



# Technical Information Sheet

## AmendMAX pHantom Water Treatment

*Mineral deposit cleaner & irrigation acidifier*

**Active ingredients:** 1000g/L monocarbamide dihydrogensulfate

**Pack size:** 20L, 200L, 1000L

A multi-purpose irrigation aide intended as a one-time system flush for irrigation systems fouled by mineral deposits caused by hard water, and as an acidifying agent for high pH water.

### Irrigation System Flush

pHantom can be used as a one time system flush for irrigation systems fouled by mineral deposits caused by hard water. Rates vary for each situation so consult your Nuturf Territory Manager or supplier for appropriate dosage for your system.

### Irrigation Water Treatment

pHantom is suitable to treat water from a variety of sources including bore water, effluent water river and lake water. The required application rate will be determined from irrigation water analysis; however, the usual application rate will range from 100-200L per megalitre of irrigation water. It is recommended that pHantom be dosed through a chemical injection system.



### Guaranteed contents

Nitrogen (N): 15 w/w (225 g/L)

Sulphur (S): 40 w/w (600 g/L)

### pHantom Water Treatment Uses:

- Water and soil acidifier
- Unblocks irrigation tubes and irrigation systems
- It neutralizes the irrigation water bicarbonates, as well as lowering its pH, thus permitting greater nutrient-absorption by the plants and greater fertilisation effectiveness.

It also improves the soil structure, removing sodium from the horizontal surfaces and reducing electrical conductivity, thus encouraging better root growth.

### Dosage

pHantom water treatment should be applied with each irrigation.

### Dosage with automatic pH controllers:

Adjust the nutrient solution to a pH of between 5 and 6. The automatic controller will determine the dosage of pHantom Water Treatment, which depends on the bicarbonate level in the irrigation water and its pH.



# AmendMAX pHantom

## Manual control dosage through an injector:

In general of 25-30 mL of pHantom per m<sup>3</sup> of water. Each liter of pHantom supplies 225 gm of nitrogen and 600 gm of S03, which must be taken into account in the fertilisation.

## As a drip linecleaner:

Shock treatment is recommended by bringing the water pH level to 3-4 for a minimum period of 3 hours. This requires 10-20 L/Ha, depending on the water and amount of inline build up.

## Compatibility:

Do not mix pHantom in the same tank with other chemical products without previously dissolving it. Do not mix with ammoniacal fertilisers (monoammonium phosphate, ammonium sulphate, ammonium nitrate, calcium nitrate, ammonium polysulphide, calcium polysulphide, ammonium thiosulphate and any kind of chlorine products).

It is recommended to perform a test before mixing.

## Warnings:

Although pHantom Water Treatment is not as dangerous as traditional acids, it must be handled with the same care as other chemical products.

Store the product in a dry place, protected from extreme temperatures, and far away from ammonia fertilisers.

Inhalation and ingestion is harmful. The product causes burns and respiratory tract irritation. Keep out of the reach of children. Do not store with or near food, drink and fodder. Do not inhale the released gas. In case of contact with skin, wash immediately with water and see a doctor. Correct protective clothing and gloves, as well as eye and face protection, must be used. In case of accident or discomfort from contact see a physician immediately.

**(Refer to Label and MSDS)**

**DO NOT EXCEED RECOMMENDED RATES.**

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