



**NURTURE
GROWTH**
INNOVATIVE BIO-ORGANIC FERTILIZER

HOW NURTURE GROWTH FITS INTO YOUR FARM

- ✓ Certified for Organic or Conventional Use
- ✓ All-in-One Biofertilizer, Biostimulant & Bioinoculant
- ✓ Proven in Commercial Field Trials in Canada and USA



WHAT IS NURTURE GROWTH?

Nurture Growth is an all-in-one biological product that supports your soil and your crop.



A liquid concentrated biofertilizer that adds beneficial microbes to your soil



Combines 3 functions of a biofertilizer, biostimulant, and bioinoculant in one product



Fits into your current program

2+

Long shelf life (2+years) with no refrigeration required



WHY ARE GROWERS USING BIOLOGICALS?

REDUCE RELIANCE ON SYNTHETIC FERTILIZERS

Stimulates the Plant



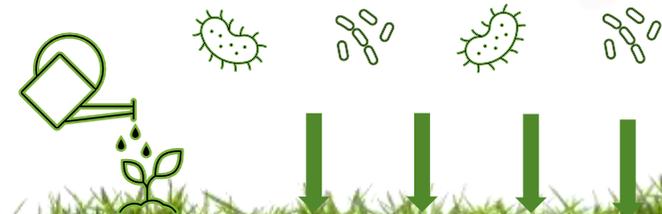
Immediately
Add Nutrients



- ⊘ Higher input cost
- ⊘ Nutrient loss reduces efficiency
- ⊘ Over-application can affect soil health



- ✓ Improve nutrient availability & uptake
- ✓ Balance the soil microbiome
- ✓ Improve stress tolerance & soil health
- ✓ Improve water-use efficiency
- ✓ Increase consistency in yield and quality



Add beneficial microbes

Plant Nutrients



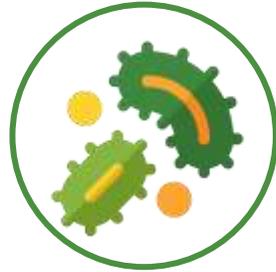
Soil Nutrients

WHAT MAKES US DIFFERENT?



World's first 3-in-1 product:

- ✓ Biofertilizer
- ✓ Biostimulant
- ✓ Bioinoculant



More microbial strains compared to other products



Higher microbial count (CFU/g) compared to other products



Long & stable shelf life

- ✓ 2+ years
- ✓ no refrigeration required



Applicable across specialty, perennial and row crops



No special equipment required

- ✓ Foliar spray
- ✓ Fertigation
- ✓ In-furrow



Tank mix compatible with most crop protection products



Multi-purpose usage:

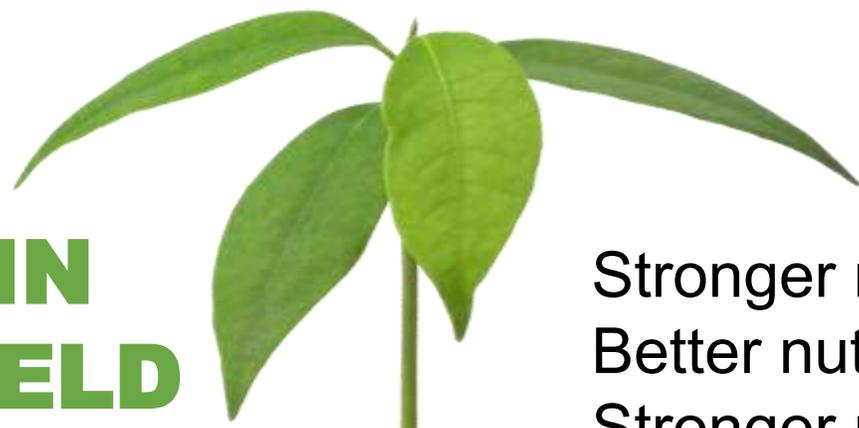
- ✓ Biofertilizer
- ✓ Seed treatment
- ✓ Soil amendment



Hands-on grower support

WE FIT INTO THE WAY YOU ALREADY FARM!

