

MAXIMIZES PLANT GROWTH



ACTIVMAX



- 1. What is Activmax**
- 2. Why Activmax**
- 3. The Technology**
- 4. Factors Limiting the Yield**
- 5. Indolife Nutrient Enabler Technology**
- 6. Activmax Formulation**
- 7. Activmax Benefits**
- 8. Methods of Application**
- 9. Crops on which Activmax can be used**
- 10. Field Trial Demo Results**

What is ACTIVMAX



1. Microbiology Research Product
Derived from Oceanic plants through unique microbial metabolic process.

2. Advance Technology formulation to Stimulate Metabolism, Maximize Plant growth, yield and profits



Why ACTIVMAX



Farming Community Concerns

- 1. Germination issues.**
- 2. Abiotic Stress.**
- 3. Fertilizer use efficiency**
- 4. Yield and quality loss**
- 5. Poor Soil health.**

**“Yield is Not
Sealed
Until Harvest”**



Small Nutrient Deficiency at critical stage can result in Yield Loss

4 Factors Limiting the Yield Potential

1. Nutrient Demand

Different Stages
Different Needs

Need 200% to
500% more
nutrients
during
Reproductive
Stage

2. Nutrient Mobility

Some
Partially
Mobile
Nutrients
causes
Nutrient
Imbalance

3. Soil Incapability

Incapable
to provide
Nutrients in
Bio
Available
forms

4. Abiotic Stress

Flood
Drought

Environmental
Conditions

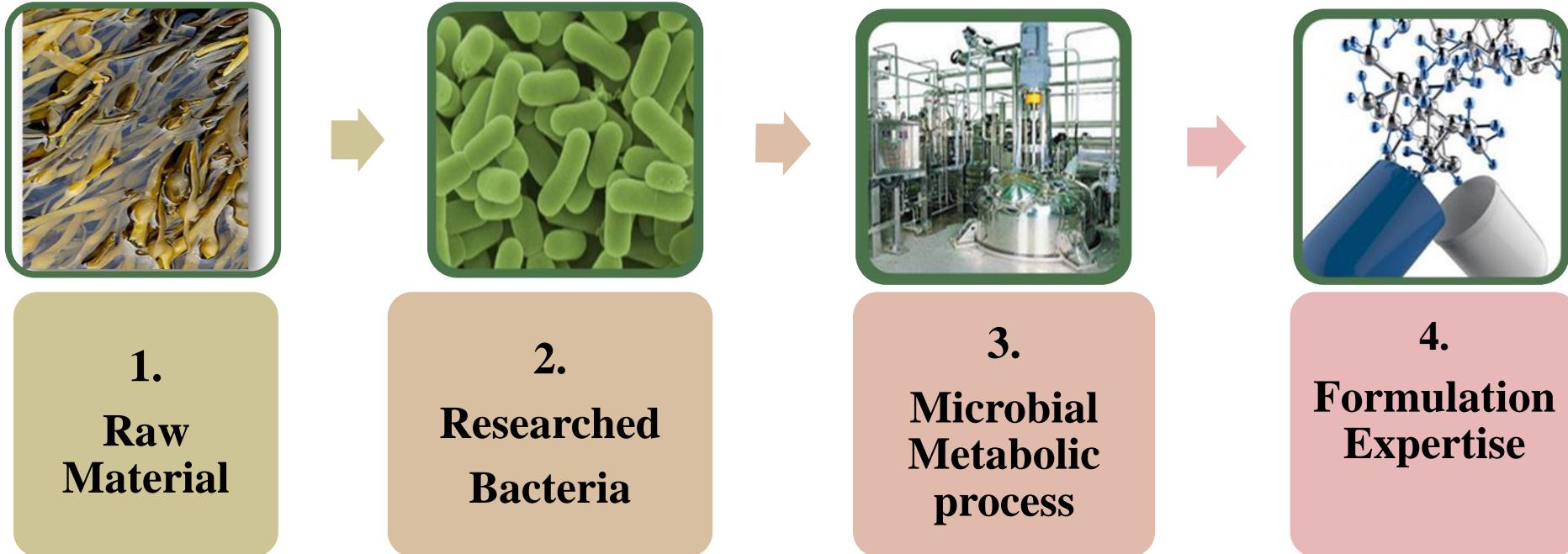
One Stop Solution to Increase the Yield Potential We have evolved with a Technology



Indolife Nutrient Enabler Technology



Indolife Nutrient Enabler Technology



1. RAW MATERIAL

Oceanic Plants from Ireland



1. Oceanic plant extract : Seaweed
2. Spray drying technology to avoid excessive thermal degradation
3. Harvested off the unpolluted west coast of Ireland, Europe
4. Organic certification (Organic Trust & listed by OMRI).



