



BIO DIESEL NUTRIENTS

HEAVY YIELDS WITHOUT CHEMICALS

FAQs

Q? When i add Rhino K to my nutrient tank it turns cloudy?

A. Rhino K is alkaline (high pH) by nature, so like some silicas and other alkaline products they can cloud the tank if added to a low pH mineral solution. To avoid this simply add Rhino K first to the tank and then adjust the pH down before adding the other minerals. Another tip is to try and ensure any water or "top up" solution is of a similar temperature to your existing nutrient solution.

Q? I used Marine CaMg+ on my young plants and they went dark green and curled? What caused this and can i fix them?

A. Marine CaMg+ contains high levels of Calcium , Magnesium and Nitrogen as well as active cell dividers from sea kelp. It is very concentrated and should be used once plants begin aggressive growth after they have been transplanted and established in the main pot or growing medium. Marine CaMg+ is best suited to coco and hydroponic growers where the need for extra CaMg is required. Plants that have longer vegetative stages like 8 weeks will see the most benefit due to larger lateral branching and faster growth development in late vegetative growth.

If you are correcting a "overdose" of these minerals in young plants, Flush the growth media with fresh water or Crystal Clear and resume Aloveate and water for next few waterings before returning to a mild nutrient solution suited to the plant stage ie. 0.8-1 EC / 400-500PPM. When plants are healthy they can be returned to a full strength base nutrient. Use Aloveate through all stages to relieve stress and make more minerals plant available to avoid future lockouts.

Q? How much nutrient solution and how many times per day do you recommend feeding a Coco Fiber 'run to waste' hydroponic system?

A. Feed times and volumes are reliant on the stage of growth, pot size, growing environment and system. As a starting point, It is beneficial to deliver smaller feeds more often during 'lights on' times only. Once the plants are established and growing. Start with 2 feeds a day and increase to 4 feeds in bloom (ie. every 3 hrs in bloom during lights on) Different varieties and growing conditions affect water consumption, but in general aim to deliver at least 2L per day for 20 Litre pots and 5L per day for larger 50L pots. Monitor nutrient runoff against the fresh nutrient tank solution to determine the Coco fibres pH and EC values.

Q? Is Bio Diesel compatible with other PK additives and growing programs?

A. We have tested ALL the major hydroponic growing programs (Canna, H&G, GH, etc.) and Bio Diesel is compatible with every product tested to date. Bio Diesel DOES NOT contain high analysis Potassium salts so is compatible with other PK boosters. Fulvic and Humic Acid act as organic chelators rather than EDTA that forces nutrients into the plant. This allows all Bio Diesel Products to work in synergy with your current program and the plants natural uptake.

Q? I purchased your 3 organic additives from my local hydro store. Can I use these alone or do I need a base nutrient like Canna Coco?

A. If you are growing in Coco or any hydroponics system using inert media (clay, rockwool, peat etc) you should use a complete base nutrient along with the Bio Diesel additive range. We've just released the new Bio Diesel Green Diamond Base AB; but Canna, General Hydro or H&G are also solid choices.

If Growers are using a quality nutrient dense soil or pro-mix that contains the correct levels of micro and macro nutrients, then you can use them as natural boosters to further enhance plant processes.

Q? Will Bio Diesel effect the pH of my final nutrient solution?

A. All Bio Diesel Products are natural and don't raise the pH. They are very pH friendly and lower the pH of most solutions by approx. 0.1 i.e. If the solution is 6.3 pH and you add Bio Diesel it becomes 6.2 pH.

Q? Will Bio Diesel effect the EC of my nutrient solution?

A. Bio Diesel will raise your EC only by aprox 0.1 EC points (50-70ppm) and is very easy to incorporate into your current or favorite growing program.

Q? What is Salicylic Acid and what does it do?

A. Salicylic acid is in the new Bio Diesel ALOEVATE and is naturally derived from Aloe Vera and Yucca plants. It has many benefits for Hydroponics and plant growth. It is a fantastic source of natural plant available Silica that does not raise your pH like Potassium Silicate (most silicas). It creates stronger, thicker cell walls for increased plant weight, insect and disease protection, thicker, more robust Trichomes and flower weight. On top of this, Salicylic acid has a natural antibacterial action that protects your plants from mold/disease and raises vitality.

Q? Do I need to use an Air pump or circulating pump in my tank?

A. YES, you can use either one. We prefer air pumps in smaller tanks and recirculating pumps in larger tanks.

Q? I grow in soil how often should I feed with Aloveate, Marine and Bio Diesel?

A. Soil mixes greatly vary so it is always best to watch your plants closely for signs of when to feed, and really depends on the nutrient density and living biology of your soil. As a guide you should only use Marine once per week through the roots or Foliar spray. Aloveate should be fed as often as possible through both the Grow and Bloom stages. It will enhance your soils micro-life and acts as a natural wetting and chelating agent making nutrients more available. In Bloom, Bio Diesel Bud Stimulant can be added 1-2 times per week with a solution of Aloveate.

Q? What's the difference between organic chelates and mineral salt chelates?

A. Organic chelating agents like Fulvic acid, Aloe and Amino acids make nutrients more available to the plant while also providing a healthy alternative to EDTA and other synthetic chelating agents found in chemical fertilizers that have proven to bind with heavy metals in our body.

Organic chelates are microbe friendly and do not force feed the plant. This allows higher nutrient values and is only taken up by the plant when required.

Q? How often should I foliar spray my plants?

A. Plants LOVE Foliar applications of ALOEVATE and MARINE. You should foliar spray only when the lights are off and you have good air circulation, to dry the crop completely before the lights turn back on.

We recommend you foliar spray with ALOEVATE weekly until the 2nd week of flowering and then continue to use it in the nutrient solution.

MARINE CaMg is great to foliar spray every week to second week, or if you have any yellowing.

We do not recommend any foliar applications after week 3 of flowering, and be sure to maintain good, clean air circulation.

Q? I'm growing some Auto Flowering plants when should I add Bio Diesel?

A. In general, most AUTO flowers will flower after 3-4 weeks from seedling stage. Start Bio Diesel at week 4 and continue using until you see ripening begin.