



PROMIX[®]

EFFICACY REPORT MEDICINAL MARKET



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.

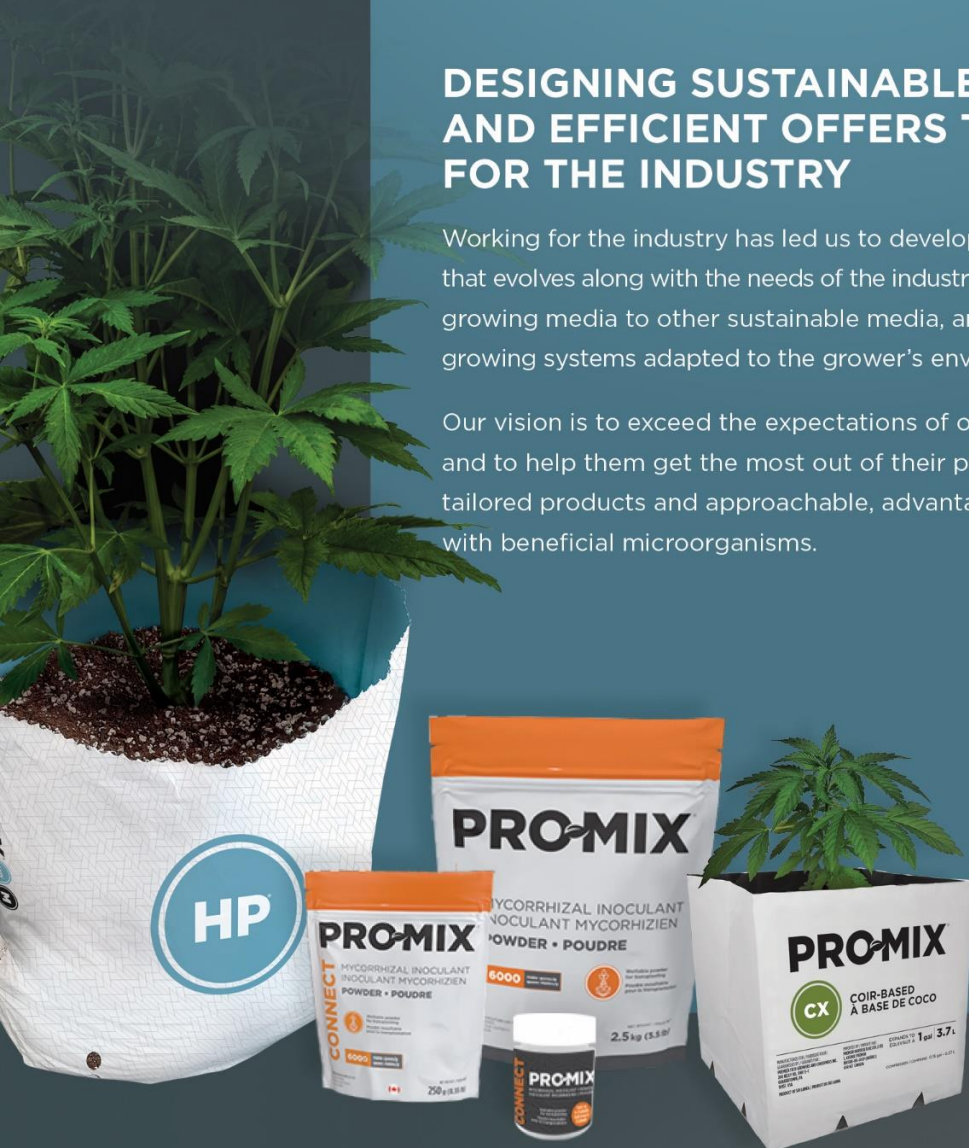










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*BIOSTIMULANT is only available in Canada

