



GREEN BULL ONE

• ULTRA
EFFICIENT
FERTILIZER
TECHNOLOGY



Degradation of agricultural land caused by traditional fertilizer



Field N₂O



Production CO₂



Sea Freight CO₂



Air Freight CO₂



Road CO₂

We regenerate soils that have been **damaged by conventional fertilizers**.

Improving soil health, quality and sustainability while using 100% natural ingredients.

Driven by nano and ionic technology and powerful digital tools. Significantly reduce carbon dioxide emissions in logistics and the agriculture sector.

With 5 grams per hectare GreenBullOne we are far below average 50- 800 kg per hectare Conventional Fertilizer

CO2 Reduction 3 Different Fertilizer Applications

The Sheet is an explanation of CO₂ emissions and reductions based on different fertilizer application rates and 3 different emission sources.

Fertilizer application rates: 1.) Green Bull One 1kg / 200 hectare 2.) Conventional fertilizer 10.000kg / 200 hectare

Emission sources: 1.) Production CO₂e 2.) Field Use N₂O CO₂e

Region	Fertilizer Type	CO ₂ e (kg/ha)	Production CO ₂ e (kg/ha)	Field Use N ₂ O CO ₂ e (kg/ha)	Total CO ₂ e (kg/ha)	CO ₂ e Reduction (kg/ha)	CO ₂ e Reduction (%)
USA	Green Bull One	10	275	45	330	2850	92%
	Conventional	10000	275	45	10320	110	99%
EU	Green Bull One	10	275	45	330	2850	92%
	Conventional	10000	275	45	10320	110	99%
UK	Green Bull One	10	275	45	330	2850	92%
	Conventional	10000	275	45	10320	110	99%
Canada	Green Bull One	10	275	45	330	2850	92%
	Conventional	10000	275	45	10320	110	99%
Australia	Green Bull One	10	275	45	330	2850	92%
	Conventional	10000	275	45	10320	110	99%
Brazil	Green Bull One	10	275	45	330	2850	92%
	Conventional	10000	275	45	10320	110	99%
TOTAL		1480	880	272	2632	10268	73%

- SITUATION
- PROTECTION
- TECHNOLOGY
- SCIENCE
- PRODUCT
- STORAGE
- CONTACT
- FIRST PAGE



20Kg
N₂O/Ha

Field Emissions



WHY IT MATTERS !!!

Nitrous oxide is a strong greenhouse gas over **270 times** more harmful than CO

When a farmer uses **100 kg of NPK fertilizer per hectare** (with 20% nitrogen), about **0.3 kg of nitrous oxide (N₂O)** is released .

That 'sequal to around **86 kg of CO₂ emissions** per hectare .

SITUATION

PROTECTION

TECHNOLOGY

SCIENCE

PRODUCT

STORAGE

CONTACT

FIRST PAGE



We protect agriculture

We support more **sustainable practices that protect agricultural resources** for future generations and restore the soil damaged **improve soil health, quality, and sustainability**. Using **100% natural ingredients** driven by **nano and ionic technology**.

Reducing toxic conventional fertilizers up to 75% and enable less use This makes water efficiency a top priority for sustainable farming.

SITUATION

PROTECTION

TECHNOLOGY

SCIENCE

PRODUCT

STORAGE

CONTACT

FIRST PAGE



Eliminate the situation 

Lower CO2 Impact & farming costs:

- 1 kg cover 200 hectares and Emissions are nearly eliminated. With just 7,500 tons of GreenBullOne fertilizer, 1.5 billion hectares can be treated.
- Transport cut by over 99%
- Cost reduction \$50–150 per hectare (Nitrogen) down to \$9 per hectare.

Storage Cost Savings globally:

Savings: 23 billion \$

Harvest Increase

- Base Global Production: 15.0 billion tons
- Yield Gain with GreenBullOne:

Min.	+	1.5 billion tons
Max.	+	10.5 billion tons

SITUATION

PROTECTION

TECHNOLOGY

SCIENCE

PRODUCT

STORAGE

CONTACT

FIRST PAGE



We protect water resources 

Smart Water Management in Agriculture:

69% of the world's available freshwater is used in agriculture.

