

# ACI Agribusiness



**ACI Limited**

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ACI Centre



ACI was established as the subsidiary of Imperial Chemical Industries (ICI) in 1968. After independence the company has been incorporated in Bangladesh on the 24th of January 1973 as ICI Bangladesh Manufacturers Limited and also as Public Limited Company. Advanced Chemical Industries (ACI) Limited is one of the leading conglomerates in Bangladesh, with a multinational heritage. The company has diversified into four major businesses.

## Advanced Chemical Industries (ACI) Limited

### Business Divisions

#### Pharmaceuticals

ACI Pharmaceuticals boasts of a state of the art manufacturing facility which produces all major therapeutic classes in various dosage forms like tablet, capsule, dry powder, liquid, cream, gel, ointment, ophthalmic and injectables

#### Consumer Brands & Commodity Products

This division is completely dedicated to catering the household needs of the consumers and has already carved a significant position in the industry with the market leading brands of ACI Aerosol, ACI Mosquito Coil, Savlon. Under ACI Pure brand there are Pure Salt, Pure Flour, Pure Shuji, Pure Spices and Ready meals.

#### ACI Logistics

ACI Logistics was established with a view to cater to end consumers with best quality fruits and

vegetables, consumer goods and commodity products. ACI Logistics started with a retail chain Swapno which operates the largest number of outlets in the country.

#### Agribusinesses

ACI Agribusinesses originated with a mission to develop agriculture for prosperity and has been working towards this goal proficiently. The outcome of this venture is the business units of ACI Crop Care & Public health, ACI Seeds, ACI Fertilizer, ACI Motors, ACI Livestock & Fisheries and Cropex.

#### Joint Ventures of ACI Limited

ACI Godrej Agrovet Private Limited- A joint venture between ACI Ltd and Godrej India is supplying day old chick and poultry, fish and cattle feed to the agriculture community of Bangladesh.



# ACI Agribusinesses

## Agribusinesses Divisions

### ACI Seed

This division is dedicated to provide high yielding & hybrid varieties of rice, maize and vegetables seeds to the farmers.

### ACI Fertilizer

This division is dedicated to provide specialized micronutrients fertilizer, plant growth regulator & eco friendly organic to the farmers of the country.

### ACI Crop Care & Public Health

This division is dedicated to provide herbicides, fungicides & miticides to the farmers of this country.

### ACI Motors

This division is dedicated to provide modern agro machineries like power tiller, tractor, combined harvester, transplanter and water pumps to the farmers.

### ACI Livestock & Fisheries

This division is continuously working to provide nutrition, pharmaceuticals, hygiene & animal vaccine for live stock and fisheries to the agriculture community of Bangladesh.

### ACI Cropex

This division is continuously working to provide fair prices of agriculture commodity to the farmers through community exchange, i.e. buying agriculture commodity from farmers and selling to wholesalers and retail chains and supplying agriculture inputs to industries.



### Our Mission

ACI's mission is to enrich the quality of life through responsible application of knowledge, skills and technology. ACI is committed to the pursuit of excellence through world-class products, innovative processes and empowered employees, to provide the highest level of satisfaction to its customers.

### Our Vision

To realise the mission ACI will

- Endeavor to attain a position of leadership in each category of its business.
- Provide products and services of high and consistent quality, ensuring value for money to its customers.
- Promote an environment for learning and personal growth.
- Attain a high level of productivity in all its operations through effective utilisation of time and adoption of appropriate technology.
- Develop its employees by encouraging empowerment and rewarding innovation.
- Ensure superior return on investment through judicious use of resources and efficient operations, utilizing our core competencies.
- Encourage and assist qualitative improvement of the services of its distributors and suppliers.

### Our Values

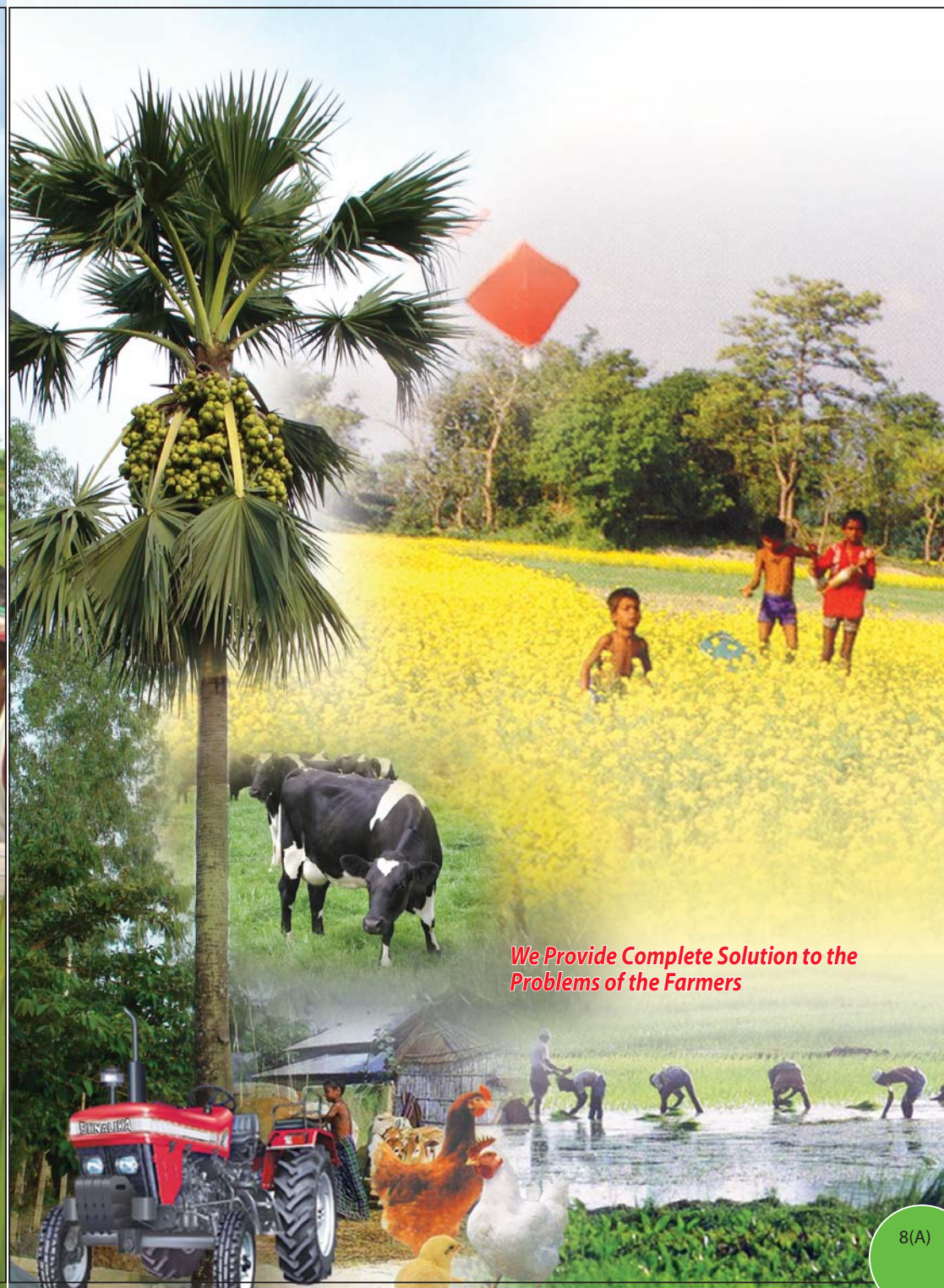
ACI is a strong value based company with six values. They are:

