

Frequently Asked Questions



Q *Growers love the single pack, as it is so easy to use – but are there other advantages?*

A Oh 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 pack possible and 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 twin packs.

Q *What is wrong with twin packs?*

A Well, we have been formulating and manufacturing twin packs since 1984 and they are still very popular. There is nothing wrong with them, of course, but IONIC technology is undoubtedly superior. The large molecule concept allows us to deliver specific elements (cations) – calcium, magnesium and so on – without the huge and unnecessary level of anions – sulphate for example – that usually goes with them. This means that a much greater percentage of the mineral ions in the solution are useful to the plant, and this means that the tank will be stable and balanced for much longer.

Q *People sometimes call IONIC a beginner's nutrient – why is that?*

A Presumably because it is so easy to use. There is only one bottle to worry about so it is very quick and precise. Also the pH is amazingly stable so it is basically foolproof, which means great results for first time growers. However, it is important to remember that IONIC is a professional formulation from a commercially oriented company. Once it is diluted and in the tank it is 100% complete. There are no shortcuts or compromises in this solution and it is equal to, or better than, anything else on the market. To be sure it is great for beginners – but experienced professional growers use it as well.

Q *Why is the pH so stable in IONIC?*

A This is a result of the manufacturing process, unique to IONIC, which creates large molecules containing the key macro elements. They are thus partially buffered and become much less reactive in terms of pH. For many people the pH stability is the chief advantage that IONIC offers but they wouldn't use it if they felt that yield or quality were to be compromised.

Q *Why do you need 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 and will give excellent results on its own. However, flowering crops have a high demand for specific elements, potassium for example, and 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. 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 and size of plants involved, then the need for BOOST is greater. In almost all situations the regular application of IONIC BOOST will enhance flowering and increase yields.

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

A Well it is certainly 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 downloaded from our website at www.growthtechnology.com.

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 www.growthtechnology.com.

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