



# PROMIX<sup>®</sup>

## EFFICACY REPORT MEDICINAL MARKET

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# PROMIX®

Introduced in 1968, PRO-MIX® has always provided commercial growers and consumers with cutting-edge and value-added growing media products. PRO-MIX® growing media are enhanced with high-performance active ingredients and are considered a reference in the market, as they represent innovative and unique solutions. Fine-tuned for growers who seek efficiency, superior plant quality, disease suppression and resistance to environmental stresses, PRO-MIX® optimizes results. Choose PRO-MIX® products with MYCORRHIZAE™, BIOFUNGICIDE™ / BIOSTIMULANT or both to deliver outstanding plant quality and crop performance!









## DESIGNING SUSTAINABLE AND EFFICIENT OFFERS TAILORED FOR THE INDUSTRY

Working for the industry has led us to develop a tailored offer that evolves along with the needs of the industry, extending beyond growing media to other sustainable media, and bringing effective growing systems adapted to the grower's environment.

Our vision is to exceed the expectations of our growers and to help them get the most out of their plants by offering tailored products and approachable, advantageous solutions with beneficial microorganisms.



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\*BIOSTIMULANT is only available in Canada

# EFFICACY REPORT

## 2017 - LOS SUENOS FARMS

LOS *Sueños*  
FARMS

### GREENHOUSE GROWING

#### CROP

Cannabis

#### STRAIN VARIETIES



#### LOCATION

Pueblo, Colorado

#### OBJECTIVE

Benchmark of PRO-MIX® HP® versus PRO-MIX® HP® MYCORRHIZAE™ versus PRO-MIX® HP® BIOFUNGICIDE™ + MYCORRHIZAE™

#### TREATMENTS

- A. PRO-MIX® HP®
- B. PRO-MIX® HP® MYCORRHIZAE™
- C. PRO-MIX® HP® BIOFUNGICIDE™ + MYCORRHIZAE™

#### PLANTS TESTED

955 plants total

#### TRANSITION DETAILS

Cuttings ▶ 1 gallon ▶ 10 gallons

#### FERTILITY

Los Suenos Farms Fertilisation program

#### DATA ANALYSIS

2017/07/15

### YIELD

Yield on SATIVA DURBAN POISON (average of 15 plants data)

Treatment	Yield (g/plant)	Increase
Treatment A	125	-
Treatment B	126	1%
Treatment C	164	31%

Yield on HYBRID GOLDEN TRIANGLE (average of 15 plants data)

Treatment	Yield (g/plant)	Increase
Treatment A	194	-
Treatment B	208	7%
Treatment C	220	13%

Yield on HYBRID BLUE DREAM (average of 15 plants data)

Treatment	Yield (g/plant)	Increase
Treatment A	168	-
Treatment B	204	21%
Treatment C	198	18%

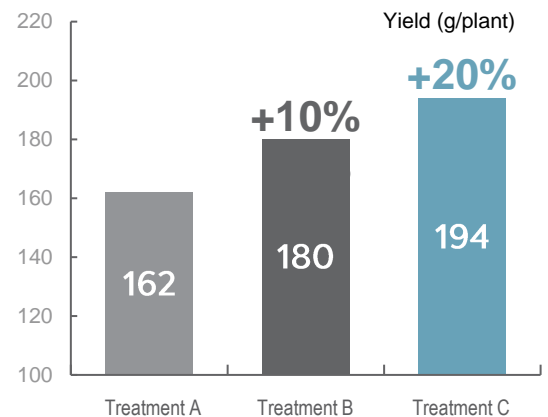


Treatment A

Treatment B

Treatment C

Yield on ALL STRAINS



# EFFICACY REPORT

## 2018 - LOS SUENOS FARMS

LOS *Sueños*  
FARMS

### OUTDOOR GROWING

#### CROP

Cannabis

#### STRAIN VARIETY



#### LOCATION

Pueblo, Colorado

#### OBJECTIVE

Evaluate the efficacy of the PRO-MIX® CONNECT™ mycorrhizal inoculant

#### TREATMENTS

- A. PRO-MIX® HP® MYCORRHIZAE™
- B. PRO-MIX® HP® MYCORRHIZAE™ with PRO-MIX® CONNECT™ mycorrhizal inoculant

#### PLANTS TESTED

226 plants

#### TRANSITION DETAILS

Cuttings ► 4 inches ► Field

#### FERTILITY

LSF Fertilisation program

#### DATA ANALYSIS

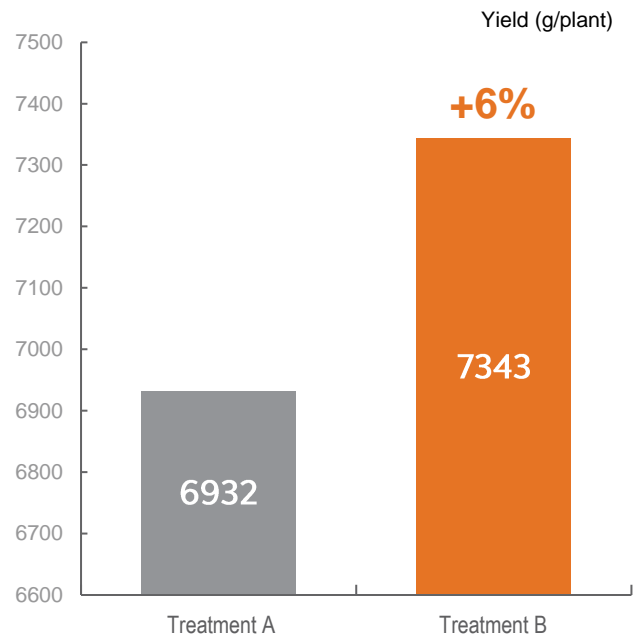
2018/10/15

### YIELD



Yield on HYBRIB GORILLA COOKIES (average of 113 plants data)

Treatment	Yield (g/plant)
Treatment A	6932
Treatment B	7343
Increase	+6%



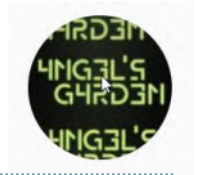
PREMIER  
TECH

**PRO-MIX**

with **CONNECT**  
HP

# EFFICACY REPORT

2022 – Le Jardin des Anges



## GREENHOUSE GROWING

### CROP

Cannabis

### STRAIN VARIETIES



### LOCATION

L'Ange-Gardien, Québec

### OBJECTIVE

Benchmark of PRO-MIX® HP® BIOSTIMULANT + MYCORRHIZAE™ (OTGB) versus PRO-MIX® HP® BIOSTIMULANT + MYCORRHIZAE™ (OTGB) with PRO-MIX® CONNECT™ Mycorrhizal inoculant

### TREATMENTS

- A. PRO-MIX® HP® BIOSTIMULANT\* + MYCORRHIZAE™ (OTGB)
- B. PRO-MIX® HP® BIOSTIMULANT\* + MYCORRHIZAE™ (OTGB) with PRO-MIX® CONNECT™ Mycorrhizal inoculant