- Quality
- Customer Focus
- Fairness
- Transparency
- Continuous Improvement
- Innovation





*We Help Feed Bangladesh*



*We Provide Complete Solution to the Problems of the Farmers*

# ACI Seed

(Deals with Cereal and Vegetable seeds)

ACI Seed is playing a vital role towards maintaining food security of the country by distributing different hybrid and inbred varieties of cereal, pulse and vegetable seeds. These different varieties with quality have created a positive brand image and a foundation of trust among the farmers. ACI Seed has gained wide acceptance among farmers due to their high quality and better yield. This has been possible through achievement of production efficiencies for farmers and distributors all over the country by means of a strong processing and marketing network consisting of a team of qualified and technologically sound manpower.

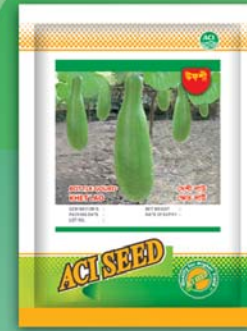
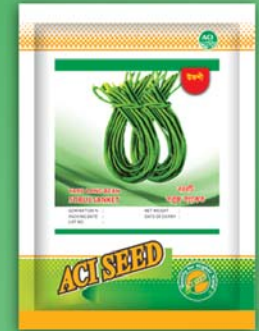
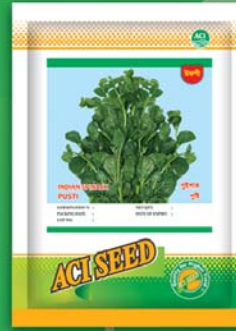
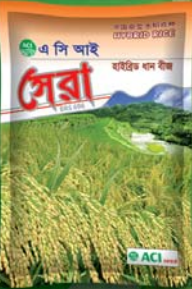
We have our own research and development activities in Rural Development Academy (Bogra), Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU), Gazipur and Bangladesh Agriculture University (BAU), Mymensingh.

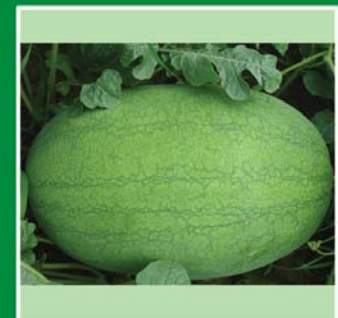
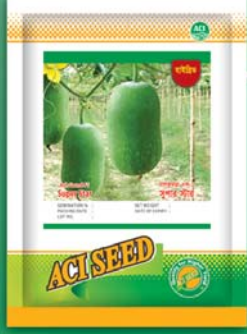
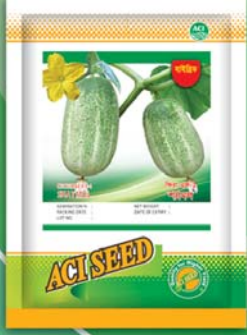
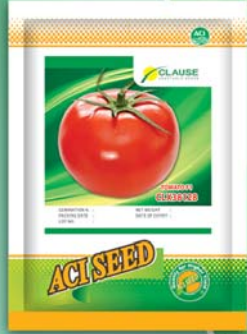
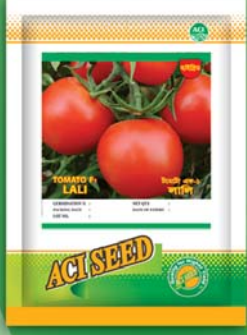
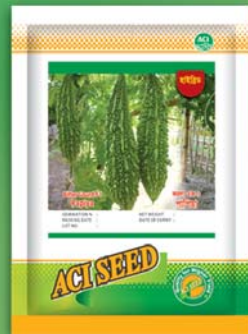
We plan to grow this business through proper communication of agricultural practices and ensuring the appropriate usage of hybrid seeds. We are giving more focus on research and development of biotech products to ensure superior quality and quantity of agricultural outputs in the country.



## R & D Programme

- Rural Development Academy (RDA), Bogra
- Bangabandhu Shekh Mujibur Rahman Agricultural University (BSMRAU), Gazipur
- Bangladesh Agricultural University (BAU), Mymensingh





## Characteristic Features of ACI Seed Products

### Sugar Emperor

- Special Characteristics:**
- Charleston Gray type
  - The fruits are average 13 kg weight, oblong in shape red juicy flesh with 12-13 % brix Sugar content.
  - Suitable to long distance shipping
  - Resistant to Fusarium wilt and Anthracnose.

**Season:**  
 Optimum time for Sugar Emperor cultivation is October-January  
 Seed rate : 2.0-2.5 gm/Dec  
 Duration : 60-65 Days  
 Yield : 40-50Ton/Acre



## Hybrid Rice (Oryza sativa)

### Hybrid Rice - ACI-1

- Special Characteristics:**
- Coarse and semi long grain.
  - Sterility percentage very low
  - Cooking quality is very good.

**Season:**  
 Boro and Late Boro  
 Seed rate : 5 kg/ Acre  
 Duration : 140-145 Days  
 Yield : 100-120Mon/Acre



### Hybrid Rice - Sera

#### Special Characteristics:

- Coarse and semi long grain.
- Sterility percentage very low
- Cooking quality is very good.

#### Season:

Boro and Late Boro  
Seed rate : 5 kg/ Acre  
Duration : 138-145 Days  
Yield : More Than 120 Mod/Acre

### Hybrid Rice - Sampad

#### Special Characteristics:

- Fine and medium long grain.
- Sterility percentage very low
- Cooking quality is very good.

#### Season:

Boro and Late Boro  
Seed rate : 5 kg/ Acre  
Duration : 140-145 Days  
Yield : More Than 120 Mod/Acre

### Hybrid Rice - Sonkor-3

#### Special Characteristics:

- Fine and medium long grain.
- Short duration Variety
- Cooking quality is very good.

#### Season:

Boro and Late Boro  
Seed rate : 5 kg/ Acre  
Duration : 130-135 Days  
Yield : More Than 120 Mod/Acre

### Hybrid Rice -Folon-2

#### Special Characteristics:

- Coarse and semi long grain.
- Sterility percentage very low
- Cooking quality is very good.

