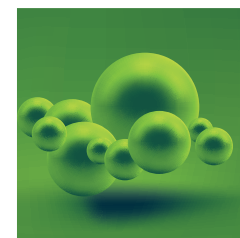


**Abellon Agrisciences**



**PRODUCT**  
CATALOGUE



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# Company Profile

Abellon Agrisciences is a core constituent of the Abellon Group, which mainly operates in the domains of sustainable agriculture and clean energy solutions. Abellon Agrisciences aims at achieving a transformation in the current agricultural scenario through long-term sustainability led interventions and approaches. Abellon's model of sustainable agriculture is based on certain key principles including...

- No conflict among food, fodder, fiber and fuel
- Enhancing yield and productivity by promoting improved agricultural practices
- Creating sustainable interventions and an inclusive growth model involving farmers, experts and the Government, leading to development of agriculture and society as a whole
- Supporting the cause of a 'Clean and Green Environment' leading to a green future

In its endeavor to promote ecologically sustainable agricultural practices, Abellon emphasizes on agricultural research, education and policy interventions with a specific focus on...

- **Applied Crop Sciences** including agri genomics, plant biotechnology, crop physiology, plant pathology, agronomy and horticultural sciences with an aim of judicious utilization of naturally occurring resources to obtain higher vertical productivity ensuring zero loss.

- **Applied Soil Sciences** covering core aspects of soil biology, soil physics & chemistry, soil and plant nutrition, carbon sequestration, to manage interactions among soil components, microbes & plants and as well as atmosphere, which helps in defining the soil's inherent fertility and provides solutions needed for crops to perform best in particular climatic conditions.

- **Harnessing of R&D technology** for better utilization of available natural resources to maximize their efficiency and subsequently to economic yield potential for farmers.

- **Regenerative farming.**

- **Conservation** of natural resources and environment.

# Soil & Plant NUTRITION●●●

Soil is an important natural resource having a very significant role in the survival of all living entities and is a major component of our ecosystem. It supports growth of plants mainly by providing a medium to anchor plant roots and ensuring proper supply of essential nutrients that are necessary for proper growth and development of plants. A plant obtains the following from the soil where its roots proliferate.

- Physical support
- Air
- Water
- Temperature moderation
- Protection from toxins
- Nutrient elements

Understanding these crucial needs of plants, Abellon's umbrella of offerings comprises of Basal Dose of Essential Nutrients for enriching the soil with all the above listed factors. Thus, keeping in mind a holistic view of soil and plant sciences, Abellon Agrisciences has introduced variants in its product portfolio, which specially cater to the needs of soil as well as plant nutrition.

# Sampoorna

Sampoorna is an integrated soil nutrient, which supports overall growth of all types of plants as well as provides natural fertility to the soil. Sampoorna contains an inherent characteristic mix of natural components including organic matter, activated bio-degradable organic carbon, consortia of beneficial microbes, essential nutrient fortified from organic sources and plant growth promoters.

## Mode of Action

Sampoorna provides more fixed organic carbon in soil, which stimulates proliferation of microbes. The microbes break down the complex organic matter into organic acids, which optimizes physical and chemical processes of soil and balances soil pH. This leads to efficient solubilization & mobilization of the nutrients and better nutrient availability to plants. Other benefits include better soil quality in terms of water permeability, water holding capacity and leaching of nutrients.

## Benefits

- Boosts immune system of plants
- Complete and healthy development of plants
- Provides protection against insects and pests
- Improved fruit quality and yield

## Method of Application

- At the time of sowing, mix Sampoorna with soil and apply it below the soil layer. Do not keep soil pellets above the soil surface.
- According to varying requirements of plants and soil, apply Sampoorna 50 to 150 Kg for per acre of land.
- For best results, use within 2 to 3 days after opening of bag.