Seaweed Components



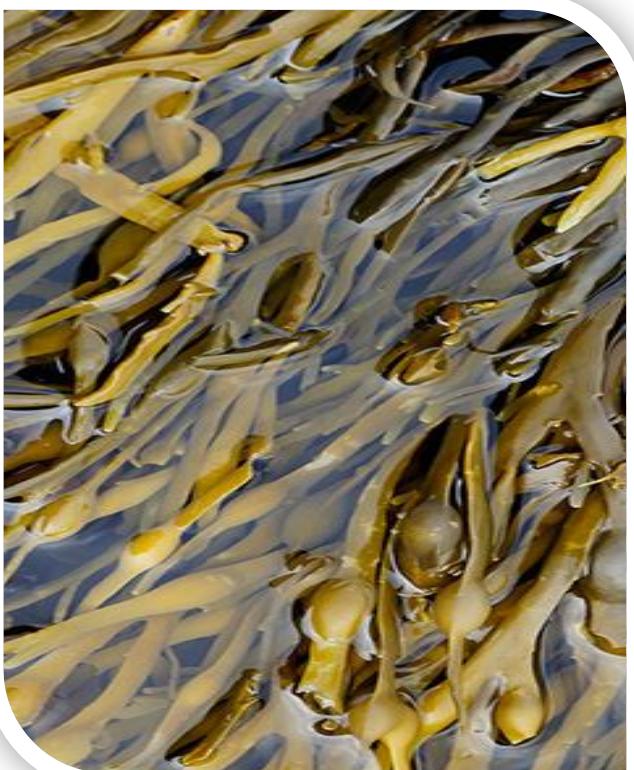
Sea Weed
Contains



- Cytokinin
- Betains
- Auxin
- Hydrolyzed Protein Complex
- Enzymes
- Gibberellins



Sea Weed Natural Advantages



Marine Plant rich source of many bioactive substances

1. Organic in nature
2. Over 60 minerals and elements
3. 21 amino acids
4. Simple and complex carbohydrates
5. Essential plant growth nutrients & hormones
6. Trace elements.
7. Alginic Acid act as soil conditioner.
8. Poly phenols are secondary metabolites generally involved in defense system against UV radiation

