



JOIN OUR HUMANITY PROJECT

ULTRA EFFICIENT FERTILIZER TECHNOLOGY



Ikue AgoTech advantages

- Nano and Ionic technology **increase photosynthesis**.
- Significant **increase in green mass**
- **Increase total production** up to 100%
- **100% natural** mineral Products
- **Reduce water demand** by up to 70%
- 98% conventional fertilizer reduction
- Lower transportation & storage costs
- Shorten the growth period by up to 30% (rapid growth of diarrhea)
- **Less expensive** than conventional fertilizers
- Special preventive measures to **control fungi, insects and plant diseases by improving resistance**
- **Increase the dry mass** of the fruit
- **Boosts the quality** of the fruit & taste
- **Reduces soil salt and acidity** and prevents it from overflowing
- **Restoring the soil** by eliminating additional chemical fertilizers.

SITUATION

PROTECTION

TECHNOLOGY

SCIENCE

PRODUCT

VIDEO

CONTACT

FIRST PAGE

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 Ikue AgroTech** we are far below average **50-800 kg per hectare Conventional Fertilizer**



Country	Ikue AgroTech (g/ha)	Conventional Fertilizer (kg/ha)
USA	5	50-800
China	5	50-800
India	5	50-800
UK	5	50-800
France	5	50-800
Germany	5	50-800
Italy	5	50-800
Spain	5	50-800
Japan	5	50-800
South Korea	5	50-800
Australia	5	50-800
Canada	5	50-800
Brazil	5	50-800
Argentina	5	50-800
Chile	5	50-800
Colombia	5	50-800
Venezuela	5	50-800
Peru	5	50-800
Ecuador	5	50-800
Bolivia	5	50-800
Paraguay	5	50-800
Uruguay	5	50-800
Costa Rica	5	50-800
Panama	5	50-800
Dominican Republic	5	50-800
Honduras	5	50-800
Guatemala	5	50-800
Belize	5	50-800
El Salvador	5	50-800
Nicaragua	5	50-800
Haiti	5	50-800
Dominican Republic	5	50-800
Jamaica	5	50-800
Trinidad and Tobago	5	50-800
Guyana	5	50-800
Suriname	5	50-800
French Guiana	5	50-800

COMPARISON SHEET



SITUATION

PROTECTION

TECHNOLOGY

SCIENCE

PRODUCT

VIDEO

CONTACT

FIRST PAGE



20Kg
 N_2O /Ha

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 (N_2O)** is released.

That's equal to around **86 kg of CO_2 emissions** per hectare.

[SITUATION](#)[PROTECTION](#)[TECHNOLOGY](#)[SCIENCE](#)[PRODUCT](#)[VIDEO](#)[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 of agricultural machinery to reduces costs and co2 emissions.

SITUATION

PROTECTION

TECHNOLOGY

SCIENCE

PRODUCT

VIDEO

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 Ikue AgroTech 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 Ikue AgroTech: Min. + 1.5 billion tons
Max. + 10.5 billion tons

SITUATION

PROTECTION

TECHNOLOGY

SCIENCE

PRODUCT

VIDEO

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.

Ikue AgroTech'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

VIDEO

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

VIDEO

CONTACT

FIRST PAGE

We protect food and health 



Shards
of glass

LESS PESTIZIDES...

The mechanical effect of Ikue AgroTech **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

VIDEO

CONTACT

FIRST PAGE



IONIC TECH



Ikue AgroTech'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.

SITUATION

PROTECTION

TECHNOLOGY

SCIENCE

PRODUCT

VIDEO

CONTACT

FIRST PAGE

HOW IONIC WORKS

[SITUATION](#)[PROTECTION](#)[TECHNOLOGY](#)[SCIENCE](#)[PRODUCT](#)[VIDEO](#)[CONTACT](#)[FIRST PAGE](#)

HOW IKUE IONIC 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 Ikue 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 and Efficiency

Although the raw material may seem **high in EC and arsenic per kg**, the **ultra-low dose and advanced IONIC TECH** of Ikue AgroTech:

- 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	Ikue AgroTech Fertilizer
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

VIDEO

CONTACT

FIRST PAGE

Ikue AgroTech Process Deep in the leaf

How it the work 

SITUATION

PROTECTION

TECHNOLOGY

SCIENCE

PRODUCT

VIDEO

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**.