## Recommended Dosage

Crops	Application time	Application Dosage
Wheat, Rice	At the time of sowing	50- 100 Kg per acre
Maize, Sunflower	At the time of sowing	50- 100 Kg per acre
Soyabean, Arhar	At the time of sowing	50- 75 Kg per acre
Sugarcane	At the time of sowing	50- 75 Kg per acre
	After 3 months of sowing	75 – 100 Kg per acre
Vegetables	At the time of sowing	100 Kg per acre
Cotton, Castor and Tobacco	At the time of sowing	50- 75 Kg per acre
Water melon, Musk Melon and other cripper vegetables	At the time of sowing	75 – 100 Kg per acre
Groundnut, Potato & Onion	At the time of sowing	100 -150 Kg per acre
Papaya & Pomegranate	At the time of sowing	200 gm per plant
	After 3 months of sowing	150 gm per plant
Mango, Sopata, Orange, Lemon, Coconut	Twice in a year	2 to 3 Kg per plant ( less than 5 years age )
		5 to 6 Kg per plant ( more than 5 years age )
Ornamental plants	Thrice in a year	100 -150 Kg per acre
Medicinal plants	At the time of sowing	75 – 100 Kg per acre



## BANANA GOLD

A specially designed integrated nutrient for Banana plantation as per their tissue analysis. It contains an inherent mix of natural components including organic matter, activated bio-degradable organic carbon, consortia of beneficial microbes, essential nutrients fortified from organic sources and plant growth promoters.

### Mode of Action

Banana Gold is an ideal nutrient for cultivation of Banana crops. Banana Gold contains all essential nutrients, which are necessary for continuous and healthy growth. It helps in increasing fixed carbon reservoir in soil, which promotes proliferation of soil microbes. Subsequently, these microbes convert complex organic matter into organic acids, which solubilize and mobilize soil nutrients.

### Benefits

- Helps in overall development of plants
- Stimulates immune system of plants
- Increases flowering and fruiting
- Decreases angularity in fruits

### Method of Application

- For planting Banana crop, dig a pit of 45\*45\*45 cms. Do not mix above and below soil layers and keep them separately.
- Mix Banana Gold pellets with above soil layer and then fill it in pit and transplant banana plant in pit.
- After transplanting Banana plants, fill pit with mixture of Banana Gold pellets and below soil layer.
- Irrigation should be done at evening time.
- Do not keep pellets above soil layer.

### Recommended Dosage

Dose frequency	Dosage	Application time
Primary Dose	250 g	At time of transplanting
Repeated application (100 – 120 days )	150 g	At time of earthing up



## swarnim

Swarnim is an activated form of nutrient derived through aerobic digestion of organic strata such as farm residue, growth promoters and concentrated organic material by using consortia of active beneficial microbes.

### Mode of Action

Swarnim is an active form of nutrient with beneficial microbial population. These active microbes immediately start feeding on available organic source in soil to gain energy and convert into humus, which directly helps in improvement of soil structure, physical, chemical as well as biological properties of soil. Subsequently, the soil becomes regenerative and gains inherent fertility by natural recycling.

### Benefits

- Increases soil fertility by restoring all nutrients
- Increases mobilization of essential nutrients in plants
- Proliferates essential microbes for plant and soil health
- Acts as buffer and stabilizes pH of soil
- Improves yield and quality of products

### Method of Application

- According to varying requirements of soil and crops use 500 to 1000 Kg of Swarnim at the time of ploughing. Regular irrigation after application is required.
- After 30 to 45 days of germination of seedlings, during first irrigation Swarnim can be used.





## Evaim

A biological product based on mutual symbiotic association of higher plant roots and beneficial fungus.

### Mode of Action

Evaim contains Mycorrhiza which is symbiotic association between fungus and roots of higher plants. It forms extensions of root systems of plants and thus allows deeper penetration in soil. Thus it speeds up absorption of water, phosphorus solubilization and other essential macro and micro elements and makes them available to the plants in an assimilable form. It imparts drought tolerance to plants and resistance against soil borne fungal pathogens.

### Benefits

- Mobilizes and makes available nutrients to plants in ready-to-take forms
- Promotes proliferation of rhizospheric micro roots
- Improves soil fertility
- Aids in soil remediation to breakdown chemical tolerance

### Recommended Dosage

Soil application: 3 Kg/ acre of land

Nursery bed: 200 g/ sq mt

Seedling stage: 2 g/seedling

Planting: 5g/ seedling

Medium Sized Tress : 50 g/ tree

Large Sized Trees: 200 g/ tree

### Mode of application

**Soil Application:** Mix Evaim with compost to form a homogeneous mixture, and apply at a depth of 10-15 cms.

**Nursery bed:** Mix Evaim with compost and apply to the nursery bed

**Seedling stage:** For nursery stage seedlings, dip roots of seedlings in Evaim and plant into the soil

**Planting:** For use in plantations, mix Evaim with compost and apply it to the soil.

**Medium & large sized trees:** Dig out soil from root zone of plant and apply Evaim and compost mixture around this zone based on canopy area of tree according to above recommended dosage.