#### Season:

Boro and Late Boro  
Seed rate : 5 kg/ Acre  
Duration : 140-145 Days  
Yield : 115-125 Mod/Acre



### Hybrid Maiza MS - 888

#### Special Characteristics

Single cross hybrid  
Excellent tip filling, suitable for both rain fed and irrigated situation during kharif and rabi season  
Disease and insects tolerant

#### Season:

Both Kharit and Rabi  
Seed Rate: 6-7 kg/acre  
Duration: Kharit 110-115, Rabi 115-120  
yield: 4.5-5 ton

### Hybrid Maiza AS - 999

#### Special Characteristics

Medium maturing hybrid  
Excellent seed setting with complete tip tilling  
Disease and insects tolerant

#### Season:

Both Kharit and Rabi  
Seed Rate: 6-7 kg/Acre  
Duration: Kharit 100-105 and Rabi 110-115  
yield: 4-4.5 mt

## Bottle Gourd (*Lagenaria siceraria*)

### Bottle Gourd - Marshal (Hybrid)

#### Special Characteristics:

- High yielding hybrid variety;
- Marshal is spotted green in color;
- Fruits are 50-55 cm long and 2.5-3.0 kg in weight.

#### Growing Season:

It grows all the year round but remarkably prolific in winter season.

Seed rate : 8-10gm/Decimal or 800 - 1000 gm/Acre

Maturity : 50-55 Days After Sowing

Yield : 25-30 MT/Acre or 65-70MT/Hectare

## Bitter Gourd (*Momordica charantia*)

### Bitter Gourd - Papiya (Hybrid)

#### Special Characteristics:

- Papiya is day neutral hybrid variety;
- Attractive green color semi-spiny, slightly bitter and delicious; It becomes 25-30 cm long and weight is 200-250 gm each.

#### Growing Season:

It grows all the year round except in rigorous winter.

Seed rate : 10-12 gm/Decimal or 1000 - 1200 gm/ Acre

Maturity : 40-45 Days After Sowing

Yield : 10-12 MT/Acre or 25-30 MT/ Hectare

## Ash Gourd (*Benincasa hispida*)

### Ash Gourd - Super Star (Hybrid)

#### Special Characteristics:

- Fruits Cultivable almost year round 20-25 cm long and weight is 1.5 kg.
- Fruiting starts at 40-45 Days after Sowing.

#### Growing Season:

It grows from February - August.

Seed rate : 1.3-1.5 gm/Decimal or 130 - 150 gm/ Acre

Maturity : 50-55 Days After Sowing

Yield : 18-20 MT/Acre or 45-50 MT/ Hectare



## Sponge Gourd (*Luffa aegyptiaca*)

### Sponge Gourd- Suchana (Hybrid)

#### Special Characteristics:

- A day-neutral hybrid variety
- Fruits are attractive light green, delicately soft and fibreless. Having great taste,
- It ranges 25-30 cm in length and 120-130 g. in weight.

#### Growing Season:

It grows from February - August.

Seed rate : 5.0 gm/Decimal or 500 gm/ Acre

Maturity : 45-50 Days After Sowing

Yield : 12-14 MT/Acre or 30-35 MT/ Hectare

## Cucumber (*Cucumis sativus*)

### Cucumber-Elin (Hybrid)

#### Special Characteristics:

- Elin is remarkably first-rate hybrid variety;
- Attractively dark green in color;
- Fruits are 15-20 cm long, and 200-220 gm in weight;
- It has a stunning prolificacy rate with good taste.

#### Growing Season:

It grows all the year round but remarkably in Feb. - Sept.

Seed rate : 2.0 gm/Decimal or 200 gm/ Acre

Maturity : 35-38 Days After Sowing

Yield : 25 -30 MT/Acre or 60-65 MT/ Hectare

### Cucumber-Elite (Hybrid)

#### Special Characteristics:

- Elite is high yielding hybrid variety;
- Attractively green in color;
- Fruits are 13-15 cm long, and 180-200 g in weight;
- It has a stunning prolificacy rate

#### Growing Season:

Optimum time for growing Feb. - Sept.

Seed rate : 2.0 gm/Decimal or 200 gm/ Acre

Maturity : 35-40 Days After Sowing

Yield : 25 -30 MT/Acre or 60-65 MT/Hectare





## Pumpkin (*Cucurbita maxima*)

### Pumpkin- Sweet Baby (Hybrid)

#### Special Characteristics:

- Sweet Baby is marked with all year- round cultivation feature;
- Flat round shape & white spotted, regular ridge on fruit with thick flesh, dark yellow in color give fruits a delicate impression;
- Individual fruit weight 3-5 Kg.

#### Growing Season:

It grows all the year round.

Seed rate : 3 gm/Decimal or 300 gm/ Acre

Maturity : 70-75 Days After Sowing

Yield : 18 -20 MT/Acre or 45-50 MT/Hectare

### Sweet Gold (Hybrid)

#### Special Characteristics:

- Sweet gold is marked with all year- round cultivation feature;
- Flat round shape, regular ridge on fruit with thick flesh, dark
- yellow in color give fruits a delicate impression;
- Individual fruit weight 7-8 kg.

#### Growing Season:

It grows all the year round

Seed rate : 3 gm/Decimal or 300 gm/ Acre

Maturity : 70-75 Days After Sowing

Yield : 25 -28 MT/Acre or 60-70 MT/Hectare

## Chili (*Capsicum frutescens*)

### Chili- CLXPH034 (Hybrid)

#### Special Characteristics:

- A high yielding hybrid variety
- It is medium type bushy plant
- Resistant to bacterial wilt and virus;
- Tolerant to excessive rain;
- Fruits are 8-10 cm long;
- Fruits are light green, straight and brightly pungent.

#### Growing Season:

It grows all the year round but remarkably in Feb- Mar and Aug- Oct.

Seed rate : 1.5 - 2.0 gm/Decimal or 150 - 200 gm/ Acre

Maturity : 60 - 65 Days After Transplanting

Yield : 10-12 MT/Acre or 25-30 MT/ Hectare

### Chili- Hot Green (Hybrid)

#### Special Characteristics:

- It is a high yielding hybrid variety;
- Hot Green is medium type bushy plant,
- Resistant to bacterial wilt and virus;
- It becomes 8-10 cm long;
- Fruits are green, straight and tremendously pungent.

#### Growing Season:

It grows all the year round but remarkably in Feb- Mar and Aug- Oct.

Seed rate : 1.5 - 2.0 gm/Decimal or 150 - 200 gm/ Acre

Maturity : 65 - 70 Days After Transplanting

Yield : 8-10 MT/Acre or 20-25 MT/ Hectare



## Tomato (*Lycopersicon esculentum*)

### Tomato- Lali (Hybrid)

#### Special Characteristics:

- It grows all year round with the distinction of viability in summer having tolerance to heat and rain.
- Fruits are round and big sized with attractively deep red outer skin.
- Average weight of fruits is 150-180 g.
- Prolificacy of this variety is highly significant.

#### Growing Season:

Optimum time for growing July-October  
Seed rate : 1.0-1.3 gm/Decimal or 100-130 gm/ Acre  
Maturity : 60-65 Days After Transplanting  
Yield : 20-25 MT/Acre or 50-55 MT/ Hectare

### Tomato- CLX 38344 (Hybrid)

#### Special Characteristics:

- Tolerance to heat and rain embedded into this hybrid
- variety suit the needs of farmers for his long shelf life.
- It is highly prolific and tolerant to virus (TYLCV)
- Fruits are oblong and attractive red in color
- Average individual fruit weight is 90-110 gm.

