

# The Science

# Contact Us



Beyond  
Green

BIO 520 provides some of the best essential minerals on the planet to ensure natural, enhanced growth; it uses energy created through a proprietary, biophysical, state-of-the-art technology to break down the organic material to its simplest form, ensuring optimal uptake. In other words, BIO520 is a composition of pure, water-soluble, acoustically pulverised minerals your plants will soak up. BIO 520 does not contain any chemicals or hormones like most fertilizers in today's market.

## Expectations

1. BIO520 blocks the uptake of toxins, arsenic and heavy metals.
2. Veg time decreased by at least one week and flower yields increased on average 35-50%. Because of the decrease in grow time less water is consumed during the entire grow cycle.
3. Healthier, more robust plants and an increase in profitability. BIO 520 promotes rapid absorption of high performance nutrients from seed germination through flower harvest. Seeds germinate and develop hardy tap roots within approximately 18 hours on average.

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**520**  
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100%  
success in  
**18**  
hours

## RAPID CLONE

### TEST A:

**Without BIO520**

**7-8 Days Roots Pop**

**14-18 Days Roots**

**Full and ready**

### TEST B:

**With BIO520**

**4-5 Days Root Pop**

**8-10 Days Roots**

**Full and ready**



## HOW TO USE

Simply add Bio 520™ at a dosage of 1:1,000 into irrigation water along with a normal regimen of nutrients. No other changes to the cultivation process are required.



BIO 520 is an overall essential uptake additive. Works with your plants natural characteristics and is not impacted by any other products. In fact, BIO520 can enhance the system you are currently using and help the plant uptake your current products while blocking and shielding out any toxins chemical that may be present. Easy application. Simply dilute into irrigation water at 1,000 to 1. It has a 5 year shelf life Zero toxicity uptake. Proven in numerous post-harvest Lab Tests to barrier against toxic chemicals to “below scientifically detectable levels” for a range of toxins currently being prohibited by new safety regulations governing the cannabis industry. BIO 520™ is proven to enable crops to grow at temperatures 10 Celsius below their normal “clime”. Entire growth cycle is significantly shortened. Overall water usage is reduced and Higher yields

## ABOUT BIO 520

Bio520 is a natural product that biologically enhances and supports agriculture to optimize all aspects of the growing cycle. Depleted soil, man-made chemicals, water scarcity and profit seeking have changed the way plants in today's marketplace are commonly grown. Not unlike industrial livestock, plants are forced to grow and produce in unnatural conditions. BIO520 provides leverage against the expected and the unusual growing situations currently being used. Returning to nature BIO520 provides the trace elements that remind the plant of its true potential.

**BIO 520 product is OMRI Listed and SC Labs Tested. It may be used in certified organic production or food processing and handling according to the USDA National Organic Program regulations.**

## RAPID SEED GERMINATION

The results I had from a side-by-side Germination test on White Widow seeds with and without BIO520 was exponential! In a short 18-hours 100% of the seeds soaking in BIO520 (dilution 1:500) were fully cracked with very long tap roots. In comparison, only 20% of the other seeds cracked. Their tap roots were nowhere near as well formed”

Eric N., CEO – Medicinal Leaves of Relief