HOW IT WORKS IN YOUR FIELD



Stronger roots =
Better nutrient uptake =
Stronger plants

Beneficial microbes
are released into
the soil

Microbes balance soil
microbiome

Makes nutrients
bioavailable to plant

- ✓ Biological nitrogen fixation
- ✓ Unlock tied-up phosphorus and potassium
- ✓ Mobilize key micronutrients through microbial chelation
- ✓ Produce plant growth-promoting hormones that help reduce abiotic stress
- ✓ Help balance soil pH to improve nutrient availability
- ✓ Support root exudates that feed beneficial microbes
- ✓ Increase microbial diversity in the soil

PROVEN FIELD VALIDATION OVERVIEW —

CROP	LOCATION	YEAR	RESULTS	ROI
Bok choy	Zephyrs, Ontario, Canada	2018	+ 50% yield	758 %
Sweet potato	Simcoe, Ontario, Canada	2024	+ 7 % yield	913 %
Corn	Durham, Ontario, Canada	2025	+20.6 % yield	753 %
Wine Grapes	Blue Mountain, Ontario, Canada	2022	+17 % yield (Marquette) +53 % yield (L'Acadie Blanc)	Improved yield & brix
Apples	Milton, Ontario, Canada	2023	+12 % yield (high density)	1 ft taller on non-bearing tree
Blueberries	North Carolina, USA	2025	+12.8 % yield	1302 %

- Field validation conducted in collaboration with commercial growers and independent agronomic specialists
- More field trials on other crops can be found in the Appendix



FIELD TRIAL – BOK CHOY

Left – applied with Nurture Growth

Right- control



Left – applied with Nurture Growth

Right- control



50% Increase / 758 % ROI

Treated

Control

300 lb - 15 boxes

200 lb - 10 boxes

Revenue

Price is \$1.25 / lb x 100 lb = \$125.00

Costs (trial area)

Fertilizer: \$2.56 & Labour: 4 sprays x \$3.00 = \$12.00

Total cost: \$14.56

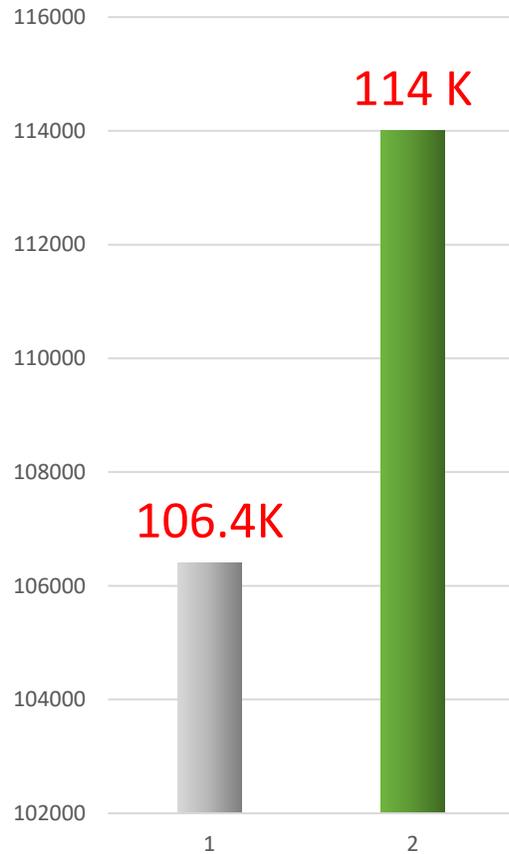
Net gain + ROI (trial area)

Net gain: \$125.00 – \$14.56 = \$110.44

ROI (%): \$110.44 ÷ \$14.56 x 100 = 758.52%

FIELD TRIAL – SWEET POTATO

7% Increase



Trial conducted by Henry from Kukielka Produce

913 % ROI

1) Yield + revenue (per acre)