Watch the video deep in the leaves



We provide digital agriculture



Integrated Tools for Smart Agriculture

Ikue AgroTech 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 users 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

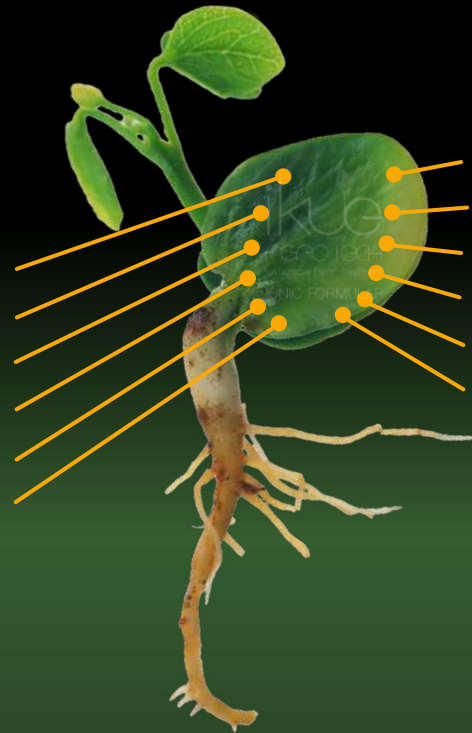
VIDEO

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 Ikue AgroTech

SITUATION

PROTECTION

TECHNOLOGY

SCIENCE

PRODUCT

VIDEO

CONTACT

FIRST PAGE

Ikue Agrotech 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**.

Are there any case studies?

Fertilizers have been used in many countries and in many plants and have achieved amazing results. Here are a selection of success stories, where the use of fertilizers has increased yield or rot and cured diseases & parasites.



Big Green Oak
after 5 days compared with NPK Fertilizer.
Quantity of seeds both the same.



Green Pak Choy after 5 days compared
with conventional NPK fertilizer.
Quantity of seeds both the same.

SITUATION

PROTECTION

TECHNOLOGY

SCIENCE

PRODUCT

VIDEO

CONTACT

FIRST PAGE

Test Results From Kenya April – June 2025



Vegetables such as amaranth, Sukuma wiki (kale) and spinach

The tests were carried out using conventional fertilizers currently available on the Kenyan market.

The farm was divided into equal plots for:

1. CAN – calcium ammonium nitrate
2. DAP – diammonium phosphate
3. Local fertilizers
4. Ikue AgroTech fertilizer
5. Control (no addition)