EFFICACY REPORT

2017 - LOS SUENOS FARMS



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%

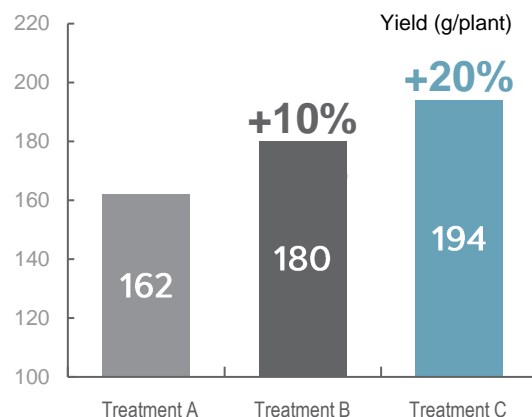


Treatment A

Treatment B

Treatment C

Yield on ALL STRAINS



EFFICACY REPORT

2018 - LOS SUENOS FARMS

LOS *Sueños*
THE FARM

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

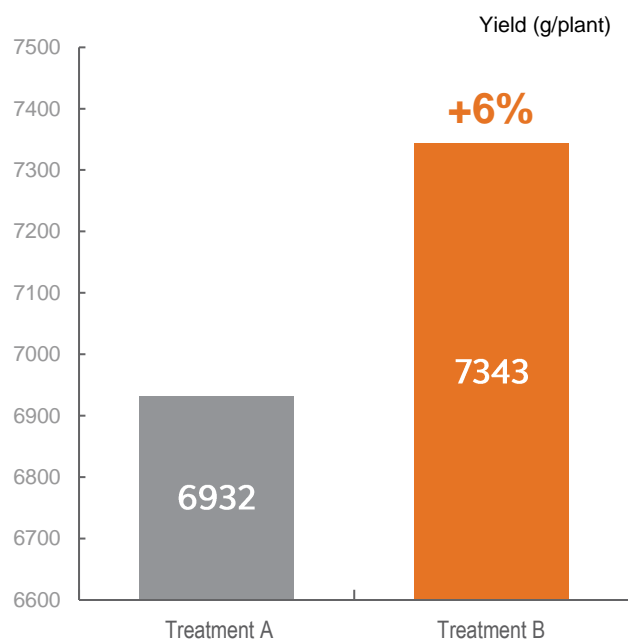


YIELD



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

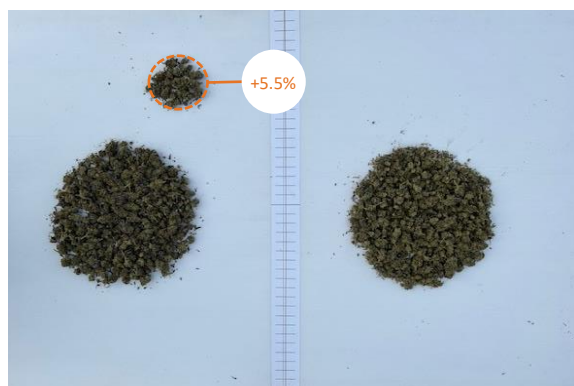
FERTILITY

EM custom fertilizer

DATA ANALYSIS

2022/12/05

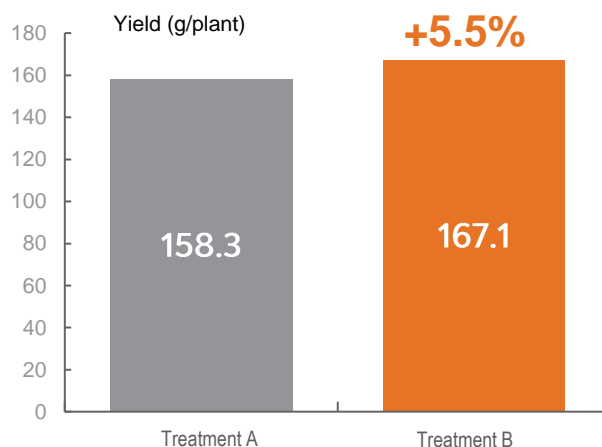
YIELD



Treatment B



Treatment A



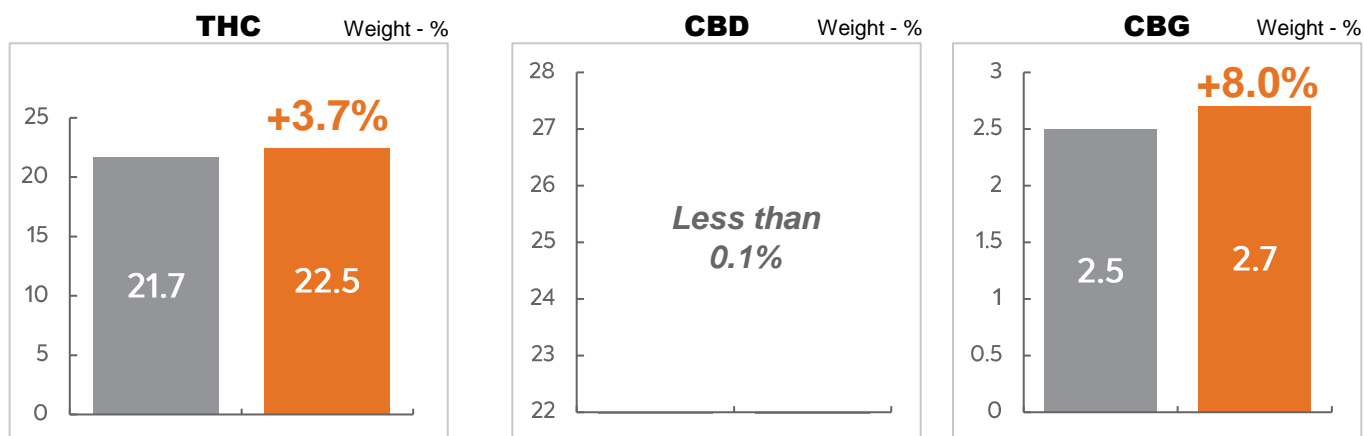
*BIOSTIMULANT is only available in Canada

EFFICACY REPORT

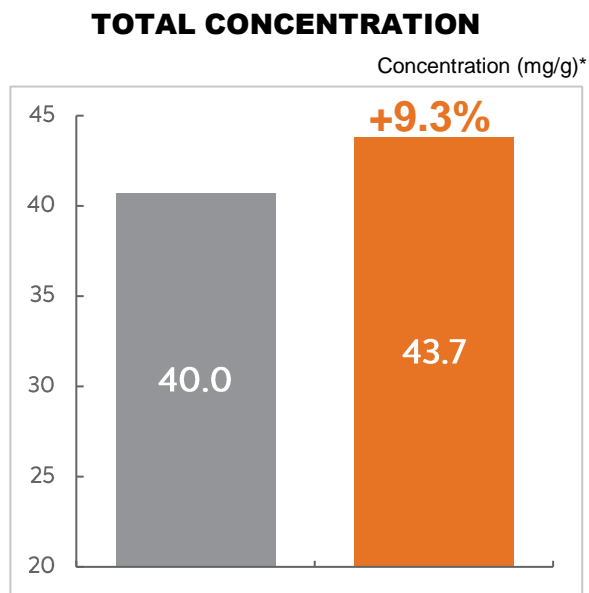
2022 – Le Jardin des Anges



CANNABINOIDS



TERPENES



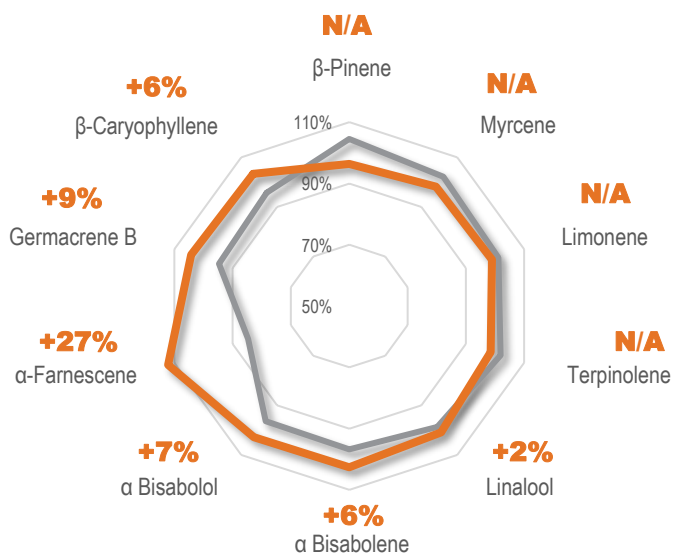
* Milligram of terpenes per gram of dry cannabis flower
The extraction has been done with a DB-Wax Column