#### Growing Season:

Optimum time for growing July -October  
Seed rate : 1.0 gm/Decimal or 100 gm/ Acre  
Maturity : 60-65 Days After Transplanting  
Yield : 25 -30 MT/Acre or 60-75 MT/ Hectare

### Tomato- CLX 38128 (Hybrid)

#### Special Characteristics:

- It tolerance to heat and rain.
- Fruits are semi-round and medium sized with attractively deep red outer skin.
- Average weight of a fruits is 120-150 gm
- Prolificacy of this variety is highly noteworthy.

#### Growing Season:

Optimum time for growing April - May & July -October  
Seed rate : 1.0 gm/Decimal or 100 gm/ Acre  
Maturity : 60-65 Days After Transplanting  
Yield : 25 -30 MT/Acre or 60-75 MT/ Hectare

### Tomato- Roma VF (OP)

#### Special Characteristics:

- It is a high yielding variety with oblong fruits,
- Attractive red in color and very delicious
- Roma VF is cultivable in mid and late winter season
- Weight is about 60-70 gm.

#### Growing Season:

Optimum time for growing August - January  
Seed rate : 1.2 -1.5gm/Decimal or 120.0 - 150.0gm/ Acre  
Maturity : 70-75 Days After Transplanting  
Yield : 15 -20 MT/Acre or 40-50 MT/ Hectare



## Coriander (*Coriandrum sativum*)

### Coriander - Green Leaf (OP)

#### Special Characteristics:

- Green leaf is a high yielding variety of Coriander
- Late bolting habit
- It has bright green color with nice aroma,
- It can be harvested from 30-35 days After sowing

#### Season:

It is a year round variety  
Seed rate : 100-120 gm/Decimal or 10-12 kg/ Acre  
Maturity : 30-35 Days After Sowing  
Yield : 2.5-3.0 MT/Acre or 6.0-7.0 MT/ Hectare

## Radish (*Raphanus sativus*)

### Radish - Bright 40 (OP)

#### Special Characteristics:

- Earliness, faster growth and excellent white color spell this variety highly demandable.
- Leaf is shiny, soft and delicious
- Root grows 25-30 cm long and 300-350 gm weighty

#### Season:

Optimum time for radish cultivation is May - October  
Seed rate : 50 gm/Decimal or 5 kg/ Acre  
Maturity : 35-40 Days After Sowing  
Yield : 17-20.0 MT/Acre or 40-50 MT/ Hectare

### Radish - Bright White 40 (OP)

#### Special Characteristics:

- Bright White- 40 is a faster growing variety with excellent white color root.
- Uniform root grows 25-30 cm long.
- Average weight 350-400 gm.

#### Season:

Optimum time for radish cultivation is May - October  
Seed rate : 50 gm/Decimal or 5 kg/ Acre  
Maturity : 35-40 Days After Sowing  
Yield : 17-20.0 MT/Acre or 60-70 MT/ Hectare

# ACI Fertilizer

Deals with Soil Health Product, Nutrient Deficiency Corrector, Supplementary Product and Plant Growth Regulator (PGR).

In Bangladesh farmers are using more N P K fertilizer for crop production. But other nutrients are also important for the enhancement of yield; though their requirement is marginal for crops. For the lack of any nutrient (Macro or Micro), crop production can be decreased 20% on an average. The population of Bangladesh is increasing significantly and agriculture land is decreasing. So it is important to increase crop production in decreasing land. There is no alternative of balanced fertilization in land for more production and ensuring the food security of the country.

ACI Fertilizer introduced some Deficiency Corrector products, like - Zinc Sulphate, Magnesium Sulphate, Ammonium Sulphate, Sulphur and Boron at the beginning of the Business. ACI Fertilizer is trying to introduce more new technology products continuously and has already introduced eco-friendly Organic Fertilizer using latest technology in production, Excel Gold (amino acid based liquid fertilizer), Bioferti (liquid humus), Bumper Folon (4-CPA), Flora (Nitro Benzene) and some Chelated Nutrients. The farmers have already got the proof that these new technology products can enhance the yield 15-20%.





## Soil Health Product

### Organic Fertilizer

**Nutrient Contents**

Decomposed Organic Matter

**Recommended Dose**

450-500 kg /Hectare for soil application

### Deficiency Corrector

#### Gypsum

**Nutrient Contents**

Sulphur: 17%, Calcium: 23%

**Recommended Dose**

40-50 kg /Hectare for soil application

**Function of Sulphur**

Constituent of amino acid, biotin, Vitamin B & Coenzyme A

**Function of Calcium**

Constituent of cell wall

**Deficiency Symptom of Sulphur**

New leaves turn pale yellow; older leaves stay green & stun growth

**Deficiency Symptom of Calcium**

New leaves turn whitish in color

#### Sulphur 90%

**Nutrient Contents**

Sulphur: 90%

**Recommended Dose**

15-20 kg /Hectare for soil application

#### Greensul

**Nutrient Contents**

Sulphur: 80% WG

**Recommended Dose**

6-7 kg /Hectare for soil application & 4-5 gm/liter water for spraying



## Boric Acid

### Nutrient Contents

Boron: 17%

### Recommended Dose

4-7.5 kg /Hectare for soil application

### Function of Boron

Regulates carbohydrate metabolism; involved in protein synthesis; role in seed formation

### Deficiency Symptom of Boron

Poor stem & root growth; pale green tips of blades, bronze tint; death of growing points; infilling of grains

## Fertibor

### Nutrient Contents

Boron: 15%

### Recommended Dose

4-7.5 kg /Hectare for soil application

## Zinc Sulphate (Heptahydrate)

### Nutrient Contents

Zinc: 21%

Sulphur: 10.5%

### Recommended Dose

8-12 kg /Hectare for soil application

### Function of Zinc

Auxin formation; activation of dehydrogenases enzymes; stabilization of ribosomal fractions

### Deficiency Symptom of Zinc

Yellowing between veins of new growth; uneven crop growth; delay in maturity



## Zinc Sulphate (Monohydrate)

### Nutrient Contents

Zinc: 36%

Sulphur: 17.5%

### Recommended Dose

7-10 kg /Hectare for soil application

## Magnesium Sulphate

### Nutrient Contents

Magnesium: 9.5%, Sulphur: 12.5%

### Recommended Dose

15-20 kg /Hectare for soil application

### Function of Magnesium

Constituent of chlorophyll; cofactor of enzymatic reactions

### Deficiency Symptom of Magnesium

Marginal or interveinal chlorosis with pinkish color of older leaves; sometimes leaf-rolling like drought effect; plant susceptible to winter injury

## Ammonium Sulphate

### Nutrient Contents

Nitrogen: 21%, Sulphur: 23.5%

### Recommended Dose

35-50 kg /Hectare for soil application

### Function of Nitrogen

Constituent of proteins, nucleic acid & chlorophyll

### Deficiency Symptom of Nitrogen

Yellowing of older leaves, yellowing of whole leaves in case of severe deficiency; reduced tillering; stunted crop growth