Seaweed Extraction Process Spray Dried Technology

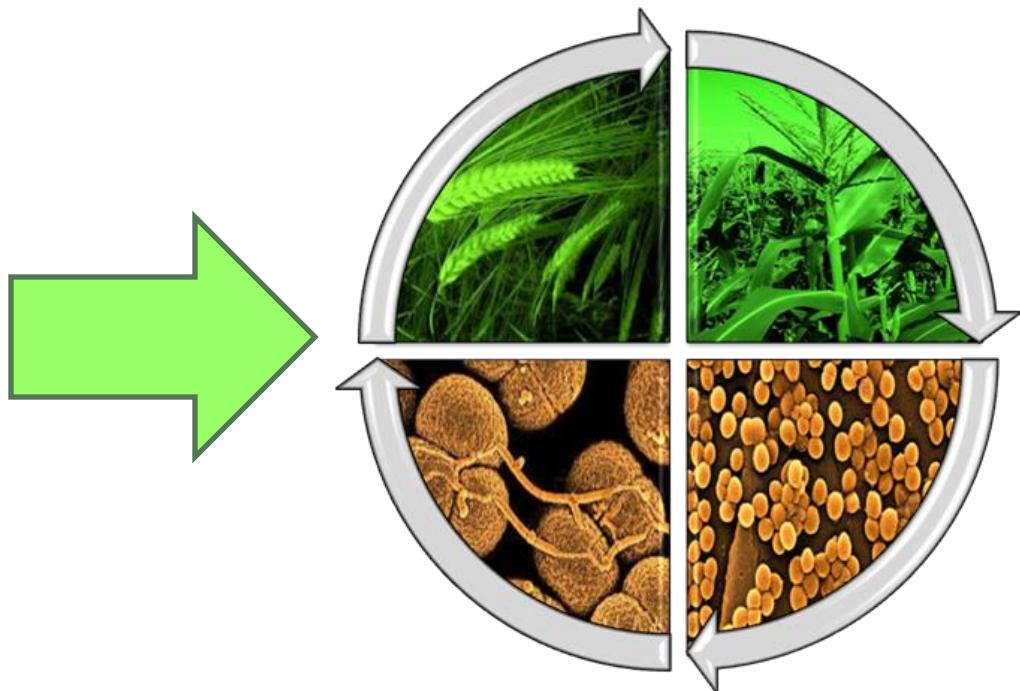


Helps to get
Maximum Bioactive
Compounds



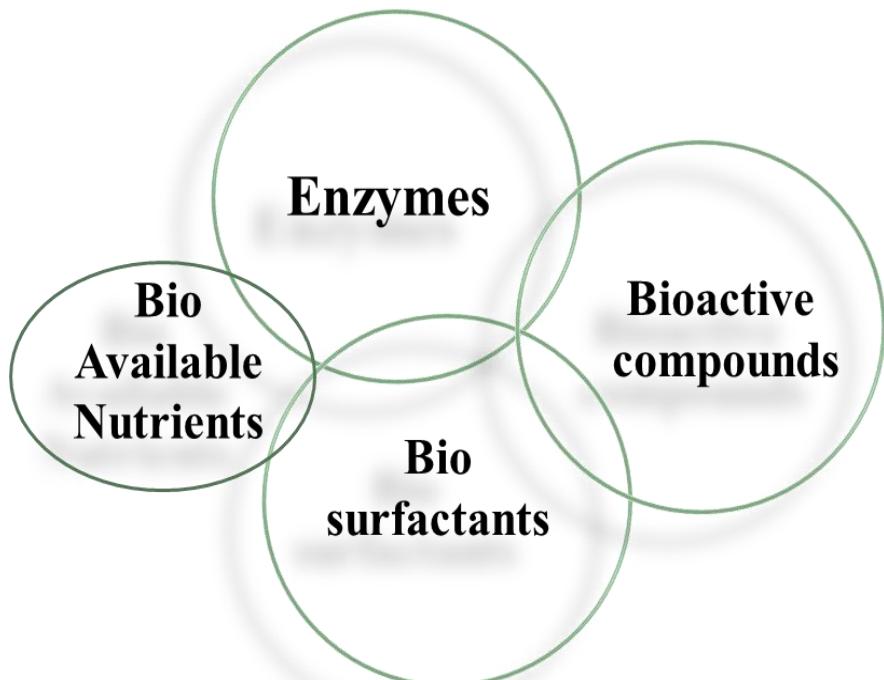
2. MICROBIAL STRAINS

Selected after extensive Research





3. MICROBIAL METABOLITES



At optimum conditions the Bacterial Metabolites
are released



3. REFINED PRODUCT PROCESS



- The process has been refined to produce a highly active, more complete base product.
- Rigorous quality control checks.
- Process has ability to combine different active ingredient