LEGEND



COMMON PROFILE

Relative Abundance



Laboratoire
PhytoChemia

Laboratory analysis provided by PhytoChemia

PREMIER
TECH

PROMIX

with **CONNECT**
HP

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

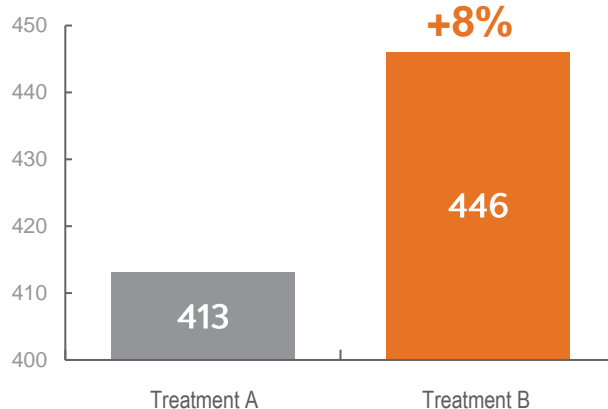
Yield (g/plant)

Yield per treatment



Treatment A

Treatment B



*BIOSTIMULANT is only available in Canada

with **CONNECT**

HP

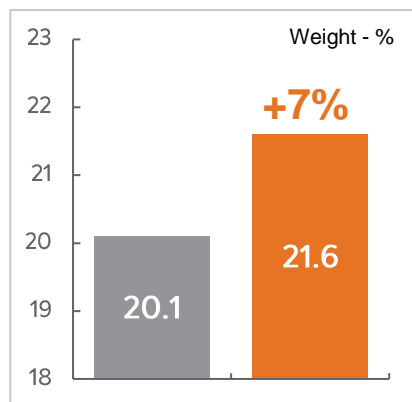
EFFICACY REPORT

2019 - PURPLEFARM

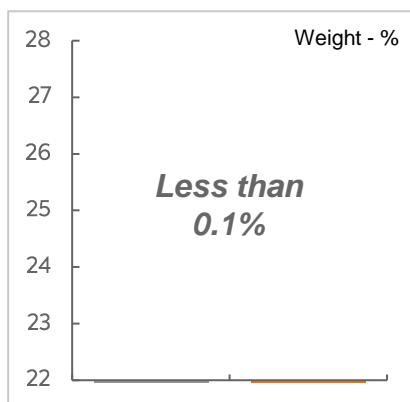


CANNABINOIDS

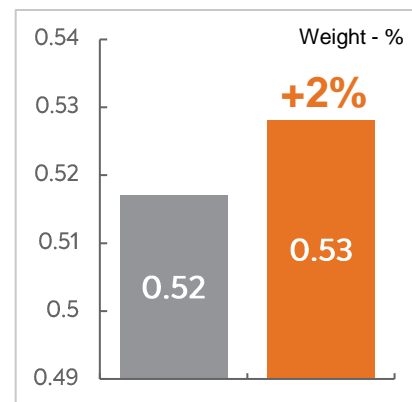
THC



CBD

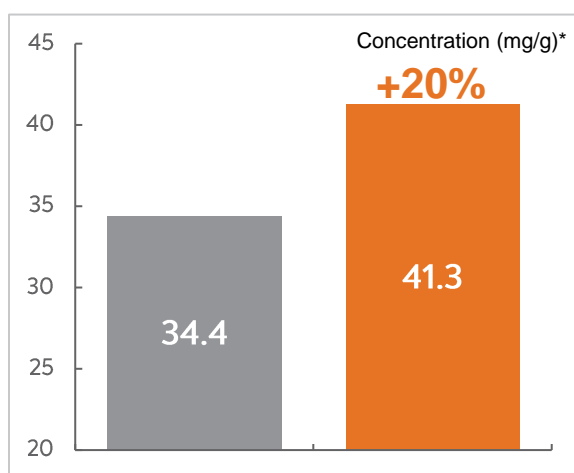


CBG



TERPENES

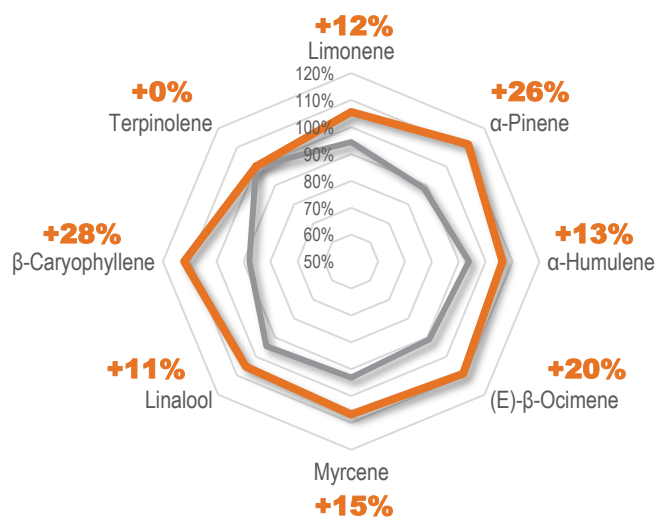
TOTAL CONCENTRATION



* 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

PREMIER
TECH

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

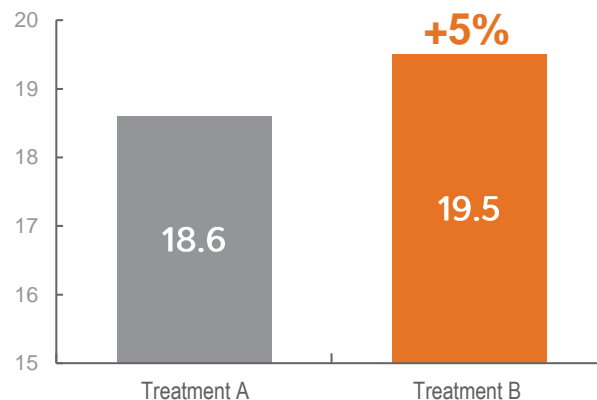
Yield per treatment



Treatment A

Treatment B

Yield (g/flower)