This makes water efficiency a top priority for sustainable farming. Smarter plant stimulation means less water, faster growth, & higher profits.

GREENBULLONE's technology helps reduce water consumption by **optimizing plant processes:**

- Speeds up photosynthesis, **enabling faster plant growth.**
- Shortens the vegetation period, meaning **crops mature sooner.**
- Reduces water usage by up to 70%, without compromising yield
- Lowers total production costs, by cutting irrigation needs and resource waste

SITUATION

PROTECTION

TECHNOLOGY

SCIENCE

PRODUCT

STORAGE

CONTACT

FIRST PAGE



Cost - Effective Future Farming



Fertilizer costs reduction **\$9 per hectare**, significantly cheaper than nitrogen (**\$50–150/ha**) and urea **\$30 – 100 hectare**.

Key Savings at Scale (1,000,000 Hectares)

- Fertilizer volume reduced by: 1,000 +
- Warehouse size reduced by: 99.9%
- Construction costs saved: \$6.2 million
- Annual operational cost savings (energy, logistics, insurance): \$100,000



SITUATION

PROTECTION

TECHNOLOGY

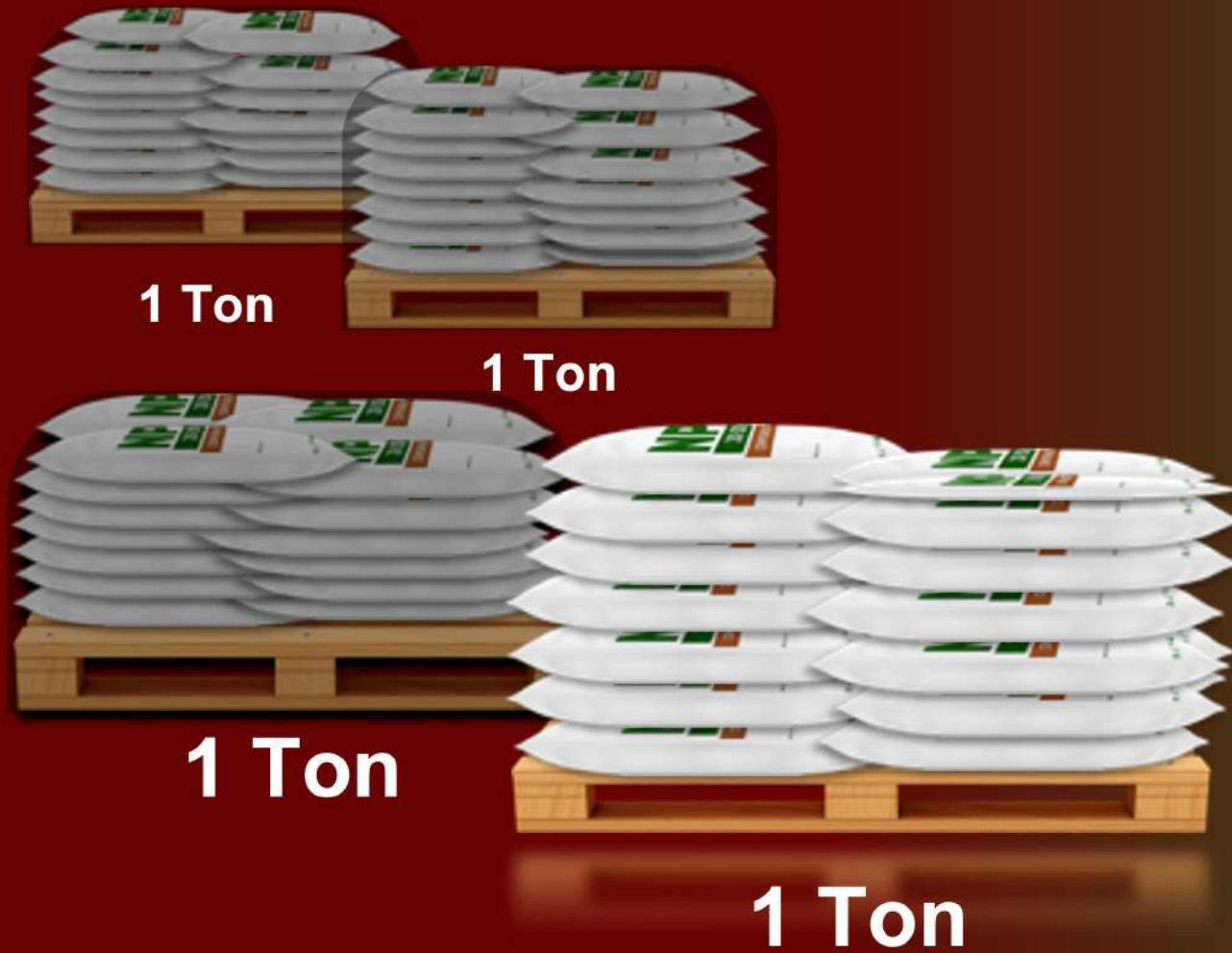
SCIENCE

PRODUCT

STORAGE

CONTACT

FIRST PAGE



**Conventional
40 Hectare**

Quantity Comparison



25 Kg
Green Bull One

5000 Hectare

SITUATION

PROTECTION

TECHNOLOGY

SCIENCE

PRODUCT

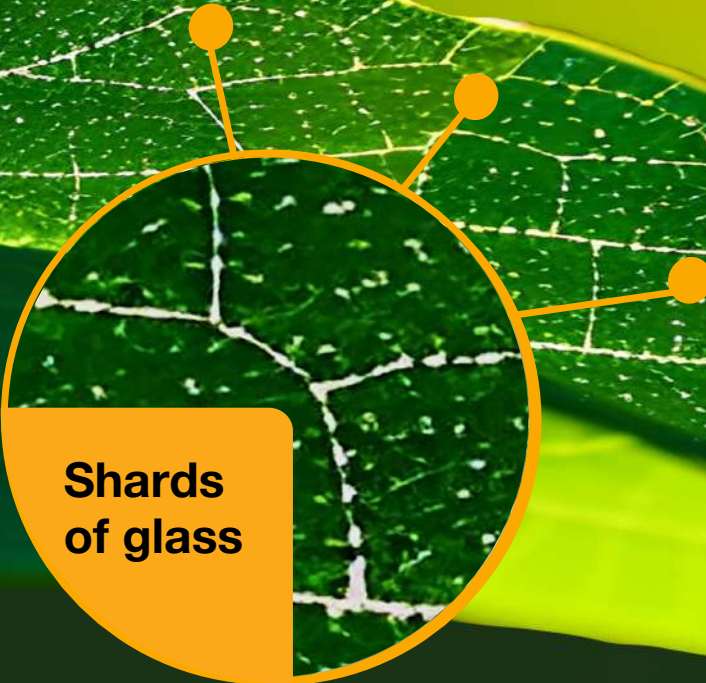
STORAGE

CONTACT

FIRST PAGE



We protect food and health 



Shards of glass



LESS PESTIZIDES...

The mechanical effect of GreenBullOne **keeps insects away from the leaves.**

the silicate particles look like small pieces of glass and remain on the surface of the leaf.

A very pleasant side effect **attacks the gills and block the respiratory organs.**

SITUATION

PROTECTION

TECHNOLOGY

SCIENCE

PRODUCT

STORAGE

CONTACT

FIRST PAGE



IONIC TECH



SITUATION

PROTECTION

TECHNOLOGY

SCIENCE

PRODUCT

STORAGE

CONTACT

FIRST PAGE

GreenBullOne's IONIC TECH

is an advanced fertilizer innovation that **activates natural ionic processes within plants**, enhancing growth, nutrient uptake, and overall plant health through precise biostimulation.

What is IONIC TECH?

