

The Next Generation In Nitrogen Fertilization



DRAMATIC REDUCTIONS
IN NITROGEN POLLUTANT
RUNOFF.

30-50% INCREASE IN
CROP YIELD WITH A
10-15% REDUCTION
IN GROW CYCLE.

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Expect
Explosive
Growth!

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THE NEXT GENERATION IN NITROGEN FERTILIZATION

NitroWater™ USA LLC is proud to introduce our exciting new Technology in our patent pending device, the Nitrator™.

The Nitrator™ significantly changes the way growers fertilize crops. This disruptive technology allows greenhouses, vertigrows and farms to increase crop yields, shorten the grow cycle, and reduce the need for chemical Nitrogen fertilizers. This results in not only higher profits but lower negative harmful environmental impact.

About 79% of our atmosphere is nitrogen, but not in a form that plants can absorb. This is because it takes a large amount of energy to break apart nitrogen molecules. The energy released during a lightning event converts atmospheric nitrogen and oxygen into nitric oxide (NO) which then oxidizes into nitrogen dioxide (NO₂) then to nitric acid (HNO₃) which is then deposited onto the earth's surface in the ensuing rain in a form that can be taken up by plants. Simply speaking lightning converts the rain to a fertilized water containing nitrates NO₂ and Nitrites NO₃. Although this naturally occurring reaction has been known for hundreds of years the technology has never been commercialized until now.



The Nitrator™ contains a patent pending plasma chamber, water injection system and air mixing chamber that mimics nature and creates NitroWater™.

The unique nitrogen compounds that are formed in NitroWater™ are absorbed by plants significantly faster than chemical nitrogen fertilizer increasing the yield of cash crops. Informal in-house studies have determined that tomato crops show a 30 to 50 percent increase in yield when treated with NitroWater™ over plants fed with chemical nitrogen. Marijuana, the most valuable cash crop shows a 40 to 50 percent increase in nodes. Generating more sellable buds while shortening the grow cycle by 10-15%.

Traditional indoor and outdoor farming generate water pollution in the form of chemical nitrogen runoff that pollutes well water and cause algae to bloom in ponds

and coastal waterways. The powerful fertilizer NitroWater™, made by the Nitrator™ has the beneficial property of naturally dissipating the nitrogen back into the atmosphere, which eliminates the pollution to groundwater and waterways.

With Nitrowatertm, Expect Explosive Growth!