*BIOSTIMULANT is only available in Canada

with CONNECT
HP

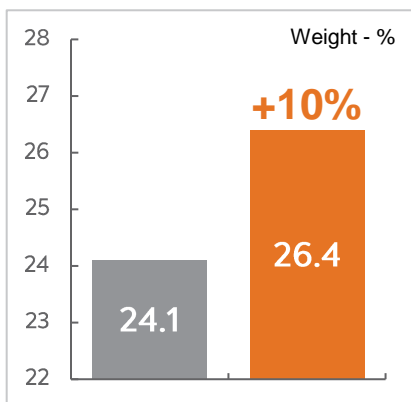
EFFICACY REPORT

2018 - PURPLEFARM

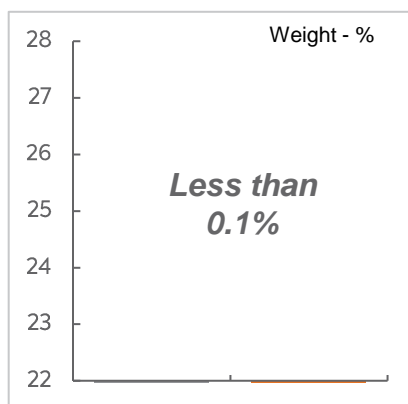


CANNABINOIDS

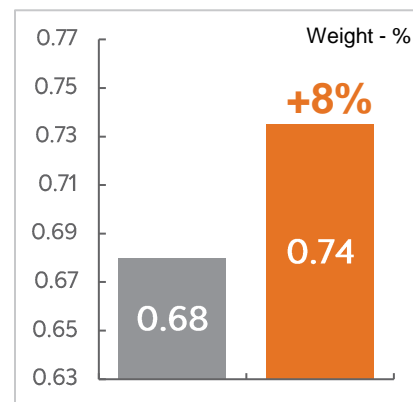
THC



CBD

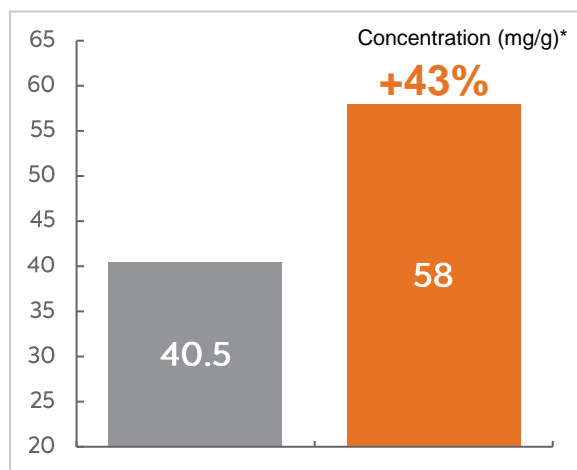


CBG



TERPENES

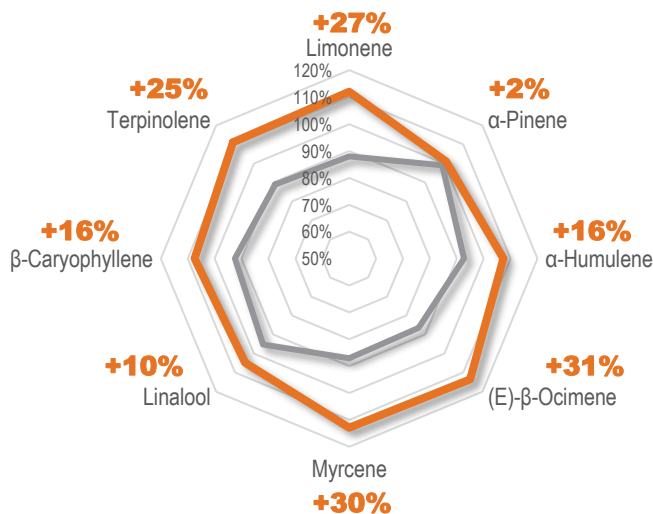
TOTAL CONCENTRATION



* 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

PREMIER
TECH

PROMIX

with **CONNECT**

HP

EFFICACY REPORT

2017 - LOS SUENOS 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