IONIC TECH refers to the **activation of positive (cations) and negative (anions) ions** in the plant system. These ions are essential for transporting nutrients, regulating metabolism, and ensuring healthy development.



HOW IONIC WORKS



SITUATION

PROTECTION

TECHNOLOGY

SCIENCE

PRODUCT

STORAGE

CONTACT

FIRST PAGE

HOW GreenBullOne TECH WORKS:

- **Stimulates Ion Channels:** The unique formula enhances the movement of ions across cell membranes, optimizing nutrient absorption.
- **Activates Enzymes & Hormones:** The ionic stimulation triggers vital enzymes and natural growth hormones (auxins, cytokinins), improving growth speed and resilience.
- **Boosts Stress Resistance:** Plants treated with Ikué fertilizer show higher tolerance to drought, salinity, and disease due to ionic balance and cell wall strength.
- **Enhances Photosynthesis & Rooting:** By activating Mg^{2+} and PO_4^{3-} , the fertilizer increases energy production and deeper, healthier roots.



Biological Value

Biological Value and Efficiency

Although the raw material may seem **high in EC and arsenic per kg**, the **ultra- low dose and advanced IONIC GreenBullOne Tech:**

- Avoid toxicity
- Activate plant metabolism
- Improve yield & quality with minimal environmental burden
- Ultra- efficient: 1 kg covers up to 200 hectares
- Faster nutrient transport
- Reduces fertilizer waste

Parameter	Conventional Fertilizer	Green Bull One
Application Rate	50–100 kg/ha	0.005 kg/ha
EC Impact on Soil	Medium to High	Negligible (0.0028 dS/m)
Arsenic Contribution	Can accumulate	Only 0.029 mg/ha
Ionic Activation	Passive uptake	Stimulated uptake
Efficiency	10–30% nutrient uptake	80–95% ionic absorption
Environmental Risk	Higher	Extremely Low

SITUATION

PROTECTION

TECHNOLOGY

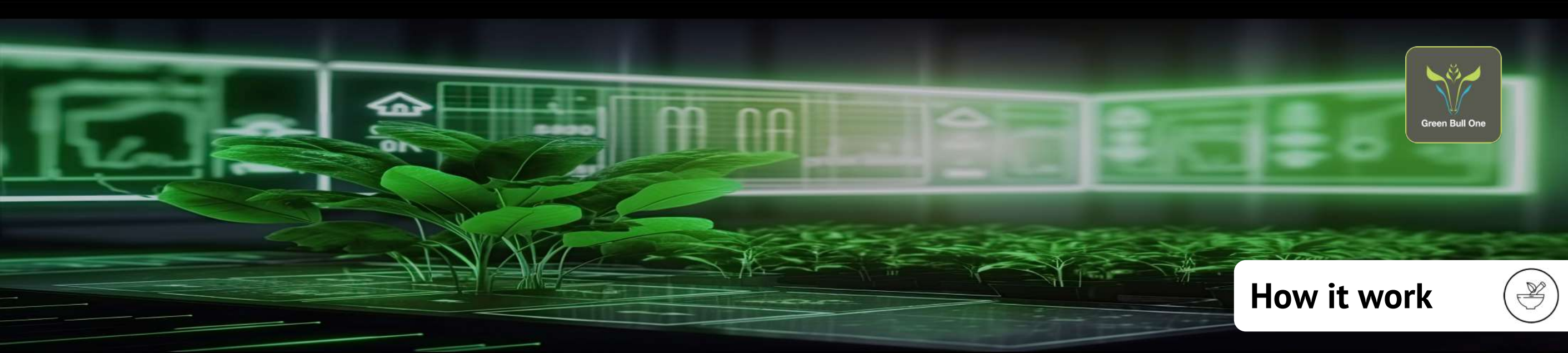
SCIENCE

PRODUCT

STORAGE

CONTACT

FIRST PAGE



How it work

SITUATION

PROTECTION

TECHNOLOGY

SCIENCE

PRODUCT

STORAGE

CONTACT

FIRST PAGE

Nono and Ionic technology **increase photosynthesis**

The fertilizer open the leaf pores **and speed up the photo-synthesis process** and the ingredients **go faster than conventional fertilizer** through the stomata (leaf organs)and through the entire system until the roots.

