



ALOE420 & CANNABIS CULTIVATION

Leveraging the Power of Aloe in Agro

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According to Jonathan Page, a well-known cannabis scientist who recently took on the role of chief science officer at Aurora, “...*cannabis production brings with it a number of challenges. First among them is that the cannabis plant has not developed the kind of resistance to disease that other crops have, simply because the plant has barely been researched, let alone bred to be disease resistant. Pests and pathogens are a problem in all agriculture. But the particular pathogens that attack the modern cannabis plants, they’re just not equipped, at this stage to fight back against.*”

Enter Aloe420...

Aloe420 has been proved to enhance the immune system of crops, including cannabis, that allow the plant to better fight off both harmful pathogens and pests.

There are a number of pests and diseases that can completely devastate a cannabis crop where the crop has to be totally destroyed, potentially meaning the loss of millions of dollars. As an example, two of the main concerns are spider mites (culprit: Arachnid Tetranychus urticae) and white powdery mildew (culprit: Fungi Golovinomyces).

Pathogenic fungi could be considered the “mafia” of the cannabis pest community- with at least 88 different species that attack cannabis and work in hidden networks to replicate and destroy.

Spider mites are one of the most “cringe-worthy” cannabis diseases you may come across. Not only can these mites give your plants a Halloween-ready appearance, but they are also highly effective at destroying crops and can be extremely hard to get rid of.

So how does Aloe420 work?

- Enhances nutrient uptake
- Increases plant growth due to the presence of the natural growth hormone, gibberellin

- Contains lignin, a natural biopolymer, which allows plants to utilize the food at its root system much faster
- Promotes efficient water usage
- Contains over 20 amino acids, important for soil chelation, carbohydrates such as mannitol, also important for soil chelation, a host of vitamins including A, B1, B2, B6, B12, C and E, and micro-nutrient minerals including calcium, manganese, magnesium, zinc, and copper, which the lignins uptake, along with added nutrients, deeply into where needed by the plant.
- Contains Florigen, which increases the bloom volume, thus increasing crop yield.
A better immune system for the plant, allowing it to put more energy into growth and yield quality as opposed to fighting off harmful diseases and pests.

How can Aloe420 be used?

- Seed Soak
- Cloning
- Ground spray
- Foliar spray
- Hydroponically

What testing has been done?

With regard to disease elimination, extensive testing has been done in the United States by the Texas A&M AgriLife Research Center in Beaumont. To quote from the Research Center's report:

“Coats Agri-Aloe Aloe420 formula has been testing with different legalized growing facilities in California, Colorado and New Mexico from 2014 to the present.

The results have been extremely positive in plant health with increased gains in productivity.

Recently, a \$1.5M Cannabis crop was in danger of total loss from an infestation of spider mites. Treated with a 4% solution of Aloe420 every 3 days for 3 weeks repelled the spider mites completely, produced greener healthier plants with higher yields.”

Testing has also been done by a number of commercial operations in the United States and Canada with the results shown below.

What have been the results to date?

Increases in yield by 30% and more Bigger and greener leaves
Bigger buds
Higher quality

Decreased grow times (faster growing cycle)
Less plants per square meter
No diseases or pests, including spider mites and white powdery mildew

Can I use it in an organic operation?

Aloe420 is 100% Aloe Vera, certified organic by Ecocert and listed by OMRI

What do users say?

“Very simply put, myself, and my team feel Aloe420 just short of a miracle product not only providing a safe shield for our grow but helping restore plants that we would have thrown out in grows past. We will now use Aloe420 as our savior band-aide for our major issues such as with the mites, but we will now have Aloe420 in our protocol from seed to bloom. Proof is in using and we are true believers through results and are happy to finally have a product we can feel confident it works!!”

Lincoln Barnett

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