4. BEST OF FORMULATION

2. Stable Compounds

3. Plant Nutrient Experts

1. Long Shelf Life

4. Bio Available Nutrients



Formulation is not only Science, Its an Art

BENEFITS

**5. More nutrient uptake
better plant physiological
process improves
photosynthetic activity**



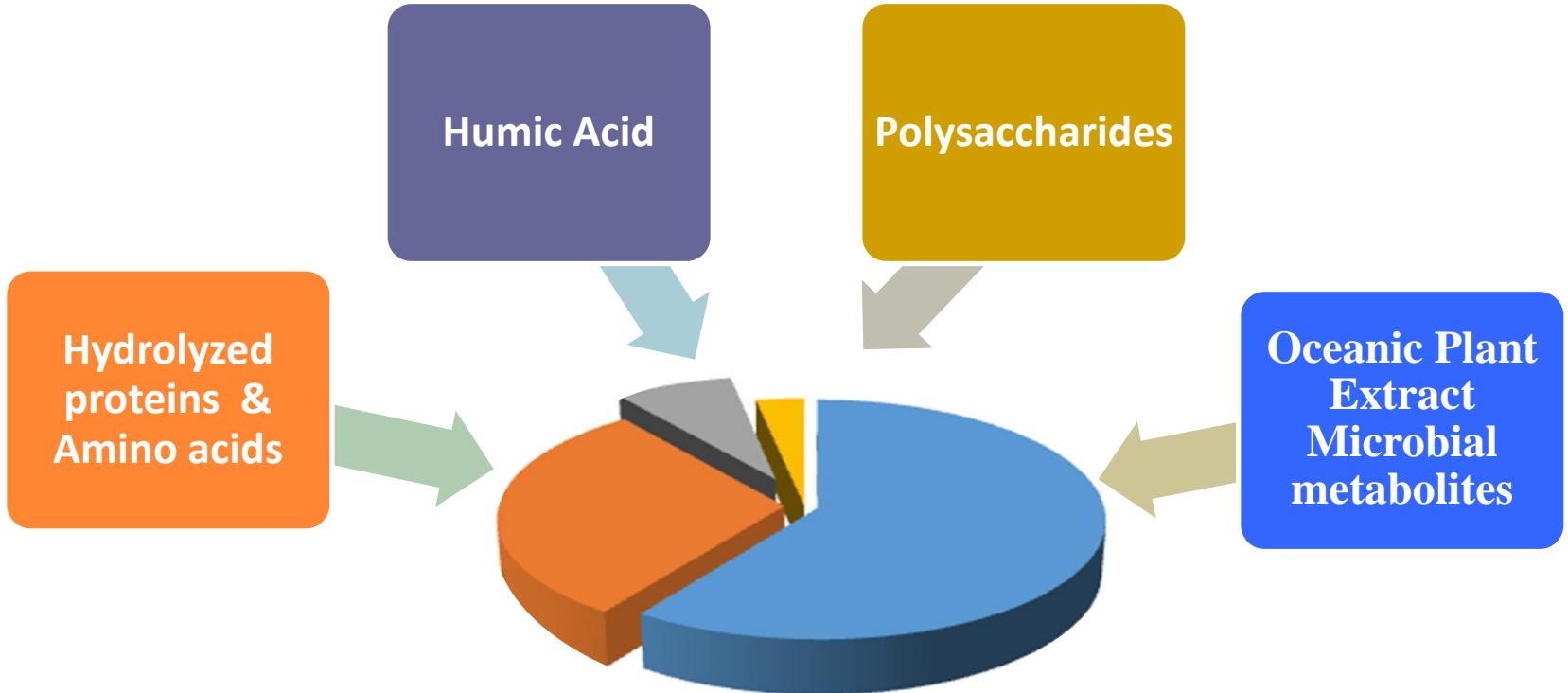
**4. More white roots
hence more
Nutrient Uptake**

2. Product contain sugar & amino acids which nourishes soil microflora

3. Microflora enhances Bioactive compounds which promotes white roots



ACTIVMAX Composition



Together gives 50% more results than using either of it separately

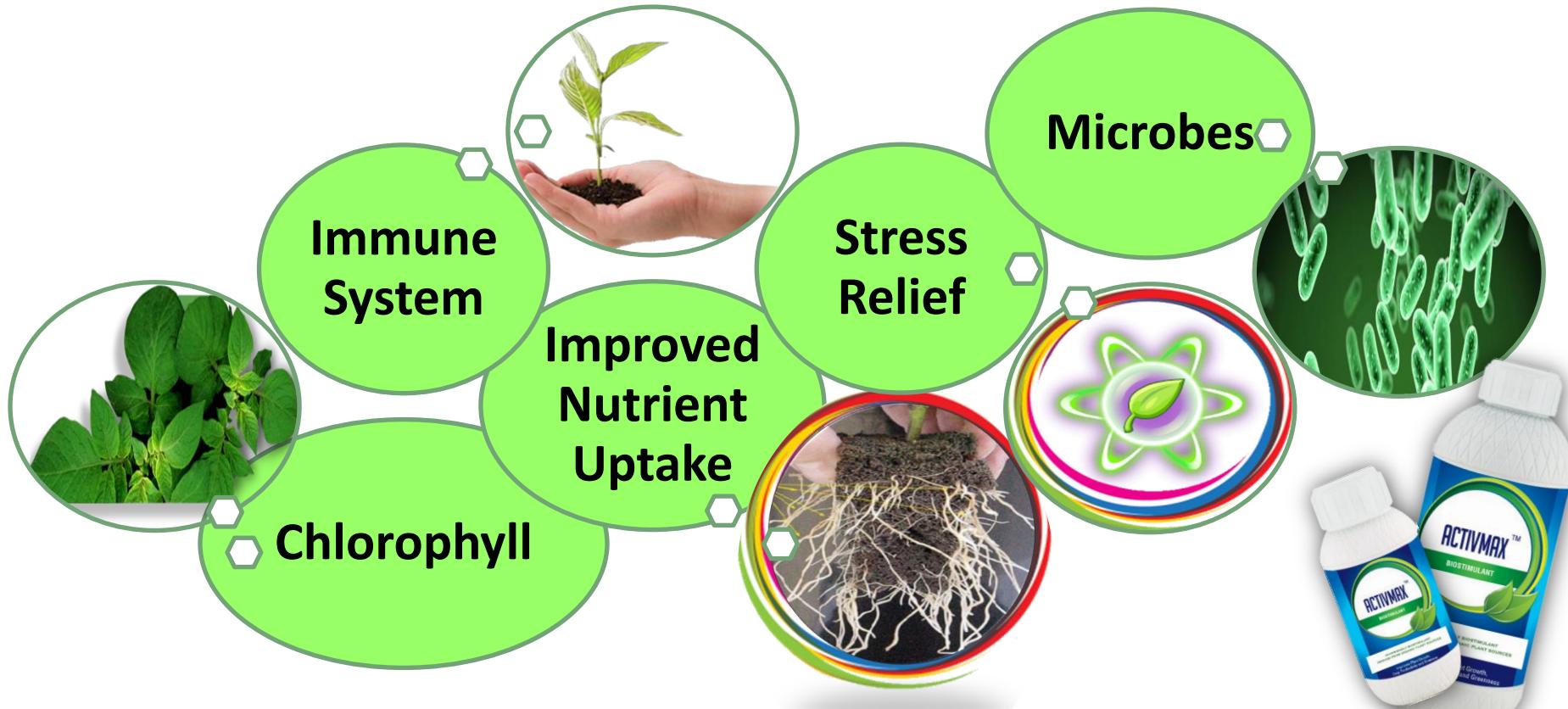
Plant Biostimulants Functions:

Functions:	Microbial metabolites	Oceanic Plant	Humic Substances	Triacontanols	Brassinolides	NAA	Auxins	Cyto kinins
Germination	✗	✓	✓	✗	✓	✗	✗	✗
Shoot Growth & Branching	✓	✓	✓	✓	✓	✓	✓	✓
Root Growth	✓	✓	✓	✓	✓	✗	✓	✓
Growth Retardant	✗	✗	✗	✗	✗	✗	✗	✗
Nutrient Uptake	✓	✓	✓	✓	✓	✗	✓	✓
Photosynthesis	✓	✓	✗	✓	✗	✗	✗	✗
Flowering	✓	✓	✗	✓	✓	✓	✓	✗
Flower Drop	✓	✓	✗	✓	✓	✓	✗	✗
Abiotic Stress	✓	✓	✓	✗	✓	✗	✗	✗
Fungi & Pest Resistance	✗	✗	✓	✗	✓	✗	✗	✗
Fruit Set Shape/Size/Weight	✗	✓	✓	✗	✓	✓	✗	✗
TSS %	✗	✗	✗	✗	✗	✗	✗	✗
Pollination	✗	✗	✗	✗	✓	✗	✗	✗



ACTIVMAX

Mode of Action





ACTIVMAX

Mode of Action

- 1. Chlorophyll** – Foliar application of Activmax improves photosynthetic activity leading to greener plants. More greener the plants more food production.
- 2. Stress Relief** – compounds in the Activmax acts within the plant, raising its natural defense mechanisms to a higher level. As a result, it is better equipped to resist environmental stresses.
- 3. Immune System** - Regular applications of activmax plants induce Localized Acquired Resistance (LAR) against a range of bacteria and fungi.
- 4. Microbes** – plants applied with Activmax secretes root exudates contains food for rhizospheric microorganisms ultimately Increase microbe numbers in soil. These microbes help improve nutrient solubilization and mobilization.
- 5. Improved nutrient uptake** – Activmax treated plants develops more white roots which helps to absorb more nutrients from soil which is solubilized by the rhizospheric microorganisms so ultimately improves nutrient uptake efficiency of the plants.