### For Better Results

- Use in early hours of morning or late evening. UV radiation in peak sunny hours of the day reduces bioefficacy of the product.



## Oakcy

Contains Oxygen Liberating Compound with adjuvants and safeners, which maintain sustained supply of Oxygen and Calcium for plants during the complete crop cycle. Adjuvants and safeners are needed for consistent release of oxygen to the root zone.

### Mode of Action

Oakcy, when applied to soil and on coming in contact with water starts decomposition immediately. Oxygen released aids in root respiration and calcium ions, thus help in strengthen crops. In presence of sufficient oxygen (aerobic conditions), and other nutrients, beneficial microorganisms will proliferate and promote conversion of organic material into organic acid, which help in mobilization of soil nutrients through buffering soil electrical conductivity & pH.

### Benefits

- Sustainable oxygen release during cropping cycle
- Provides calcium for plant growth
- Stops anaerobes to proliferate
- Enhances in-Situ bioremediation

### Recommended Dosage

Basal Dose: 1 Kg/ acre of land

Orchards: 1 Kg/ plant

### Mode of application

**Basal Dose:** Before planting, broadcast Oakcy directly onto the soil surface as per above dosage.

**Orchards:** Apply 1.5-2.0 Kg/acre orchards. Mix Oakcy with compost/field soil and apply directly to the root zone.

### For Better Results

- Use in early hours of morning or late evening. UV radiation in peak sunny hours of the day reduces bioefficacy of the product.

# GROWTH FACTORS●●●

Plant growth and development largely depends on the combination and concentration of mineral nutrients available in the soil. Plants often face significant challenges in obtaining an adequate supply of these nutrients from soil to meet the demands for basic cellular processes due to their relative immobility. A deficiency of any one of them may result in significant reduction in yield potential.

Changes in the climate and atmosphere can have serious effects on plant growth, including changes in the availability of nutrients. Climate change, thus, has emerged as the biggest challenge for survival of plants and it is necessary to understand the physiological adjustments that plants have evolved through to allow them to cope with these biotic and abiotic stresses.

Abellon, through its understanding about these farming hurdles has designed corrective measures, which accelerate nutrient uptake by creating a micronutrient balance in the local atmosphere in soil. Abellon's range of plant corrective growth factors includes two different products, which act as corrective factors for plants.



## Tracino

A secondary metabolite based product, which addresses abiotic stresses and corrects micro nutrient deficiencies, which plants face during growth and developmental stages.

### Mode of Action

Tracino helps correct micro nutrient deficiencies that are extremely critical during the plant's productive stages. Further it contains plant growth promoters, protein derivatives and peptides which helps plants in overcoming biotic and abiotic stresses during growth and flowering cycles.

### Benefits

- Corrects micronutrient deficiencies in plants
- Provides tolerance to plants against biotic and abiotic stresses
- Increases fruit weight and stops premature flower and fruit drop

Overcomes chemical phytotoxicity

### Recommended Dosage

Foliar application: 100 g/ acre of land

### Mode of application

Foliar application: For preparing spraying solution, mix above recommended dosage of Tracino with regular amount of water/ acre of land. Spray it ensuring coverage of crop canopy area.

### For Better Results

- Use in early hours of morning or late evening. UV radiation in peak sunny hours of the day reduces bioefficacy of the product.
- Use with **Adzovant- Next Generation Non Ionic Spreader and Penetrator**



## Rutaze

A unique combination of secondary metabolites & microbial cellulam, which promotes proliferation of rhizospheric micro-roots.

### Mode of Action

Rutaze contains secondary metabolites and micro-cellulam, which enter inside the root hairs and expand the network of the micro-roots in the rhizospheric zone. Rutaze exudates extracellular protein via root capillaries and react with nutrient complex near the rhizosphere, after which nutrient complex breaks down in soluble form leading to nutrient mobilization through acropetal succession.

### Benefits

- Proliferates rhizospheric micro-roots in root zone
- Breaks down nutrient complex and fastens up nutrient mobilization
- Serves as macro and micro nutrient supplementation for plant

### Recommended Dosage

For drenching: 75 g/ acre of land

### Mode of application

For drenching: Mix above recommended dosage of Rutaze with regular amount of water used/acre of land. Apply Rutaze through drenching methodology onto plants within 15 days of sowing / transplantation.