### PLANTS TESTED

10 plants randomly selected

### TRANSITION DETAILS

Cuttings ► PRO-MIX® HP® + 1 cu. ft. OTGB

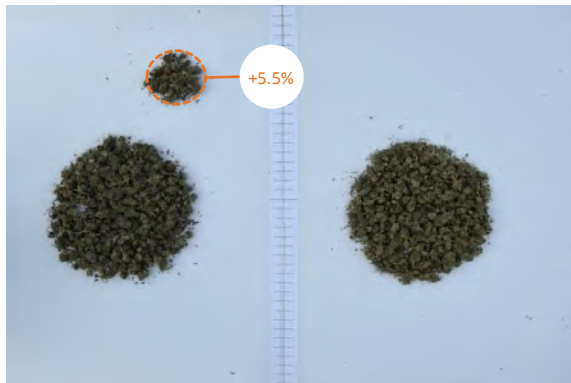
### FERTILITY

EM custom fertilizer

### DATA ANALYSIS

2022/12/05

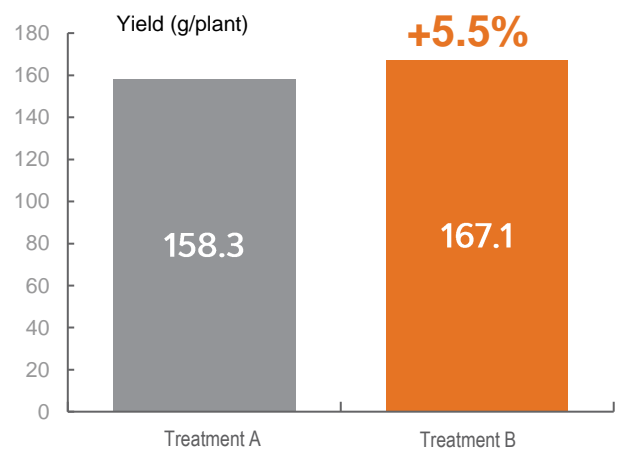
## YIELD



Treatment B



Treatment A

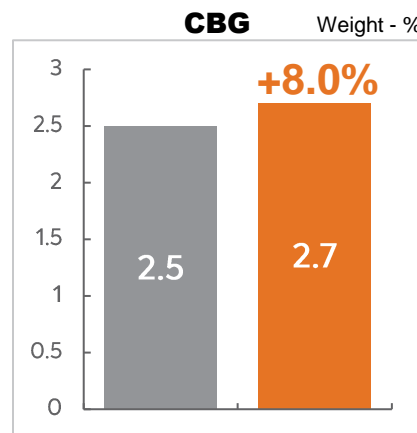
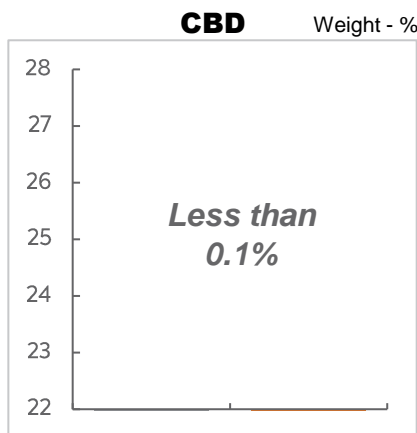
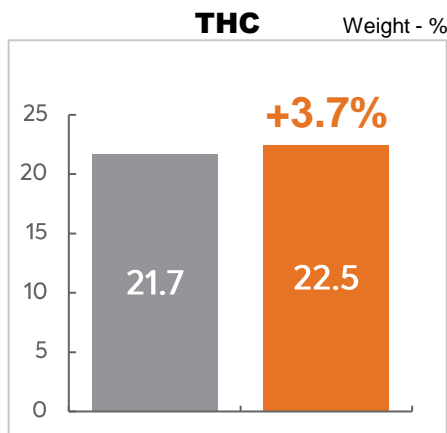


\*BIOSTIMULANT is only available in Canada

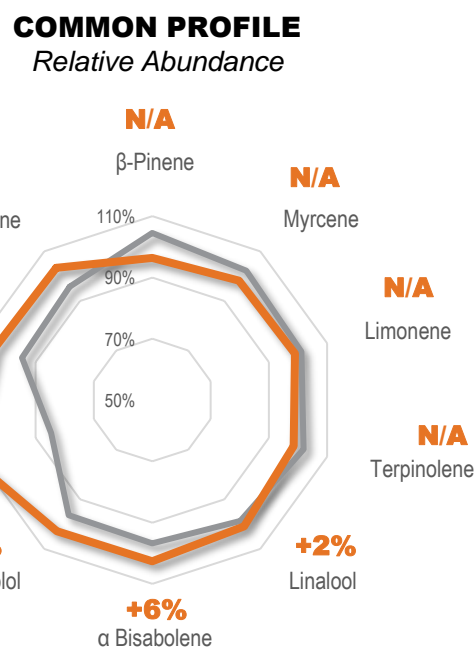
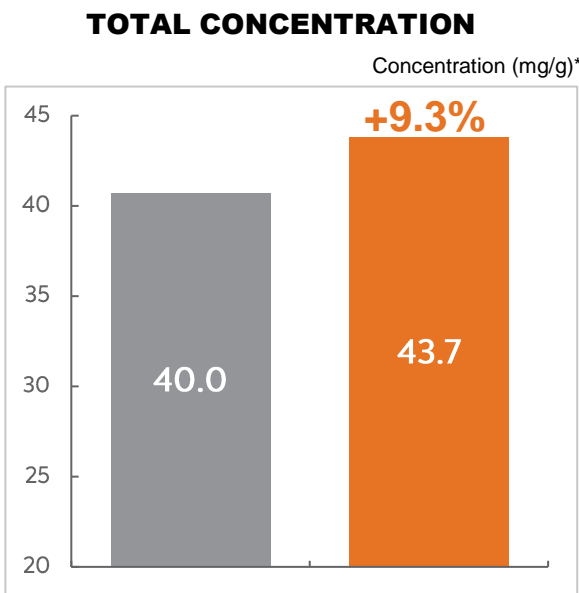
# EFFICACY REPORT

2022 – Le Jardin des Anges

## CANNABINOIDS



## TERPENES



\* Milligram of terpenes per gram of dry cannabis flower  
The extraction as been done with a DB-Wax Column

**LEGEND**

- Untreated
- Treated

Laboratoire **PhytoChemia**

Laboratory analysis provided by PhytoChemia

# EFFICACY REPORT

## 2019 - PURPLEFARM

PURPLEFARM

### INDOOR GROWING

#### CROP

Cannabis

#### STRAIN VARIETY



#### LOCATION

Prescott, Ontario

#### OBJECTIVE

Evaluate the efficacy of PRO-MIX® CONNECT™ mycorrhizal inoculant

#### TREATMENTS

- A. PRO-MIX® HP BIOSTIMULANT\* + MYCORRHIZAE™
- B. PRO-MIX® HP BIOSTIMULANT\* + MYCORRHIZAE™  
with PRO-MIX® CONNECT™ mycorrhizal inoculant

#### PLANTS TESTED

90 plants total

#### TRANSITION DETAILS

Cuttings ► 1 gallon ► 10 gallons

#### FERTILITY

Advanced Nutrients Program

#### DATA ANALYSIS

2019/03/11



### SAFETY RESULTS



Pesticides  
**PASSED**



Heavy Metal  
**PASSED**



Microbials  
**PASSED**



Mycotoxins  
**PASSED**



Water Activity  
**UNTESTED**



Moisture  
**PASSED**



### YIELD

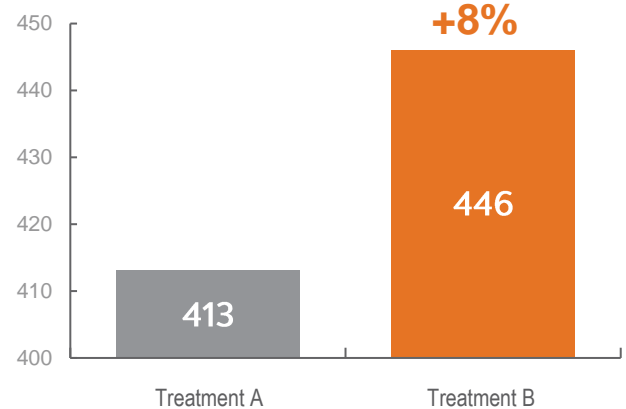
Yield (g/plant)

