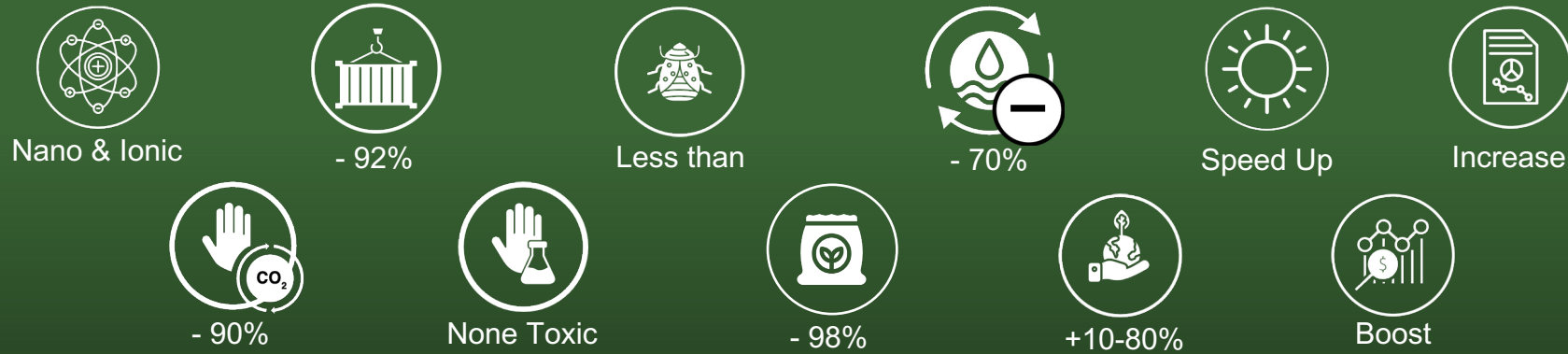




JOIN OUR HUMANITY PROJECT

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

Road CO₂

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

The infographic displays CO2 emissions per capita in 2019 for various countries, categorized by region. The data is presented in a table format with columns for the country, region, and CO2 emissions per capita in kg. The countries are color-coded based on their emissions: green for low emissions, yellow for medium, and red for high. A legend at the bottom indicates the color scale for CO2 emissions in kg per capita.

Country	Region	CO2 Emissions per capita (kg)
Spain	Europe	4,100
France	Europe	4,000
Germany	Europe	3,900
Italy	Europe	3,800
United Kingdom	Europe	3,700
Sweden	Europe	3,600
Netherlands	Europe	3,500
Denmark	Europe	3,400
Belgium	Europe	3,300
Austria	Europe	3,200
Switzerland	Europe	3,100
Luxembourg	Europe	3,000
Portugal	Europe	2,900
Greece	Europe	2,800
Poland	Europe	2,700
Czech Republic	Europe	2,600
Slovakia	Europe	2,500
Hungary	Europe	2,400
Slovenia	Europe	2,300
Croatia	Europe	2,200
Bulgaria	Europe	2,100
Romania	Europe	2,000
Latvia	Europe	1,900
Lithuania	Europe	1,800
Estonia	Europe	1,700
Finland	Europe	1,600
Ireland	Europe	1,500
Malta	Europe	1,400
Cyprus	Europe	1,300
Turkey	Europe	1,200
Algeria	North Africa	1,100
Egypt	North Africa	1,000
Libya	North Africa	900
Tunisia	North Africa	800
Morocco	North Africa	700
Israel	North Africa	600
Jordan	North Africa	500
Saudi Arabia	North Africa	400
UAE	North Africa	300
Qatar	North Africa	200
Bahrain	North Africa	100
Oman	North Africa	50
Yemen	North Africa	20
Somalia	North Africa	10
Ethiopia	North Africa	5
Kenya	North Africa	2
Rwanda	North Africa	1
Burundi	North Africa	0.5
DRC	North Africa	0.2
Congo	North Africa	0.1
Angola	North Africa	0.05
Nigeria	North Africa	0.02
Ghana	North Africa	0.01
Sierra Leone	North Africa	0.005
Liberia	North Africa	0.002
Ivory Coast	North Africa	0.001
Senegal	North Africa	0.0005
Gambia	North Africa	0.0002
Guinea	North Africa	0.0001
Sierra Leone	North Africa	0.00005
Liberia	North Africa	0.00002
Ivory Coast	North Africa	0.00001
Senegal	North Africa	0.000005
Gambia	North Africa	0.000002
Guinea	North Africa	0.000001
Sierra Leone	North Africa	0.0000005
Liberia	North Africa	0.0000002
Ivory Coast	North Africa	0.0000001
Senegal	North Africa	0.00000005
Gambia	North Africa	0.00000002
Guinea	North Africa	0.00000001
Sierra Leone	North Africa	0.000000005
Liberia	North Africa	0.000000002
Ivory Coast	North Africa	0.000000001
Senegal	North Africa	0.0000000005
Gambia	North Africa	0.0000000002
Guinea	North Africa	0.0000000001
Sierra Leone	North Africa	0.00000000005
Liberia	North Africa	0.00000000002
Ivory Coast	North Africa	0.00000000001
Senegal	North Africa	0.000000000005
Gambia	North Africa	0.000000000002
Guinea	North Africa	0.000000000001
Sierra Leone	North Africa	0.0000000000005
Liberia	North Africa	0.0000000000002
Ivory Coast	North Africa	0.0000000000001
Senegal	North Africa	0.00000000000005
Gambia	North Africa	0.00000000000002
Guinea	North Africa	0.00000000000001
Sierra Leone	North Africa	0.000000000000005
Liberia	North Africa	0.000000000000002
Ivory Coast	North Africa	0.000000000000001
Senegal	North Africa	0.0000000000000005
Gambia	North Africa	0.0000000000000002
Guinea	North Africa	0.0000000000000001
Sierra Leone	North Africa	0.00000000000000005
Liberia	North Africa	0.00000000000000002
Ivory Coast	North Africa	0.00000000000000001
Senegal	North Africa	0.000000000000000005
Gambia	North Africa	0.000000000000000002
Guinea	North Africa	0.000000000000000001
Sierra Leone	North Africa	0.0000000000000000005
Liberia	North Africa	0.0000000000000000002
Ivory Coast	North Africa	0.0000000000000000001
Senegal	North Africa	0.0

