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Natural Growth Biostimulants, LLC
Trial Data and Data Collection Standards Document
Compiled by: Lars C. Totterman
November, 18, 2019

TRIAL DETAIL:

Trial Name: Skelton
Trial Date: 06.01.2019 – 10.01.2019
Crop: Cannabis Sativa
Strain(s):

SETTING:

Type of House: Green House
Geographical Location : Moffat, Colorado, USA
Controlled environment: No
Soil Grown or Hydroponic: Soil and 65 Gal. and 100 Gal. pots.
Number of Plants in Trial:
Number days to harvest: 16 weeks

PROTOCOL:

2 x 1/2 oz. per Gallon (2 weeks)
6 x 1 oz. per Gallon (4 weeks)
2 x 1 oz. per Gallon (2 weeks - start flower)
- 4 week brake during flower-
2 x 1 oz. per Gallon (2 weeks - at end of flower)

Amount OZ. of Ultra applied total: 11 oz (12 oz- corrected value)
Frequency of Ultra applications: Weekly from growth to flower with a 4 week brake mid flower.
Stages applied: Growth & Foilar
Areas of application: Leaf, spray

TRIAL RESULTS & CONCLUSIONS

Total Yield of Trial in lbs.: 43lbs (dry flower)
THC content measured: Expected 28-30+% THC

Comparison Grow, Side-by-Side Trial: N/A (expectations based - prior crops)
Yield in lbs: 38 lb (dry flower) (+5 lb)
THC content measured:vs. same strain previous crop at 20-22% (+6 to 8%)
Time to Harvest: 3 weeks early (15% quicker)

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Tuesday, October 22, 2019 3:02 PM
Scott & Bobby:

I have now connected directly with brother John and I can provide you with the following responses to your follow-up questions below:

1. I believe that both John and I have previously explained that John did NOT perform a scientific study for comparison of plant yields with the UBG product vs. a "control" without the product. Additionally, John's growing protocol for this past season's crop had other variables besides just the usage of the UBG product. And finally, John is just finishing taking down the final plants and will be measuring the final yield of the full crop, for comparison to previous crops from the same greenhouse. But, with all of that said, John has indicated that he believes he will get a final yield from this crop that is approx. 10-15% larger than prior crops from the same greenhouse. (43 lbs. vs. 38 lbs previous yield = +13%) Separately, John will be taking at least 1-2 strains (that he had test results for from previous crops) to have independently tested. And while he will get you the actual comparative test results, his belief is that this crop will test significantly higher for THC. (Expect 28-30+% THC vs. same strain previous crop at 20-22%.)

2. John said that his crop reached maturity to harvest approximately 3 full weeks quicker than other growers in his county. (This also accounts, at least partially, for the dramatically reduced pollination and seed production in John's crop vs. other growers in the county.)

3. John did NOT use the UBG product as a soil drench, but he did simply mist the soil in the pots at the same time (and same dilution) as he was using for foliar application. With that said, we do believe that a product line extension to a soil drench product is a natural for the UBG product. (But we would suggest at least a nominal reformulation, to substitute a wetting agent for the surfactant in the current UBG foliar formulation.)

4. Because John was growing bigger plants in larger containers this season, he actually had a vegetative growth period that lasted 8 weeks (from late May thru late July.) During this initial growth stage, he started out using the published protocol of ½ oz./gallon, applied every other week. However, after speaking directly to Mr. Moseley in early June, John increased his dilution to 1 oz./gallon and this was also applied weekly for the next 6 weeks, on the same day as his nutrient feeding regime. Once the 8 week flowering period began in early August, per instructions from Tommy, John used his 1 oz./gallon dilution and applied only twice during the first 2 weeks. Then he did NOT apply at all during the next 4 weeks, and finished off (before starting harvest) with two final applications during the final 2 weeks of flowering.

I trust that these answers are responsive to your questions, but please do let us know if there may be any other questions that you may have in this regard.

Otherwise, John & I are standing by for a follow-up conference call to discuss next steps, timing and how we may work together going forward.

Until then…
Best regards,
Jim Skelton
(949)-466-7303 (Celll)

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Sunday, October 20, 2019 2:42 PM
Good morning Bobby,

It was inspirational to talk with you last week. Obviously, we share the same interests in our horticultural endeavors. I am now following up to our call and I'm pleased to provide a testimonial on the benefits I have noticed using the BPG BioStimulant foliar product.

The first thing that attracted me to BPG BioStimulant is its organic backbone. For so many reasons , I believe that organic farming is the only way to sustain a bright future. Concerning my use of the product, the following factors should be noted. In my custom soil mix, 10 organic amendments were added to a coco/peat base. The soil was then inoculated with microbes and watered for over 2 months before planting. The smart pots used were 65 and 100 gallon.

Possibly the most important thing I noticed using BPG BioStimulant was high brix level and increased overall plant health. My fertilizer was derived 90 percent from compost tea. It became apparent that microbial levels in my soil were enhanced by the BPG BioStimulant. Although I cannot scientifically test at my limited facility, I did absolutely produce a higher yield and higher resin content in the flowers. Also the overall quality of the flower structure was better showing an obvious increase in tightness. Even though I grew in a greenhouse with only natural sun, many other growers and industry people immediately think my cannibus was laboratory grown.

Additionally, the valley that I am cultivating in has become a major hemp growing region. Pollen levels in the air are very high and most growers in the valley end up with a ton of seeds. Although I do filter my intake air through a swamp cooler, I absolutely do believe that the BPG BioStimulant reduced pollination of my crop. I averaged less than 10 seeds per pound. The fact that flowering happened earlier in the season is part of the advantage. I was taking my crop down largely before the peak pollination period.

Bottom line is that the BPG BioStimulant product is very unique and all of the people that I gave samples to came back with positive responses. BPG will always be a part of my nutritional regiment going forward.

Finally, by way of further background, I received a B.S. in horticulture from Colorado State University in 1986. It is exciting to see the progress in microbiology in cannibus and hemp cultivation. I am a big believer in the use of microbes and products that enhance there ability to thrive. BPG BioStimulant will help many people enhance their production and their product quality. The product will be a great contributor to reviving our worlds depleted soils.

Thanks for the opportunity to test your exciting product. I look forward to talking with you again soon.

Sincerely,

Johnny Skelton
Moffat, CO
10/20/2019