It **higher the metabolic processes**, but also to other physiological processes (Biostimulanc) and **ionic process**.



We provide digital agriculture 

Integrated Tools for Smart Agriculture

GreenBullOne integrates powerful digital tools to monitor the entire agricultural system helping farmers and distributors save costs and increase profitability.

Our system uses drones to collect high-resolution, real-time data, enabling user to:

- Identify early-stage problems in soil, crops, or water supply
- Avoid unnecessary costs by targeting only what is needed
- Make precise decisions based on real conditions

SITUATION

PROTECTION

TECHNOLOGY

SCIENCE

PRODUCT

STORAGE

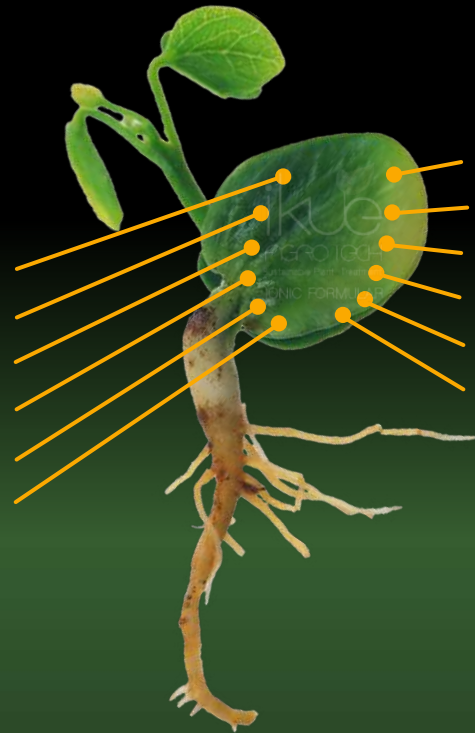
CONTACT

FIRST PAGE



MINERALS

Calcium (CaO)
Magnesium (MgO)
Phosphorus (P)
Molybdenum (Mo)
Potassium (K₂O)
Copper (Cu)



Iron (Fe)
Zinc (Zn)
Mangan (Mn)
Nitrogen (N)
pH
Sodium (S)

What is GreenBullOne



SITUATION

PROTECTION

TECHNOLOGY

SCIENCE

PRODUCT

STORAGE

CONTACT

FIRST PAGE

GreenBullOne fertilizer is **classified as a 100% mineral fertilizer**.

All nutrient components (including calcium, magnesium, phosphorus, molybdenum, potassium, copper, iron, zinc, manganese and others) are sourced from **naturally occurring minerals**.

The product is **not chemically synthesized and does not contain organic matter of plant or animal origin**.

Therefore, it **is not considered a chemical or organic fertilizer**, but rather a natural mineral-based solution suitable for **sustainable and precision agriculture**.