COMPARISON SHEET



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's equal to around **86 kg of CO₂ emissions** per hectare.

SITUATION

PROTECTION

TECHNOLOGY

SCIENCE

PRODUCT

VIDEO

CONTACT

FIRST PAGE

We protect agriculture



SITUATION

PROTECTION

TECHNOLOGY

SCIENCE

PRODUCT

VIDEO

CONTACT

FIRST PAGE

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.



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



Video



Video

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



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

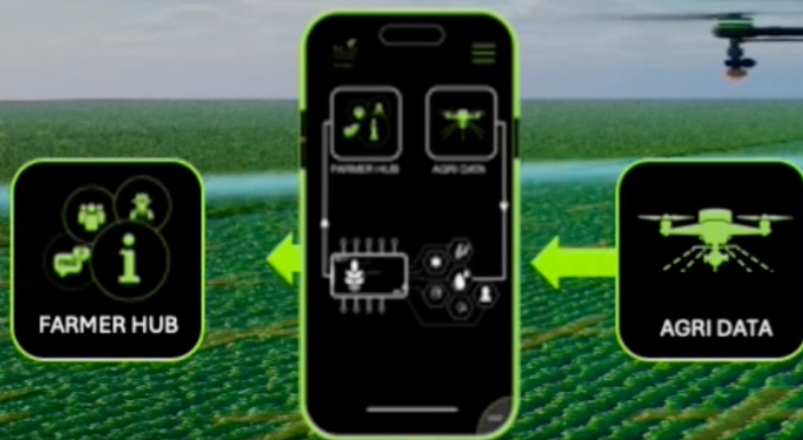
Nono and Ionic technology increase photosynthesis

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



SITUATION

PROTECTION

TECHNOLOGY

SCIENCE

PRODUCT

VIDEO

CONTACT

FIRST PAGE

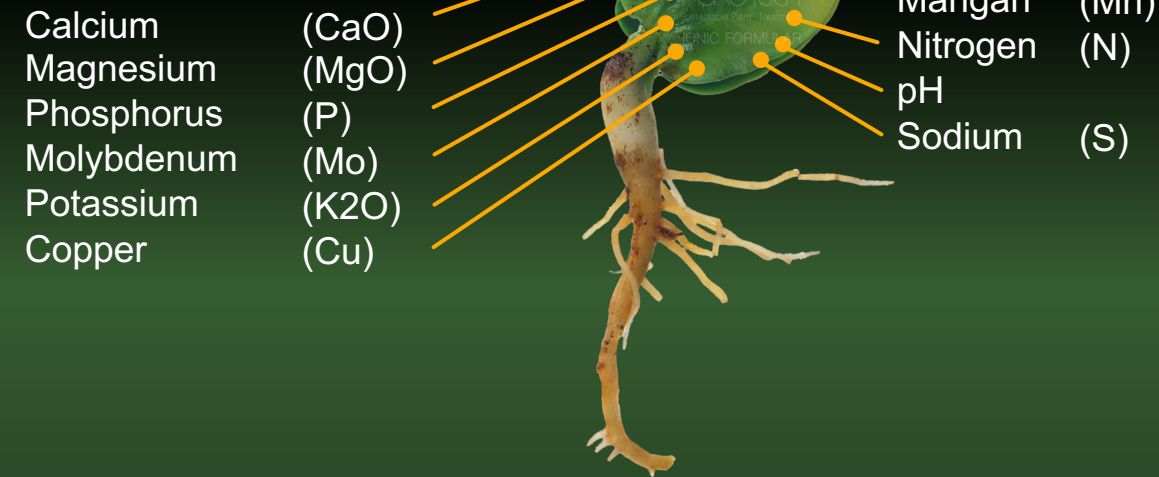
Integrated Tools for Smart Agriculture

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

MINERALS



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**.