Control yield: $106,400 \text{ lb} \div 5 \text{ ac} = 21,280 \text{ lb/ac}$

Treated yield: $114,000 \text{ lb} \div 5 \text{ ac} = 22,800 \text{ lb/ac}$

Yield increase: $1,520 \text{ lb/ac}$ (7.14%)

Price: \$1.40/lb

Added revenue: $1,520 \times \$1.40 = \$2,128/\text{ac}$

2) Costs (per acre)

Product cost: \$192/ac

Labour to spray: $6 \text{ sprays} \times 10 \text{ min} = 60 \text{ min} = 1 \text{ hr}$

$1 \text{ hr} \times \$18/\text{hr} = \$18/\text{ac}$

Total cost: $\$192 + \$18 = \$210/\text{ac}$

3) Net gain + ROI

Net gain: $\$2,128 - \$210 = \$1,918/\text{ac}$

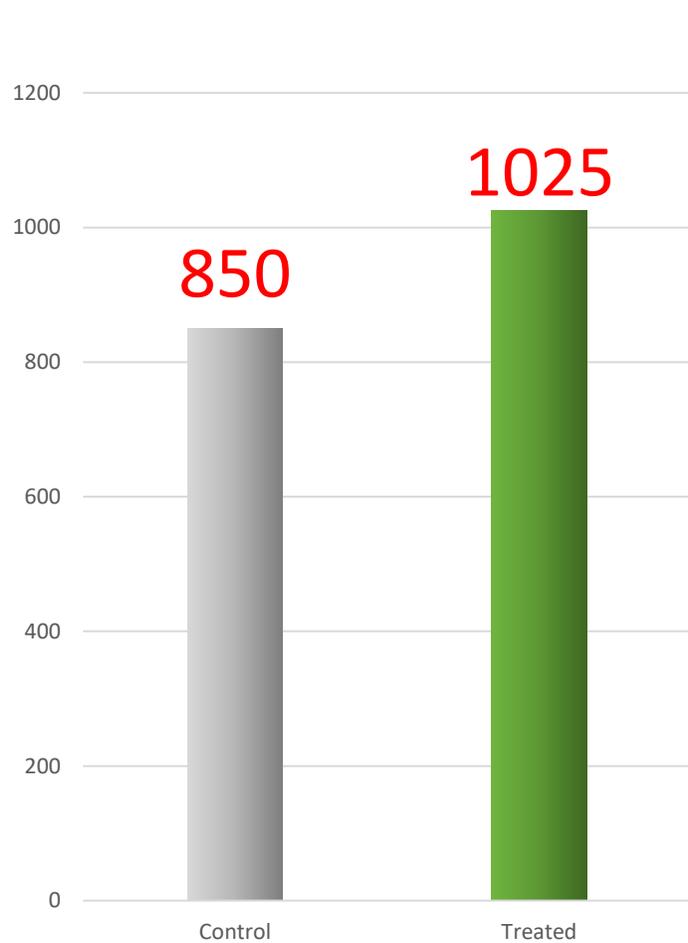
ROI (%): $\$1,918 \div \$210 \times 100 = 913.33\%$

Gross return per \$1 spent: $\$2,128 \div \$210 = \$10.13$

Net return per \$1 spent: $\$1,918 \div \$210 = \$9.13$

FIELD TRIAL – CORN

20.6 % Increase



753 % ROI

1) Yield + revenue (per acre)

Control: 850 DZ/ac

Treated: 1025 DZ/ac

Yield increase: 175 DZ/ac (20.59%)

Price: \$8/DZ

Added revenue: $175 \times \$8 = \$1,400/\text{ac}$

2) Costs (per acre)