Yield per treatment



Treatment A

Treatment B



\*BIOSTIMULANT is only available in Canada

HP

with CONNECT



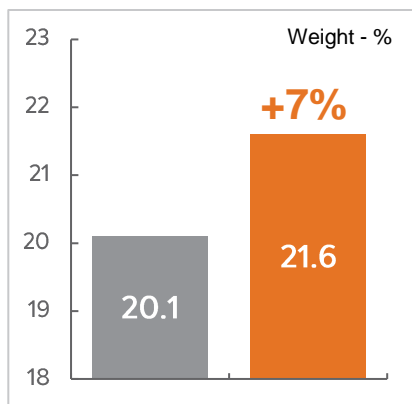
# EFFICACY REPORT

2019 - PURPLEFARM

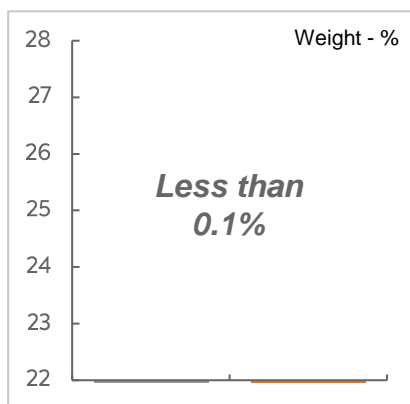


## CANNABINOIDS

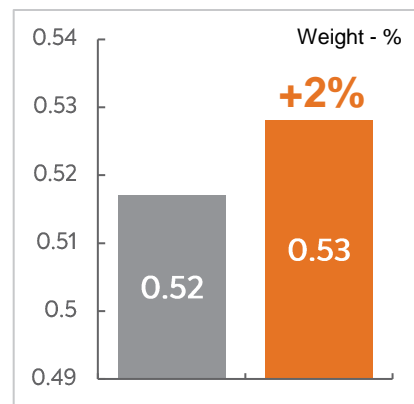
### THC



### CBD

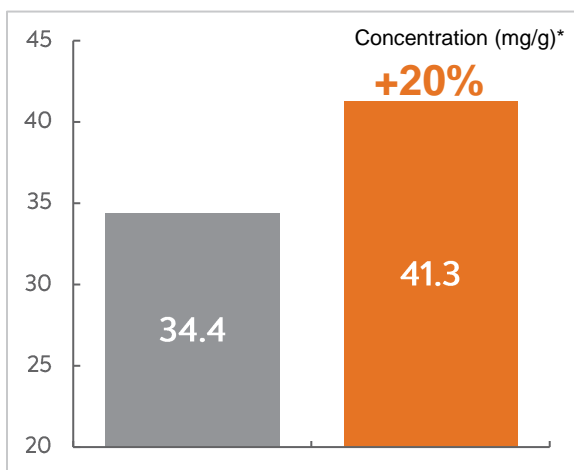


### CBG



## TERPENES

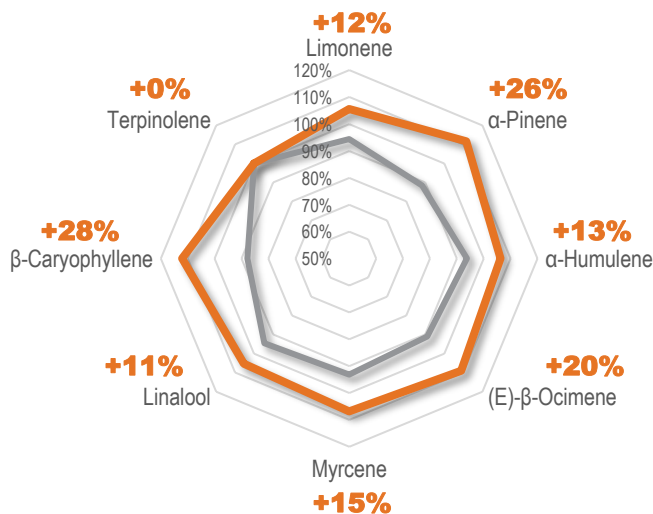
### TOTAL CONCENTRATION



\* Milligram of terpenes per gram of dry cannabis flower  
The extraction as been done with a DB-Wax Column

### COMMON PROFILE

Relative Abundance



#### LEGEND



Laboratoire  
**PhytoChemia**

Laboratory analysis provided by PhytoChemia



**PROMIX**

With **CONNECT**

HP

# EFFICACY REPORT

## 2018 - PURPLEFARM

PURPLEFARM

### INDOOR GROWING

#### CROP

Cannabis

#### STRAIN VARIETY



#### LOCATION

Prescott, Ontario

#### OBJECTIVE

Evaluate the efficacy of the PRO-MIX® CONNECT™ mycorrhizal inoculant

#### TREATMENTS

- A. PRO-MIX® HP BIOSTIMULANT\* + MYCORRHIZAE™  
 B. PRO-MIX® HP BIOSTIMULANT\* + MYCORRHIZAE™  
 with PRO-MIX® CONNECT™ mycorrhizal inoculant

#### PLANTS TESTED

84 plants total

#### TRANSITION DETAILS

Cuttings ▶ 1 gallon ▶ 10 gallons

#### FERTILITY

Advanced Nutrients Program

#### DATA ANALYSIS

2018/10/15



### SAFETY RESULTS



Pesticides  
**PASSED**



Heavy Metal  
**PASSED**



Microbials  
**PASSED**



Mycotoxins  
**PASSED**



Water Activity  
**UNTESTED**



Moisture  
**PASSED**



### YIELD

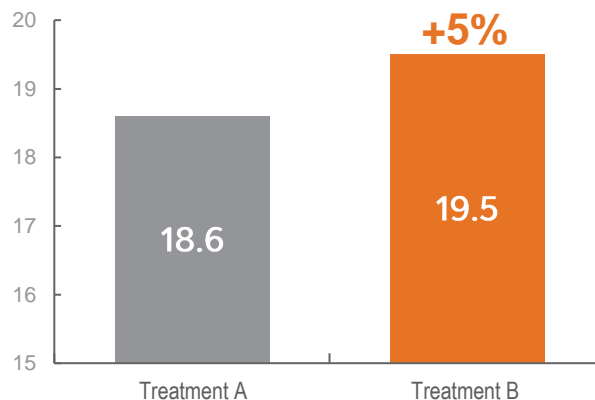
Yield per treatment



Treatment A

Treatment B

Yield (g/flower)