Success Stories



SITUATION

PROTECTION

TECHNOLOGY

SCIENCE

PRODUCT

VIDEO

CONTACT

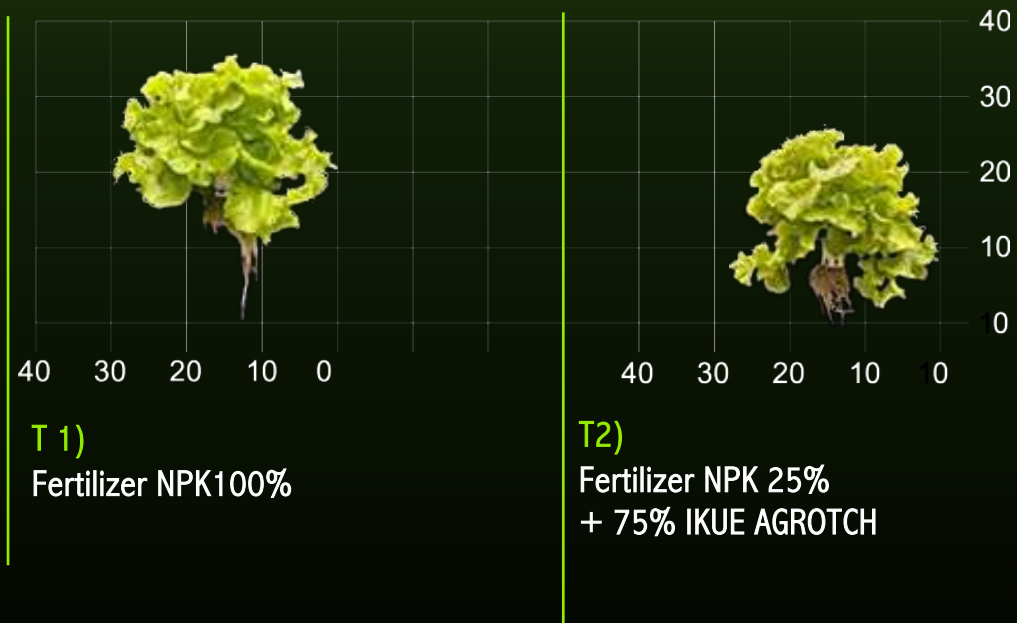
FIRST PAGE



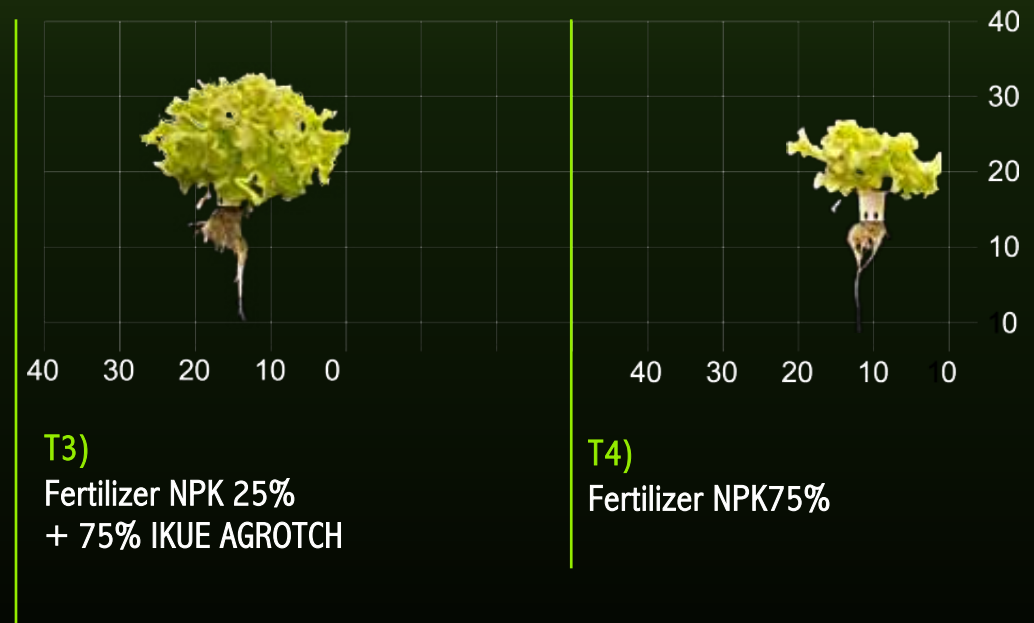
Type of fertilizer

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

Grow in water



Apply to Leaf's



SITUATION

PROTECTION

TECHNOLOGY

SCIENCE

PRODUCT

VIDEO

CONTACT

FIRST PAGE





























Type of fertilizer

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

APPLYING NPK TO THE SOIL & SPRAYING AGROTECH ON LEAVES

TEST RESULT CHILI



T1 NPK+ AGROTECH 14g Soil +Spray	T2 NPK+ AGROTECH 10g Soil + Spray	T3 NPK+ AGROTECH 7g Soil +Spray	T4 NPK+ AGROTECH 3.5g Soil +Spray	T5 NPK 14g Soil	T6 AGROTECH Spray	T7 0.0	
							30 20 10 0 28 Days
							30 20 10 0 42 Days
							50 40 30 20 10 0 56 Days
							50 40 30 20 10 0 70 Days

Request For full
Test Report

SITUATION

PROTECTION

TECHNOLOGY

SCIENCE

PRODUCT

VIDEO

CONTACT

FIRST PAGE

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
- VIDEO
- CONTACT
- FIRST PAGE

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

VIDEO

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
Ikue AgroTech fertilizer



Mealy bug infection on
sugar cane control plot

Good health
condition of sugar
cane test plot

SITUATION

PROTECTION

TECHNOLOGY

SCIENCE

PRODUCT

VIDEO

CONTACT

FIRST PAGE

Our product packing sizes



TEST KIT



REQUEST SAMPLES



SITUATION

PROTECTION

TECHNOLOGY

SCIENCE

PRODUCT

VIDEO

CONTACT

FIRST PAGE



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

ORDER PRODUCT





Grow funds 

Ikue AgroTech's financial model, powered by its desktop & mobile app:

The financial model is powered by a digital platform (desktop and mobile app) that combines Ikue AgroTech ultra-efficient fertilizer, agricultural tools, and harvest marketplace sales with a blockchain-based 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

VIDEO

CONTACT

FIRST PAGE



CONTACT

gicomsconsulting@gmail.com

CONTACT

SITUATION

PROTECTION

TECHNOLOGY

SCIENCE

PRODUCT

VIDEO

CONTACT

FIRST PAGE

