



images from actual grow

DATA PROVIDED BY
TOMMIE TRICHROME



GRAPE APE INDICA

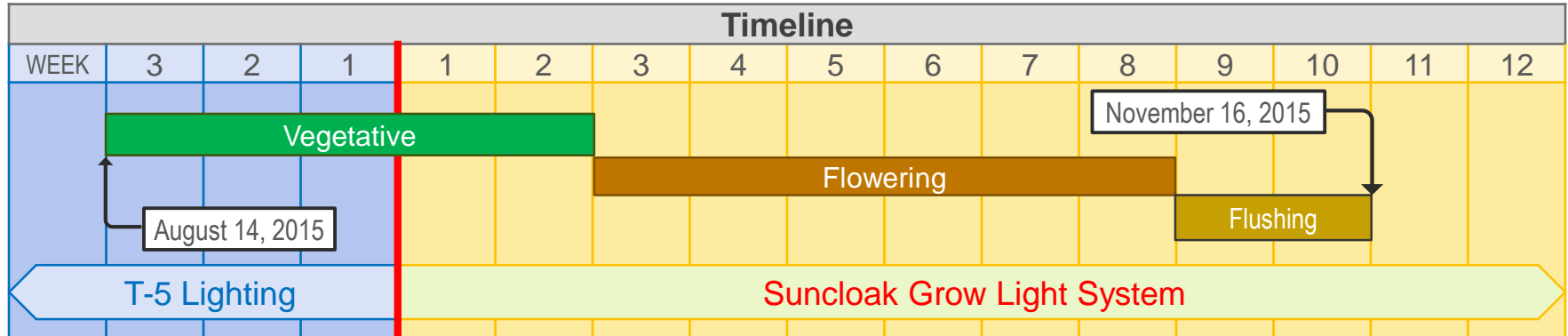


METHODOLOGY

Strain	<i>Grape Ape</i>
Type	<i>Indica</i>
Lighting	<i>Suncloak 4416 LED System</i>
Grow Area	<i>4' x 4' Grow Table</i>
Container	<i>4.5 Square Gallon</i>
Tent	<i>Yes mylar reflective</i>
Medium	<i>Soil/Coco Mix</i>
Water	<i>Dechlorinated Tap Water</i>
Nutrients	<i>Superthrive</i>
	<i>Adv Nutrients Sensi Grow A&B</i>
	<i>Sensi Bloom A&B</i>
	<i>Molasses</i>
	<i>HB-101 Plant Vitalizer</i>