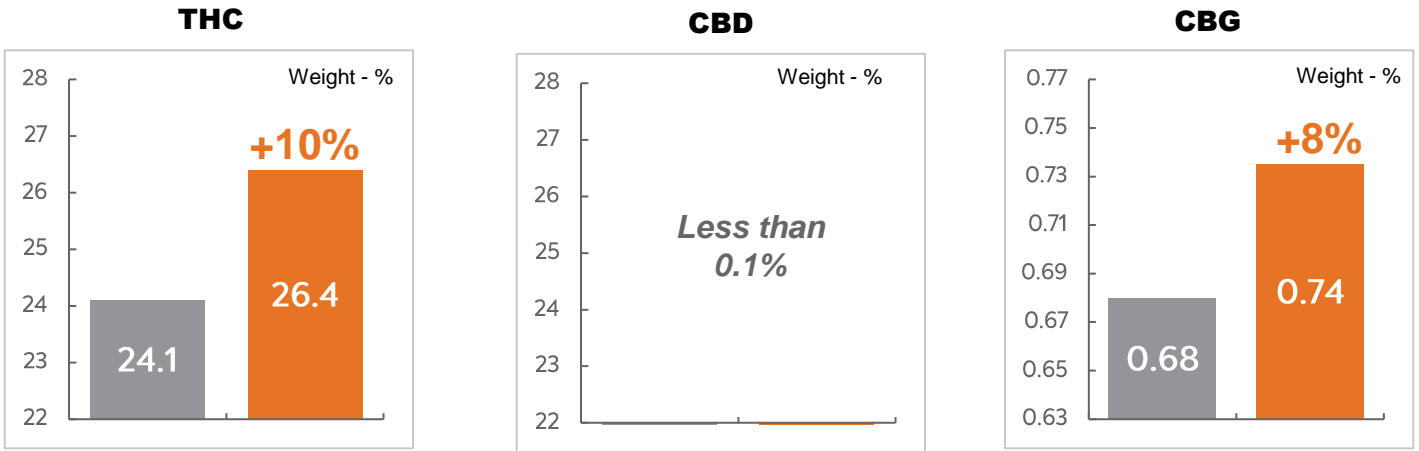


\*BIOSTIMULANT is only available in Canada

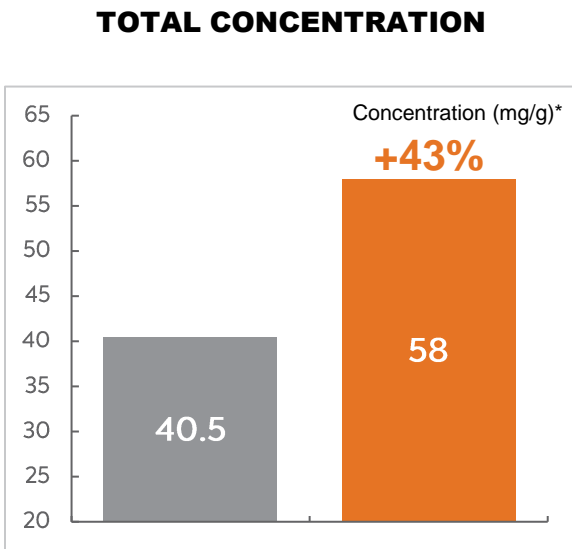
# EFFICACY REPORT

2018 - PURPLEFARM

## CANNABINOIDS



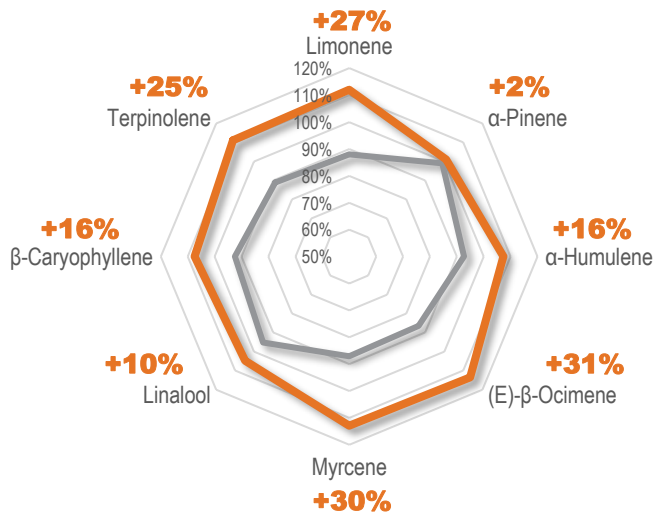
## TERPENES



\* Milligram of terpenes per gram of dry cannabis flower  
The extraction as been done with a DB-Wax Column

### COMMON PROFILE

Relative Abundance



### LEGEND

- Untreated
- Treated

Laboratoire  
**PhytoChemia**

Laboratory analysis provided by PhytoChemia

# EFFICACY REPORT

## 2017 - LOS SUENOS FARMS

LOS *Sueños*  
FARMS

### GREENHOUSE GROWING

#### CROP

Cannabis

#### STRAIN VARIETIES



#### LOCATION

Pueblo, Colorado

#### OBJECTIVE

Evaluate the efficacy of the PRO-MIX® CONNECT™ mycorrhizal inoculant

#### TREATMENTS

- A. PRO-MIX® HP® BIOFUNGICIDE™ + MYCORRHIZAE™  
 B. PRO-MIX® HP® BIOFUNGICIDE™ + MYCORRHIZAE™  
 with PRO-MIX® CONNECT™ mycorrhizal inoculant

#### PLANTS TESTED

955 plants total

#### TRANSITION DETAILS

Cuttings ▶ 1 gallon ▶ 10 gallons

#### FERTILITY

Los Suenos Farms fertilisation program

#### DATA ANALYSIS

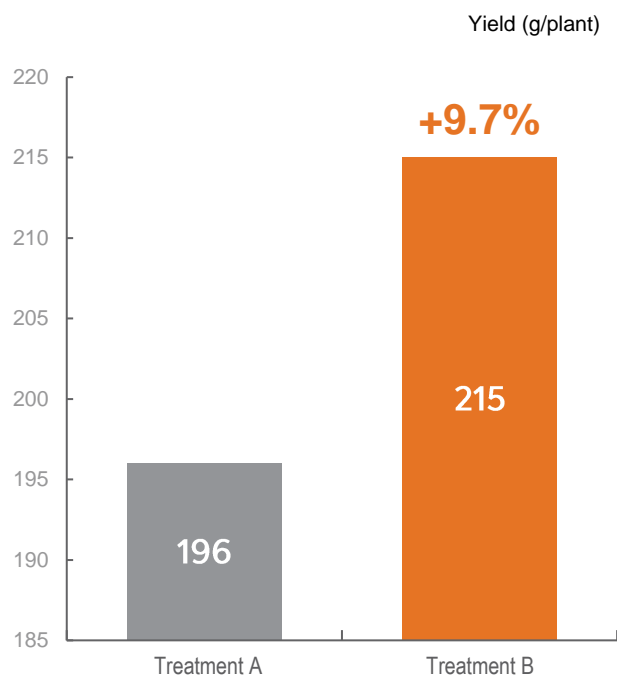
2017/07/15

### YIELD



Yield on ALL STRAINS

Treatment	Yield (g/plant)
Treatment A	196
Treatment B	215
Increase	+9.7%



with **CONNECT**  
HP



# EFFICACY REPORT

2021 – The Hemp Mine

## FIELD GROWING

### CROP

Hemp

### STRAIN VARIETIES



### LOCATION

Fair Play, South Carolina

### OBJECTIVE

Evaluate the efficacy of the PRO-MIX® CONNECT™ mycorrhizal inoculant on the yield and *Fusarium* sp. resistance of outdoors hemp culture

### TREATMENTS

- A. Without mycorrhizal inoculant – Untreated
- B. With PRO-MIX® CONNECT™ mycorrhizal inoculant - Treated

### PLANTS TESTED

100 plants total (50 per strain)

### TRANSITION DETAILS

Cuttings ► Field transplant

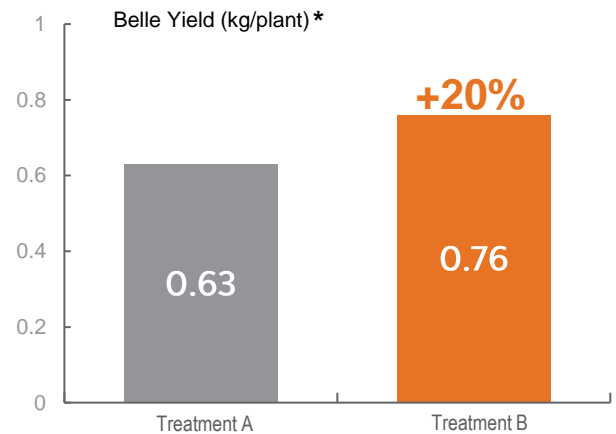
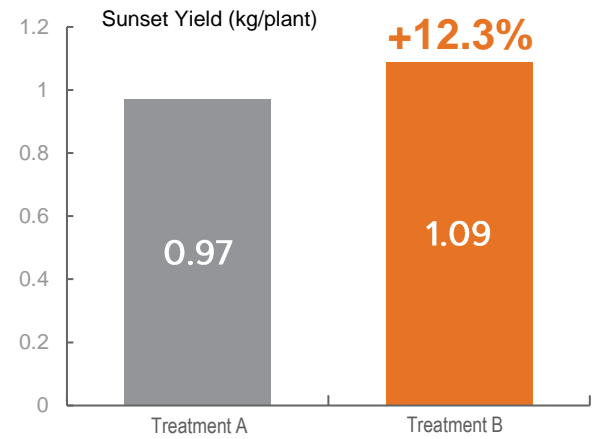
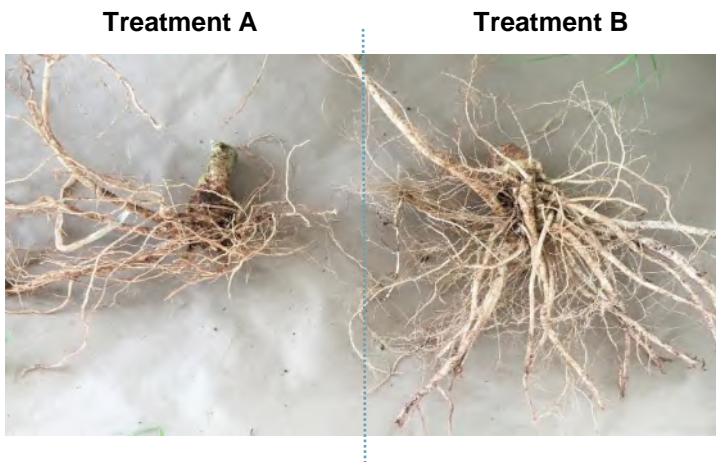
### FERTILITY