## Sulphate of Potash (SOP)

### Nutrient Contents

Potassium	:50%
Sulphur	:17%

### Recommended Dose

175-225 kg /Hectare for soil application

### Function of Potassium

Enzyme activation; osmotic & ionic regulation

### Deficiency Symptom of Potassium

Older leaves may show spots or marginal burn starting from tips; increased susceptibility to diseases, drought & cold injury

## NPKS

### Nutrient Contents

Nitrogen (N)	:8%
Phosphorus (P)	:20%
Potassium (K)	:14%
Sulphur (S)	:5%

### Recommended Dose

250-300 kg/ Hectare for soil application

## Soil Health Product

### Excel Gold (Liquid Fertilizer)

#### Nutrient Contents

Nitrogen (N)	:14.2%
Phosphorus (P2O5)	:8.0%
Potassium (K2O)	:8.0%
Sulphur	:3000 mg/Ltr.
Zinc	:145 mg/ Ltr.
Boron	:2 mg/ Ltr.
Magnesium	:400 mg/ Ltr.
Manganese	:1 mg/ Ltr.
Calcium	:400 mg/ Ltr.
Sodium	:75 mg/ Ltr.
Iron	:4 mg/ Ltr.
Copper	:1 mg/ Ltr.
Molybdenum	:0.1 mg/ Ltr.

#### Recommended Dose

2-5 ml/ liter water for spraying

## Bioferti (Liquid Humus)

Content: See weed extract

Humus: 97%

### Recommended Dose

2-3 ml/liter water for spraying

## Solubor Boron

### Nutrient Content

Boron: 20%

### Recommended Dose

2.5- 3.5 kg/ Hectare for soil application and 1-2 gm/Liter water for spraying

## Chelated Zinc

### Nutrient Content

Zinc: 10%

### Recommended Dose

0.5- 1gm/liter water for spraying

## Plant Growth Regulator (PGR)

### Flora

#### Content

Nitro Benzene: 20%

#### Recommended Dose

2-3 ml/liter water for spraying

### 4-CPA (Bampur Folon)

#### Content

4- Chlorophenoxy Acetic Acid 1250 ppm

#### Recommended Dose

2-5 ml/liter water for spraying

### GA3 - 80% (Power)

#### Contents

Gibberellic Acid (GA3- 80%)

#### Recommended Dose

1 gm/30 liter water for spraying



# ACI Crop Care & Public Health

(Deals with Insects, Diseases, Weed and Public Health Products)

We have a complete range of cost effective products including insecticides, herbicides, fungicides, miticides and yield boosters that can provide appropriate solutions for the farmers. Our future strategies include the introduction of biotech products and export.

We have a modern formulation plant that produces quality products as well as a strong marketing network to support the farmers. Transferring modern technology and increasing productivity of farmers is our main objective.

We provide extensive training to our marketing and field force to improve their performance and to enrich their technical knowledge. Also we give focus on improving their communication skills so that they can disseminate knowledge and skills to different stockist, retailers, farmers and external influencers through demonstrations, meetings and seminars.





## Granular and Powder

### Brifur 5G

**Active Ingredient** - Carbofuran  
**Type** - Granular Insecticide  
**Mode of Action** - Systemic with Predominantly Contact & Stomach Action  
**Target crop** - Rice & Sugarcane  
**Target Pest** - Rice Stem Borer, Nematodes and White Grub  
**Recommended Dose** - 4 kg/Acre (Rice)

### Rajdhan 10G

**Active Ingredient** - Diazinon  
**Type** - Granular Insecticide  
**Mode of Action** - Non-Systemic with Contact, Stomach and Respiratory Action  
**Target crop** - Rice and Vegetables  
**Target Pest** - Rice Stem Borer & Gall Midge  
**Recommended Dose** - 6.8 kg/Acre (Rice)

### Cidial 5G

**Active Ingredient** - Phenthoate  
**Type** - Granular Insecticide  
**Mode of Action** - Non-Systemic with Contact and Stomach Action  
**Target crop** - Rice  
**Target Pest** - Rice Stem Borer, Aphids, Bugs and Scale Insects  
**Recommended Dose** - 6.8 kg/Acre (Rice)

### Furan 3G

**Active Ingredient** - Carbofuran  
**Type** - Granular Insecticide  
**Mode of Action** - Systemic with Predominantly Contact & Stomach Action  
**Target crop** - Rice  
**Target Pest** - Rice Stem Borer, Nematodes and White Grub  
**Recommended Dose** - 6.8 kg/Acre (Rice)

### Care 50 SP

**Active Ingredient** - Cartap Hydrochloride  
**Type** - Powder Insecticide  
**Mode of Action** - Systemic with Contact & Stomach Action  
**Target crop** - Rice, Brinjal, Potato  
**Target Pest** - Rice Stem Borer, Brinjal Fruit & Shoot Borer, Potato Cutworm.  
**Recommended Dose** - Rice 640 gm/Acre  
Brinjal 240 gm/Acre

### Protect 50 SG

**Active Ingredient** - Emamectin Benzoate  
**Type** - Fine granular  
**Mode of Action** - Contact, Stomach and local penetrate  
**Target crop** - Vegetable  
**Target Pest** - Pod Borer, Red mite  
**Recommended Dose** - 200 gm/Acre

### Goolee 3GR

**Active Ingredient** - Fipronil  
**Type** - Granular Insecticide  
**Mode of Action** - Pseudo-Systemic with contact and stomach action.  
**Target crop** - Rice  
**Target Pest** - Rice Stem Borer, Termite, Soil Treatment, Seed Bed Preparation  
**Recommended dose** - 4 kg/ Acre (Rice)

### Platinum 20 SP

**Active Ingredient** - Acetamiprid  
**Type** - Powder Insecticide.  
**Mode of Action** - Systemic Insecticide with Translaminar Activity, Contact, Stomach and Strong Osmotic Action.  
**Target crop** - Rice  
**Target Pest** - BPH, Aphid, Jassid and White Fly  
**Recommended Dose** - 20gm/ Acre

### Lock 57%

**Active Ingredient** - Aluminium Phosphide  
**Type** - Insecticide in tablet form.  
**Mode of Action** - Fumigant action.  
**Target group** - Commercial farmers.  
**Target crop** - Rice.  
**Target Pest** - Stored grain pest.