Fertilizer: \$128/ac

Labour: 2 hours \times \$18 = \$36/ac

Total cost: $\$128 + \$36 = \$164/\text{ac}$

3) Net gain + ROI

Net gain: $\$1,400 - \$164 = \$1,236/\text{ac}$

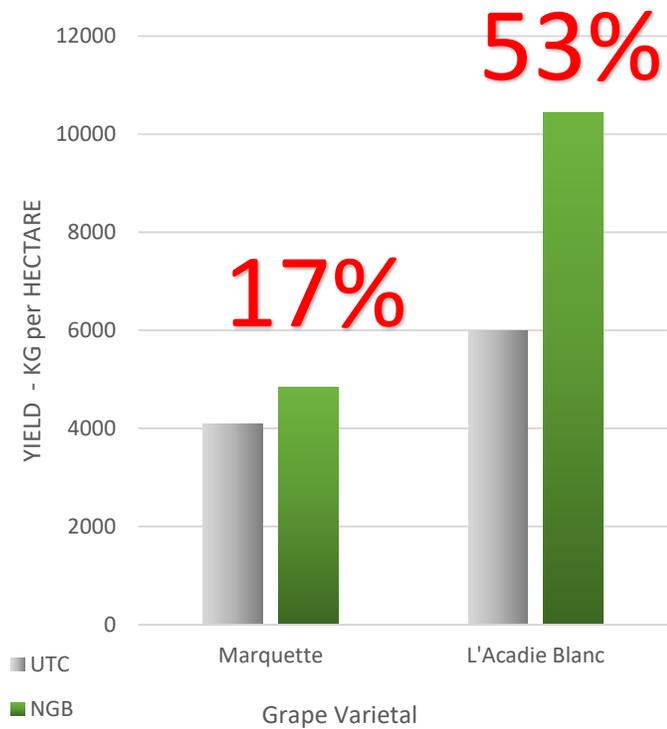
ROI (%): $\$1,236 \div \$164 \times 100 = 753.7\%$

Gross return per \$1 spent: $\$1,400 \div \$164 = \$8.54$

Net return per \$1 spent: $\$1,236 \div \$164 = \$7.54$

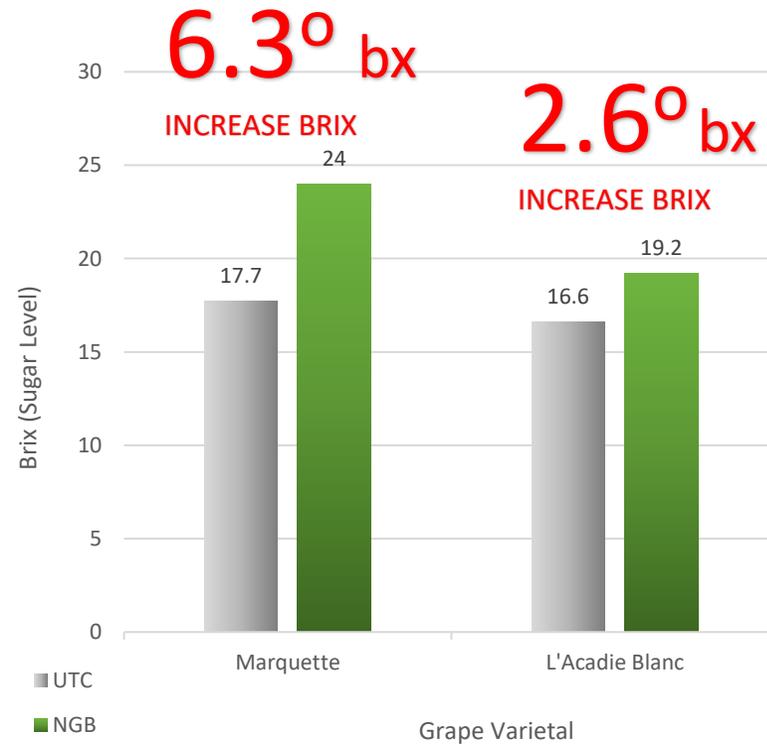
FIELD TRIAL – VINEYARDS

Year 1 (2020) - YIELD COMPARISON
(UNTREATED CONTROL VS TREATED)



	Untreated	Treated	% Yield Increase
Marquette	4102	4845	17%
L'Acadie Blanc	6002	10435	53%

YEAR 1 (2020) – BRIX COMPARISON
(UNTREATED CONTROL VS TREATED)



	Brix Level Untreated	Brix Level Treated	Brix Increase
Marquette	17.7	24	6.3
L'Acadie Blanc	16.6	19.2	2.6



Trial conducted by Pat Johnson, Georgian Orchard Services

FIELD TRIAL – APPLE

CHUDLEIGH FARM
YEAR 1 TRIAL DATA
(UNTREATED CONTROL VS TREATED) SUMMER 2022

BIGGER APPLES!