N/A

### DATA ANALYSIS

2022/03/01

## YIELD



\* Mean yield are significantly different according to an ANOVA and a Tukey HSD test (p<0.1)

# EFFICACY REPORT

## 2021 – ENTOURAGE HEALTH CORP.



### INDOOR GROWING

#### CROP

Cannabis

#### STRAIN VARIETY



#### LOCATION

Toronto, Ontario

#### OBJECTIVE

Evaluate the efficacy of the PRO-MIX® CONNECT™ mycorrhizal inoculant on the growth and production of cannabis indoors in Rockwool media

#### TREATMENTS

- A. Without mycorrhizal inoculant - Untreated
- B. With PRO-MIX® CONNECT™ mycorrhizal inoculant - Treated

#### PLANTS TESTED

900 plants total

#### TRANSITION DETAILS

Cuttings ▶ 72 cells rockwool trays ▶ Rockwool Delta Block

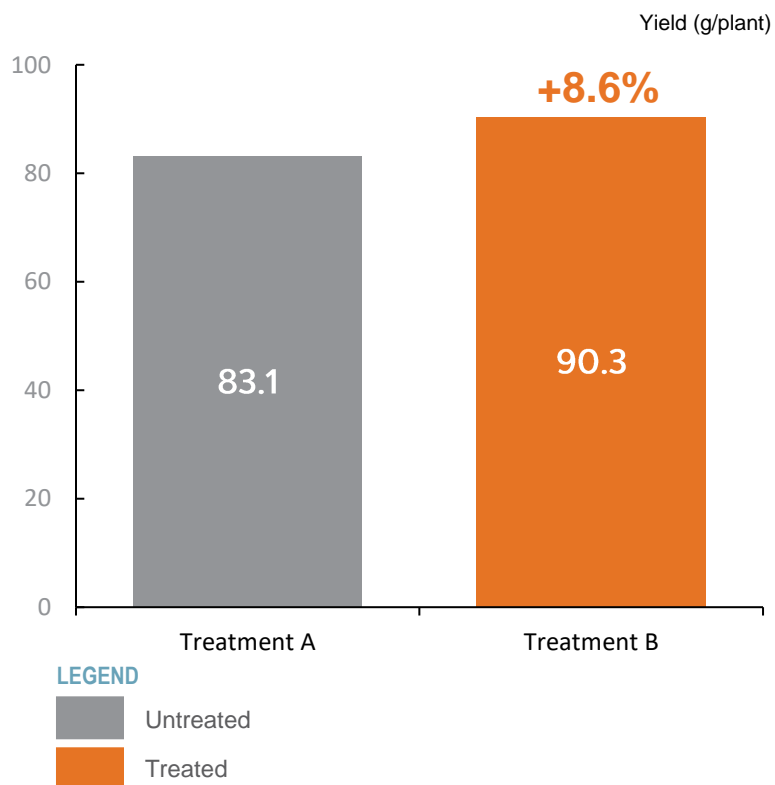
#### FERTILITY

Plant Prods MJ lineup

#### DATA ANALYSIS

2021/10/06

### YIELD

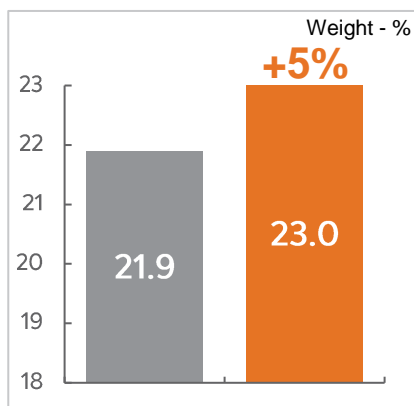


# EFFICACY REPORT

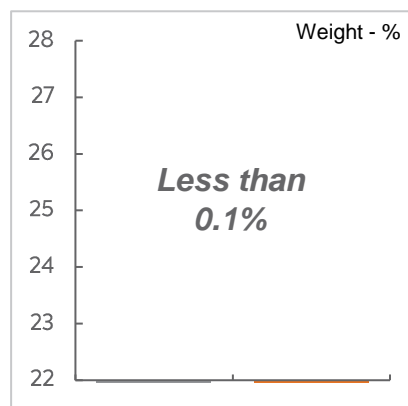
2021 – ENTOURAGE HEALTH CORP.

## CANNABINOIDS

### THC

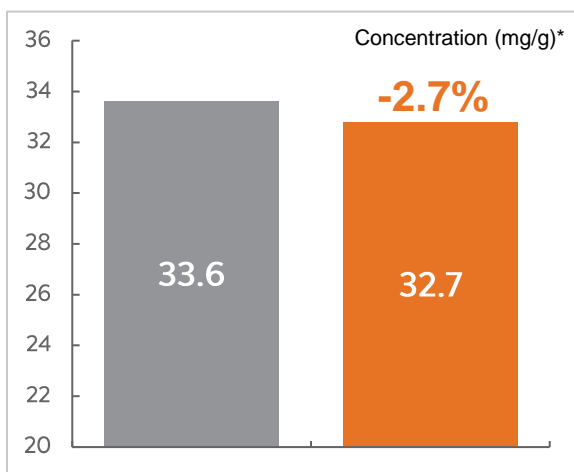


### CBD



## TERPENES

### TOTAL CONCENTRATION

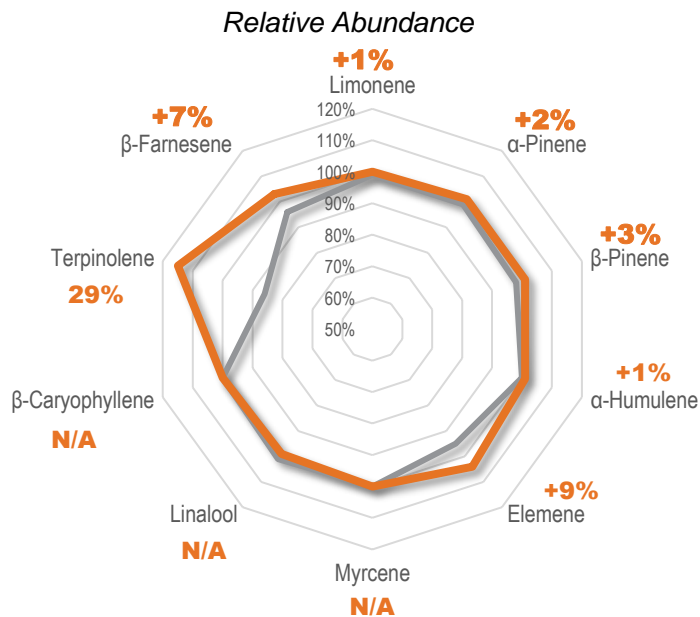


\* Milligram of terpenes per gram of dry cannabis flower  
The extraction has been done with a DB-Wax Column

#### LEGEND

- Untreated
- Treated

### COMMON PROFILE



Laboratoire  
**PhytoChemia**

Laboratory analysis provided by PhytoChemia

# EFFICACY REPORT

## 2019 - HERITAGE FARMACY

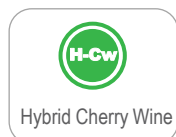


### OUTDOOR GROWING

#### CROP

Hemp

#### STRAIN VARIETY



#### LOCATION

Gainesville, Florida

#### OBJECTIVE

Evaluate the efficacy of the PRO-MIX® CONNECT™ mycorrhizal inoculant

#### TREATMENTS

- A. Without mycorrhizal inoculant – Untreated
- B. With PRO-MIX® CONNECT™ mycorrhizal inoculant - Treated