### For Better Results

- Use in early hours of morning or late evening. UV radiation in peak sunny hours of the day reduces bioefficacy of the product.
- Use with **Adzovant- Next Generation Non Ionic Spreader and Penetrator**.



# PLANT PROTECTION●●●

Agriculture is not a mere matter of cultivation of crops with conventional agronomic practices but it also requires management of insect and pest attacks. In order to harvest a good crop one needs to take proper protection measures from different harmful insects, pests and diseases. These biotic and abiotic factors can cause severe losses to the crop and subsequently to growers.

Varying environmental factors favor greater pest susceptibility and infestation. Farmers are facing serious challenges in management of insect and pest infestation due to resistance development. Intensive application of chemicals and pesticide to the soil are leading to degradation of physical, chemical as well as biological properties in the long run. Moreover, application of these chemicals and pesticides are also causing environmental hazards. In order to provide sustainable agri input solutions to farmers Abellon has developed green products after years of scientific research to avoid such circumstances and ensure better management of insects, pests and diseases.



## Squam

A formulation of 1% emulsifier concentrate (10,000 ppm) based on natural bio-activated catalytic alkaloid which works as an active ingredient.

### Mode of Action

Squam contains alkaloids which has an inhibitory effect on the NADH cytochrome C-reductase and complex I of insect mitochondria. NADH cytochrome C-reductase present in mitochondria is responsible for carrying out important functions in insects including electron transport chain. Squam interferes with all the functions of NADH cytochrome C-reductase and thus inhibits growth of insects and pests. Squam contains annonaceous acetogenins which possess pesticidal and insect antifeedant properties.

### Benefits

- Effective control on major insects & pests
- Pest reduction improves plant health
- Increase in crop productivity

### Recommended Dosage

Foliar application: 200-250 ml/ acre of land

### Mode of application

Foliar application: For preparing spraying solution, mix above recommended dosage of Squam with regular amount of water /per acre of land. Spray it ensuring coverage of crop canopy area.

### Target Pest

Squam effectively controls Bunch caterpillar, Green Leaf Hopper, Leaf Folder, Army worm, Cut Worm Aphid, Brown Plant Hopper of Rice, and other pests such as Helicoverpa armigera, Helicoverpa zea, Spodoptera litura, Spodoptera exigua, Earias spp., Achae janta etc.

### For Better Results

- Use in early hours of morning or late evening. UV radiation in peak sunny hours of the day reduces bioefficacy of the product.
- Use with **Adzovant- Next Generation Non Ionic Spreader and Penetrator.**



## Kitofaz-H

A unique product formulated by using inclusion bodies of ultra microbial origin of nucleo-protein parasitized HA capsid.

### Mode of Action

The Occlusion bodies ingested by insect larvae are dissolved in highly alkaline pH of midgut and is further degraded by host's alkaline proteases enzyme. The polygonal capsid enables ultra-microbe to infect host cells easily and aids in ultra-microbe reproduction. When capsid breaks, ultra-microbe strains are released and begin reproduction. After release, ultra-microbe particles are attached to the peritrophic membrane lining in midgut. Lipoprotein membrane of ultra-microbe and plasma membrane of the gut wall cells fuses to release nucleocapsids in cytoplasm. Transport of capsid DNA into nucleus of the cell, begins gene expression and multiplication starts. The host body filled with capsids visibly swells with fluid containing ultra-microbe. The host turns black and die with release of pale whitish fluid within 2-5 days of application of Kitofaz - H.

### Benefits

- Effectively controls Heliothis armigera
- Reduces pest population and break life cycle of insects
- Eliminates residue or resurgence problems

### Recommended Dosage

Foliar application: 200-250 ml/ acre of land

### Mode of application

Foliar application: For preparing spraying solution, mix above recommended dosage of Kitofaz-H with regular amount of water /per acre of land. Spray it ensuring coverage of crop canopy area. Add blue dye and skimmed milk powder which increases bioefficacy of the product

### Target Pest

Heliothis armigera

### For Better Results

- Use in early hours of morning or late evening. UV radiation in peak sunny hours of the day reduces bioefficacy of the product.
- Use with **Adzovant- Next Generation Non Ionic Spreader and Penetrator.**



## Kacrocin

Contains secondary metabolite (alkaloid) as an active ingredient and is a formulation of 2% emulsifiable concentrate (20,000ppm).