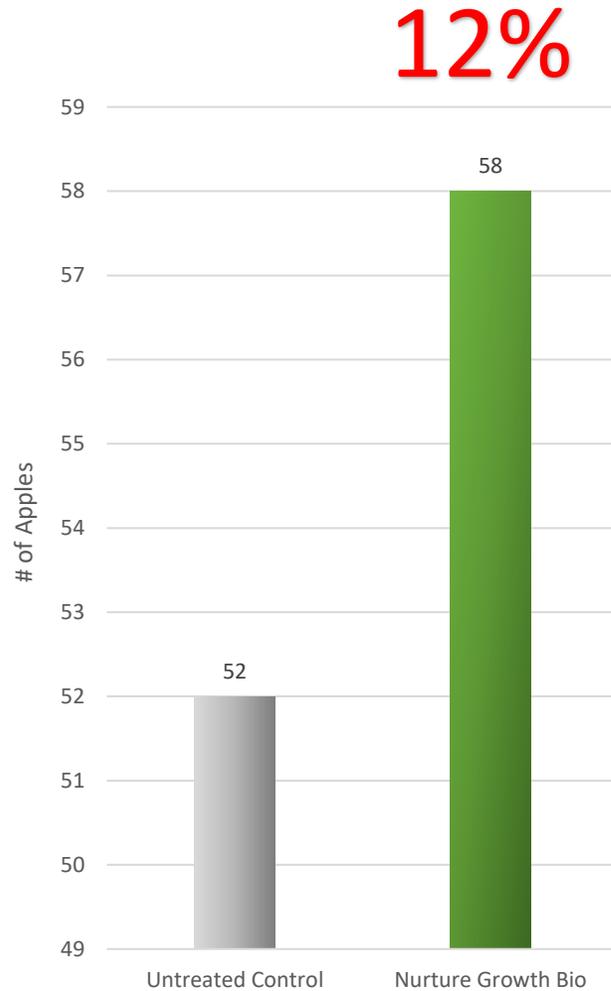


UNTREATED CONTROL
77 APPLES
PER BOX

NURTURE GROWTH BIO
72 APPLES
PER BOX



APPLE YIELD DATA



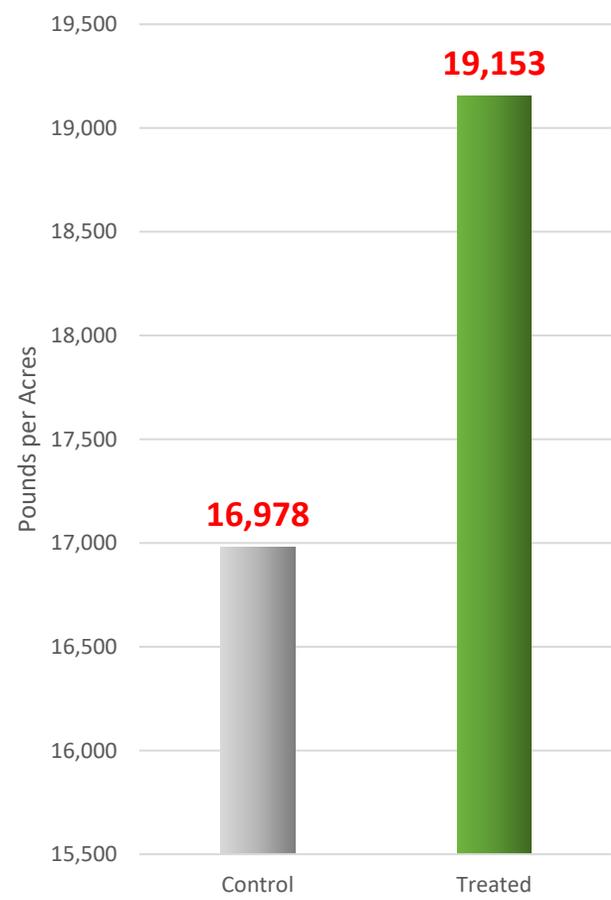
GROWTH - NON-BEARING TREE



FIELD TRIAL – BLUEBERRIES

12.8 % Increase

1302 % ROI



1) Yield + Revenue (per acre)