#### PLANTS TESTED

40 plants total

#### TRANSITION DETAILS

Cuttings ▶ 4 inches ▶ Field

#### DATA ANALYSIS

2019/10/18

### YIELD

Yield per treatment

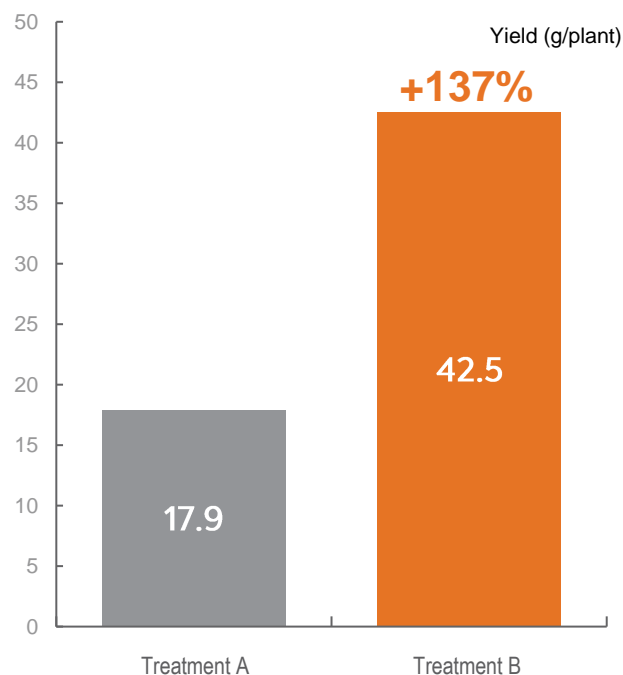
Treatment	Yield (g/plant)
Treatment A	17.9
Treatment B	42.5

Total yield per treatment – 20 plants per treatment



20 Plants – 357.2g  
Treatment A

20 Plants – 850.2g  
Treatment B



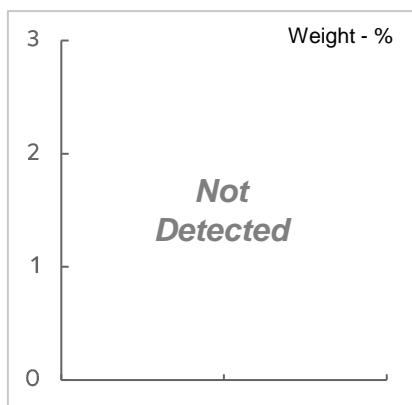


# EFFICACY REPORT

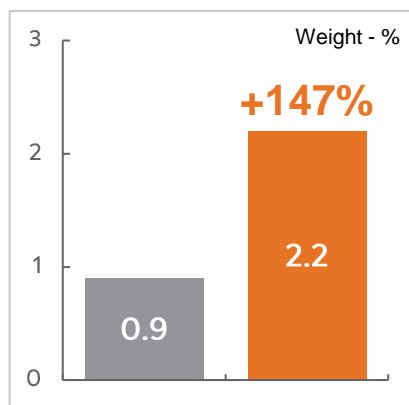
## 2019 - HERITAGE FARMACY

### CANNABINOIDS

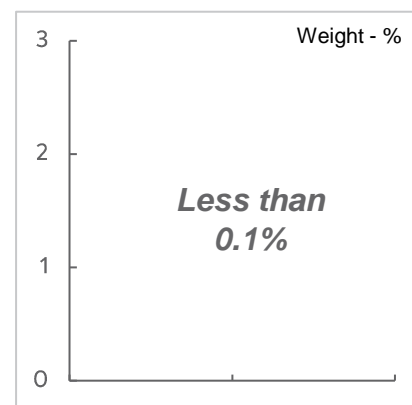
#### THC



#### CBD

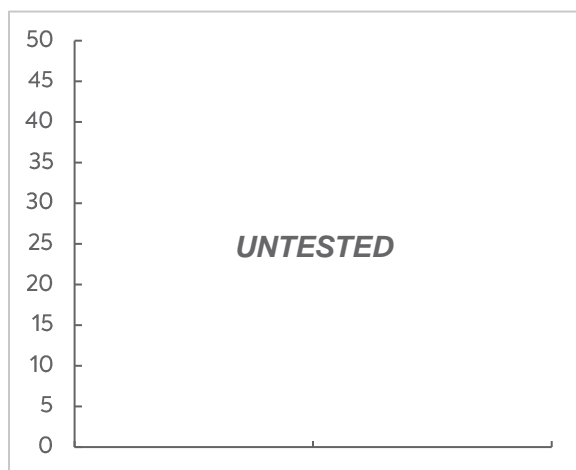


#### CBG



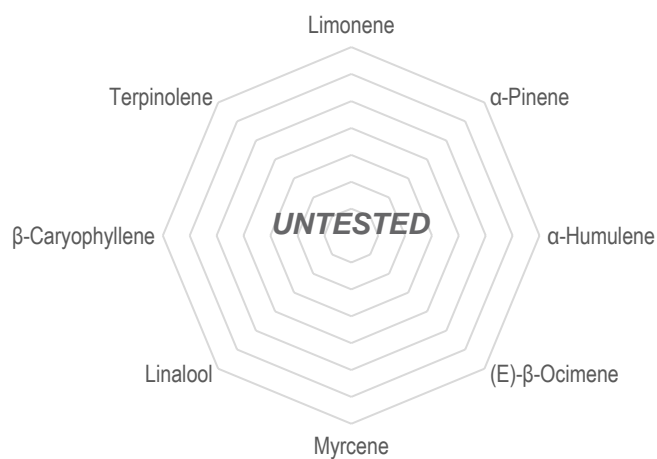
### TERPENES

#### TOTAL CONCENTRATION



#### COMMON PROFILE

*Relative Abundance*



#### LEGEND



Laboratory analysis provided by Fouser Environmental Services

# EFFICACY REPORT

## 2019 - MOUSKA CHANVRE



### OUTDOOR GROWING

#### CROP

Hemp

#### STRAIN VARIETY



#### LOCATION

Saint-Lambert-de-Lauzon, Québec

#### OBJECTIVE

Evaluate the efficacy of the PRO-MIX® CONNECT™ mycorrhizal inoculant

#### TREATMENTS

- A. Without mycorrhizal inoculant - Untreated
- B. With PRO-MIX® CONNECT™ mycorrhizal inoculant - Treated

#### PLANTS TESTED

361 plants

#### TRANSITION DETAILS

Seeds ▶ Plugs ▶ 4 inches ▶ Field

#### DATA ANALYSIS

2019/09/12

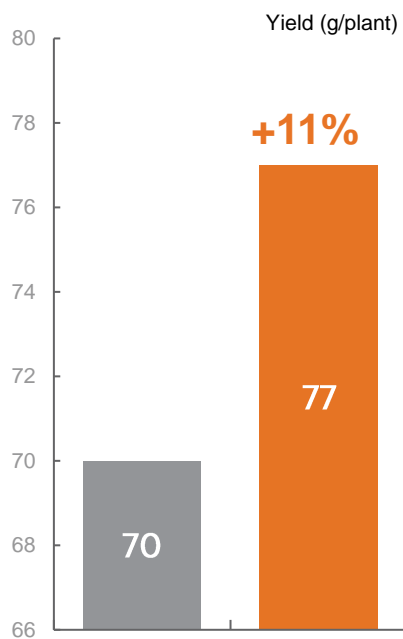
### YIELD



Treatment A

Treatment B

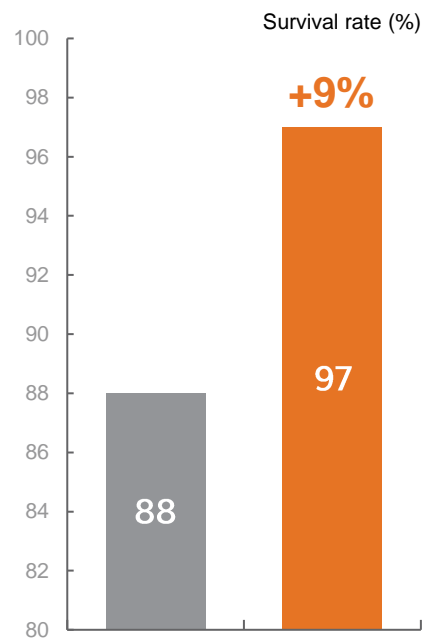
Yield per treatment



Treatment A

Treatment B

Survival rate per treatment



Treatment A

Treatment B



# EFFICACY REPORT

## 2021 – LE JARDIN DES ANGES

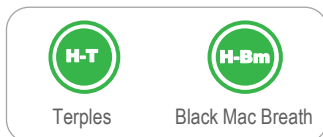


### GREENHOUSE GROWING

#### CROP

Cannabis

#### STRAIN VARIETIES



#### LOCATION

L'Ange-Gardien, Québec

#### OBJECTIVE

Evaluate the efficacy of the PRO-MIX® CONNECT™ mycorrhizal inoculant

#### TREATMENTS

- A. PRO-MIX® HPO BIOSTIMULANT\* + MYCORRHIZAE™
- B. PRO-MIX® HPO BIOSTIMULANT\* + MYCORRHIZAE™ with PRO-MIX® CONNECT™ mycorrhizal inoculant