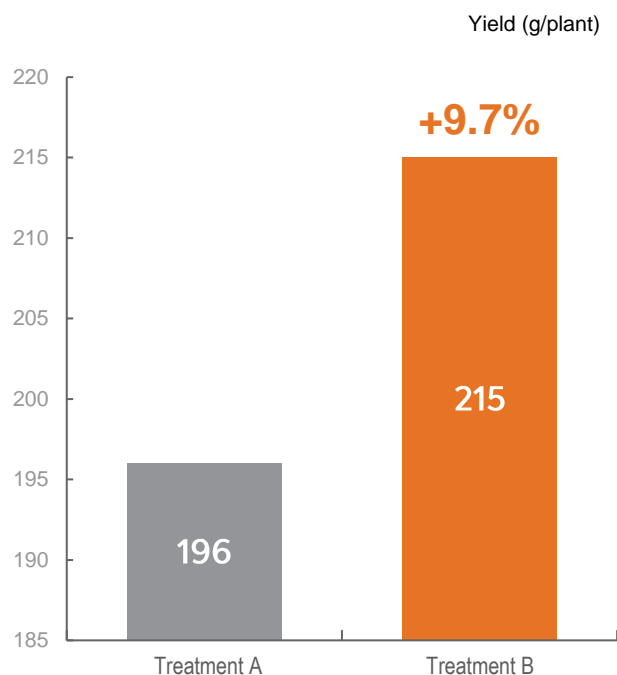
2017/07/15

YIELD



Yield on ALL STRAINS

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





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

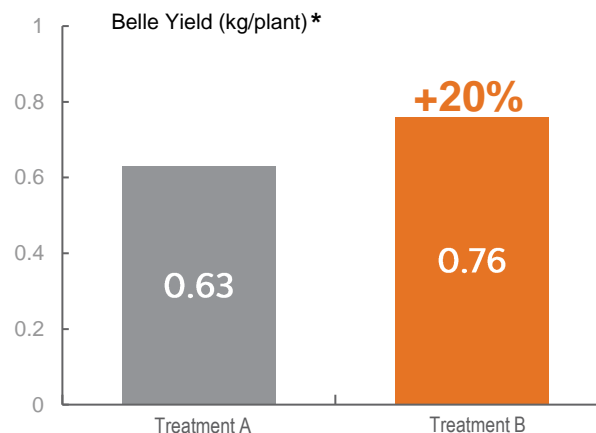
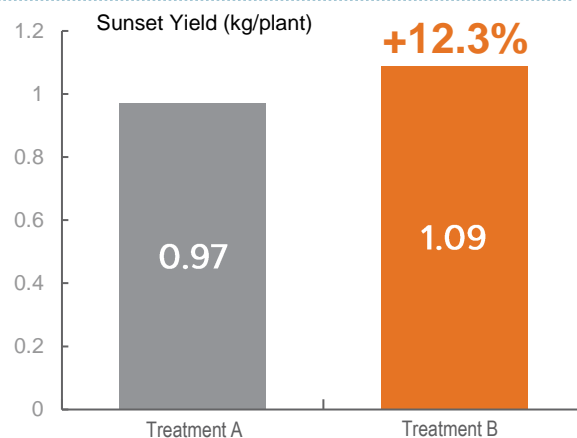
2022/03/01



YIELD

Treatment A

Treatment B



* 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

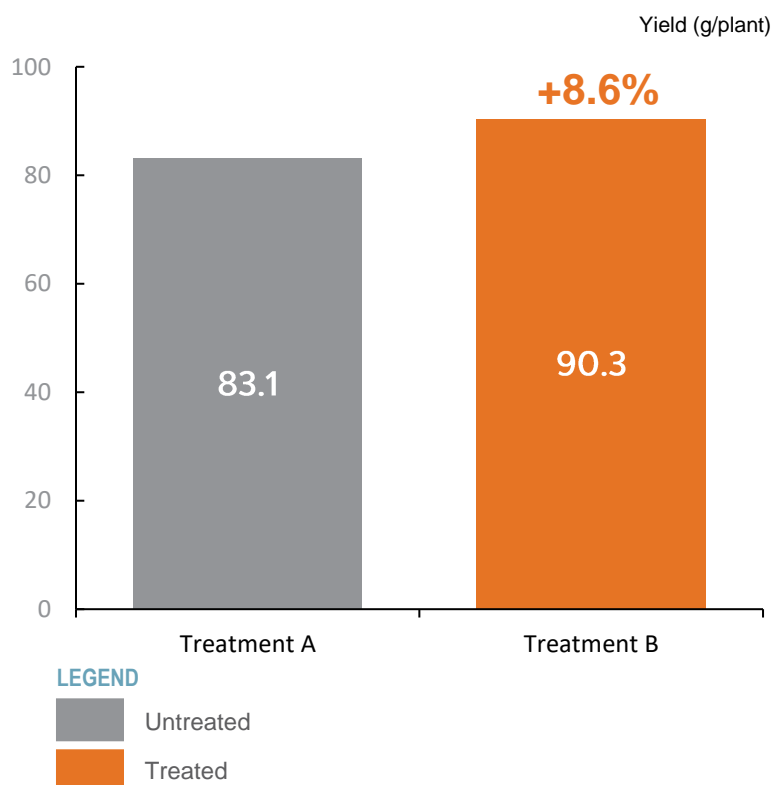
FERTILITY

Plant Prods MJ lineup

DATA ANALYSIS

2021/10/06

YIELD



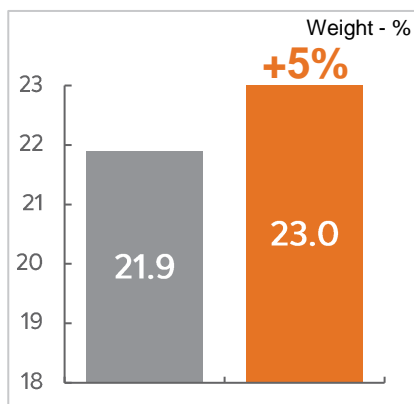
EFFICACY REPORT

2021 – ENTOURAGE HEALTH CORP.