## Liquid Insecticide Product

### Caught 10EC

**Active Ingredient** - Cypermethrine  
**Type** - Liquid Insecticide  
**Mode of Action** - Non-Systemic, Contact, Stomach  
**Target crop** - Rice, vegetable, Mango, Brinjal.  
**Target Insect** - Surface Pest, Fruit and Shoot Borer  
**Recommended Dose** - 200 ml/Acre

### Tiddo 20SL

**Active Ingredient** - Imidachlorpid  
**Type** - Liquid Insecticide  
**Mode of Action** - Systemic, Contact and Stomach  
**Target crop** - Rice, Sugar can, Tea  
**Target Insect** - Aphid, Jassid, BPH.  
**Recommended Dose** - 50 ml/Acre(Rice)  
50 ml/Acre(Watermelon), 50 ml/Acre(Bean)

### Gola 48EC

**Active Ingredient** - Chlorpyrifos  
**Type** - Liquid Insecticide  
**Mode of Action** - Non-Systemic, Contact, Stomach and Respiratory Action  
**Target crop** - Rice, Potato, Tea  
**Target insect** - Rice Hispa & BPH, Cutworm and Termite  
**Recommended Dose** - 200 ml/Acre

### Fighter 25EC

**Active Ingredient** - Lambda Cyhalothrine  
**Type** - Liquid Insecticide  
**Mode of Action** - Contact and Stomach  
**Target crop** - Rice, Mango Pulse, Oil seed and vegetables.  
**Target Insect** - Stem Borer, Mango Leaf Hopper  
**Recommended Dose** - 400 ml/Acre

### Classic 20EC

**Active Ingredient** - Chlorpyrifos  
**Type** - Liquid Insecticide  
**Mode of Action** - Non-Systemic, Contact, Stomach  
**Target crop** - Rice, Potato, Tea  
**Target insect** - BPH, Cutworm and Termite  
**Recommended Dose** - 400 ml/Acre

### Feniton 50EC

**Active Ingredient** - Fenitrothion  
**Type** - Liquid Insecticide  
**Mode of Action** - Non-Systemic with Contact & Stomach Action  
**Target crop** - Rice, Beans  
**Target insect** - Rice BPH, Bean Jassid  
**Recommended Dose** - 200 ml/Acre (Bean)



## Herbicides

### Aimchlor 5G

**Active Ingredient** - Butachlor  
**Type** - Granule selective & Pre emergence Herbicide  
**Target crop** - Rice  
**Target Pest** - Rice weed (Grasses)  
**Recommended Dose** - 10 kg/Acre

### Superheat 500EC

**Active Ingredient** - Pretilachlor  
**Type** - Liquid Selective Pre-emergence Herbicide  
**Target crop** - Rice  
**Target Pest** - Rice weed (sedge)  
**Recommended Dose** - 400 ml/Acre

### Filder

**Active Ingredient** - 2,4-D Sodium Salt  
**Type** - Post emergence liquid herbicide  
**Target crop** - Rice, Wheat, Tea  
**Target Pest** - Sedge & Broad leaf  
**Recommended Dose** - 1135 ml/Acre

### Kelion 50WG

**Active Ingredient** - Orthosulfamuron  
**Type** - Post emergence water dispersible granular herbicide  
**Target crop** - Rice  
**Target Pest** - Rice weed (sedge, grasses & Broad leaf)  
**Recommended Dose** - 60 gm/Acre

### Nuchlor 5G

**Active Ingredient** - Butachlor  
**Type** - Granule selective & Pre emergence Herbicide  
**Target crop** - Rice  
**Target Pest** - Rice weed (Grasses)  
**Recommended Dose** - 10 kg/Acre

### Super Power 10WP

**Active Ingredient** - Pyrazosulfuron-ethyl  
**Type** - Post emergence powder herbicide.  
**Mode of Action** - Systemic.  
**Target crop** - Rice  
**Target Pest** - Broad leaf, sedges and grasses  
**Recommended Dose** - 75gm/ Acre

### Paraxone

**Active Ingredient** - Paraquat Dichloride  
**Type** - Non-selective/Knockdown liquid herbicide  
**Target crop** - Tea, Rubber, Banana, Papaya  
**Target Pest** - Broad leaf, sedge and grasses  
**Recommended Dose** - 1135 ml/Acre

### Sunup 480 SL

**Active Ingredient** - Glyphosate  
**Type** - Non-Selective/ Knockdown liquid herbicide  
**Target crop** - Tea, Rubber, Banana, Papaya, Orchard  
**Target pest** - Broad leaf, Sedge, Grass  
**Recommended Dose** - 1500 ml/ Acre

## Fungicides

### Nemispore 80WP

**Active Ingredient** - Mencozeb  
**Type** - Powder Fungicide  
**Mode of Action** - Contact  
**Target crop** - Potato.  
**Target Disease** - Late blight & Early blight  
**Recommended Dose** - 900 gm/Acre

### Nuben 72WP

**Active Ingredient** - Mencozeb+Metaloxyl  
**Type** - Powder Fungicide  
**Mode of Action** - Systemic  
**Target crop** - Potato and Tomato.  
**Target Disease** - Late blight & Early blight  
**Recommended Dose** - 800 gm/Acre

### Aimcozim 50WP

**Active Ingredient** - Carbendazim  
**Type** - Powder Fungicide  
**Mode of Action** - Systemic  
**Target crop** - Rice, Tea and Vegetables.  
**Target Disease** - Sheath Blight, Red Rust & Powdery Mildew  
**Recommended Dose** - 200 gm/Acre (Rice)  
300 gm/Acre (Tea)

### Rovanon 50WP

**Active Ingredient** - Iprodion  
**Type** - Fungicide  
**Mode of Action** - Contact.  
**Target crop** - Onion.  
**Target Disease** - Purple blotch of Onion  
**Recommended Dose** - 400gm/ Acre

### Proud 25EC

**Active Ingredient** - Propiconazole  
**Type** - Liquid Fungicide  
**Mode of Action** - Systemic  
**Target crop** - Rice, Banana, Tea.  
**Target Disease** - Sheath Blight, Sigatoka and Red Rust  
**Recommended Dose** - 400 ml/Acre (Rice)

### Conza 5EC

**Active Ingredient** - Hexaconazole  
**Type** - Liquid Fungicide  
**Mode of Action** - Systemic  
**Target crop** - Rice, Banana, Mango.  
**Target Disease** - Sheath Blight, Sigatoka and Anthracnose  
**Recommended Dose** - 200 ml/Acre (Rice)

## Sulphur and Yield Booster

### Sulfox 80 WDG

**Active ingredient** - Sulphur

**Type** - Fungicide Acaricide

**Mode of action** - Non Systemic

**Target crop** - Jute and Tea

**Target disease** - Mites, Powdery Mildew

**Recommended Dose** - 1.5 kg/Acre

### Sulphotox 80WP

**Active ingredient** - Sulphur

**Type** - Fungicide Acaricide

**Mode of action** - Non Systemic

**Target crop** - Jute and Tea

**Target disease** - Mites, Powdery Mildew

**Recommended Dose** - 1.5 kg/Acre

### Acamite 1.8 EC

**Active Ingredient** - Abamectin

**Type** - Miticide

**Mode of Action** - Systemic

**Target crop** - Tea.

**Target Disease** - Red Spider Mites

**Recommended Dose** - 500 ml/ Acre

### Endosol 35EC

**Active ingredient** - Endosulfun

**Type** - Insecticide Acaricide

**Mode of action** - Non Systemic

**Target crop** - Tea

**Target disease** - Helopiltis

**Recommended Dose** - 600ml/Acre

### Flora

**Active Ingredient** - Nitro Benzene 20%

**Type** - Plant Energizer and Yield Booster.

**Mode of Action** - Flora is absorbed into the Plant system by cuticle, and translocates to all the parts of the plant system. It has both Translaminar and systemic properties.