Control yield: 16,978 lb/ac
 Treated yield: 19,153 lb/ac
 Yield increase: 2,175 lb/ac (12.8%)
 Market price: \$2.50/lb
 Added revenue: $2,175 \times \$2.50 = \$5,437.50$ per acre

2) Costs (per acre)

Treatment cost: \$352 per acre
 Labour (12 sprays): \$36 per acre
 Total Cost: \$388 per acre

3) Net Gain + ROI

Net gain: $\$5,437.50 - \$388 = \$5,049.50$ per acre
 ROI (%): $\$5,049.50 \div \$388 \times 100 = 1,302\%$
 Gross return per \$1 spent: $\$5,437.50 \div \$388 = \$14.01$
 Net return per \$1 spent: $\$5,049.50 \div \$388 = \$13.01$



Trial conducted by Legacy Blueberry (North Carolina 2025)

WHERE IS OUR PRODUCT USED?



SPECIALTY CROPS



Vegetables



Fruits



Sweet Potato



Ginseng



Garlic



Potato



Tobacco



Flowers



Leafy greens

PERENNIALS



Vineyards



Nut trees



Orchards

HIGH-VALUE SYSTEMS



Golf Courses



Nurseries



Greenhouses

OTHER USE CASES



- Soil Amendment
- Regenerative Systems
- Compost Accelerator
- Pond Remediation
- Early-stage trials on row crops such as corn, wheat and soybeans

* Applicable across a wide range of specialty, row, and perennial crops.



BENEFITS

100% natural ingredients

Supports plant health, resilience & stress tolerance

Increases crop yield by 10-25%

All-purpose usage

Increases the fertility and health of the soil

Safe to use around children and pets

Promotes strong root growth

Environmentally friendly

Balances nutrients to promote plant health

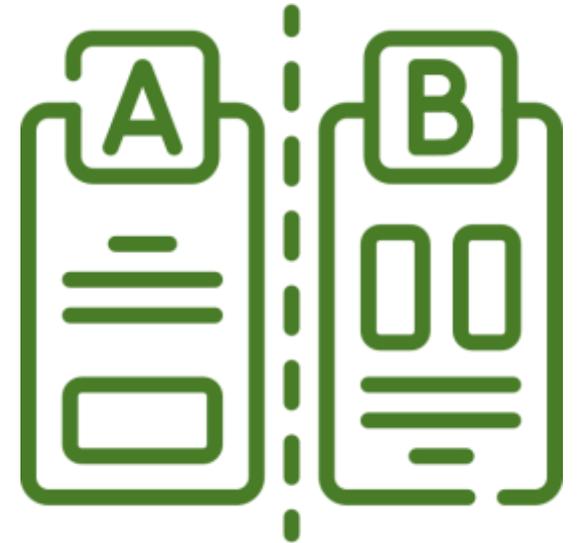
Economical

DON'T TAKE OUR WORD FOR IT... TEST IT ON YOUR FARM!

The best way to see if it works is to put it beside what you're already doing.

- ✓ Run a side-by-side strip
 - ✓ Treated vs untreated
 - ✓ Measure yield and quality
 - ✓ Calculate real ROI
- ✓ Low risk, real numbers, your field.

We'll help set up the trial and review the results with you.



LET'S TRIAL ON YOUR FARM!



Le Luong

CEO & Co-Founder

✉ le@nurturegrowthbio.com

☎ 647-484-8383 x 701



Dr. Ankita Gartoki

Senior Science Officer

✉ ankita@nurturegrowthbio.com

☎ 647-484-8383

CONTACT US!

