

Path-X™



Sometimes in biological agriculture it is necessary to "clear the decks" before repopulation with beneficials.

Path-X™ 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™ 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).

Benefits

- Biological Farmers of Australia (BFA) Registered Product 456AI (Restricted).
- A broad-spectrum sanitation and water treatment solution.
- Cleans and sanitises in a single operation.
- Does not oxidise as long as it remain 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.

APVMA Approval Number: 53331



PACKAGING

1 L, 5 L, 20 L, 200 L, 1000 L
Product Code: PX



Path-X™



Application Rates

Withholding Period: NOT REQUIRED WHEN USED AS DIRECTED.

(Also refer to the label)

When to Recommend:

RESTRAINTS: *USE ON PLANT MATERIALS*: Path-X™ is not a single means of controlling infection. It is not intended to replace the use of fungicides. Path-X™ is compatible with most fungicides and use should be incorporated into a normal spray program.

Typical Analysis w/v

Active Constituent:
..... 120 g/L Didecyldimethyl-ammonium chloride

pH: 6.8 – 7.8

Conductivity: 11.76 mS/cm

Solubility: 100 %

Appearance: Clear colourless liquid

Miscellaneous

- Path-X™ is a powerful tool that should only be used in accordance with the label.
- Storage: A cool, dry place away from direct sunlight.

First Aid & Safety

Corrosive causes burns. Avoid contact to eyes and skin. Dangerous to the environment. When handling wear impervious gloves and eye protection. Keep locked up and out of reach of children. Very toxic to aquatic organisms. Avoid release to the environment. Refer to MSDS (Material Safety Data Sheet)

First Aid: For advice contact a Poisons Information Centre or your local doctor. Ph: Australia on 131 126, Ph: New Zealand on 0800 764 766 or Ph: +613 9573 3112 (worldwide). If swallowed DO NOT induce vomiting. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. In case of accident or feeling unwell, seek medical advice immediately (show the label where possible). If skin and hair contact occurs, remove contaminated clothing and flush skin and hair with copious amounts of water. UN No. 1760

BFA Restricted

Path-X 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).

SITUATION	RATE	CRITICAL COMMENTS
General disinfection of growing medium (inert or non-organic), equipment (such as pruning shears & ploughs), footbaths & hands.	100 mL/10 L water (1% solution)	Keep wet for over 10 minutes for best results.
Disinfection of irrigation water (non food crops only).	5 – 20 mL/1000L 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 and 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) and 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.

Disclaimer: Any recommendations provided by Nutri-Tech Solutions Pty Ltd (NTS) or its Distributors are advice only. As no control can be exercised over storage, handling, mixing application or use, or weather, plant or soil conditions before, during or after application (all of which may affect the performance of our program), no responsibility for, or liability for any failure in performance, losses, damages, or injuries (consequential or otherwise), arising from such storage, mixing, application, or use will be accepted under any circumstances whatsoever. NTS recommend you contact an Agronomist prior to product application. The buyer assumes all responsibility for the use of any NTS products.



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