



# ASHWATHY GREEN ENTERPRISE

PRIVATE LIMITED



*Nutritious harvest in abundance.*

Advanced agro inputs - Sustainable solutions - Farmer prosperity

Ashwathy Green Enterprise Pvt. Ltd. is a forward-looking agri-tech company committed to delivering eco-friendly, science-driven and tested solutions for sustained development of agriculture.

The company operates from a production facility housed with latest equipment with ISO-1990-2015 [Quality Management] status. Situated in an Industrial Estate for uninterrupted functioning and well connected with road, rail and ports for quick shipment of stocks.

Our products are certified by ECOCERT, France and INDOCERT, India for being non-toxic and eco-friendly.

We currently supply our products to clients in Kenya, UAE, Mauritius, and Algeria. The products are at various stages of registration in Uganda, Sri Lanka, and the US.

## Organic Fertilizers

### n RAISEE



n RAISEE is an organic fertilizer made from good quality neem seeds and is rich in organic carbon and essential plant nutrients.

- Improves aeration and water holding capacity of soil.
- Inhibits the loss of N from soil.
- Protects roots from pests, diseases and nematodes.

Type of Cultivation	Dosage	Method of Application
Grow Bag	150g per grow bag	The first application shall be one month after planting, later once in 6 weeks for three times.
Vegetable Garden	1.00 Kg per sq. m of land	The first application shall be one month after planting, later once in 6 weeks for three times.
Trees	1.50 kg per tree	Twice a year.

## Soil Secure

Soil Secure is an excellent pelletized organic fertilizer manufactured through an unique advanced technology to retain the nutritive value of de-oiled cakes of Neem, Mahua and Pongamia.

- Meets all the nutritional requirement of the crops at all critical stages of growth.
- Improves the root zone environment to augment the uptake of nutrients by roots.
- Promotes beneficial microbes in root zone and protects the roots, tuber and rhizomes from insects and pathogens.



Type of Cultivation	Dosage	Method of Application
Grow Bag	Add 50 g per grow bag at the time of potting mixture preparation	Mix 100 g thoroughly with top soil once in a month.
Vegetable Garden	50 g per sq ft at the time of bed preparation	Mix 100 g per plant thoroughly with top soil once in a month.
Commercial farms	200 kg per acre at the time of land preparation	100 kg per acre coinciding active growth and flowering stages.
Trees	500 g per pit at the time of pit preparation	500 g per tree coinciding with new shoots development and flowering stages.

## Amrtham

Amrtham is an excellent quality complete organic fertilizer made from the de-oiled cakes of non-edible oil seeds like Neem, Pongamia, and Mahua in powder form.

- The scientific handling of the process retains complete nutrients to ensure balanced nutrition for crops.
- Better root growth of plants for uptake of nutrients.
- Increases soil microbes and earthworm population.
- Imparts resistance to pests, diseases and nematodes.
- Improves aeration, retains water and nutrients in the soil.



Type of Cultivation	Dosage	Method of Application
Grow Bag	200g per grow bag	The first application shall be one month after planting, later once in 6 weeks for three times.
Vegetable Garden	1.5 Kg per sq. m	The first application shall be one month after planting, later once in 6 weeks for three times.
Commercial farms	2 Kg per plant	Twice a year.



## Bhoo Thai



Bhoo Thai is made by anaerobic digestion of plant residues to produce high quality compost that is odorless and free flowing.

- Its enhances soil structure, promoting better aeration and drainage for healthier roots.
- It provides essential nutrients and increases beneficial microbes that encourages root development and promote overall plant health.

### Method of Application

Apply 500 to 750 g per grow bag at the time of potting mixture preparation, later once in 2 months add 250 g per grow bag before the application of fertilizer.

## Organic Pesticides

### AZORUZ 300ppm(Neem oil formulation)

AZORUZ is a new-generation organic pest control agent made from Neem oil.

- This unique formulation is highly effective in controlling a wide range of pests include tea mosquito bug, fruit flies, white flies, shoot and fruit borers, leaf miners, aphids, scales, mites, soft-bodied pests, etc.

- ★ Available in multiple concentrations including 1500 ppm, 3000 ppm, 10,000 ppm, and 12,000 ppm.



