

5g/Hectare
IKUE AGROTECH
Fertilizer



STEP 1

PREPARING THE SOIL

CONVENTIONAL FERTILIZER:

University studies and field results indicate that conventional fertilizer use may be reduced by up to 75% when used together with Ikue AgroTech. The reduction level depends on soil conditions, water availability, climate, crop type, and farming practices, and may further improve over time as soil conditions and nutrient efficiency develop.

BASIC MIX (depend on soil quality):

Use **1 tablet** mixed with **20-liter water** = 480m².

Use **25 tablet** mixed with **600-800 liter** water = 1 Hectare.

Use **1 spoon powder (0.125g)** mixed with **20 liter** water = 250 m².

Use **40 spoon powder (5.0g)** mixed with **600-800 liter** water = 1 Hectare.

WARNING:

Mixing Ikue AgroTech with other fertilizers, etc., reduces its effectiveness.

Method:

Use a very **large nozzle** and spray with a knapsack sprayer, Tractor with spray tank or Drone and Apply with a **strong spray mist**

How to mix





GENERAL STEP:

SOAKING THE SEEDS IN OUR FERTILIZER:

GERMINATION:

Brief seed soaking enhances germination, supports early root development, and promotes uniform field emergence.

SOAKING SCHEDULE:

The required soaking time varies by crop and must remain limited and useful to standard seeding machines.

SEEDING:

Make sure that you do not soak for too long, so that seeds retain their full flowability and can be used with standard mechanical and pneumatic sowing devices.



5g/Hectare
IKUE AGROTECH
Fertilizer

STEP 2

APPLICATION PHASE AFTER THE FIRST LEAVES APPEAR:

MIX AND SPRAY SCHEDULE:

According to the instructions in the table below (Click the button)

[How to mix](#)

NOTE:

You do not need any additional conventional fertilizers once the first leaves appear.

PESTICIDES:

If necessary, you can use non-toxic pesticides. These may only be applied two days after the last application of our fertilizer.

WARNING:

Mixing Ikue AgroTech with other fertilizers, etc., reduces its effectiveness.

METHOD:

Use a very **fine nozzle** and spray with a knapsack sprayer, Tractor with spray tank or Drone and apply with a mist spray

5g/Hectare
IKUE AGROTECH
Fertilizer

STEP 3

APPLICATION PHASE:

MONITORING:

Check plant growth, soil moisture and pH regularly during each phase to make sure the treatment is working properly.

MIX AND SPRAY SCHEDULE:

According to the instructions in the table below (Click the button)

[How to mix](#)

NOTE:

You do not need any additional conventional fertilizers once the first leaves appear.

PESTICIDES:


If necessary, you can use non-toxic pesticides. These may only be applied two days after the last application of our fertilizer.

WARNING:

Mixing Ikue AgroTech with other fertilizers, etc., reduces its effectiveness.

METHOD:

Use a very **fine nozzle** and spray with a knapsack sprayer, Tractor with spray tank or Drone and apply with a mist spray.



5g/Hectare
IKUE AGROTECH
Fertilizer

STEP 4

APPLICATION PHASE:

Check your plants and the soil's pH level.

MIX AND SPRAY SCHEDULE:

According to the instructions in the table below (Click the button)

[How to mix](#)

NOTE:

You do not need any additional conventional fertilizers once the first leaves appear.

Pesticides:

If necessary, you can use non-toxic pesticides. These may only be applied two days after the last application of our fertilizer.

WARNING:

Mixing Ikue AgroTech with other fertilizers, etc., reduces its effectiveness.

Method:

Use a very **fine nozzle** and spray with a knapsack sprayer, Tractor with spray tank or Drone and apply with a mist spray.



HOW TO USE ARGOTECH TREATMENT:


The information in these guidelines may be different depending on the country-specific climate and crops.



In the case of extreme climatic conditions etc., please send us the relevant information.




