniformly inject the suspension of Incognito 4.5 F into the irrigation waterline so as to deliver the desired rate per acre. Inject the suspension of Incognito 4.5 F with a positive displacement pump into the main line ahead of a right angle to ensure adequate mixing.

NOTE: When treatment with Incognito 4.5 F has been completed, do not irrigate the treated area for 24 to 48 hours to prevent washing the chemical off the crop.

Drip (Mini-Micro Sprinklers, Strip Tubing, Trickle) Irrigation-Notes

Observe all SYSTEM REQUIREMENTS and APPLICATION INSTRUCTIONS.

Preharvest Interval (PHI)

The required days between last application and harvest are given in the REMARKS section for each crop.

Limitations, Restrictions, and Exceptions

CUCURBITS

REMARKS

Apply through buried drip irrigation (chemigation) to the root zone. For disease suppression, apply at 14-day intervals beginning at emergence and continuing to harvest. Applications weekly or biweekly beginning 4-6 weeks prior to harvest will also offer suppression but may not be as effective as a season-long program.

- Do not apply more than 60 fl oz product (2 lbs a.i.) per acre per season from any combination of application timings.
- Incognito 4.5 F can be tank mixed with mancozeb or chlorothalonil for additional disease control and resistance management.
- Follow resistance management guidelines under DIRECTIONS FOR USE.

Method

[Drip Irrigation](#)

Pre-Harvest Interval

1 day

Rates

[field rates 0](#)

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Restricted Entry Interval

1 day

Exemption: If the product is applied by drenching, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated areas if there will be no contact with anything that has been treated.

Timings

At emergence and continuing to harvest.