

# SUMMARY OF THE AGRONOMIC TRIALS CARRIED OUT BETWEEN EACH PRODUCT SEPARATELY AND COMPARISON WITH THE RESULTS OBTAINED BY THE FULL USE OF THE **C. AYURVEDA PACK**



Copyright YUKHA®

## INDOOR TRIALS

### PREPARATION

- Variety: **Super Skunk**
- Density: **16 plants/m<sup>2</sup>**
- Plantings: **12-day cuttings**
- Substrate: **coconut without additives, EC<0.5mS/cm**
- Buffering: **no**
- Pots: **3.5 liters/plant**
- Drainage: **EC drainage control after each irrigation**
- Basic mineral program: **Canna Suite**
- Pruning: **only to facilitate the natural aeration of the plant**

### GROW BOX

- Type: **Blackbox Silver**
- Lamps: **600W HPS/MH**
- Height of the lamp reflector: **30 to 40 cm above the plant's apex**
- Air extraction: **yes**
- CO2 injection: **no**
- Fertilizer irrigation system: **automatic**
- EC/PH measurement: **automatic**
- Temperature and humidity measurement: **automatic**
- Application C Ayurveda Pack: **manual according to the program**

### PROTOCOLS

- A trial is composed of **8 replicates and as many controls** (significance of the sample controlled by **the Q2**)
- One test is duplicated **4 times a year** to consider possible interactions with the outside temperature.
  - **Winter** planting
  - **Spring** planting
  - **Summer** planting
  - **Autumn** planting
- Results are averages of all trials **over the 4 seasons**
- Consistency checks are performed using the **standard deviation method**
- Only **consistent** trials are selected (**accident-free** agronomic conditions)

Average quantitative data on page 2

Page 1



Copyright YUKHA®

# SUMMARY OF THE AGRONOMIC TRIALS CARRIED OUT BETWEEN EACH PRODUCT SEPARATELY AND COMPARISON WITH THE RESULTS OBTAINED BY THE FULL USE OF THE C. AYURVEDA PACK



Copyright YUKHA®

SUMMARY OF TRIALS CONDUCTED FROM 2014 TILL 2018

BASIC MINERAL PROGRAM: CANNA PRODUCT RANGE

BREED USED FOR ALL TRIALS: **SUPER SKUNK\*\***

\*\* (TRIAL RESULTS FROM ALL THE OTHER STUDIED BREEDS WILL BE PRESENTED AT A REGULAR PACE)

100% MINERAL	
PLANT HEIGHT (cm)	107
APICAL FLOWER HEIGHT (cm)	6
N° OF SIDE SHOOTS without apical flowe	21
TOTAL N° OF FLOWERS	73,00
<b>WEIGHT OF APICAL FLOWER ALONE (g)</b>	<b>0,94</b>
<b>TOTAL FLOWERS WEIGHT (g)</b>	<b>17,31</b>
TOTAL VEG. PARTS (g)	13,27
AVERAGE N° OF FLOWERS PER SHOOT	3,48
AVERAGE WEIGHT PER FLOWER (g)	<b>0,24</b>
% OF FLOWERS	56,61%
% VEGETATIVE PARTS	43,39%

MINERAL + JANGH		%
PLANT HEIGHT (cm)	100	-7%
APICAL FLOWER HEIGHT (cm)	14	133%
N° OF SIDE SHOOTS without apical flowe	21	0%
TOTAL N° OF FLOWERS	63	-14%
<b>WEIGHT OF APICAL FLOWER ALONE (g)</b>	<b>2,6</b>	<b>177%</b>
<b>TOTAL FLOWERS WEIGHT (g)</b>	<b>19,55</b>	<b>13%</b>
TOTAL VEG. PARTS (g)	14,73	11%
AVERAGE N° OF FLOWERS PER SHOOT	3,00	-14%
AVERAGE WEIGHT PER FLOWER (g)	0,310	<b>31%</b>
% OF FLOWERS	57,03%	1%
% VEGETATIVE PARTS	42,97%	-1%

MINERAL + KHAN-GEE		%
PLANT HEIGHT (cm)	96	-10%
APICAL FLOWER HEIGHT (cm)	12	100%
N° OF SIDE SHOOTS without apical flowe	18	-14%
TOTAL N° OF FLOWERS	59	-19%
<b>WEIGHT OF APICAL FLOWER ALONE (g)</b>	<b>2,3</b>	<b>145%</b>
<b>TOTAL FLOWERS WEIGHT (g)</b>	<b>19,23</b>	<b>11%</b>
TOTAL VEG. PARTS (g)	14,2	7%
AVERAGE N° OF FLOWERS PER SHOOT	3,28	-6%
AVERAGE WEIGHT PER FLOWER (g)	0,326	<b>37%</b>
% OF FLOWERS	57,52%	2%
% VEGETATIVE PARTS	42,48%	-2%

MINERAL + TAJHAL		%
PLANT HEIGHT (cm)	97	-9%
APICAL FLOWER HEIGHT (cm)	11	83%
N° OF SIDE SHOOTS without apical flowe	20	-5%
TOTAL N° OF FLOWERS	67	-8%
<b>WEIGHT OF APICAL FLOWER ALONE (g)</b>	<b>1,96</b>	<b>109%</b>
<b>TOTAL FLOWERS WEIGHT (g)</b>	<b>20,04</b>	<b>16%</b>
TOTAL VEG. PARTS (g)	15,6	18%
AVERAGE N° OF FLOWERS PER SHOOT	3,35	-4%
AVERAGE WEIGHT PER FLOWER (g)	0,299	<b>26%</b>
% OF FLOWERS	56,23%	-1%
% VEGETATIVE PARTS	43,77%	1%