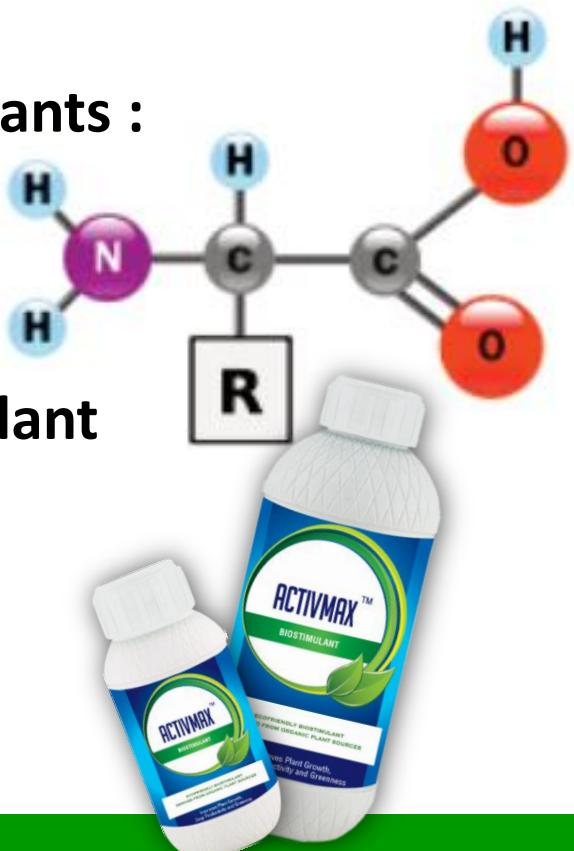


ACTIVMAX

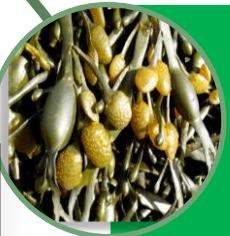
Mode of Action

Free Amino acids available in Activmax helps plants :

1. To combat stress
2. Increase root biomass
3. Activate natural defense mechanism in plant
4. Enhance photosynthesis.



ACTIVMAX FEATURES



Highest Quality Raw material from Europe
Imported From the largest producer &
supplier of marine plant