This includes the following information:





- Condition of the soil
- Air humidity
- Water quality
- Existing water reservoirs (lake, river, etc.)
- Rain periods
- Last harvest quantity and quality
- Other problems

Category	Stage	Description	Mix (Tablet)	Mix (Powder)	Spraying Schedule
Soil Preparation 	Before planting	Spray soil once at start of planting to prepare soil conditions	1 tablet / 20L (480m ²) 25 tablets / 600-800L (1ha)	1 spoon 0.125g / 20L (250m ²) 5g / 600-800L(1Ha)	Once
Rice & Grain 	Seed Preparation	Soak seeds before planting to improve germination & achieve. Follow Instruction page 2	1 tablet / 20L (480m ²) 25 tablets / 600-800L (1ha)	1 spoon 0.125g / 20L (250m ²) 5g / 600-800L(1Ha)	The required soaking time varies by crop and must remain limited and useful to standard seeding machines.

Category	Stage	Description	Mix (Tablet)	Mix (Powder)	Spraying Schedule
Rice & Grain 	Growth Cycle	<p>Spraying should be avoided when rice is pollinating (Flowering period), because spraying will disturb the pollination process.</p> <p>Efficiency Booster contributes to good root formation and stronger, resulting in strong stems, upright leaves, long pods and good weight.</p>	1 tablet / 20L (480m ²)	1 spoon 0.125g / 20L (250m ²)	<p>1st Spray: When seedlings are aged 20 - 30 days.</p> <p>2nd Spray: When seedlings begin to form clumps at 45 - 50 days.</p> <p>3rd Spray: When the rice begins to husk at 60 - 75 days.</p> <p>4th Spray: When rice husks mature at approximately 90 days.</p>
			25 tablets / 600-800L (1Ha)	5g / 600-800L(1Ha)	
Rubber Tree 	All stages	Enhances leaf and stem cell growth. Apply to fresh cells.	1 tablet / 20L (480m ²)	1 spoon 0.125g / 20L (250m ²)	<p>Every 10-15 days or at longer intervals if the Seedling are overgrown.</p> <p>Large Tree – 1 year & up: Spray every 10 – 15 days reach the fresh leaf or stem cells.</p> <p>Small Tree: Use the same method and spray evenly 10 – 15 days.</p> <p>Tall Tree: Use the same method for spraying the trunks/bases of the tree; the rubber tree can be sprayed 10 – 15 days.</p>
			25 tablets / 600-800L (1Ha)	5g / 600-800L(1Ha)	

Category	Stage	Description	Mix (Tablet)	Mix (Powder)	Spraying Schedule
Palm Tree 	All stages	Supports steady growth. Spray lightly and evenly.	1 tablet / 20L (480m ²)	1 spoon 0.125g / 20L (250m ²)	<p>Spraying Schedule:</p> <p>Spray lightly and evenly every 10 - 15 days at longer intervals if you are afraid of the seedin becoming overgrown.</p> <p>Palm Tree – 1 year & up: Use the same method and spray every 10 – 15 days; spraying the fresh cells of leaves or stems on the trunk of the palm tree would be great.</p> <p>Small Trees: Use the same mix and method and spray evenly.</p> <p>Tall Trees: Use the same ratio and method for spraying the trunks/bases of the trees</p>
			25 tablets / 600-800L (1Ha)	5g / 600-800L(1Ha)	
Field Crops 	After planting	Improves germination and growth. Can be combined with other treatments.	1 tablet / 20L (480m ²)	1 spoon 0.125g / 20L (250m ²)	After Planting: Begin spraying 1 week after planting along with spraying other substances used by farmers spray every 15 – 20 days .
			25 tablets / 600-800L (1Ha)	5g / 600-800L(1Ha)	

