



The best way to find yourself



AN ISO 9001 : 2015 CERTIFIED COMPANY

# ADHINI BIOTECH



## About Us :

**ADHINI BIOTECH** : We have set-up an advanced infrastructure that sprawls across a vast area of land. We have segregated this unit into various sub-sections like manufacturing, quality testing, R&D, sales & marketing etc, that are equipped with the advanced machinery and latest technology. All these units work in close coordination with each other and aid us to run our operations in a well-organized and hassle free manner.

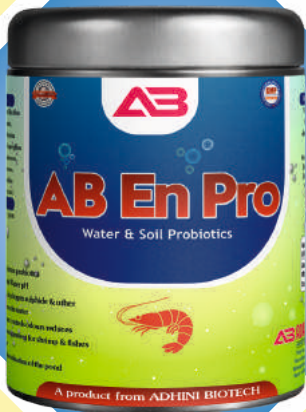
We have well laid out large scale fermentation facilities to manufacture probiotics, enzymes, Minerals and Zeo powder/granules. From the lab to the market i.e. from strain isolation, to the manufacturing and packaging of the finished products.

### **Vision**

To enhance Animal health and wellness the natural way through Natural products or probiotic applications.

### **Mission**

To provide inventive, research-based probiotic products of the highest quality to promote a healthy all the micro organisms and symbiotic bacteria.



## AB En Pro (Soil & Water Probiotic)

### Composition :

Multi Strains of Probiotics (*Bacillus subtilis*, *B.licheniformis*, *B. megatherium*, *B. polymixa* *B.firmus*, *B. mesentericus*, *Aspergillus oryzae*, *A. Niger*, *Nitrosomonas*, *Nitrobacter*, *Cellulomonas*, *Pediococcus*, *Thiobacillus Denitrificants*, *Perococcus* )

### Benefits:

- ❖ Highly stable multi strain probiotics
- ❖ Maintain Soil pH and Water pH
- ❖ Reduces ammonia, hydrogen sulphide & other unwanted gases from the water
- ❖ Controls vibrio count controls odours reduces
- ❖ Improves healthy environment for shrimp & fishes
- ❖ Improves plankton
- ❖ Take care of the Mineralisation of the pond

### Dosage :

Shrimp : Preventive : 100 to 150 gms / Acre

Fish : 50 to 75 gms / Acre / Or as per directed by Aqua Consultant



## AB GROW ACT (Growth Promotor)

### Composition :

Minerals (Micro Nutrients and Macro Nutrients), Amino acids, Probiotics, Seed Weed extract, Vitamin C, Vitamin B1, B12 etc.

### Benefits:

- ❖ Immune booster
- ❖ Reduces the stress
- ❖ Improves functional efficiency of Hepato pancreas
- ❖ Rich source of energy.
- ❖ Helps Transportation of Nutrients
- ❖ Reduces disease incidence
- ❖ Balances vitamin deficiency
- ❖ Improves growth & Survival.

### Dosage :

5-10 gms/kg feed or As Advised by the aqua culture consultant.



### Composition :

Multi strain probiotic and enzymes with *Yucca Schidiigera* (*Bacillus subtilus* fermentation extract, *Bacillus lichenifurmis* fermentation extract, *Lactobacillus acidophilus* fermentation extract, *Lactobacillus casei* fermentation extract, *Lactobacillus fermentium* fermentation extract, *Yucca Schidiigera* extract 50%.)

### Benefit :

- ❖ Reduce or eliminates toxic ammonia, hydrogen sulphide and other toxic Gases.
- ❖ Promotes a healthily Phytoplankton. Degrades organic wastes.
- ❖ Increases survival rate, Improves yield and FCR, Controls pollution of soil & water.
- ❖ Reduces nitrites and excess of nitrates in the water.
- ❖ Useful multi strain probiotic and enzymes with *Yucca schidiigera*.

### Dosage :

Shrimp : Preventive : 100 to 150 gms / Acre

Fish : 50 to 75 gms / Acre / Or as per directed by Aqua Consultant

Curative : 250 gms per Acre.



