



ULTRA EFFICIENT FERTILIZER TECHNOLOGY



Situation

MORE



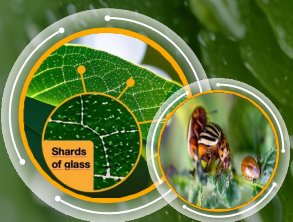
Technology

MORE



Protection

MORE



Science

MORE



Product

MORE



Presentation Content



The Presentation
Highlights of an
innovatively **designed**
technology for soil and
plant health.

Accelerates plant growth
and improves yields,
while **lowering overall**
costs, significantly
reduce carbon dioxide
emissions, reduce water
consumption by 70%, and
reduce the use of
conventional fertilizers
by up to 75%.

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Ikue AgoTech advantages



- Nono 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.

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We have developed a fertilizer that protects natural food sources and chains



Presentation
Directly addresses
widespread degradation
of agricultural land
caused by conventional
fertilizers and
cultivation methods.

We offer strong
Prevention Solutions
More damage and
Supporting more
sustainable practices
that protect agricultural
resources
for future generations.

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**Degradation of agricultural land
Caused by conventional fertilizers**



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.



NON TOXIC

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Field
Emission

Production
Emissions

We protect the environment



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

COMPARISON SHEET



Country	Product	CO2 Emissions (kg/ha)
USA	Conventional Fertilizer	500
	Ikue AgroTech	5
EU	Conventional Fertilizer	800
	Ikue AgroTech	5
UK	Conventional Fertilizer	600
	Ikue AgroTech	5
France	Conventional Fertilizer	700
	Ikue AgroTech	5
Germany	Conventional Fertilizer	800
	Ikue AgroTech	5
Italy	Conventional Fertilizer	900
	Ikue AgroTech	5
Spain	Conventional Fertilizer	1000
	Ikue AgroTech	5

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We protect agriculture



We support more sustainable practices that protect agricultural resources 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 machinery and storage to reduces costs and co2 emissions.

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We protect water resources



**69% of the fresh water
available worldwide is used
in agriculture**

Reducing water consumption



**Acceleration
Photosynthesis reduces
the vegetation period and
thus we can save up
to 70% water and
Reduce overall costs.**

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Cost - Effective Farming

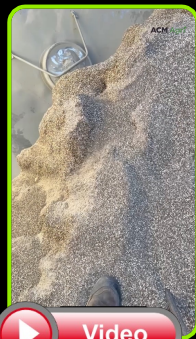
Fertilizer costs reduction **\$9 per hectare**, significantly cheaper than nitrogen (\$50–150/ha) and urea \$30 – 100 hectare.

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: \$100,000



Video



Video

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Powerful Tools Integration

Monitoring & manage field variability in crops. Using drones with GPS, sensors, & data analytics. **Optimize inputs** such as water, fertilizers & pesticides for efficiently and sustainably.

Digital agriculture **enhances crop yields**, reduces waste, & minimizes environmental impact. **Finding and avoid causes** means **more productive** and eco-friendly farming practices.

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ikue
AGROTECH
Sustainable Plant Treatment
IONIC FORMULAR

Ionic Tech



IKUE IONIC TECH

It is an advanced fertilizer innovation that activates **natural ionic processes within plants**, enhancing growth, nutrient absorption, and overall plant health through micro stimulation.

WHAT IS IONIC TECH?

IONIC TECH refers to the **activation of positive (cation) and negative (anion) ions** in the plant system.

These ions are essential for nutrient transport, regulation of metabolism, and **ensuring healthy growth**.

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How IONIC 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 vitalenzymes & 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.

Boosts Photosynthesis & Roots:

By activating Mg^{2+} and PO_4^{3-} , the fertilizer **increases energy production** & deeper, healthier roots.

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Biological Value



Biological Value and Efficiency
although the raw materials may appear **high in EC and arsenic per kilogram.**

Ultra-low dose and advanced ionic technology from Ikue AgroTech:

- Avoid toxicity
- Activate plant metabolism
- Improve yield and quality with minimal environmental burden

Superior Efficiency:

- 1 kg Coverage 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

Comparison Sheet



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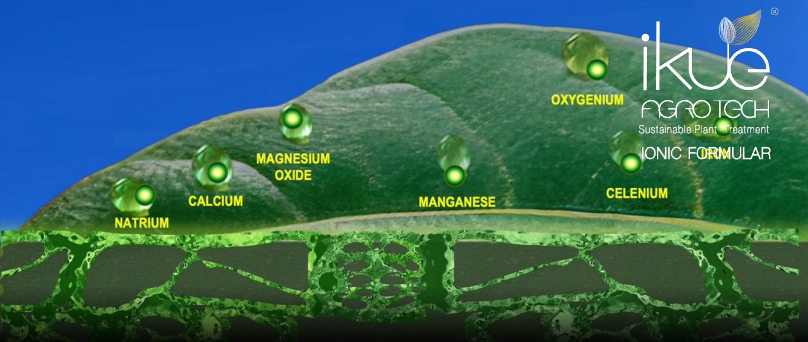
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How Ikue AgroTech Works



The Nono particles opens the pores of the leaves and speeds up photosynthesis and the nutrients go faster than traditional fertilizer through the stomata (leaf organs) and through the entire system to the roots.

It higher metabolic processes, but also to other physiological processes (postmolenque) and ionic processes.



