

PATH-X™

Agricultural Disinfectant

A broad spectrum sanitation & water treatment solution for use in agriculture and horticulture as specified in the directions for use table.

Path-X™ Agricultural Disinfectant is a revolutionary new concept in pathogen control, utilising a patented Quaternary Ammonium Compound. It can be a valuable tool in a variety of situations. Path-X™ Agricultural Disinfectant is registered for use as a foliar spray on flower crops to control disease organisms and to manage pathogens in irrigation water (non-food crops only).

KEY PERFORMANCE

- A broad-spectrum sanitation and water treatment solution.
- Cleans and sanitises in a single operation.
- Does not oxidise as long as it remains in solution.
- Effective over a wide pH range.
- Leaves no unwanted residues on the leaf surface.
- Effective against a range of fungi and bacterial pathogens.

ACTIVE CONSTITUENT

120 g/L didecyldimethyl-ammonium chloride

PRODUCT CODE: PX

SIZES: 1L, 5 L, 20 L, 200 L, 1000 L

ACO Certification: Australian Certified Organic (ACO)
Registered Farm Input 456AI (Restricted).

APVMA Approval Number: 53331



DIRECTIONS FOR USE

General disinfection of growing medium (inert or non-organic), equipment (such as pruning shears & ploughs) and footbaths.

100 mL/10 L water (1% solution)

Keep wet for over 10 minutes for best results.

General disinfection of cold rooms, packing sheds, tunnels, seed trays & other hard surfaces:

100 mL/10 L water (1% solution)

First remove all organic matter from surfaces and keep wet with Path-X™ Agricultural Disinfectant solution for over 10 mins for best results.

Disinfection of irrigation water (non-food crops only):

5 – 20 mL/1000 L water for continuous dosing

When dosing for the first few times, the dirt/algae/organic matter will be discharged and may clog drippers, spitters or sprinklers. Therefore, rinse your irrigation pipes frequently. The cleaner the irrigation water to be treated, the better the result. May be used in fertigation water. Do not apply directly via fertiliser tank.

Plant Sanitation — Carnations, Chrysanthemums & Cut Flowers:

100 mL/100 L water

Growers are advised to check for varietal differences by first treating a small sample. Apply to foliage with first application after transplanting or 6 weeks after planting seed. Apply at 7 day intervals.

Plant Sanitation — Roses in green/shade houses:

50 mL/100 L water

Growers are advised to check for varietal differences by first treating a small sample. Apply to foliage at 10 – 14 day intervals.

Post-harvest treatment of Cut Flowers in containers:

15 mL/10 L water

The stock solution may be used for up to 7 – 10 days if kept clean. Do not keep cut flowers in stock solution for longer than 48 hours.

ACO RESTRICTED

May be used on non-food contact surfaces. Prohibited for use on food contact surfaces, except for specific equipment where alternative sanitisers significantly increase equipment corrosion, and if used must be followed by detergent cleaning and rinsing. Must show no detectable residue prior to the start of organic processing, (page 110, Annex IV of the AOS-Ammonium sanitiser products).

GENERAL INSTRUCTIONS

- Effective against a range of fungi and bacteria pathogens.
- Stays active as long as it is in solution (does not oxidise).
- Under heavy agitation, foam may form and a defoaming agent (food grade) may be useful.
- Path-X™ Agricultural Disinfectant has wetting characteristics, so a wetting agent does not need to be added.

APPLICATION

For foliar application as a plant sanitiser for flowers, good coverage is essential. Ensure that both upper and lower leaf surfaces are covered. Spray to runoff with standard spray application equipment.

COMPATIBILITY

Path-X™ Agricultural Disinfectant may be used with fertigated water. Do not apply directly via fertiliser tank. Path-X™ Agricultural Disinfectant is compatible with a range of fungicides commonly used in horticultural production. Further information is available from Nutri-Tech Solutions.

PROTECTION OF LIVESTOCK, FISH, CRUSTACEANS & ENVIRONMENT

Do not contaminate streams, rivers or waterways with the chemical or used containers.

STORAGE AND DISPOSAL

Store in the closed original container in a cool dry place out of the reach of children. Do not store in direct sunlight. Triple rinse or preferably pressure rinse containers before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemicals on-site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush or puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

YOUR LOCAL NTS DISTRIBUTOR:

*Disclaimer: Rates are dependent on biomass and water rates and should be used as a guide only. Application rates and frequencies should be adjusted according to crop monitoring and demand. Where higher water rates are required for good foliar coverage, do not exceed maximum product rate per hectare as listed on label. Sensitive plants, or foliage/fruit easily susceptible to staining, should be test sprayed prior to full scale application. Ensure suitable spray conditions (e.g. temperature, humidity, wind-speed), prior to foliar application. Compatibility and/or performance cannot be guaranteed when combined with other products. Jar test for compatibility and spray test on small area before wide-spread use. Refer to product label or PIS for alternate application rates.

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