#### PLANTS TESTED

31 plants total

#### TRANSITION DETAILS

Cuttings ► Organic beds

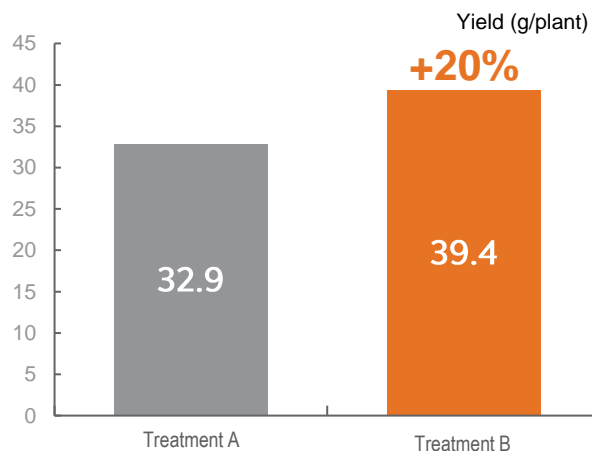
#### FERTILITY

EM custom fertilizer

#### DATA ANALYSIS

2021/12/10

### YIELD

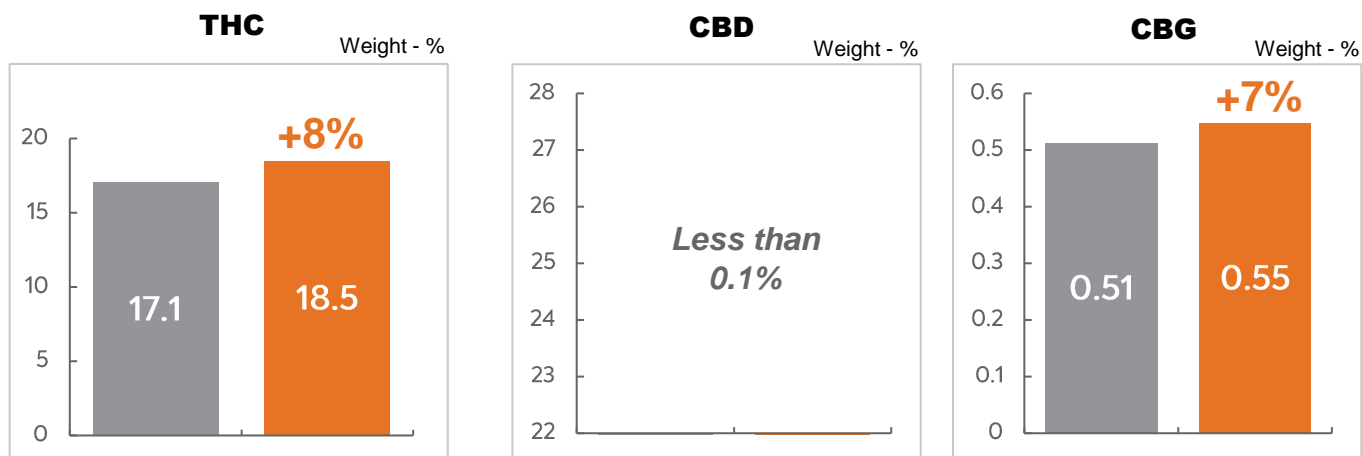


\*BIOSTIMULANT is only available in Canada

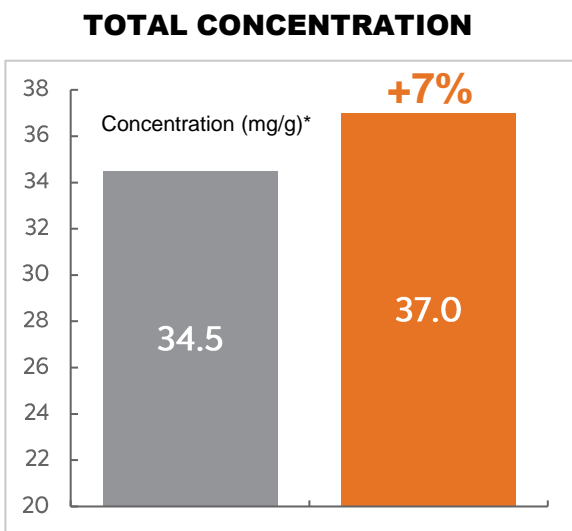
# EFFICACY REPORT

2021 – LE JARDIN DES ANGES

## CANNABINOIDS ALL STRAINS

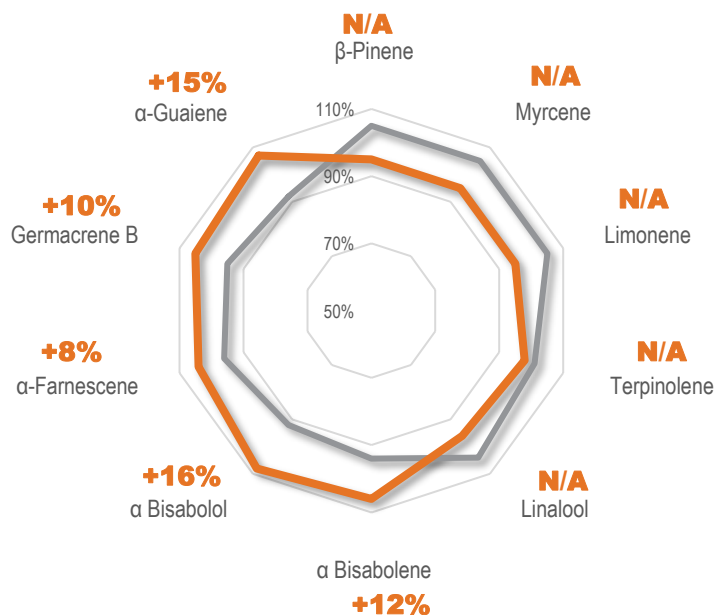


## TERPENES ALL STRAIN



### COMMON PROFILE

Relative Abundance



\* Milligram of terpenes per gram of dry cannabis flower  
The extraction has been done with a DB-Wax Column

### LEGEND



Laboratoire  
**PhytoChemia**  
Laboratory analysis provided by PhytoChemia

# EFFICACY REPORT

2023 – PEGASUS Michigan

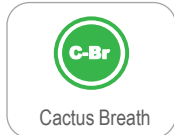


## INDOOR GROWING

### CROP

Cannabis

### STRAIN VARIETY



### LOCATION

Jackson, Michigan

### OBJECTIVE

Measure the performance of PRO-MIX® CX compared to competitor.

### TREATMENTS

- A. Competitor
- B. PRO-MIX® CX

### PLANTS TESTED

224 plants

### DATA ANALYSIS

2023/07/28

## SAFETY RESULTS



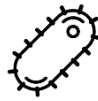
Pesticides

...



Heavy Metal

...



Microbials

...



Mycotoxins

...



Water Activity

...



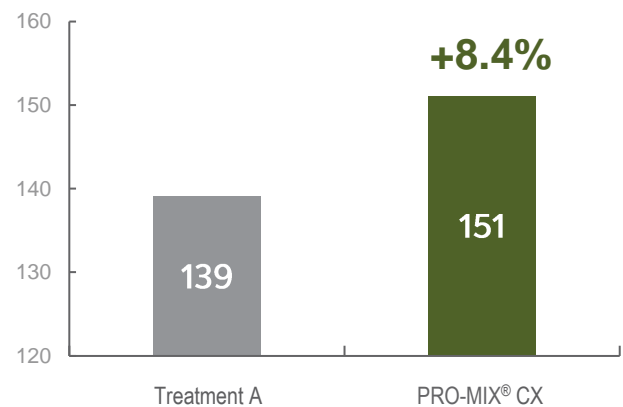
Moisture

...