**AB NH<sub>3</sub> NIL**  
(Reduce Ammonia)

### Benefits:

- ❖ Controls White Gut disease and White Fecal.
- ❖ Improves the immune system and Improves FCR.
- ❖ Increases disease resistance and Increases gut microflora.
- ❖ Increases the feed digestibility that improves feed intake.
- ❖ Enhance ability to overcome stress.
- ❖ Increases survival rates.

### Dosage :

For Prevention : From day 5 to 10 gm of 1Kg. feed.

For Control : 100 to 150 gm per 1Kg. feed.



**AB GUT CURE**  
(Shrimp Gut Health)



**AB VIB CURE**  
(Soil & Water Probiotic)

**Benefits**

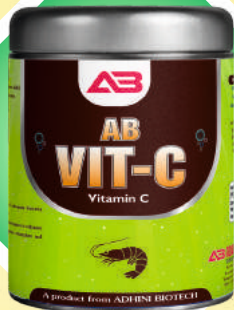
- Eliminate the harmful micro organisms
- To control the Vibrio bacteria in culture ponds
- Stable the water colour in ponds and helps good plankton
- Reduce the toxic gases in ponds

**Dosage :**

Shrimp:100-200 gms/Acer

Fish: 50-100 gms/Acer

Curative : 250 to 300 per Acre or Directed by Aqua Consultant.



**AB VIT-C**  
(Good for Health)

**Benefits :**

- Improves feed conversion and growth rate.
- Reduces stress and promotes wound healing
- Avoids black deaths and promotes complete moulting
- Enhance resistance against diseases and reduce mortality

**Dosage:**

Shrimp: 5 gms/kg Feed

Fish: 3 gms/Kg Feed or as directed by the Aqua consultant.



**AB OXY TAB**  
(DO Enhancer)

**Benefits :**

- Enhance the oxygen in culture ponds due to some climatic conditions.
- Available in tablet form and is easy for application to culture ponds.
- Regulates pH fluctuations
- Improves bottom condition and water coloration.
- Improves photosynthesis activity in pond then promotes plankton growth.

**Dosage & Application :**

2 - 5 Kg / acre or as directed by aqua professional.



## COMPOSITION

Magnesium	-	8750 mg	Manganese	-	1800 mg
Iron	-	6000 mg	Chlorides	-	15 %
Phosphorous	-	17%	Aluminium	-	1500 mg
Potassium	-	200 mg	DL-Methionine	-	3000 mg
Sodium	-	59 mg	L-Lysine	-	600 mg
Zinc	-	14250 mg	<b>PROBIOTICS :</b>		
Sulphur	-	08%	<i>Bacillus Subtillius, Bacillus Licheniformis</i>		
Cobalt	-	160 mg	<i>Bacillus Polymyxa, Bacillus Magaterium,</i>		
Copper	-	1300 mg	<i>Bacillus Denitrificans, Bacillus Pediococcus</i>		
Iodine	-	350 mg	<i>Bacillus Aspergillus, Bacillus Thiobacillus</i>		

## Benefits

- Prevent the imbalance of mineral ions in the water.
- To helps regular moulting and formation of exoskeleton in shrimp.
- To improve digestion and for better FCR.
- Enhance disease resistance.
- Regulate the regulate osmoregulation.
- To helps in uniform growth in shrimp and fish.

## Dosage:

During Pond preparation: 20-25 kgs/Hac

During culture: 10-15 kgs/hac once in every 15 days

## Composition :

The micro-elements or trace minerals, such as chromium, cobalt, copper, iodine, iron, manganese, molybdenum, selenium and zinc, are required in small quantities and participate in a wide variety of biochemical processes.

## Benefits :

They are involved in cellular metabolism, formation of skeletal structures, maintenance of colloidal systems, regulation of acid-base equilibrium, immunity enhancer, stress releaser, disease resistance and other physiological functions. They are important components of hormones and enzymes, and serve as cofactors and/or activators of a variety of enzymes.

## Dosage:

200 to 300 gms/kg Feed or as directed by the Aqua consultant



**AB MIN-MIX**  
(Feed Supplement)



**AB MIN-PLUS**  
(Feed Supplement)



## AB GEL

### Composition :

Minerals (Micro Nutrients and Macro Nutrients), Amino acids, Probiotics, Seed Weed extract and Vitamins

### Benefits :

- Improves Intake of feed and liver performance.
- Improves absorption of calcium and speed up the formation of shell.
- Improves resistance power against major diseases.