Success Stories



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

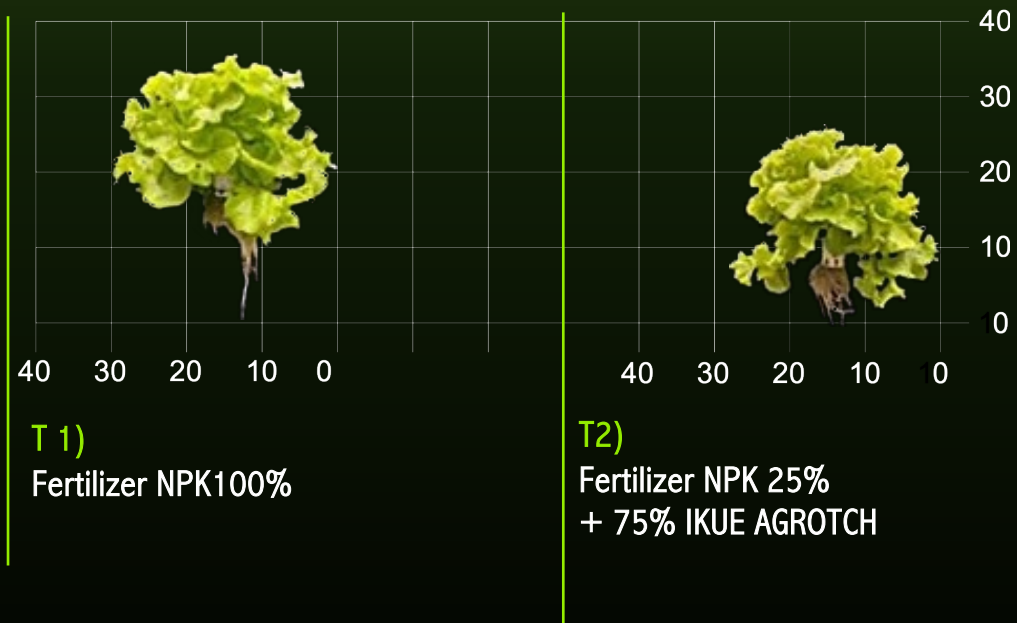
Hydro Test Result Salat



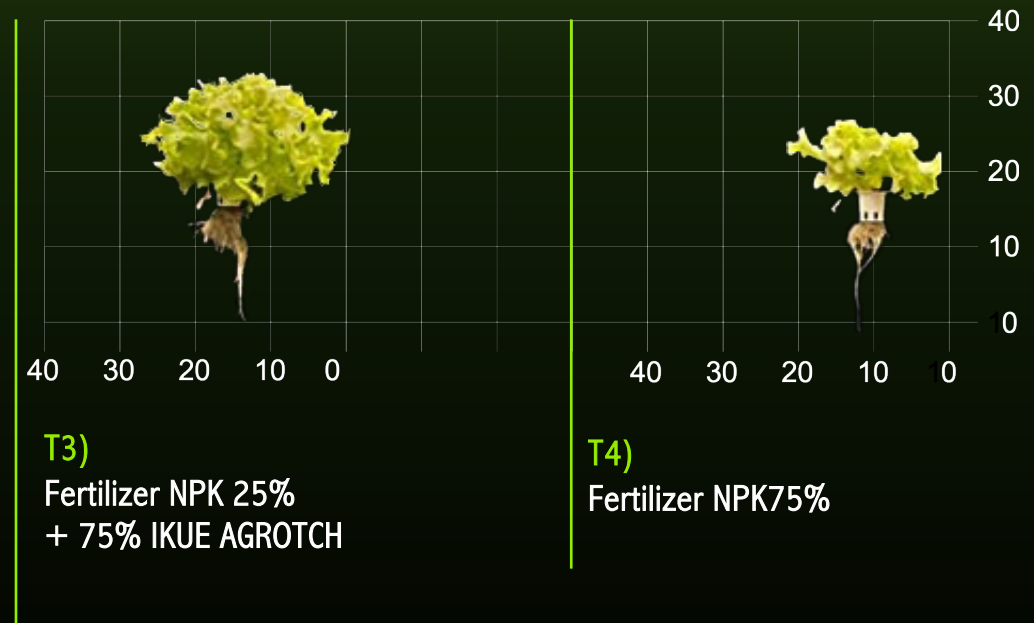
Type of fertilizer

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

TEST RESULT CHILI

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

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

TEST RESULT VEGETABLES

SUITABILITY FOR VERGATABLES, FRUITING VEGETABLES

PLANT	YIELD INCREASE	SPECIAL FEATURES
Salad	Up to 25 %	Improved shelf life
Celery	Up to 10 %	
Pumpkin	Up to 40 %	
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

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](#)
[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
Ikué 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



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

ORDER PRODUCT



Our product packing sizes



TEST KIT



REQUEST SAMPLES



SITUATION

PROTECTION

TECHNOLOGY

SCIENCE

PRODUCT

VIDEO

CONTACT

FIRST PAGE



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.



info@ikueconsulting.com
www.ikueconsulting.com

CONTACT

SITUATION

PROTECTION

TECHNOLOGY

SCIENCE

PRODUCT

VIDEO

CONTACT

FIRST PAGE