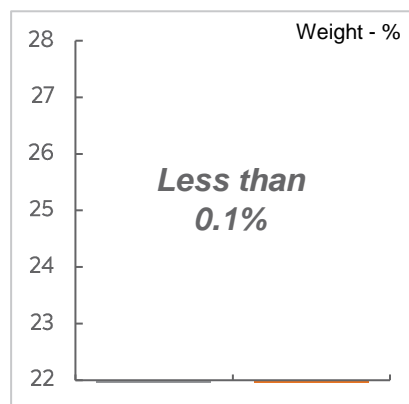


CANNABINOIDS

THC

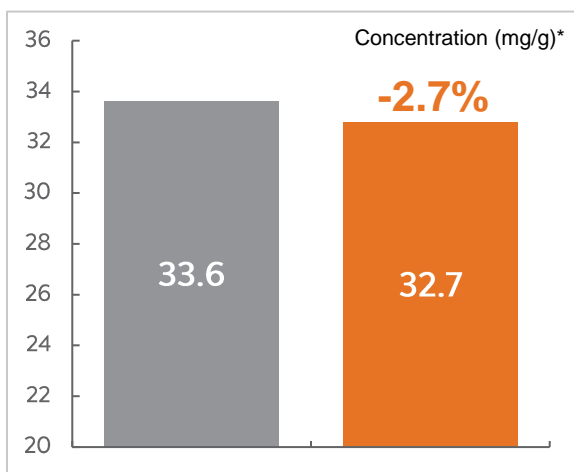


CBD



TERPENES

TOTAL CONCENTRATION

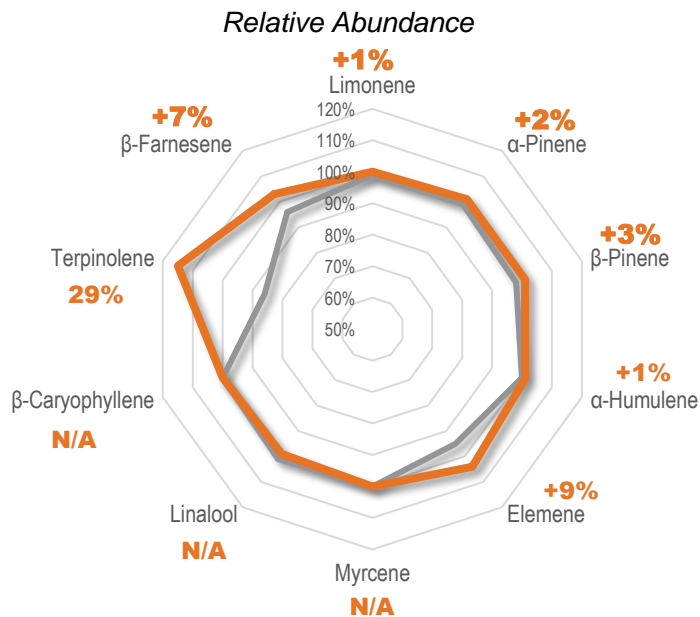


* Milligram of terpenes per gram of dry cannabis flower
The extraction has been done with a DB-Wax Column

LEGEND



COMMON PROFILE



Laboratoire
PhytoChemia

Laboratory analysis provided by PhytoChemia

EFFICACY REPORT

2019 - HERITAGE FARMACY

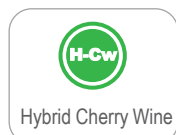


OUTDOOR GROWING

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

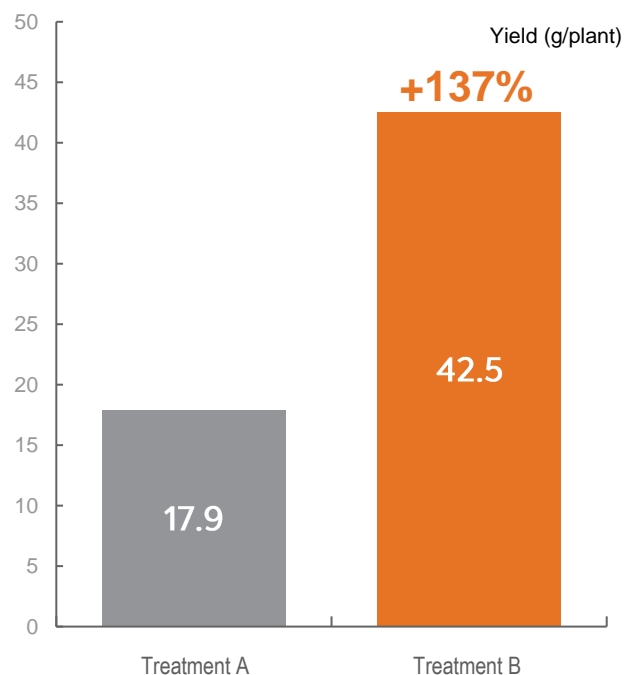
Treatment	Yield (g/plant)
Treatment A	17.9
Treatment B	42.5

