

RX GREEN TECHNOLOGIES VS BOTANICARE NUTRIENT TRIAL



PURPOSE

To compare Rx Green Technologies' base nutrients against Botanicare base nutrients in order to assess the effect on yield.

SUMMARY

When testing the use of Rx Green Technologies' base nutrients versus Botanicare base nutrients, our results demonstrated that the plants grown with Rx Green Technologies' produced higher yields.

PROTOCOL

One treatment group was fed Rx Green Technologies' base nutrients and the second treatment group was fed Botanicare base nutrients:

- Treatment Group 1: Rx Green Technologies (GROW A & B, BLOOM A & B, and AXIOM)
- Treatment Group 2: Botanicare (Kind Base, Kind Grow, Kind Bloom and AXIOM)

All other factors were the same, and they were grown using the same growing procedures and treatments (including, but not limited to, pruning, watering and IPM). We tested with the Money Pug strain; both groups had an equal number of plants tested. All plants were grown in a coco/perlite media, and all were fed via hand watering in a soil drench. The plants grown with Botanicare base nutrients were fed according to the official Botanicare feeding schedule as of 8/27/2015, and the plants grown with Rx Green Technologies' base nutrients were fed according to the official Rx Green Technologies feeding schedule as of 8/27/2015.

FEEDING SCHEDULES & PH LEVELS

Treatment Group One: Rx Green Technologies
(8.27.15-11.26.15)

	Veg Stage						Flower Stage							
Weeks	1	2	3	4	5	6	1	2	3	4	5	6	7	8
GROW A (ml/gal)	11	11	11	11	11	11								
GROW B (ml/gal)	11	11	11	11	11	11								
BLOOM A (ml/gal)							10	11	12	13	12	11	F	F
BLOOM B (ml/gal)							10	11	12	13	12	11	F	F
AXIOM	2g		2g		2g		2g		2g		2g		2g	
PPM's	940	910	930	960	950	920	830	910	980	1050	970	890	140	140
Solution pH	4.4	4.4	4.2	4.5	4.4	4.2	5.4	5.3	5.3	5.2	5.4	5.3	7.4	7.5
Pots	5"	5"	7 gal	7 gal	7 gal	7 gal	7 gal	7 gal	7 gal	7 gal	7 gal	7 gal	7 gal	7 gal

F = Flush

Treatment Group Two: Botanicare

(8.27.15-11.26.15)

	Veg Stage						Flower Stage							
Weeks	1	2	3	4	5	6	1	2	3	4	5	6	7	8
Kind Base (ml/gal)	6	8	8	8	8	8	12	12	10	10	10	8	8	F
Kind Grow (ml/gal)	8	10	12	12	12	12								
Kind Bloom (ml/gal)							10	10	15	15	15	16	16	F
AXIOM	2g		2g		2g		2g		2g		2g		2g	
PPM's	550	810	1020	1000	1010	1030	1020	1010	1070	1040	1000	960	970	140
Solution pH	6.1	6.2	6.3	6.5	6.4	6.3	6.2	6.3	6.1	6.0	6.0	6.0	6.0	7.5
Pots	5"	5"	7 gal	7 gal	7 gal	7 gal	7 gal	7 gal	7 gal	7 gal	7 gal	7 gal	7 gal	7 gal

F = Flush

PICTURES

- Plants fed with Rx Green Technologies are pictured on the left (green tape)
- Plants fed with Botanicare are pictured on the right (blue tape)



10.23.15 (Week 8 of the growth cycle)



11.21.15 (Week 12 of the growth cycle)

YIELD DATA

The treatment group grown with Rx Green Technologies' base nutrients yielded on average 31.20% more in wet weight, 23.42% more in dry bud weight, and 21.46% more in dry trim weight compared to the group grown with Botanicare base nutrients.

CONCLUSION

The only difference between the control group and the variable group was the use of Rx Green Technologies' nutrients versus Botanicare nutrients; therefore we can conclude that the increase in yield can be attributed to the use of Rx Green Technologies.

This trial was performed at Rx Green Technologies' testing facility in Denver, CO. Individual results may vary.