### Mode of Action

Alkaloids present in Kacrocin works as Insect Growth Regulator and acting as an antifeedant on adult and nymphs of mites and other sucking pests like thrips, jassids and white flies. Kacrocin stops insect from eating away crops and plants by adversely affecting their growth and development.

### Benefits

- Effectively controls mites and sucking insects
- Pest reduction leads to improved plant growth and increased productivity
- Eliminates residue or resurgence problems

### Recommended Dosage

Foliar application: 200-250 ml/ acre of land

### Mode of application

Foliar application : For preparing spraying solution, mix above recommended dosage of Kacrocin with regular amount of water / acre of land. Spray it ensuring coverage of crop canopy area.

### Target Pest

Kacrocin effectively controls mites and scales of Pigeon pea. It controls mites and sucking insects like red spider mites, scarlet mites, yellow mites, purple mites, thrips, jassids, aphids and whiteflies, flea beetles, armoured scales.

### For Better Results

- Use in early hours of morning or late evening. UV radiation in peak sunny hours of the day reduces bioefficacy of the product.
- Use with **Adzovant- Next Generation Non Ionic Spreader and Penetrator**.



## Mykysin

A natural bio-activated organic sulfur based secondary metabolite of plant origin, which forms a sheath preventing penetration of fungal pathogens and, thus, provides complete protection to plants.

### Mode of Action

Mykysin moves in acropetal succession up to the leaf blade to shield leaf from pathogen attack. Mykysin stops development of fungi by regulating sterol bio-synthesis in cell membranes. It acts on fungal pathogens during penetration and haustoria formation. Mykysin has no impact on beneficial soil microbes and fertility and is harmless against predatory mites and beneficial insects.

### Benefits

- Prevents fungal penetration and haustoria formation
- Prevents dissemination of fungal spores
- No harmful effects on beneficial soil micro flora and fauna

### Recommended Dosage

Foliar application: 200-250 g/ acre of land

### Mode of application

Foliar application: For preparing spraying solution, mix above recommended dosage of Mykysin with regular amount of water /acre of land. Spray it ensuring coverage of crop canopy area.

### For Better Results

- Use in early hours of morning or late evening. UV radiation in peak sunny hours of the day reduces bioefficacy of the product.
- Use with **Adzovant- Next Generation Non Ionic Spreader and Penetrator**.



## Empedo-V

A natural hydrolysed protein that encapsulates virion particles & prevents their multiplication in the plant system.

### Mode of Action

Empedo-V enters into the plant and transported via vascular bundles of the plant into various plant cells. Empedo-V encapsulates virion particles present in affected plant cells. Encapsulation of virion particles reduces their multiplication with nucleic acid and separate in protein and nuclei particles and thus virus becomes inactive. Empedo-V opens up the conductive tissues blocked by the movement of virus particles and the plant cell starts to recover.

### Benefits

- Prevents virus vector
- Restorative tonic for damage caused by virus vector
- Stays longer and resists bad weather conditions
- Rapid penetration property
- Even distribution on plant surface

### Recommended Dosage

Foliar application: 200-250 ml/ acre of land

### Mode of application

Foliar application: For preparing spraying solution, mix above recommended dosage of Empedo-V with regular amount of water used /acre of land. Spray it ensuring coverage of crop canopy area.

### For Better Results

- Use in early hours of morning or late evening. UV radiation in peak sunny hours of the day reduces bioefficacy of the product.
- Use with **Adzovant- Next Generation Non Ionic Spreader and Penetrator**.



## Bronocin

A broad-spectrum immunomodulator and plant defense activator with prophylactic, preventive and curative properties.

### Mode of Action

Bronocin exhibits a unique mode of action adopting the natural systemic activated resistance response found in most plant species. It activates resistance in the host plants through activating respective centres of plants for protection against a variety of bacterial pathogens.

### Benefits

- Effective immunomodulator & plant defense activator
- Improves plants' immunity by activating Systemic Acquired Resistance.
- Eliminates residue or resurgence problems
- Safe to natural parasites, pollinators and predators

### Recommended Dosage

Foliar application: 60 g/ acre of land

### Mode of application

Foliar application: For preparing spraying

solution, mix above recommended dosage of Bronocin with regular amount of water used / acre of land. Spray it ensuring coverage of crop canopy area.