Watch the video deep in the leaves

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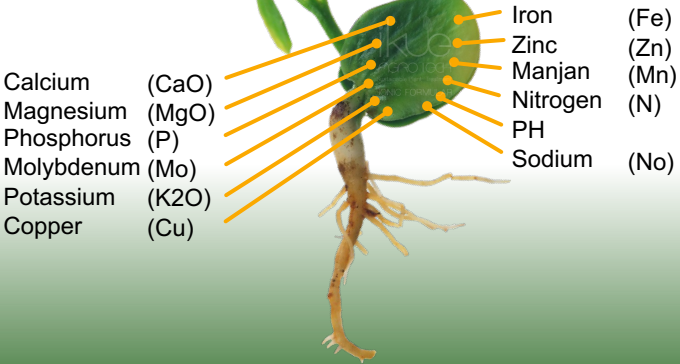
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MINERALS



What is Ikue AgroTech



All nutrient components (including calcium, zinc, magnesium, phosphorus, molybdenum, potassium, copper, iron, manganese and others) are sourced from **100% naturally occurring minerals.**

The product is not chemically synthesized & does **not contain organic matter of plant or animal origin.** Therefore, it is not considered a chemical or organic fertilizer..

PRODUCT

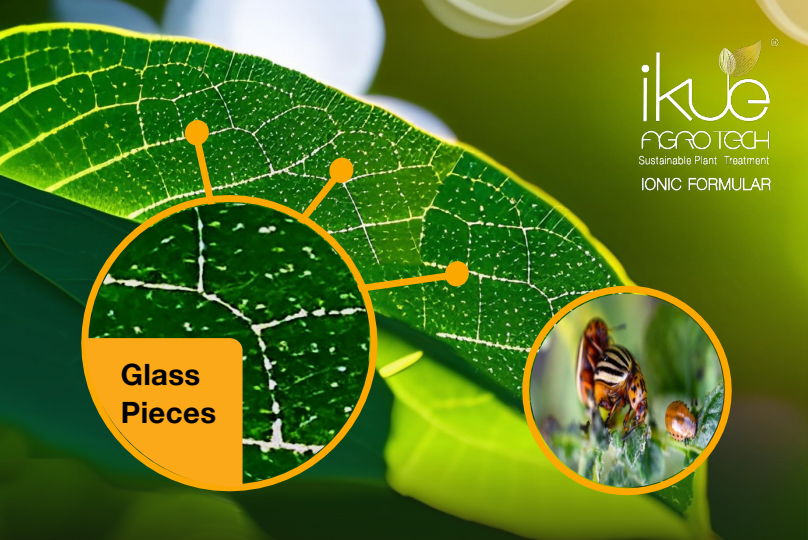
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Glass
Pieces

We protect food and health



Less pesticides.

The mechanical effect
of IkueAgroTech keeps
insects away from the
leaves.

Silicate particles look like
small pieces of glass and
remain on the surface of
the sheet.

There are very pleasant
side effects that attack
the nostrils and clog the
organs of the respiratory
system.

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Success Stories



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)



Video



Video

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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.

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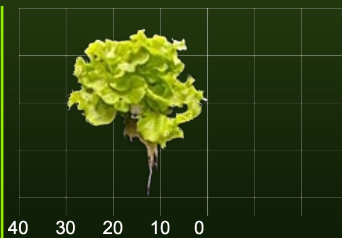
Hydro Test Result Salat



Type of fertilizer

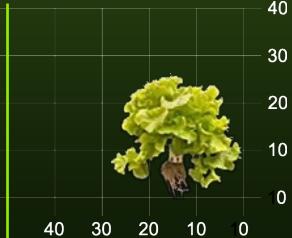
NPK 13-13-21 Period = 8 months
IKUE AGROTECH Progress = every 7 days

Grow in water



T 1)

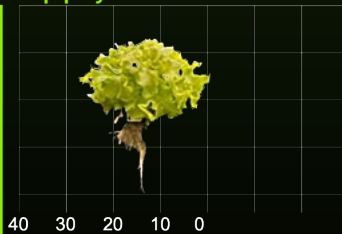
Fertilizer NPK100%



T2)

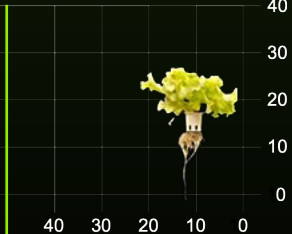
Fertilizer NPK 25%
+ 75% IKUE AGROTECH

Apply to Leafs



T3)

Fertilizer NPK 25%
+ 75% IKUE AGROTECH



T4)

Fertilizer NPK75%

Test Result Jinda Pepper



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) 14.0 Gram NPK + AGROTECH
T2) 10.5 Gram NPK + AGROTECH
T3) 7.0 Gram NPK + AGROTECH
T4) 3.5 Gram NPK + AGROTECH

T5) AGROTECH RESH ONLY
T6) 14.0 Gram NPK
T7) Sprout



Request
For full
Test Report

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

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Our Packing Sizes



10kg bag	= 500 hectares
1 kg box	= 50 hectares
Pack 25 g	= 1 hectare
25 Pieces	= 3 hectares

TEST KIT



Order Product



Request Samples

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Grow Funds



Ikue AgroTech integrates ultra-efficient fertilizers, agri-tech tools, and a harvest marketplace into a single digital platform powered by blockchain-based rewards and a gold-backed stablecoin (IAC).

The platform enables partners to earn additional funds through multiple revenue streams across the agricultural value chain. Every transaction fertilizer sales, tool usage, and harvest trading generates additional funds for each partner, humanity and agriculture project.

Using of gold based stable coin IAC, the platform facilitates fast, traceable, and low-cost payments across the agriculture value chain.

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Sustainable Plant Treatment

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