### FORS (Fish oil rosin formulation)



FORS is a natural organic formulation made from the active ingredients of Fish Oil and Rosin Soap Esters.

- Effective against all sorts of chewing pests, beetles, grubs, hairy caterpillars, leaf miners, spider mites, aphids etc.

### Method of Application of Organic Pesticides

The ideal dosage for prophylactic treatment is 5 ml per L of water. And if used after the incidence of pests attack, use 7 ml per L of water in 10 -15 days interval for complete revival



## Bug off (Herbal Insecticide)

Bug off is a natural herbal formulation made from medicinal herbs like Adathoda sp. and Vitex sp. having knock down action.

- Effective against all sorts of pests including mealy bugs, thrips, aphids, semi loppers, soft bodied insects, hairy caterpillars, root and shoot borers etc.



## Fungistop (Herbal Fungicide)

Fungistop is a herbal formulation made from medicinal herbs like Ivy sp. and Oak sp.

- Effective in controlling a wide range of fungal diseases of crops like leaf spot, root rot, stem rot, collar rot, fruit rot, powdery mildews, blights, dieback diseases etc.



## Virocure (Herbal Viricide)

Virocure is a herbal formulation made from medicinal herbs like Lantana sp., Boerhavia sp. and Bougainvillea sp.

- Prevents and cures the crop plants from the damages caused by common plant parasitic viruses like tobacco mosaic virus, bunchy top virus, citrus tristeza virus, lettuce necrotic yellows virus (Rhabdovirus), etc.
- For effective result mix 3ml AZORUZ and 5 ml virocure in 1L of water to control the spread of viral disease through insect vectors.



## Nonemah (Herbal Nematicide)

Nonemah is a herbal formulation made from medicinal plants like Asparagus sp and Aloe sp.

- Effective in controlling all types of nematodes like root knot nematode, stem and bulb nematode, cyst nematodes, leaf nematode, burrowing nematode etc.



### Method of Application of Herbal Pesticides

The ideal dosage for prophylactic treatment is 5 ml per L of water. And if used after the incidence of pests or disease attack, use 7 ml per L of water in 10 -15 days interval for complete revival



## IN-OON

IN-OON is an organic formulation containing Essential Organic Acids (EOA) like Fulvic Acid, Humic Acid, and Amino Acids required to activate plant metabolism for healthy and balanced growth.

- Ensures better rooting in seedlings and early establishment of crop.
- Imparts tolerance to drought and other metabolic stresses.

### Dosage & Method of Application

Ideal dosage is 5 ml per L of water, a minimum of two doses. The first one is at 10 days after planting/germination and the second one at 30 days after the first spraying or during the active growing phase of the crop. It can also be applied through drip irrigation method.

## BioGibb

BioGibb is a premium class plant growth regulator featuring biologically derived heterogenous organic substances known for their growth-promoting properties such as gibberellins, cytokinins, enzyme precursors, and biologically activated chelated essential plant nutrients stabilized in an aqueous biomass extract.

- BioGibb functions by ensuring an optimal balance of phytohormones and enzymes through supplementation and stimulation of endogenous synthesis.
- It enhances the metabolic efficiency of crops, promoting active growth and yielding superior quality harvest.
- Significantly increases the economic returns through increased crop stand, higher yield with more percentage of marketable yield.



### Dosage & Method of Application

Ideal dosage is 2–3 ml per L of water. Add non-ionic surfactant / sticker / adjuvant as per the label recommendation for rain fastness.

**Foliar application** – Spray profusely on both sides of the leaves till run off stage during critical growth stage.

**Soil treatment** – Apply the solution through the drip lines during critical growth stage.

## Advanz



Advanz is a unique biostimulant formulation comprising biologically synthesized organic compounds such as hydrolysed proteins and activated L-amino acids, that are known for their properties in mitigating physiological stress.

- Advanz operates synergistically at cellular level to stimulate natural defence mechanisms by enhancing crop resilience against physiological stress induced by climate variations, soil limitations and pest outbreaks.
- Advanz serves as a robust shield against the impacts of climate change, enabling rapid recovery to normal conditions while promoting vigorous vegetative growth. It significantly enhances yield along with superior quality traits.

### Dosage & Method of Application

For optimum results ideal dosage is 2–3 ml per L of water Add non-ionic surfactant / sticker / adjuvant as per the label recommendation for rain fastness.