Hydro Test Result Salat

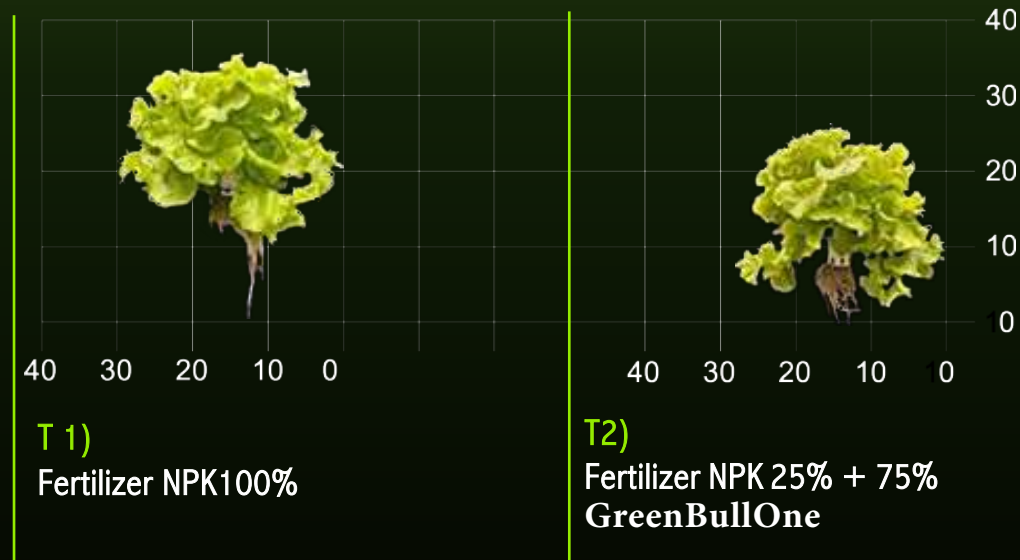


Type of fertilizer

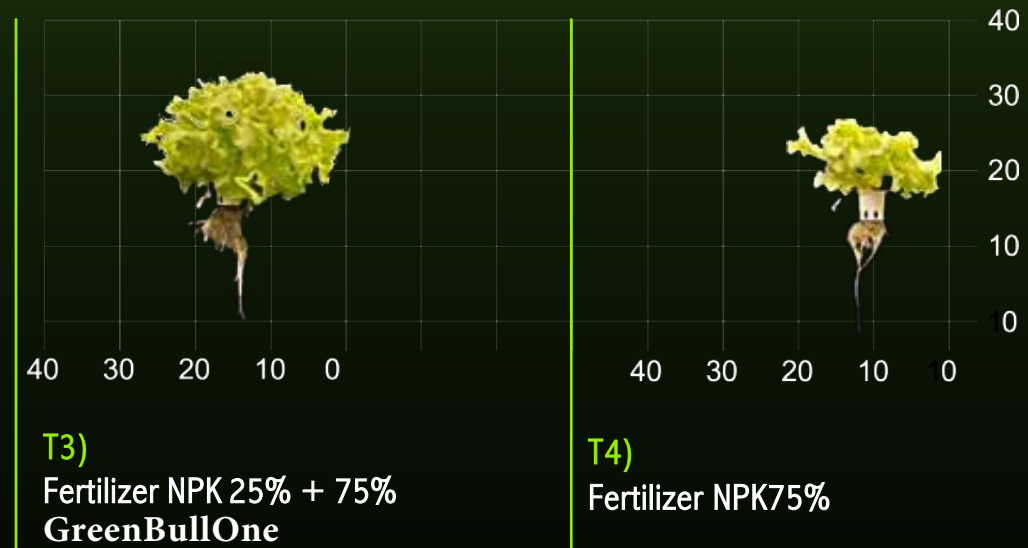
NPK 13-13-21
GreenBullOne

Period = 8 months
Progress = every 7 days

Grow in water



Apply to Leaf's



SITUATION

PROTECTION

TECHNOLOGY

SCIENCE

PRODUCT

STORAGE

CONTACT

FIRST PAGE



Type of fertilizer

NPK 13-13-21 Period = 8 months
 GreenBullOne Progress = every 7 days

APPLYING NPK TO THE SOIL & SPRAYING GreenBullOne ON LEAVES

TEST RESULT CHILI



Request For full Test Report

- SITUATION**
- PROTECTION**
- TECHNOLOGY**
- SCIENCE**
- PRODUCT**
- STORAGE**
- CONTACT**
- FIRST PAGE**



TEST RESULT VEGETABLES

SUITABILITY FOR VERGATABLES, FRUITING VEGETABLES

PLANT	YIELD INCREASE	SPECIAL FEATURES
Salad Celery Pumpkin	Up to 25 % Up to 10 % Up to 40 %	Improved shelf life
Melon	Up to 70 %	Higher resistance to diseases, long shelf life and thus better storage, very good taste, extension of the growing season by up to 30 days.
Sugar beet	Up to 25 %	Increase in sugar content by up to 3 %

SUITABILITY FOR CEREALS

PLANT	YIELD INCREASE	SPECIAL FEATURES
Wheat,	Up to 20 %	Shortening of the vegetation period by up to 10 days
Barley Rice	Up to 10 %	High resistance to diseases and pests, etc.