## YIELD



Average Dry Flower Weight (g/plant)



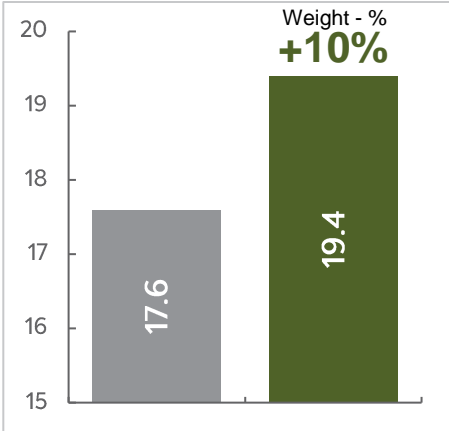
**PROMIX**

# EFFICACY REPORT

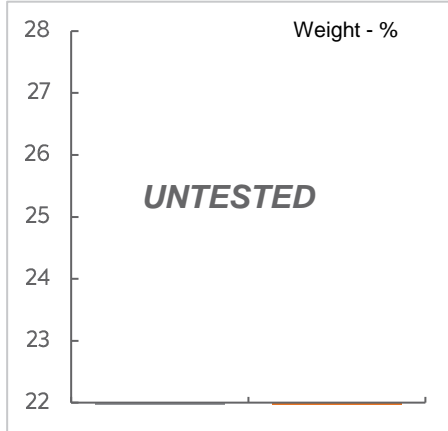
2023 – PEGASUS Michigan

## CANNABINOIDS

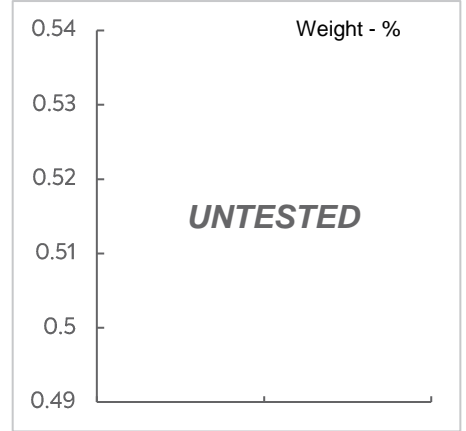
### THC



### CBD

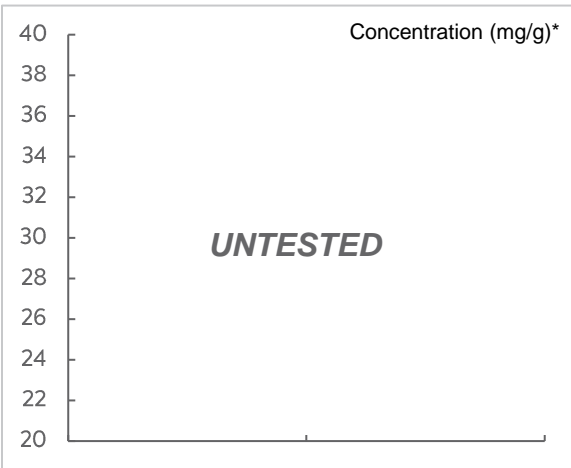


### CBG



## TERPENES

### TOTAL CONCENTRATION



\* Milligram of terpenes per gram of dry cannabis flower  
The extraction has been done with a DB-Wax Column

#### LEGEND

- Untreated
- Treated

# EFFICACY REPORT

## 2020 - PURPLEFARM

### INDOOR GROWING

#### CROP

Cannabis

#### STRAIN VARIETY



#### TREATMENTS

- A. Competitor
- B. PRO-MIX® CX

#### PLANTS TESTED

72 plants (24 per treatment type)

#### LOCATION

Prescott, Ontario

#### DATA ANALYSIS

2020/06/17

#### OBJECTIVE

Measure the performance of PRO-MIX® CX compared to competitor A.

### SAFETY RESULTS



Pesticides  
**PASSED**



Heavy Metal  
**PASSED**



Microbials  
**PASSED**



Mycotoxins  
**PASSED**



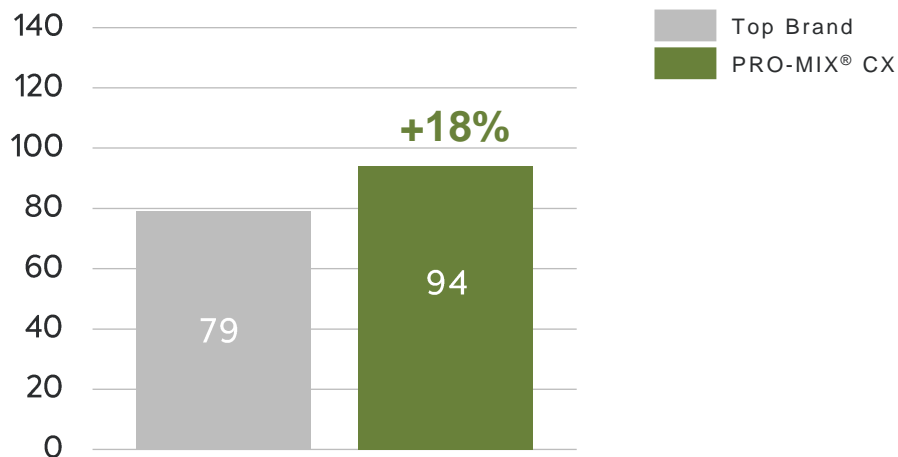
Water Activity  
**UNTESTED**



Moisture  
**PASSED**

### YIELD

Average Dry Flower Weight (g/plant)





# EFFICACY REPORT

2020 - PURPLEFARM

## INDOOR GROWING

### CROP

Cannabis

### STRAIN VARIETY



### LOCATION

Prescott, Ontario

### OBJECTIVE

Measure the performance of PRO-MIX® CX compared to competitor A.

### TREATMENTS

- A. Competitor
- B. PRO-MIX® CX BIOSTIMULANT\*

### PLANTS TESTED

72 plants (24 per treatment type)

### DATA ANALYSIS

2020/06/17



## SAFETY RESULTS



Pesticides  
**PASSED**



Heavy Metal  
**PASSED**



Microbials  
**PASSED**



Mycotoxins  
**PASSED**



Water Activity  
**UNTESTED**

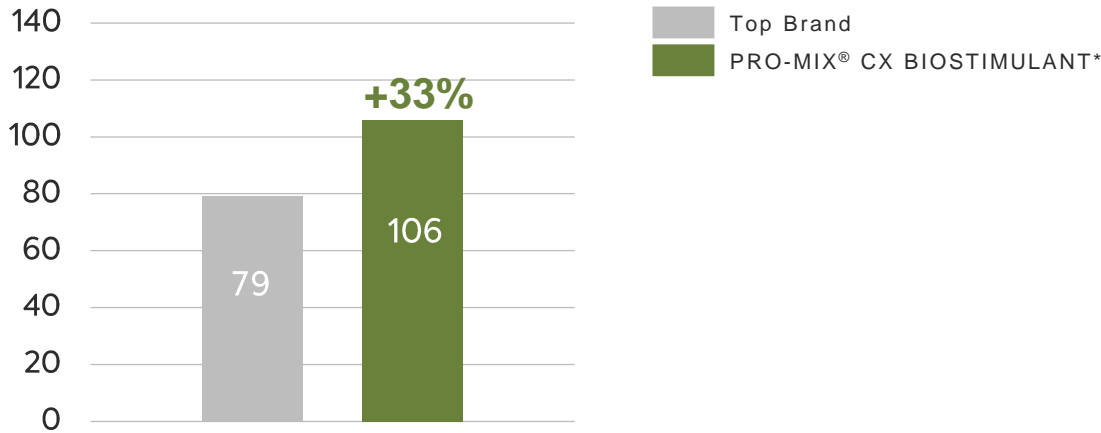


Moisture  
**PASSED**



## YIELD

Average Dry Flower Weight (g/plant)



\*BIOSTIMULANT is only available in Canada

PREMIER  
TECH

**PRO-MIX**

CX

## YOUR SUCCESS, OUR PASSION

At PRO-MIX<sup>®</sup>, we care about the successful development of your business and your environment. This efficacy report will provide you with relevant information, helping you decide which products can provide you with more benefits, higher yields, terpene profile percentages and cannabinoid concentrations.



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