

BIO-FUNGICIDE FOR POST-HARVEST TREATMENT OF AVOCADO FRUITS FOR CONTROL OF ATHRACNOSE, STEM-END-ROT AND PEPPER SPOT IN THE PACK HOUSE

GENERAL INFORMATION:

ECOFREE® is a bio-fungicide with multiple-site mode of action for control multiple types of fungal diseases such as powdery mildew, sour rot, and Botrytis cinerea amongst others. Optimum disease control is achieved when the bio-fungicide is used according to label directions and applied in a regularly scheduled preventative spray program.

APPLICATION RATES:

CROP	DISEASE	APPLICATION METHOD	DOSAGE/ 100L Water	APPLICATION DIRECTIONS
Avocado	Anthracnose (<i>Colletotrichum gloeosporioides</i>)	Dip Treatment	400 – 600 ml	Treat fruit as soon as possible after harvesting, preferably within 12 hours after harvesting. Before dip treatment with ECOFREE® solution, fruit should be thoroughly rinsed and surface sanitized with a registered disinfectant in accordance with standard packhouse procedures. Ensure thorough mixing and agitation of ECOFREE® solution before dip treatment. Submerge the Avocado fruits for 1 minute and allow to dry before packing and storage. ECOFREE® solution of 100 litres should treat 2 tonnes of fruit.
	Pepper Spot (<i>Colletotrichum gloeosporioides</i>)			
	Stem End Rot (<i>Thyronectria pseudotrichia</i> , <i>Colletotrichum gloeosporioides</i> , <i>Phomopsis perseae</i> , <i>Dothiorella aromatica</i> , <i>Lasiodiplodia theobromae</i> and <i>Furarium spp</i>)	Spray-on Treatment	4.0 – 6.0 l	Prepare the spray-on solution using an appropriate volume of water for the amount of fruit to be treated. Ensure packhouse application equipment is properly calibrated for accurate product deposition onto the fruit. Apply at pressure of 3 bars. Fruit should be sprayed for 30-45 seconds to ensure thorough coverage on the fruit surface. Maintain agitation of the spray solution throughout the spraying process to avoid product settling out of the solution. ECOFREE® solution of 100 litres should treat 50 tonnes of fruit.

Contact Pivotal Agro-Services for further information.

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