SUITABILITY FOR FRUITS, OTHER

PLANT	YIELD INCREASE	SPECIAL FEATURES
Potato		Increased resistance to Colorado potato beetle infestation Significant.
Pistachio		Increase in quality, Higher stress tolerance in case of water shortage

SITUATION

PROTECTION

TECHNOLOGY

SCIENCE

PRODUCT

STORAGE

CONTACT

FIRST PAGE



TEST RESULT FRUITS

SUITABILITY FOR FRUITS

PLANT	YIELD INCREASE	SPECIAL FEATURES
Paprika	Up to 80 %	Higher uniformity of fruits (size and colour), very good taste, improved shelf life
Strawberry	Up to 25 %	More intense flavour, better colour and shine of the fruit, improved shelf life, higher fructose content
Apple Pear Cherry Blackberry	Up to 50 %	intense colour of fruits, size of fruits more uniform, earlier ripening of fruits, higher firmness of fruits (cherries) larger more uniform fruits, earlier ripening of fruits (about 10 days earlier), high resistance to diseases
Wine	Up to 25 %	High resistance to diseases and pests, very good stress tolerance in case of water shortage, increase of sugar content up to 2 %
Olive	Up to 30 %	Faster growth, larger fruits and uniform colour and size, significant increase in quality.
Cucumber	Up to 50 %	Better storability, extended production and vegetation time by up to 30 days, improved fruit appearance

SITUATION

PROTECTION

TECHNOLOGY

SCIENCE

PRODUCT

STORAGE

CONTACT

FIRST PAGE



Recovered



Damaged rice field by plant hoppers

Recovered field 3 weeks after spraying



Damaged field area by rats

Recovery 2 weeks after spraying



Blast disease is a fungal disease recovered by GreenBullOne fertilizer



Mealy bug infection on sugar cane control plot

Good health condition of sugar cane test plot

SITUATION

PROTECTION

TECHNOLOGY

SCIENCE

PRODUCT

STORAGE

CONTACT

FIRST PAGE



Our product packing sizes

10 KG BAG = 500 HECTARE
 1 KILO GRAM BOX = 50 HECTAARE
 25 GRAM PACK = 1 HECTARE
 25 TABLETS = 3 HECTARE

ORDER PRODUCT 



REQUEST SAMPLES 

SITUATION

PROTECTION

TECHNOLOGY

SCIENCE

PRODUCT

STORAGE

CONTACT

FIRST PAGE



Grow funds

GreenBullOne's financial mode it's powered by Desktop & Mobile

The financial model is powered by a digital platform (desktop and mobile app) that combines GreenBullOne ultra- efficient fertilizer, agricultural tools, and harvest marketplace sales with a blockchain- base d rewards and stablecoin system **designed for the global agriculture sector to grow additional funds for each partner and humanity and agriculture project.**

By integrating fertilizer distribution, agri- tech tools, and harvest marketplace transactions into one ecosystem, Ikue **unlocks multiple revenue streams.** Each activity on the platform generates rewards through partner- specific tokens, creating **strong engagement and profit opportunities across the entire agricultural value chain.**

Through the use of **gold based stablecoin IAC**, the platform facilitates **fast, traceable, and low- cost payments** across the agriculture value chain.

- SITUATION
- PROTECTION
- TECHNOLOGY
- SCIENCE
- PRODUCT
- STORAGE
- CONTACT
- FIRST PAGE



CONTACT

info@greenbullone.com
www.greenbullone.com

CONTACT

SITUATION

PROTECTION

TECHNOLOGY

SCIENCE

PRODUCT

STORAGE

CONTACT

FIRST PAGE