Total yield per treatment – 20 plants per treatment



20 Plants – 357.2g
Treatment A

20 Plants – 850.2g
Treatment B



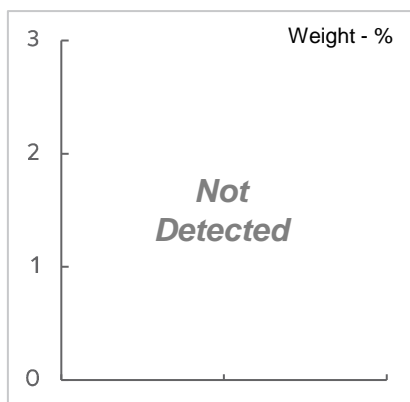
EFFICACY REPORT

2019 - HERITAGE FARMACY

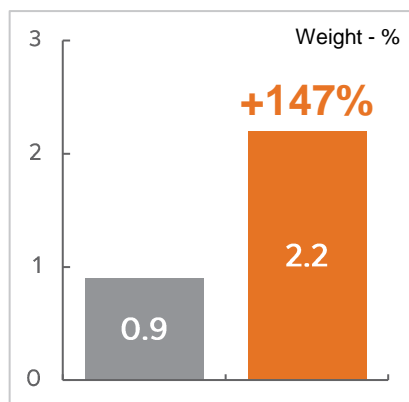


CANNABINOIDS

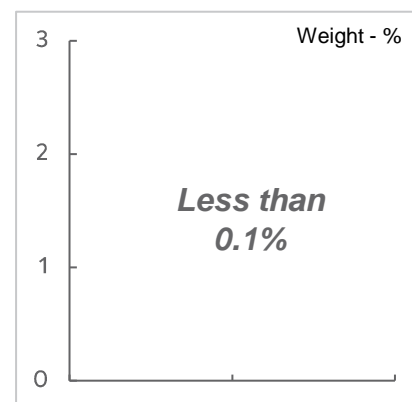
THC



CBD

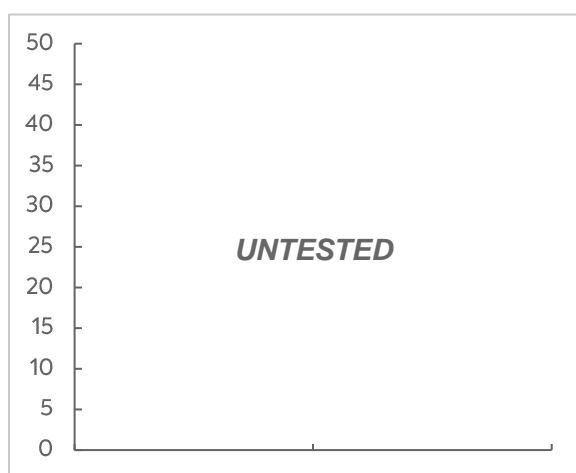


CBG



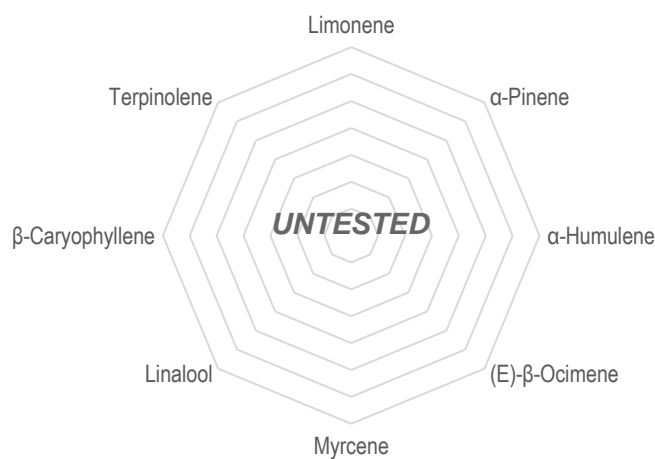
TERPENES

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

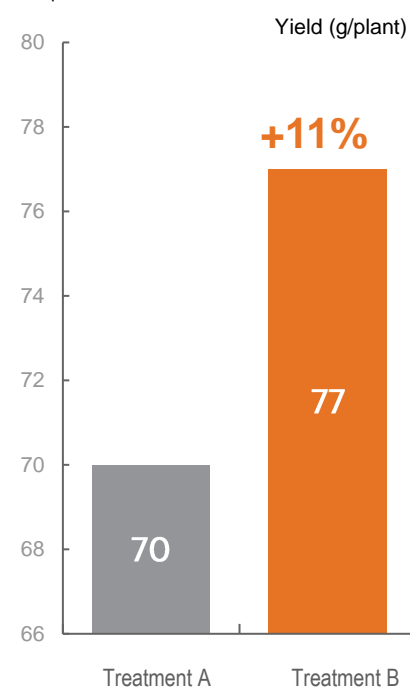
YIELD



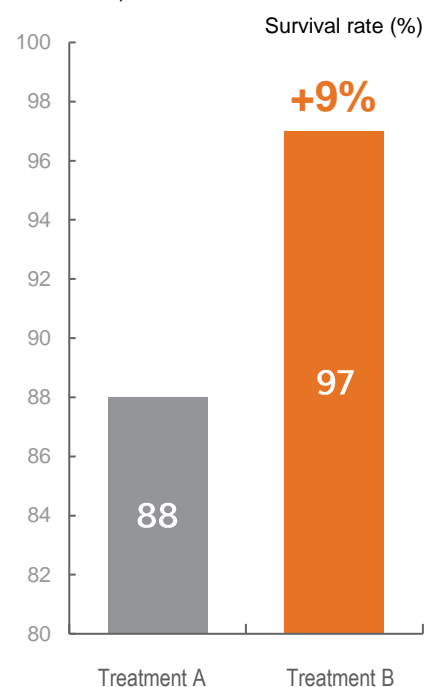
Treatment A

Treatment B

Yield per treatment



Survival rate per treatment



Treatment A

Treatment B

EFFICACY REPORT

2021 – LE JARDIN DES ANGES

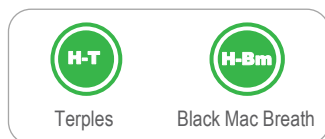


GREENHOUSE GROWING

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

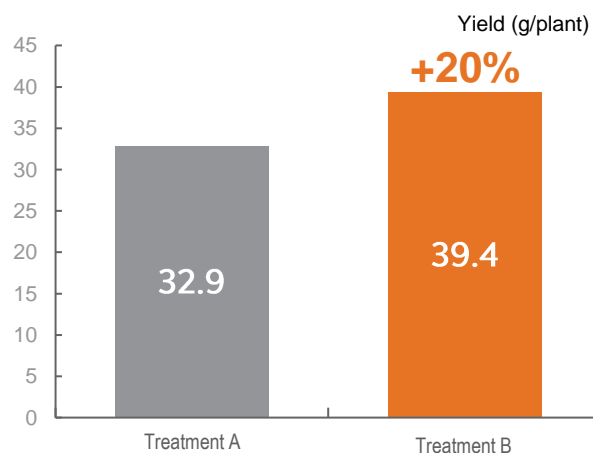
FERTILITY

EM custom fertilizer

DATA ANALYSIS

2021/12/10

YIELD

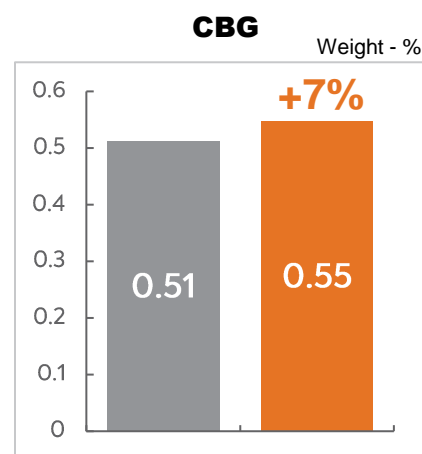
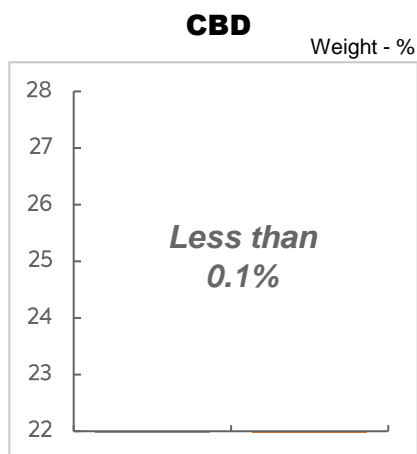
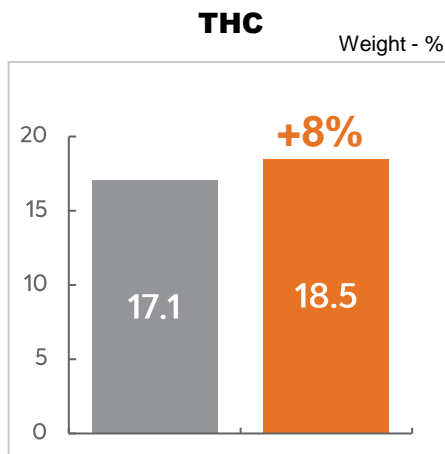


