

IONIC – Single pack hydroponic nutrient

Precision nutrition for unrivalled performance and ease of use!

The **IONIC** range is the result of a revolutionary quest to combine seemingly incompatible minerals in an easy to use, clear single part nutrient concentrate. The proprietary Single Pack Technology used in the manufacture of **Ionic** enables the precise delivery of complete and balanced nutrition in a way that has never been possible before. The unique buffering capabilities ensure consistent, even plant growth.

WHY CHOOSE IONIC?

PRECISION: With Ionic, the essential minerals are bonded together in the precise ratios required by the plant and remain in this highly stable form until they are taken up through the roots.

SIMPLICITY: In most cases, simply add the recommended amount of Ionic to the nutrient tank. There's no measuring of Part A or Part B and no shaking before use.

BUFFERING: The complex reactions used to manufacture **IONIC** create a chemical association or 'complex' in which the various elements are held in solution by the interaction of their electrical charges. Careful manipulation of these forces during the manufacturing process results in an unusually stable and clear nutrient solution requiring very little or no pH adjustment.

PERFORMANCE: Plants simply grow more evenly in response to precise and consistent nutrient delivery.

IONIC nutrients are supplied in distinct grow and bloom formulations:

IONIC Grow is formulated to supply the needs of the plant during the vegetative stage of its growth cycle. High levels of nitrate-nitrogen encourage rapid leaf and shoot growth, maximizing the young plant's potential to produce fruit and flowers later in its life.

IONIC Bloom is dedicated to the flowering and fruiting stage of plant growth. The bloom formulation contains reduced levels of nitrogen and enhanced levels of phosphorous and potassium, the elements required for the initiation and development of buds and flowers.

GROWTH STAGE	NUTRIENT	CONDUCTIVITY (EC)	pH
Vegetative	Ionic Grow	1.5 – 2.0 mS	5.8 – 6.2
Flowering	Ionic Bloom	2.0 – 2.5 mS	6.0 – 6.5

IMPORTANT TIPS:

- Gradually increase the nutrient strength during each cycle ie, start on 1.5mS during the Vegetative growth stage and gradually increase it to 2.0mS towards the end of the stage,
- DO NOT IGNORE pH. Certain minerals can become inaccessible to the plant when the pH of the solution is outside the recommended range. If using a pH Test Kit, aim for '6'.
- Re-circulated nutrient tanks should ideally be changed once a week in order to maintain the optimum mineral nutrient profile in the tank.

GETTING THE MOST FROM YOUR PLANT:

- To introduce an organic component to your nutrient solution, use GT FULVIC.
- To maximize the flowering potential of your plant during the flowering stage, use GT SUPER.
- For a plant with extra strength and vigor, add GT SILICA to your nutrient solution.