MINERAL + MUDRI		%
PLANT HEIGHT (cm)	105	-2%
APICAL FLOWER HEIGHT (cm)	9	50%
N° OF SIDE SHOOTS without apical flowe	21	0%
TOTAL N° OF FLOWERS	69	-5%
<b>WEIGHT OF APICAL FLOWER ALONE (g)</b>	<b>1,6</b>	<b>70%</b>
<b>TOTAL FLOWERS WEIGHT (g)</b>	<b>18,36</b>	<b>6%</b>
TOTAL VEG. PARTS (g)	13,09	-1%
AVERAGE N° OF FLOWERS PER SHOOT	3,29	-5%
AVERAGE WEIGHT PER FLOWER (g)	0,266	<b>12%</b>
% OF FLOWERS	58,38%	3%
% VEGETATIVE PARTS	41,62%	-4%

MINERAL + YETRA		%
PLANT HEIGHT (cm)	98	-8%
APICAL FLOWER HEIGHT (cm)	11,5	92%
N° OF SIDE SHOOTS without apical flowe	19	-10%
TOTAL N° OF FLOWERS	78	7%
<b>WEIGHT OF APICAL FLOWER ALONE (g)</b>	<b>4,33</b>	<b>361%</b>
<b>TOTAL FLOWERS WEIGHT (g)</b>	<b>23,64</b>	<b>37%</b>
TOTAL VEG. PARTS (g)	14,51	9%
AVERAGE N° OF FLOWERS PER SHOOT	4,11	18%
AVERAGE WEIGHT PER FLOWER (g)	0,303	<b>28%</b>
% OF FLOWERS	61,97%	9%
% VEGETATIVE PARTS	38,03%	-12%

Results obtained using the complete **C. Ayurveda Pack** are significantly higher than those obtained from each formulation applied separately. The combination of these 5 formulations produces a powerful synergistical effect allowing plants to fully express their genetic potential.

MINERAL + COMPLETE PACK		%
PLANT HEIGHT (cm)	79	-26%
APICAL FLOWER HEIGHT (cm)	9	50%
N° OF SIDE SHOOTS without apical flowe	18	-14%
TOTAL N° OF FLOWERS	96	32%
<b>WEIGHT OF APICAL FLOWER ALONE (g)</b>	<b>4,71</b>	<b>401%</b>
<b>TOTAL FLOWERS WEIGHT (g)</b>	<b>40,74</b>	<b>135%</b>
TOTAL VEG. PARTS (g)	12,3	-7%
AVERAGE N° OF FLOWERS PER SHOOT	5,33	53%
AVERAGE WEIGHT PER FLOWER (g)	0,424	<b>79%</b>
% OF FLOWERS	76,81%	36%
% VEGETATIVE PARTS	23,19%	-47%



Copyright YUKHA®

# SUMMARY OF THE AGRONOMIC TRIALS CARRIED OUT BETWEEN EACH PRODUCT SEPARATELY AND COMPARISON WITH THE RESULTS OBTAINED BY THE FULL USE OF THE C. AYURVEDA PACK



Copyright YUKHA®

## INDOOR TRIALS UNDERSTANDING YIELDS

**YUKHA ONLY SHOWS RESULTS FROM INDOOR PRODUCTION AS IT IS MAINLY USED FOR CULTIVATION OF RECREATIONAL CANNABIS**

- There is a de facto convention that determines that:
  - Indoor plant yield is always **registered in grams / m<sup>2</sup>**
  - Outdoor plant yield is always **registered in grams / plants**

**YUKHA HAS ACHIEVED VERY SIGNIFICANT RESULTS IN INCREASING YIELDS IN INDOOR PRODUCTION**

- Yields normally obtained in indoor production for the **Super Skunk variety vary between 120 and 465 grams per m<sup>2</sup>**:
  - **7.5 grams** for the least performing producers
  - **29 grams** for the Super Skunk Champions

In the average Yukha trial, we get about **17.5 grams per control plant**

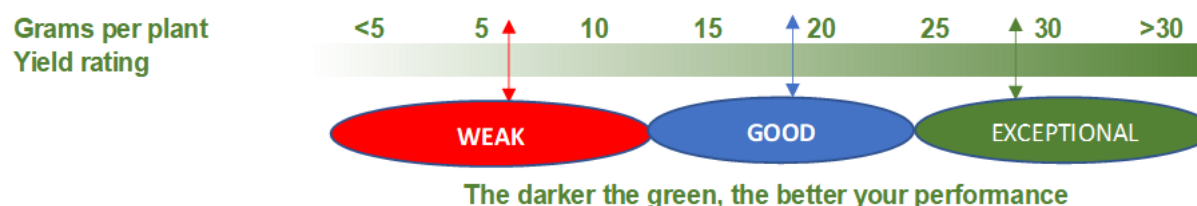


So, we can consider ourselves to be in the group of **good growers**



- ➔ The average yield obtained on plants **treated with C. Ayurveda Pack being 40.74 grams per plant**, we can consider an **increase of 135%** compared to the controls **but we can also say that we have improved the yield of the Super Skunk champions by 40.5%**

### TABLE OF YOUR YIELDS WITH THE VARIETY SUPER SKUNK



The Yukha Team



Copyright YUKHA®