### Target Pest

Bronocin effectively controls Fire Blight, Citrus Canker, Spots and Blights, Vascular Wilting and many more bacterial diseases. It provides protection against *Erwinia amylovora*, *Erwinia chrysanthemi*, *Erwinia carotovora*, *Erwinia stewartii*, *Pseudomonas* spp., *Streptomyces ipomoea* and *Xanthomonas* spp.

### For Better Results

- Use in early hours of morning or late evening. UV radiation in peak sunny hours of the day reduces bioefficacy of the product.
- Use with **Adzovant- Next Generation Non Ionic Spreader and Penetrator**.

# ADJUVANT

## EFFICACY

## MAXIMIZATION●●●

Plant nutrition, soil fertility, and crop protection are some of the key areas of concern for the farmers. The currently available solutions are capable to address these challenges. However, various biotic and abiotic factors such as evaporation, leaching, temperature, sunlight etc. prevent maximum results of these products. And an effective solution to this challenge is a catalyst product, which can optimize the product and process efficiencies.

Adjuvant is a class of material, which facilitates and accentuates their emulsification and dispersion after spraying on plants. It multiplies the effectiveness of agri inputs and maximizes their efficiency. Abellon has designed Adzovant, which perform specific functions including wetting, spreading, sticking, reducing evaporation, reducing volatilization, buffering, emulsifying, dispersing, reducing spray drift, and reducing foaming.



## Adzovant

An organosilicon based non-ionic super spreader adjuvant and penetrator, which facilitates & accentuates the functioning of all agri inputs. Ensures 100% efficiency by spreading, wetting & penetrating with zero loss.

### Mode of Action

Adzovant, when mixed with agricultural chemicals acts as a surfactant reducing surface tension of water to around 20 dynes which provides easy penetration of chemicals in plants. It also reduces losses due to spray drift and rain speed. Reduction in splashes and extra spillage also reduces soil and ground water pollution.

### Benefits

- Magnifies effect of agricultural inputs
- Maximizes utilization with zero loss
- Enables easy penetration in plants

### Recommended Dosage

Foliar application: 60 ml/ acre of land

### Mode of application

For preparing spraying solution, fill half of the tank with water. Add the fertilizers/pesticides/insecticides/herbicides as per label recommendations. Shake well. Add water to 3/4<sup>th</sup> level of tank. To the above mixture, add Adzovant as the last ingredient, fill water completely and then mix well to get a uniform and homogenous mixture

### For Better Results

- Use within 24 hours of preparation of the spray solution.
- Careful observation of spray application is recommended to determine proper and efficient pesticide/fertilizer application.



# TISSUE CULTURE...

Today, agricultural sciences is facing a revolutuion both in terms of upgrading conventional practices and optimizing productivity and yield. Advancements in genetic sciences have enabled us to develop new ways of plant propagation and cultivation, thus saving time and resources.

Plant tissue culture is one such technique which enables culturing of any part of the plant in a specially defined growth media under aseptic laboratory condition in petri dishes, test tubes or in any other suitable glass containers. Tissue culture is a process that involves exposing plant tissue to a specific in vitro conditions to produce many new plants, each a clone of the original mother plant, over a very short period of time.

Abellon's tissue culture lab is well equipped with ultra modern facilities and high quality standards. Facilities and equipment right from selection of mother plant to their stage of primary and secondary hardening are well calibrated. Alongwith procedures, facilities and equipment used, highly trained professionals are appointed for the purpose of tissue culture. Standards and procedures followed enable us to get high success rate.

# Banana

Banana is regarded as one of the most important fruit crop. Banana occupies around 20% of the land under cultivation in India .

At Abellon, we use GrandNaine variety for tissue culture. Grand Naine is gaining popularity in area of tissue culture and is preferred due to its tolerance to biotic stresses and good quality bunches. Fruit develops attractive uniform yellow colour with better self life & quality than other cultivars.

