

# IONIC®

Premium Plant Nutrients

# FAQs

**Q** *Growers love single-part nutrients because they are easy to use, are there any other advantages?*

**A** Yes, of course there are. The macro elements are locked together in large molecules in exactly the right ratio for plant growth. This technology makes the single part possible & it also ensures that the target NPK ratio is exactly right to the point that the plants take it up. This allows us to be far more precise than we can be with the old multi-part nutrients.

**Q** *I thought multi-part nutrients were better than single-part nutrients? Why is IONIC® different?*

**A** Two & three-part nutrients are offered to prevent certain elements from being mixed together in a single bottle, which without the proper engineering, causes these nutrient components to “lock up”, becoming unusable by the plant. IONIC® Premium Plant Nutrients incorporate a unique single-part technology wherein the macro elements (NPK) are locked together in large molecules of exacting ratios designed specifically for plant growth. This innovative large molecule concept allows IONIC® to deliver specific elements such as calcium and magnesium, without the huge & unnecessary level of anions that are usually necessary in other single-part nutrients. This means a significantly higher percentage of the mineral ions in the nutrient solution are available for the plant, resulting in faster, more productive growth while the solution remains stable & balanced, resulting in fewer reservoir changes as well.

**Q** *Why should I trust IONIC® Premium Plant Nutrients over other brands?*

**A** IONIC® Premium Plant Nutrients are blended to exacting standards with the purest ingredients in our state-of-the-art mixing facility, right here in the USA. Each & every batch of nutrients we blend is sampled, tested & certified for consistency & uniformity by an independent laboratory before a single ounce of IONIC® is placed in a bottle. IONIC® Premium Plant Nutrients have been faithfully manufactured to the same high standards since 1997, as growers around the globe continuously rely on IONIC® Premium Plant Nutrient's efficiency, consistency, value & reputation.

**Q** *Why is my pH so stable when I use IONIC®?*

**A** Again, this is a result of IONIC® unique manufacturing process, which creates large molecules that contain the primary macro elements. By bonding these elements together, they become partially buffered & far less reactive in terms of pH fluctuations. For many growers, pH stability is the key advantage that IONIC® offers without sacrificing yield or quality.

**Q** *Why do you need PK BOOST in the flowering stage?*

**A** Mainly because of the incredible potential of flowering crops to uptake certain minerals from the tank. IONIC® BLOOM is precisely formulated to provide the right balance of nutrients to support intense flowering & will give excellent results on its own. However, flowering crops have a high demand for specific elements, potassium for example & a vigorous crop can reduce the amount of them in the tank very quickly. Even if the conductivity is being properly maintained with stock solution, the level of potassium in the tank can decline very fast. This can happen with any BLOOM nutrient – not just IONIC® of course. PK BOOST is an easy way to maintain an ideal level of the specific nutrients that plants need to produce heavy crops. In our experience, a lot depends on the size of the tank. If it is small with respect to the number & size of plants involved, then the need for PK BOOST is greater. In almost all situations the regular application of IONIC® PK BOOST will enhance flowering & increase yields.



**Q** *Is IONIC® PK BOOST designed to work specifically with IONIC® BLOOM nutrients?*

**A** IONIC® PK BOOST is designed to work well with any of the IONIC® BLOOM formulations, but it will also be a superb addition to any good Bloom nutrient. Just follow the instructions or the IONIC® schedule to get the best results.

**Q** *Are there more detailed instructions available?*

**A** Yes, of course. The full IONIC® instructions can be found at: <http://HydrodynamicsIntl.com/Ionic.htm>

**Q** *And, is there also a schedule available – to help us use IONIC® in conjunction with the other products?*

**A** Yes, indeed. The schedule can also be downloaded at: <http://HydrodynamicsIntl.com/FeedingSchedule.htm>

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