**Target crop** - Potato, Winter vegetables, Watermelon and Mango.

**Recommended dose** - 2-3 ml/ liter of water



Mechanized cultivation is a basic requirement of Bangladesh to encounter labor shortage, increase productivity and improve time gap to crops. ACI Motors started its operation with the product range of agriculture machineries like Tractor, Power tiller and Mini Combine Harvester and ensured supply of quality machineries and better after sales service.

ACI Motors are now marketing the various models of Sonalika Tractors of ITL which is 3rd leading position in India as well as the fastest growing brand. Sonalika tractor is especially designed which is suitable for Bangladesh small land size & roads. ACI has also introduced high quality ACI Power Tiller, ACI Diesel Engine from China, Daedong Combine Harvester & Rice Transplanter of Korea & ACI Water Pump from China considering Bangladesh perspective. All the brands introduced by ACI have received tremendous response from the farmers.

## ACI Motors

(Deals with Agricultural Machineries)



ACI Motors operates its sales activities by establishing sales and service centre at Dhaka, Jessore, Dinajpur, Rangpur, Sylhet, Barishal, Bogra and Cumilla and appointing dealers all over the country. ACI motors ensuring after sales service through highly efficient and experience mechanical Engineer, Agricultural Engineers and Diploma Engineers.

### Highlights

- In 2007 Introduced "Sonalika Tractors"
- In 2008 Introduced "Bull Power" Power Tiller
- In 2009 Introduced "Diesel Engine"
- In 2010 Introduced "Combine Harvester"
- In 2011 Introduced "Rice Transplanter"
- In 2011 Introduced "ACI Water Pump"





Model- DI 35



Model-DI 730 II



Model- DI 745 III



Model- DI 750 II



Model- DI 35 Rx



Model- DI 60



Model- DI 45 Rx



Model- DI 55 Rx



Model-DI 60 Rx



Model-DI 50 Rx



ACI Power Tiller (GN)



ACI Power Tiller (DF)



ACI Diesel Engine



Deadong  
Rice Transplanter (DP480)



SICMA Rotavator



Deadong  
Combine Harvester (DKC 515)



Deadong  
Rice Transplanter (S3-680)

## SONALIKA DI-35 RX

(4 Wheeled, 2 Wheel Drive)

<b>Engine Model</b>	<b>3 cylinder ITL</b>
Hp Category	35
Type	4 Stroke, Direct Injection Diesel Engine, Natural Aspiration
No. of Cylinders	03
Cooling System	Water Cooled

### POSITIVE FEATURES

- |  |                    |
|--|--------------------|
| 01. High Fuel Efficiency               |                    |
| 02. High Torque Back-up                |                    |
| 03. Good Lugging Power                 |                    |
| 04. Aerodynamic Shape                  |                    |
| 05. Aesthetically Appealing Design     |                    |
| 06. Very Low Lubricant Oil Consumption |                    |
| 07. Steering Type                      | Mechanical         |
| 08. Trailer, Single Axle ( Tons )      | 4                  |
| 09. Utility                            | Carrying           |
| 10. Fuel Tank                          | 55 Ltrs            |
| 11. Weight                             | 2060 Kg            |
| 12. Ground Clearance                   | 42.5 cm/16.73 inch |



## SONALIKA DI-45 RX

(4 Wheeled, 2 Wheel Drive)

<b>Engine Model</b>	<b>3 Cylinder ITL</b>
Hp Category	45
Type	4 Stroke, Direct Injection Diesel Engine, Natural Aspiration
No. of Cylinders	03
Cooling System	Water Cooled

### POSITIVE FEATURES

- |  |                    |
|--|--------------------|
| 01. Steering Type                                  | Mechanical         |
| 02. Trailer, Single Axle ( Tons )                  | 5                  |
| 03. Utility  | Carrying           |
| 04. Fuel Tank                                      | 55 Ltrs            |
| 05. Automatic Draft Control                        |                    |
| 06. Lifting Capacity                               | 1200kg             |
| 07. Dry Air cleaner with clogging sensor           |                    |
| 08. Heavy duty front base weight                   |                    |
| 09. Instrument cluster with Electronic hour meter. |                    |
| 10. Mobile charger with canopy                     |                    |
| 11. Weight   | 2060 Kg            |
| 12. Ground Clearance                               | 42.5 cm/16.73 inch |



## SONALIKA DI-55 RX

(4 Wheeled, 2 Wheel Drive)

<b>Engine Model</b>	<b>3105FL</b>
Hp Category	55
Type	4 Stroke, Direct Injection Diesel Engine, Natural Aspiration
No. of Cylinders	03
Cooling System	Water Cooled

### POSITIVE FEATURES

- |  |                    |
|--|--------------------|
| 01. Steering Type                                  | Mechanical         |
| 02. Trailer, Single Axle ( Tons )                  | 5                  |
| 03. Utility  | Cultivation        |
| 04. Fuel Tank                                      | 65 Ltrs            |
| 05. Automatic Draft Control                        |                    |
| 06. Lifting Capacity                               | 1600kg             |
| 07. Dry Air cleaner with clogging sensor           |                    |
| 08. Heavy duty front base weight                   |                    |
| 09. Instrument cluster with Electronic hour meter. |                    |
| 10. Aerodynamic shape                              |                    |
| 11. Weight   | 2300 Kg            |
| 12. Ground Clearance                               | 42.5 cm/16.73 inch |



## SONALIKA DI-50 RX

(4 Wheeled, 2 Wheel Drive)

<b>Engine Model</b>	<b>3 Cylinder ITL</b>
Hp Category	50
Type	4 Stroke, Direct Injection Diesel Engine, Natural Aspiration
No. of Cylinders	03
Cooling System	Water Cooled

### POSITIVE FEATURES

01. Steering Type	Mechanical
02. Trailer, Single Axle ( Tons )	5
03. Utility	Cultivation
04. Fuel Tank	55 Ltrs
05. Automatic Draft Control	
06. Lifting Capacity	1200kg
07. Dry Air cleaner with clogging sensor	
08. Heavy duty front base weight	
09. Instrument cluster with Electronic hour meter.	
10. Mobile charger with canopy	
11. Weight	2060 Kg
12. Ground Clearance	42.5 cm/16.73 inch



## SONALIKA DI-60 RX

(4 Wheeled, 2 Wheel Drive)

<b>Engine Model</b>	<b>3105FL</b>
Hp Category	55
Type	4 Stroke, Direct Injection Diesel Engine, Natural Aspiration
No. of Cylinders	03
Cooling System	Water Cooled

### POSITIVE FEATURES

01. Steering Type	Mechanical
02. Trailer, Single Axle ( Tons )	5
03. Utility	Cultivation, Carrying
04. Fuel Tank	65 Ltrs
05. Automatic Draft Control	
06. Lifting Capacity	1600kg
07. Dry Air cleaner with clogging sensor	
08. Heavy duty front base weight	
09. Instrument cluster with Electronic hour meter.	
11. Weight	2510 Kg
12. Ground Clearance	47 cm/18.5 inch



## SONALIKA DI-35

(4 Wheeled, 2 Wheel Drive)