### Dosage:

20-30 ml/Kg Feed or as directed by the Aqua consultant



## AB ZEOCARE (Pond Health)

### Composition :

$\text{SiO}_2$  : 45 - 50 %,  $\text{Al}_2\text{O}_3$  : 20 - 25 %,  $\text{CaO}$  : 15 - 20 %,  $\text{Fe}_2\text{O}_3$  : 2 - 5 %,  $\text{MgO}$  : 2 - 5 %,  $\text{Na}_2\text{O}$  : 1 - 2 %

### Benefits :

- Zeo granules form gives good adsorption of toxic gases
- Improves the soil and water quality
- Control the growth of micro-organisms in water
- Stable the DO Levels
- Reduce Ammonia and other toxic gases

### Dosage:

5 kg to 10 kg per acre or as directed by the Aqua consultant.

**Composition :**

Concentrated Aluminium Dehydrated Silicates, EDTA (Ethylene Diamine Tetra Acetic Acid), Ammonia, Iron, Minerals, Vitamins, Aminoacids etc.

**Benefits:**

- + AB Aqua Soft increasing water quality & reduce hardness.
- + AB Aqua Soft stable the pH levels
- + Chelates calcium deposits from the shrimp body.
- + Control high BOD and high COD in the pond.
- + Encourages shrimp moulting

**Dosage:**

1 Kg / Acre or as directed by the Aqua consultant



**AB SOFT**  
(Reduces Hardness)

**Composition :**

Stabilized Alkyl Dimethyl Benzyl Ammonium Chloride with 75%.

**Benefits:**

- Effective over a large range of micro organisms.
- Control bacterial, protozoal and fungal diseases.
- Control water pollution and improves water quality.
- Eco-friendly, biodegradable, colourless, odourless product.

**Dosage:**

2 Litres / Acre or as directed by the Aqua consultant



**AB WATER CURE**  
(Water Sanitizer)



**Benefits:**

- + AB cure HABs controls Bad algae in culture ponds.
- + AB Cure HABs reduces microcysts in ponds.
- + Its reduces HABs and also control toxic gases in pond.
- + AB cure HABs also promotes good phytoplankton growth.

**Dosage:**

1 Liter (4-5 Depth of water) / Acre or as directed by the Aqua consultant

## AB CURE HAB'S

(Effect on Harmful Algal Blooms)

**Benefits:**

- + AB Grow plankton promotes good Algae in culture ponds.
- + AB Grow plankton stables the pond pH.
- + AB Grow plankton maintains the oxygen levels in pond.

**Dosage & Application :**

500 ml /Acre or as directed by aqua professional.

## AB GROW PLANKTON

(Good for Pkytoplankton & Zooplankton Growth)



### Benefits:

- + AB Sludge cure removes H<sub>2</sub>S, Ammonia and other Toxic gases.
- + AB Sludge cure keeps pond health.
- + AB Sludge cure stable pond bottom and water pH.
- + AB Sludge cure controls microorganisms growth.
- + AB Sludge cure prevents black gills and brown gill deaths in shrimp.

### Dosage & Application :

500 ml /Acre or as directed by aqua professional.

### Composition :

Blended multi strain bacteria & Probiotics like Bacillus sps, Rhodobacter sps, Rhodococcus sps, Nitrosomonas sps etc.

### Benefits:

- + AB PS controls pollution in water and pond bottom.
- + AB PS controls COD & BOD levels.
- + AB PS creates a healthy ecosystem and ensures faster & better growth of the shrimps.
- + AB PS increasing digestibility and Enhances the feed intake.

### Dosage & Application :

5 Ltr. /Acre or as directed by aqua professional.



## AB SLUDGE CURE

(Pond Bottom Clean)



## AB PS

(Bottom Probiotic for Pond)



## Other Products Available

**FERRIC CHLORIDE**

**NAOH (CASTIC SODA)**

**POTTASIUM PERMANGANATE (P.P)**

**MAGNESIUM SULPHATE**

**SODIUM PERCARBONATE TABLETS**

**DOLOMITE**

**HYDROGEN PEROXIDE**

**BROMINE - 5%**

**IODINE**

**B.K.C 50%**

**YEAST**

**FORMALDEHYDE - 37%**



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