Formulation : Unique Combination of
ingredients with Right concentration

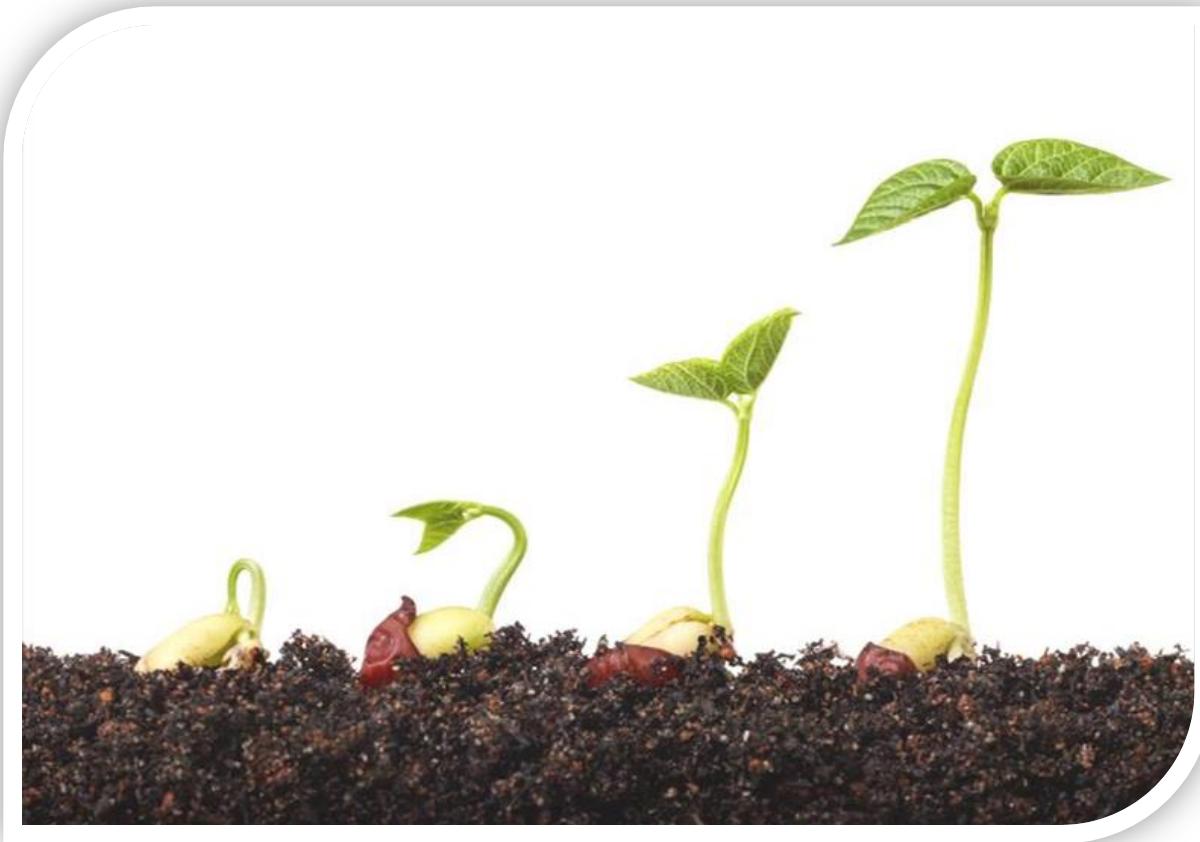


Microbial Metabolic Process carried out under
Strict Supervision of Experts



ACTIVMAX BENEFITS

1. Improved Seed Germination





ACTIVMAX BENEFITS

2. Better Photosynthesis – Phytotonic effect





ACTIVMAX BENEFITS

3. Stimulate Root Growth





ACTIVMAX BENEFITS

4. Reduces Crop Stress





ACTIVMAX BENEFITS

5. Better Flowering & Fruiting





ACTIVMAX BENEFITS

6. Better Fruit Quality





ACTIVMAX BENEFITS

7. Better Yield





ACTIVMAX BENEFITS

8. Improves Soil Micro Flora



Supports Multiplication of Soil Microorganisms



ACTIVMAX BENEFITS



- **Maximize true genetic potential through**
 - Maximise soil microflora
 - Maximise benefits of fertilizers
 - Maximise nutrient mobility
 - Maximise stress Tolerance
 - Maximise Metabolism
 - Maximise Yield
 - Maximise Profits



ACTIVMAX

Application Stages



**Vegetative
Growth**



**Flower
Initiation**



**Fruit
Setting**



ACTIVMAX

Application Methods



Seed Treatment

1. 2-3 ml Activmax Liquid in 1 L of water, Soak the seeds for 10-15 minutes and use for sowing

Seed coating

2. 2-3 ml on 1 Kg seeds in a polybag & mix well for uniform coating



Root Dipping

1. Prepare 2-3 % solution of Activmax liquid and dip the roots for 4-5 minutes before transplanting



ACTIVMAX

Application Methods



FOLIAR SPRAY

1. 1-2ml of Activmax per liter of water depending upon crop stage
 - Vegetative stage 1 ml/L
 - Pre flowering -1ml / L
 - 2 ml / L of water at fruit formation



- Activmax Liquid is compatible with different types of fertilizers and pesticides
- But it is recommended to take small mixing test to check compatibility before tank mixing



ACTIVMAX

Characteristics & Precautions

Characteristics

1. Blackish brown in colour.
2. Viscous Liquid.
3. Highly Soluble in water.
4. Non toxic in nature.
5. Shelf life is 5 years.



Precautions

1. Keep in cool and dry place.
2. Keep the lid tightly closed after application.
3. Keep away from Children.
4. Before Mixing check the compatibility.



ACTIVMAX

Usage on Different Crops



Field Crops	Pulses	Vegetables
Plantations	Horticultural Crops	Oil seeds
Spices	Lawns Gardens	Golf Course
Green House	Floriculture	Fodder Crops



Demo Report- Cumin

Location	Village- Matiyana Junagadh District.. State- Gujarat
Trial Crop	Cumin
Area selected for trial	1 Vigha
Dose	2ml/li
Method of application	With Fertilizer/ Spray
Product Application	Crop stage-25
Observation time	Crop Stage-52

Before



After



REMARKS

1. According to farmer root develop , Increases branches .
2. Increase height and flowering .
3. Farmer is satisfied and happy.



Demo Report- Marigold

Location	Village.-Khandoba wadi District-Sangli State- Maharashtra
Trial Crop	Marigold
Area selected for trial	3 row
Dose	2ml / ltr
Method of application	Spraying
Product Application	Crop stage - Flowering
	Crop Stage-Flower Setting

REMARKS

- 1 Greenery of Plant increased.
- 2 Size & Shape of flower are good.
- 3 No. of flowers are more in treated than control.



After



Before



Demo Report - Brinjal

Location	Village.-Chincwad District.- Kolhapur State-Maharashtra
Trial Crop	Brinjal
Area selected for trial	2 row
Dose	2ml / ltr
Method of application	Spraying
Product Application	Crop stage - Vegetative
	Crop Vegetative

REMARKS

- 1 Greenery of Plant increased.
- 2 No. of leaves and branches are more in treated than control.