## Benefits

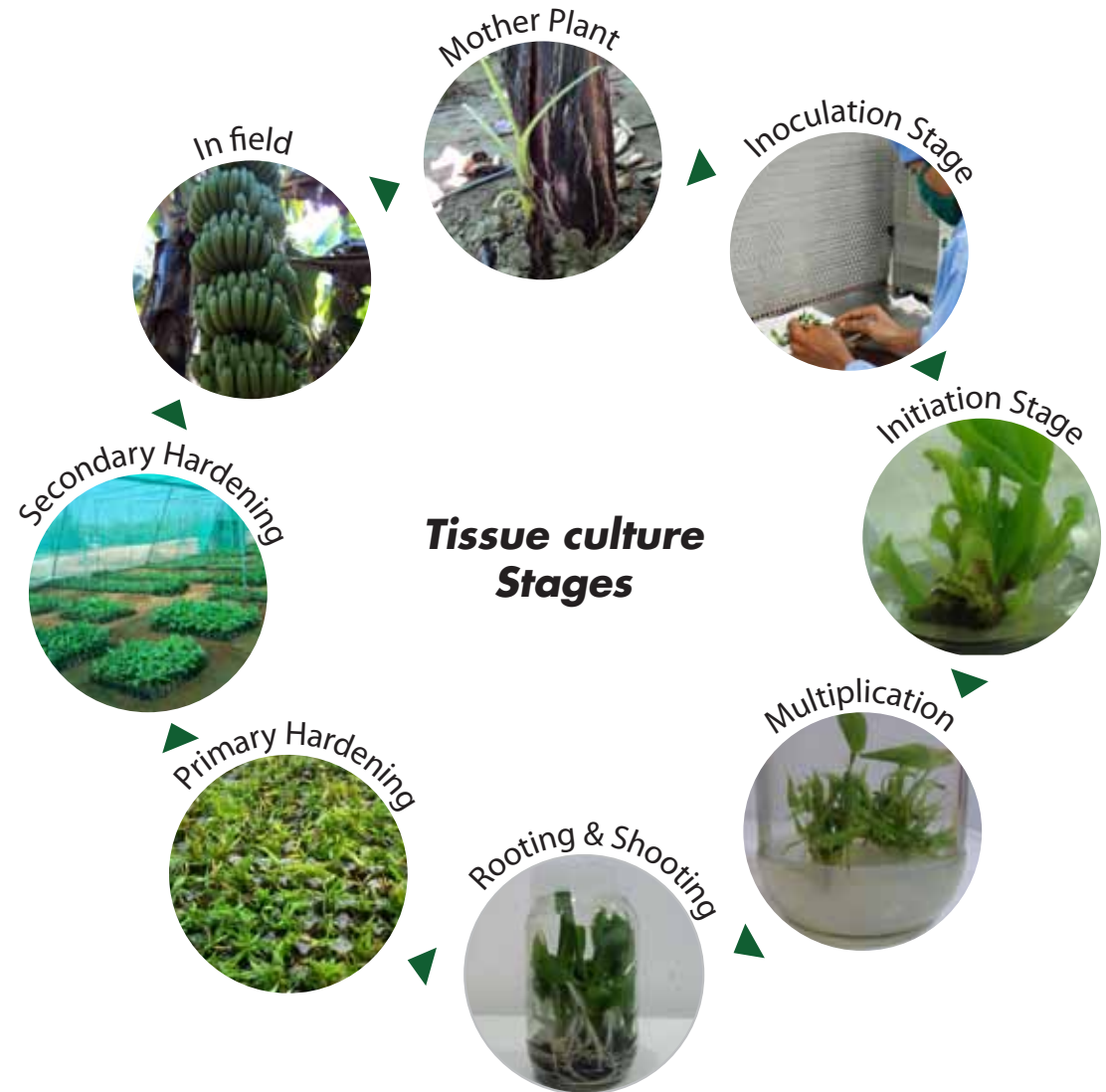
- Disease free and give high yields
- Large number of uniform population
- Pest and disease free seedlings.
- Uniform growth, increases yield

# Bamboo

Bambusa balcooa an indigenous widespread bamboo of North-East India, is considered as the best, tallest, strongest and highly durable and utilized mostly for structural use and pulping. It has maximum girth of culms and rind thickness among all species of the genus bambusa. The species is solid in nature and able to produce more biomass in an acre as compare to other bamboo species.

## Benefits

- Genetically uniform and high biomass yielding
- Disease and virus free
- Continuous harvest every year
- High calorific value
- Low tar in Bamboo biomass



## ***Abellon***

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