*BIOSTIMULANT is only available in Canada

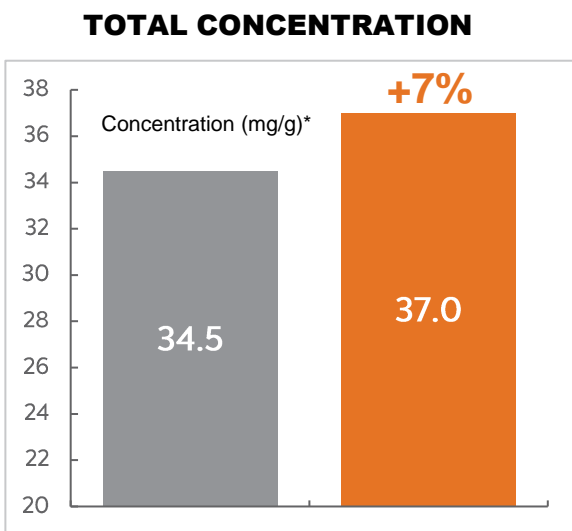
EFFICACY REPORT

2021 – LE JARDIN DES ANGES

CANNABINOIDS ALL STRAINS

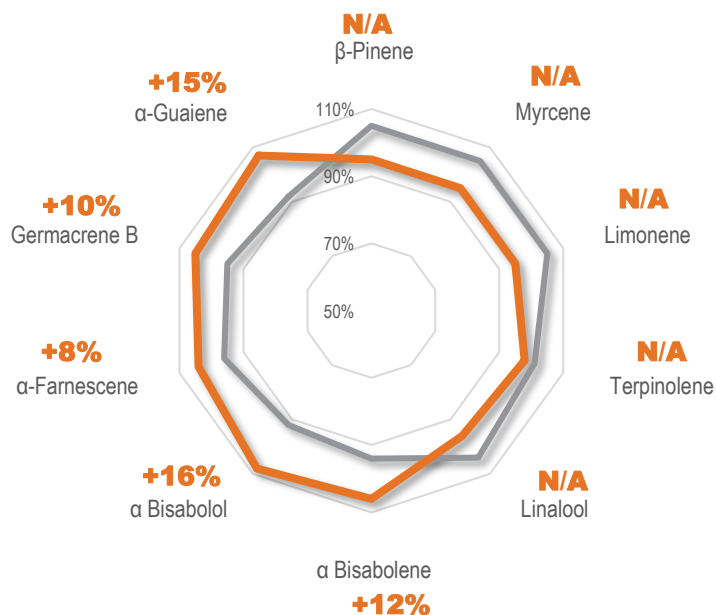


TERPENES ALL STRAIN



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

PREMIER
TECH

PROMIX

with **CONNECT**
HPO

EFFICACY REPORT

2020 - PURPLEFARM

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

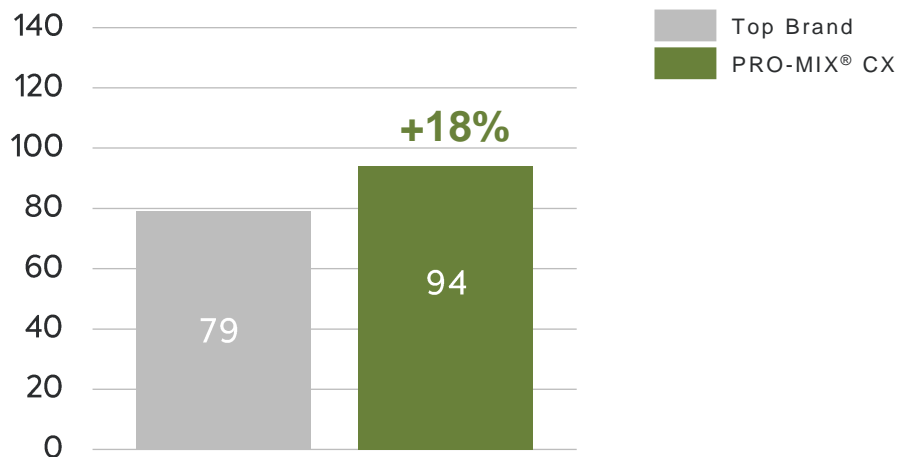


Moisture
PASSED



YIELD

Average Dry Flower Weight (g/plant)



EFFICACY REPORT

2020 - PURPLEFARM

PURPLEFARM

INDOOR GROWING

CROP

Cannabis

STRAIN VARIETY



TREATMENTS

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

PLANTS TESTED

72 plants (24 per treatment type)

LOCATION

Prescott, Ontario

DATA ANALYSIS

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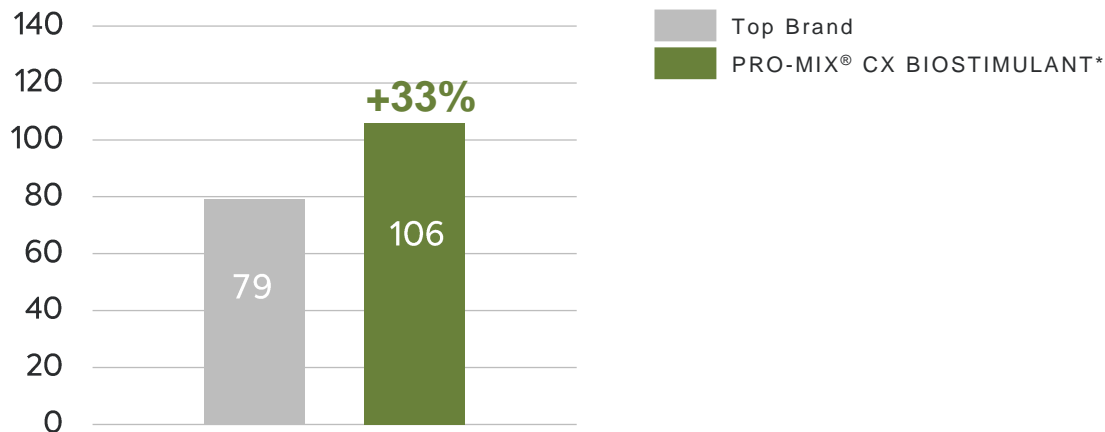


Moisture
PASSED



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®, 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.



PT Growers and Consumers

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PTHORTICULTURE.COM/EN/CROPS/MEDICINAL-PLANTS

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