After

Before

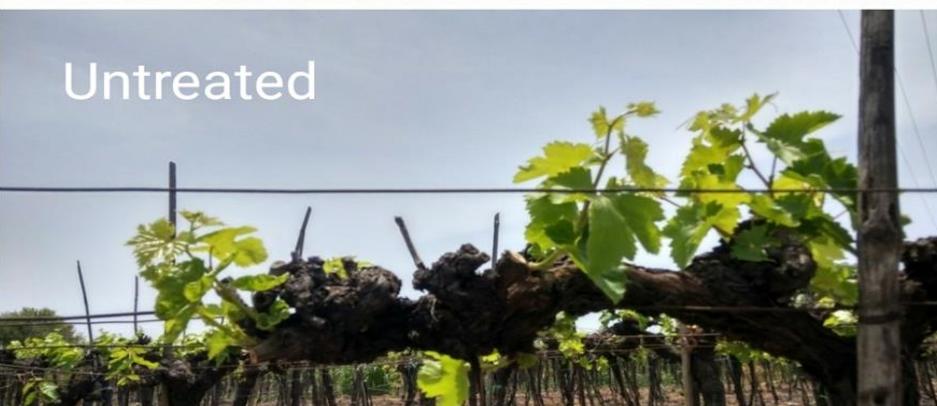


Demo Report - Grape

Location	Village.-Savarde District.-Sangli State-Maharashtra
Trial Crop	Grape
Area selected for trial	1 Acre
Dose	1 Ltr/acre
Method of application	Drenching
Product Application	Crop stage – April Pruning
	Crop Stage-Vegetative

REMARKS

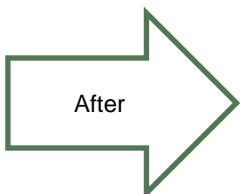
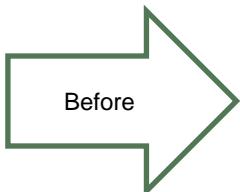
- 1.No. Of leaves are more in treated area.
- 2.Greenery of vineyard is increased.
- 3.New emerging shoots at tip are healthy ,when in summer temperature increased.





Demo Report - Onion

Location	Village..NARAYANGAON District..PUNE State MAHARASHTRA
Trial Crop	ONION
Area selected for trial	
Dose	2 ML/LITRE OF WATER
Method of application	SPRAY
Product Application	Crop stage 45 DAT
	Crop Stage 55 DAT



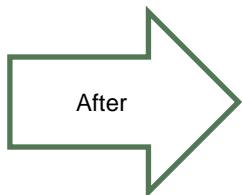
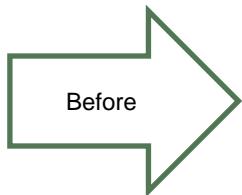
REMARKS

- 1 REMARKABLE DIFFERENCE IN PHYTOTONIC EFFECT.
- 2 ONION NECK SIZE – HARDER



Demo Report - Cauliflower

Location	YEDAGON , DIST - PUNE
Trial Crop	CAULIFLOWER
Area selected for trial	
Dose	1 ML/LITRE OF WATER
Method of application	SPRAY
Product Application	Crop stage 26 DAT
	Crop Stage 42 DAT



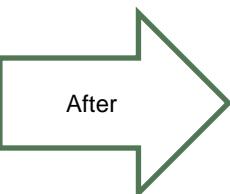
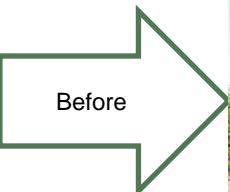
REMARKS

- 1 WHITE ROOTS INCREASED
- 2 LEAF SIZE
- 3 PHYTOTONIC EFFECT



Demo Report - Citrus

Location	Village-Dapuri District.-Amravati State MH
Trial Crop	Citrus
Area selected for trial	10 Plant
Dose	2 ML/lit of water
Method of application	Spray
Product Application	Crop stage – After 1 st irrigation
	Crop Stage– After 1 st irrigation



REMARKS

- 1 Number of Flowers are increase in the treated
- 2 Number of New branches increase in treated plot
- 3 Increase in greenery & Luster



|Stimulate Metabolism | Maximize Plant growth | Yield & profits |

Pack Size :500ml MRP:Rs.744 DP:Rs.647 BV:388 PV:16 Product Code: AG0009

Pack Size:3x100ml MRP:Rs. 546 DP:Rs.474 BV:284 PV:11 Product Code : AG0008



FAQs

Q1. What is the INET Technology?

Ans . Indolife has initiated research in the field of plant nutrition with an objective to provide ecofriendly and innovative solutions to the farming community in the field of crop nutrition and crop health to improve yield and quality of produce. INET Technology has been researched & developed by plant nutrient experts having vast experience in the field to maximize true genetic potential of crops.

Q2. Where have we conducted the Demo tests?

Ans. The Demo tests are done on the actual fields of the farmers in various parts of Maharashtra. The various crops tested are ;Grapes, Onion, Cumin, Marigold, Brinjal, Cauliflower & Citrus.