

X3 GENERAL SANITATION

To Treat	Rate Fl.oz. / 10 gallons	Directions	Application Frequency	Direct Injection
Pots, Flats, Trays	1	Remove all plant debris. Wet and cover all surfaces. Allow solution to be in contact with all surfaces for 10 minutes.	As needed	1:1,500
	8 1/2	For surfaces that have not been pre-cleaned.		1:150
Greenhouse Structures	1	Wet and cover all surfaces. Allow 10 minutes exposure to solution. Let air dry.	As needed	1:1,500
	5	For surfaces with organic deposits that have not been pre-cleaned.		1:250
Benches, Work Areas and Walkways	1	Use a power sprayer to wash all surfaces to remove loose dirt.	As needed	1:1,500
	8 1/2	For surfaces that have not been pre-cleaned.		1:150
Cutting Tools	1 1/4 to 4 1/4	Soak tools to ensure complete coverage.	As needed	1:1,000 to 1:300
Evaporative Pads	1/2	Treat re-circulating water weekly to keep pads clean.	As needed	1:2,500
	2 1/2	Use this rate to clean pads.		1:500
Foot Mats	1/4 per gallon	Fill foot mat to capacity.	Daily	1:500

X3 WATER TREATMENT

Application	Rate Fl.oz. / 1,000 gallons	Directions	Application Frequency	Direct Injection
Flooded floors and benches Recycled water systems Capillary mats	51	Water contaminated with algae and other biological matter. Remove nozzles/drippers to avoid clogging, when necessary.	Continual or Periodic	1:2,500
	3	To treat clean water.		1:50,000

A Water Test and X3 Test Kit is suggested.

X3 MIST PROPAGATION

Application	Rate Fl.oz. / 1,000 gallons	Directions	Application Frequency	Direct Injection
Curative	26	Inject directly into misting system.	4 to 10 consecutive days	1:5,000
Preventative	5	Inject directly into misting system. At first sign of disease, decrease dilution to 1:5,000.	Continuous application throughout the propagation cycle	1:25,000

X3 DRENCH APPLICATION

Application	Rate Fl.oz. / 10 gallons	Directions	Application Frequency	Direct Injection
Curative	2 1/2	Use a drench at the time of seeding or transplanting, as a pre-plant treatment and periodically throughout the crop cycle. Apply sufficient to saturate the growing media. Wait 15 minutes before planting, transplanting or watering.	1 to 3 consecutive applications	1:500
Preventative	1/2		Weekly	1:2,500

X3 FOLIAR SPRAY

Application	Rate Fl.oz. / 10 gallons	Directions	Application Frequency	Direct Injection
Pot crops Bedding plants Nursery crops	Curative	Good coverage and wetting are necessary for optimal efficacy. Make a fresh solution for each application.	1 to 3 consecutive days	1:500
	Preventative		Weekly	1:1,500
Plugs and Cuttings	1/2 to 1	Spray plugs before algae forms. Spray cuttings at first sticking.	Weekly	1:2,500 1:1,500
Cut Flowers	1/2	After grading and prior to storage or shipment.	Repeat weekly for flowers in storage.	1:2,500
Bareroot nursery stock	2 1/2	Dip plants or spray to drip.	Repeat weekly if necessary	1:500