**Foliar application** – Spray profusely on both sides of the leaf till run off stage during critical growth Stage.

**Soil treatment** – Apply the solution through the drip lines during critical growth stage.

## Algazol

Algazol is an organically synthesized formulation containing growth-promoting substances made from seaweed extracts and fortified with essential nutrients. The timely application of Algazol during active vegetative and reproductive phases will ensure very high levels of yield with improved quality of the produce.

- Increases flower and fruit production.
- Reduces the flower and immature fruit falls through hormonal balances.
- Enables plants to achieve their genetic potential in terms of yield and biomass production.



### Dosage & Method of Application

Ideal dosage is 5 – 7 ml per L of water, a minimum of two doses. The first one is at the active vegetative phase of the crop and the second one is just before the flower bud initiation stage. This will ensure proper growth during the vegetative phase and a timely switch to the reproductive phase.





## Nekita

Scientifically formulated product to enhance crop efficiency by activating plant metabolism, improving nutrient uptake, nutrient use efficiency, and photosynthesis through hydric balance.

- Rich in humic substances derived from organic sources capable of enhancing nutrient availability through chelating properties
- Effectively manages osmotic properties to ensure vascular movement of nutrients and growth factors.

### Dosage & Method of Application

For optimum results dilute the formulation at the rate of 0.3% to 0.4% (300 ml to 400 ml per 100 L of water) in the spray solution. Soil treatment: Apply the solution through the drip lines during critical growth stage to drench the root zone. Foliar spraying: Spray profusely on both sides of the leaves till runoff stage during critical growth stage on a rainless day.

## Coco Peat / Growing Medium

### Coco Peat Block (Low Electric Conductivity)

Coco peat, also known as coconut fiber or coir fiber, is a naturally growing media made from the husk of coconut. It is widely used as a growing medium for seedling propagation, indoor & outdoor gardening and hydroponics.

- Low EC coco peat refers to the coco peat with low concentration of dissolved salts. It lowers salinity stress to plants.
- Since it has low EC, suitable for drip irrigation system.



## Coconut Husk Chips

Coconut husk chips, also known as coco chips is 100 % natural and sustainable medium for plant growth, which is made from the fibrous outer husk of the coconut. They are an ideal potting medium for plants that require high levels of aeration.

- Used as a perfect growing medium for soil or soilless planting as it provides good aeration and drainage, allows oxygen to flow freely around plant roots.
- Excellent growing medium for orchid, anthurium, terrariums, indoor and terrace gardening, landscaping, hydroponics and mulching.

# TAILORED CATEGORIES FOR EVERY PLANT'S NEED



Organic  
Fertilizers



Herbal  
Pesticides



Plant Growth  
Essentials



Coco Peat/  
Growing Medium



Compost

## ORGANIC FERTILIZERS

## COMPOST



nRAISEE



Soil Secure



Amrtham



Bhoo Thai

## COCO PEAT / GROWING MEDIUM



Coco Chips



Coco Peat Block



Coco Peat Powder

## ORGANIC PESTICIDES



FORS



AZORUZ

## HERBAL PESTICIDES



BugOff



Fungistop



Nonemah



Virocure

## PLANT GROWTH ESSENTIALS



Algazol



Advanz



IN-OON



BioGibb



## Certification





## Agriculture Research



National Institute  
of Agricultural  
Extension  
Management



Tamil Nadu  
Agricultural  
University



Keladi Shivappa Nayaka  
University of Agricultural  
and Horticultural  
Sciences, Iruvakk, Shivamogga, Karnataka



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Viswavidyalaya,  
Pundibari, Cooch  
Behar



The United Planters'  
Association of  
Southern India



University of Agricultural  
Sciences, Mandya

## Quality Assurance Services



Bioscience Research  
Foundation, Chennai



Institute for Research  
& Innovation in  
Toxicology



Shriram Institute  
for Industrial  
Research



General Society of  
Surveillance

## Industry Bodies



**CHEMEXCIL**



**MPEDA**



कयूर बोर्ड  
मनिसिटी ऑफ मसूर, मोकल, ओक भाव  
**COIR BOARD**  
MINISTRY OF MSME, GOVT. OF INDIA



**BIOAGRI  
INPUT  
PRODUCERS  
ASSOCIATION**



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