

# NUTRIENT TRIAL

RX GREEN TECHNOLOGIES VS GENERAL HYDROPONICS



## PURPOSE

To compare Rx Green Technologies' nutrient program against General Hydroponics' nutrient program in order to measure the effect on yield.

## SUMMARY

When testing the use of Rx Green Technologies' nutrient program versus General Hydroponics' nutrient program, our results demonstrated that the plants grown with Rx Green Technologies produced higher dry bud weight, higher trim weight and more THC content.

## PROTOCOL

The trial ran from December 3, 2014 to March 14, 2015. One treatment group was fed Rx Green Technologies' nutrient program and the second treatment group was fed General Hydroponics nutrient program.

- Treatment Group One- Rx Green Technologies (GROW A & B, BLOOM A & B and AXIOM)
- Treatment Group Two- General Hydroponics (FloraMirco, FloraGro and FloraBloom) plus 3 additives (RapidStart, Liquid KoolBloom and Floralicious Plus)

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 Jack Flash strain; both groups had an equal number of plants tested. All plants were grown in a coco/perlite media.

## FEEDING SCHEDULES

Treatment Group One: Rx Green Technologies' nutrient program

Weeks	Veg Stage							Flower Stage							
	1	2	3	4	5	6	7	1	2	3	4	5	6	7	8
GROW A (ml/gal)	14	16	18	20	20	20	20								
GROW B (ml/gal)	14	16	18	20	20	20	20								
BLOOM A (ml/gal)								22	24	24	26	26	28	F	F
BLOOM B (ml/gal)								22	24	24	26	26	28	F	F
AXIOM	2g		2g		2g		2g		2g		2g		2g		
Pots	1 gal	1 gal	1 gal	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: General Hydroponics nutrient program

Weeks	Veg Stage							Flower Stage							
	1	2	3	4	5	6	7	1	2	3	4	5	6	7	8
FloraMicro (ml/gal)	2	4	5	5	5	5	5	4	4	4	4	4	6	F	F
FloraGro (ml/gal)	1	5	5	5	5	5	5	4	1	1	1	1			
FloraBloom (ml/gal)	1	1	2.5	2.5	2.5	2.5	2.5	4	5	5	6	6	8	F	F
RapidStart (ml/gal)			2.5	2.5	2.5	2.5	2.5	1	1	1	1	1	1	F	F
Liquid KoolBloom (ml/gal)									2	2	2	2	2.5	F	F
Floralicious Plus (ml/gal)	1	1	1	1	1	1	1								
Pots	1 gal	1 gal	1 gal	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' program are pictured on the left
- Plants fed with General Hydroponics' program are pictured on the right



1.16.2015  
(Vegetative Stage)



3.10.2015  
(Flower Stage)



3.14.2015  
(Harvest Stage)

## YIELD DATA

Plants grown with the Rx Green Technologies' program yielded **44% higher dry bud weight, 33% higher trim weight and had an increase of 1.3% in THC** content than with the General Hydroponics Program.

## CONCLUSION

The only difference between the two treatment groups was the use of different nutrient programs; therefore we can conclude that the increase in yield can be attributed to the use of Rx Green Technologies' nutrient program consisting of GROW A & B, BLOOM A & B and AXIOM.

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