9 Plants per Table
Spacing 16" on Center
32" LED Strip Height
3 X 3 Plant Matrix

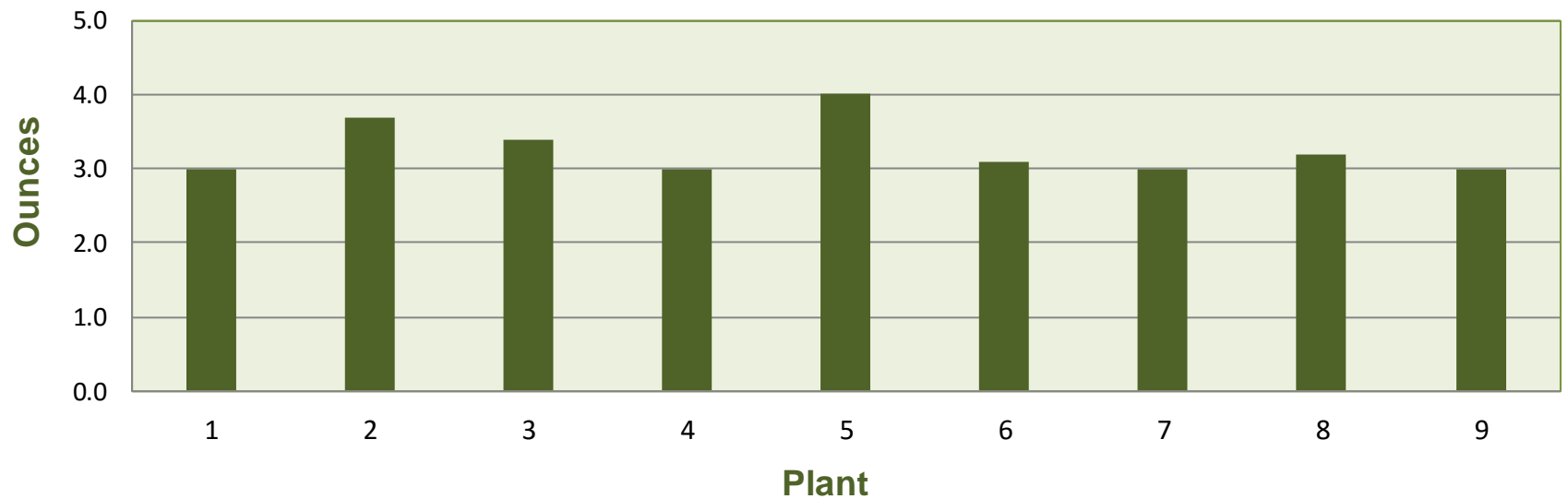


Environment			
Stage	Vegetative	Flowering/Flushing	Drying
Temperature	68° - 80°F (20° - 27°C)	68° - 78°F (20° - 26°C)	70° - 80°F (21° - 27°C)
Humidity	50-60% RH	40-45% RH	40-50% RH
Co2	N/A	N/A	N/A
Light Cycle	18hrs ON – 6hrs OFF	12hrs ON – 12hrs OFF	N/A

YIELD & PERFORMANCE

Plant	1	2	3	4	5	6	7	8	9
ounces	3.0	3.7	3.4	3.0	4.0	3.1	3.0	3.2	3.0
grams	85	105	96	85	113	88	85	91	85
lbs	0.19	0.23	0.21	0.19	0.25	0.19	0.19	0.20	0.19

Dry Ounces Per Plant on 4' x 4' Table



OUTPUT Parameters for 4' x 4' Grow Table				
29.4 oz	1.8 lbs	833 grams	600 watts	16 sqft
3.3 oz/plant			9 plants	94,500 lumens

PERFORMANCE Parameters				
1.8 oz/sqft	0.11 lbs/sqft	52 g/sqft	1.4 g/watt	10,500 lms/plant

QUALITY RESULTS



[Click Here for SC Labs Online Results](#)

SC Labs Test Results January 4, 2016		
Total THC	$\Delta^9\text{THC}+\text{THCA}$	23.8%
Total CBD	$\text{CBD}+\text{CBDA}$	0.03%
Total CBN	Total CBN	0%

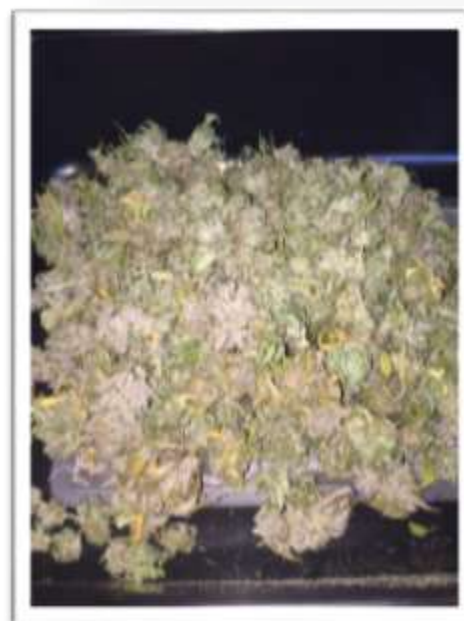


PHOTO GALLERY



9-4-15



9-15-15



9-26-15



11-4-15



Results



Results



Results

SUMMARY

- The Grape Ape indica was a short and wide plant strains. It was not ideal for Suncloak System...tall & narrow plant strains will produce more yield than short & fat plant strains.
- Dense Plant Spacing 9 plants per 4' x 4' table was not an issue. excellent yield and did NOT constrict plant growth.
- No lower branches were trimmed. Heat generation of the Suncloak System was so low it was not necessary to trim for "air flow".
- Light Penetration throughout the plant was amazing.
- These plants grew fast and big requiring greater nutrient supply. This soil medium needed nearly 2 times the normal nutrient supply to maintain a soil PH of 5.5-6.5.
- 4.5 sized pots were used. Larger 7 gallon square pots would have likely performed better.
- 32" high Suncloak LED strips were used on this grow...recommend 48" high Suncloak LED strips and a slightly longer vegetation stage to target a plant height of 4-5 feet and optimize yield.
- In the latter half of the flowering stage a moderate amount fan leafs were uniformly removed throughout the plant in order to allow light penetration into the internal nodes or buds.
- Uniform plant growth...plants on the edge of the table will be similar in size to those in the center of the table.
- Multitudes of bud sites of uniform size from the top to the bottom of the plant (top slightly larger than bottom). Did not produce massive single colas at the top of the plant.