Category	Stage	Description	Mix (Tablet)		Spraying Schedule
Large trees and fruits 	All stages		1 tablet / 40L (480m ²) 25 tablets / 600-800L (1Ha)	1 spoon 0.125g / 40L (250m ²) 5g / 600-800L(1Ha)	<p>Large Tree 1 year & up: Use the same mix and method and spray every 10 – 15 days reach the fresh leaf or stem cells.</p> <p>Small Trees: Use the same mix and method and spray evenly.</p> <p>Tall Trees: Use the same mix and spray the same ratio and method for spraying the trunks /bases of the trees.</p>
Leafy green vegetables & kitchen gardens chili, eggplants, luffa gourd, long beans, soybean & cucumbers, etc. 	All stages	Supports leaf density and plant strength. Adjust based on plant condition.	1 tablet / 40L (480m ²) 25 tablets / 600-800L (1Ha)	1 spoon 0.125g / 40L (250m ²) 5g / 600-800L(1Ha)	<p>Spray evenly every 7 – 10 days or 1 -2 Days before and after harvesting by observing the thickness of the plant leaves, soil density or spray whenever convenient.</p>
Mushrooms 	Blooming	Apply after mushrooms start forming. Supports growth cycle.	1 tablet / 80L (480m ²) 25 tablets / 600-800L (1Ha)	1 spoon 0.125g / 80L (250m ²) 5g / 600-800L(1Ha)	<p>Spray every 5 – 7 days after the mushrooms have started blooming</p>

Category	Stage	Description	Mix (Tablet)	Mix (Powder)	Spraying Schedule
Flowering plants 	All stages		1 tablet / 40L (480m ²) 25 tablets / 1200-1600L (1Ha)	1 spoon 0.125g / 40L (250m ²) 5g / 1200-1600L(1Ha)	Spray evenly every 7 – 10 days or 1 -2 Days after harvesting to nourish or restore the plants.
Banana  	Planting banana shoots	Fruiting of bananas : Bananas will flower at different ages depending on the type of banana, for example: Lady finger Banan will start to flower at around 5-6 months. Gros Michel banana will start to flower at around 6-7 months. Ducasse Banana and Silver Bluggoe Banaa take longer and the fruits will ripen at different times.	2 tablet / 20L (480m ²) 25 tablets / 600-800L (1Ha)	2 spoon 0.125g / 20L (250m ²) 5g / 600-800L(1Ha)	Spray after planting, then every 10 days until 1 month old
Banana 	Banana tree 1 month old (Banana clumps)	Spray leaf and base of banana clumps during vegetative growth			Spray leaf and base of the banana every 15 days until 4-month-old

Category	Stage	Description	Mix (Tablet)	Mix (Powder)	Spraying Schedule
Banana 	Banana tree 4 – 5 months, grows rapidly (Banana blossom begins to appear)	Rapid growth stage; continue leaf and base application.	2 tablet / 20L (480m ²) 25 tablets / 600-800L (1ha)	2 spoon 0.125g / 20L (250m ²) 5g / 600-800L(1Ha)	Spray leaf and base of the banana every 15 days
Banana 	Banana tree 5-6 months, Banana blossom is beginning to bear fruit	Continue spraying leaf and base during early fruit set.			Spray leaf and base of the banana 30 days each
Banana 	Banana tree 7- 8 months , Before harvesting	Maintain leaf and base spraying during fruit development until harvest.			Spray leaf and base of the banana 30 days each
Category	Stage	Description	Mix (Tablet)	Mix (Powder)	Spraying Schedule
Cocoa 	After planting (~15 days)	Supports early development after planting.	1 tablet / 40L (480m ²) 25 tablets / 600-800L (1ha)	1 spoon 0.125g / 20L (250m ²) 5g / 600-800L(1Ha)	Spray leaf and base of the tree 7 days each
Cocoa	12–18 months	Maintain steady growth; spray leaf and base.			Spray leaf and base of the tree 15 days each
Cocoa	2 years & older	Continue regular maintenance spray for established trees.			Spray leaf and base of the tree 15 days each