<b>Engine Model</b>	<b>3097FLS</b>
Hp Category	35HP
Type	4 Strokes, Direct Injection Diesel Engine, and Natural Aspiration
No. of Cylinders	03
Cooling System	Water Cooled

### POSITIVE FEATURES

01. Low Lubricant oil consumption
02. Highly Fuel Efficient
03. Higher Backup Torque
04. Fuel Gauge
05. Good Performance Over Turning (minor RPM Drop)
06. Better Area Coverage per liter
07. Trailer, Single Axle (Tons ) 4
08. Utility Carrying
09. Fuel Tank 55 Litrs
10. Weight 2000 Kg
11. Ground Clearance 42.5 cm/16.73 inch



## SONALIKA DI-745 III

(4 Wheeled, 2 Wheel Drive)

<b>Engine Model</b>	<b>3100FL</b>
Hp Category	45HP
Type	4 Stroke, Direct Injection Diesel Engine, and Natural Aspiration
No. of Cylinders	03
Cooling System	Water Cooled

### POSITIVE FEATURES

01. Good Pulling Power
02. Highly Fuel Efficient
03. Higher Backup Torque
04. Fuel Gauge
05. Good Performance Over Turning (minor RPM Drop)
06. Euro III Engine
07. Trailer, Single Axle ( Tons ) 5
08. Utility Carrying, Cultivation
09. Fuel Tank 55 Ltrs
10. Lifting Capacity 1200 kg
11. Weight 1860 Kg
12. Ground Clearance 42.5 cm/15.35 inch



## SONALIKA DI-60

(4 Wheeled, 2 Wheel Drive)

<b>Engine Model</b>	<b>4100FL</b>
Hp Category	60HP
Type	4 Stroke, Direct Injection Diesel Engine, and Natural Aspiration
No. of Cylinders	4
Cooling System	Water Cooled

### POSITIVE FEATURES

01. Good Pulling Power
02. Highly Fuel Efficient
03. Higher Torque Backup
04. High Speed Cultivation
05. Power Steering
06. Good Performance Over Turning (minor RPM Drop)
07. Higher Lift Capacity (1600kg)
08. Oil Immersed Brake As Standard Feature
09. Trailer, Single Axle ( Tons ) 6.5
10. Utility Cultivation, Carrying
11. Fuel Tank 65 Ltrs
12. Weight 2460 Kg
13. Ground Clearance 47 cm/18.5 inch



## SONALIKA DI-750 II

(4 Wheeled, 2 Wheel Drive)

<b>Engine Model</b>	<b>3102FL</b>
Hp Category	50HP
Type	4 Stroke, Direct Injection Diesel Engine, and Natural Aspiration
No. of Cylinders	03
Cooling System	Water Cooled

### POSITIVE FEATURES

01. Good Pulling Power
02. Highly Fuel Efficient
03. Higher Backup Torque
04. Fuel Gauge
05. Good Performance Over Turning (minor RPM Drop)
06. Euro II Engine
07. Trailer, Single Axle ( Tons ) 5
08. Utility Cultivation
09. Fuel Tank 55 Ltrs
10. Lifting Capacity 1200kg
11. Weight 2020 Kg
12. Ground Clearance 42.5 cm/16.73 inch



## SONALIKA DI-730 II

(4 Wheeled, 2 Wheel Drive)

<b>Engine Model</b>	<b>2102F</b>
Hp Category	30HP
Type	4 Strokes, Direct Injection Diesel Engine, and Natural Aspiration
No. of Cylinders	2
Cooling System	Water Cooled

### POSITIVE FEATURES

01. Good Pulling Power
02. Highly Fuel Efficient
03. Higher Backup Torque
04. Fuel Gauge
05. Euro II Engine
06. Good Performance Over Turning (minor RPM Drop)
07. Better Area Coverage per litre
08. Trailer, Single Axle (Tons)
09. Utility
10. Carrying
11. Weight
12. Ground Clearance

3,5 tons  
2860 Kg  
39 cm/15.35 inch



## ACI Power Tiller

Model : GN 121

### Special Feature

- Real 12 HP power tiller
- More strength for cultivation and carrying
- More durable and heavier in weight

Engine Model	S195G GN
Rated Engine Power(Ps)	12 HP
Rated Engine Speed (RPM)	2000

### POSITIVE FEATURES

01. Good Pulling Power
02. Higher Torque Backup
03. High Speed Cultivation
04. Power Steering
05. Good Performance Over Turning (minor RPM Drop)
06. Higher Lift Capacity (1600kg)
07. Oil Immersed Brake As Standard Feature
08. Match with Bangladesh Farming Condition
09. Brass Radiator for Better Longevity
10. Iron Wheel with Ten Sproket 10
11. After sales service through mechanics and 200 dealers all over the country



## ACI Power Tiller

Model : DF 121

### Special Feature

- Real 12 HP power tiller
- More strength for cultivation and carrying
- More durable and heavier in weight

Engine Model	S195DF (Changchai Engine)
Rated Engine Power(Ps)	12 HP
Rated Engine Speed (RPM)	2000

### POSITIVE FEATURES

01. Good Pulling Power
02. Highly Fuel Efficient
03. Higher Torque Backup
04. High Speed Cultivation
05. Power Steering
06. Good Performance Over Turning (minor RPM Drop)
07. Higher Lift Capacity (1600kg)
08. Oil Immersed Brake As Standard Feature
09. Match with Bangladesh Farming Condition
10. Original Changchai Engine



## Diesel Engine



## ACI DIESEL ENGINE

### Z 170F CD

Model	: Z170F CD
Category	: 4 HP
Type	: Horizontal 4 stroke
Cooling System	: Air Cooled
Starting Method	: Hand Starting
Net Weight	: 50 Kg
Declared Power	: 2.94 kw
Rated Speed	: 2600 r/min
Purpose of use	: Nosimon, Pump, Small Generator, Sugar Can Juicer, Small Boat

### Z 175 F CD

Model	: Z175F CD
Category	: 5 HP
Type	: Horizontal 4 stroke
Cooling System	: Air Cooled
Starting Method	: Hand Starting
Net Weight	: 65 Kg
12h Output	: 3.68 kw
Rated Speed	: 2600 r/min
Purpose of use	: Nosimon, Pump, Small Generator, Sugar Can Juicer, Small Boat

### R 170A CD

Model	: R170A CD
Category	: 4 HP
Type	: Horizontal 4 stroke
Cooling System	: Water Cooled
Starting Method	: Hand Starting
Net Weight	: 60 kg
12h Output	: 3.31 kw (4.5 PS)
Maximum Output	: 3.64 kw (5.0 PS)
Rated Speed	: 2200 r/min
Purpose of use	: Nosimon, Pump, Sugar Can Juicer, Small Boat

### R 175 A CF

Model	: R175A CF
Category	: 6 HP
Type	: Horizontal 4 stroke
Cooling System	: Water Cooled
Starting Method	: Hand Starting
Net Weight	: 70 Kg
12h Output	: 4.41 kw (6.0 PS)
Maximum Output	: 4.85 kw (6.6 PS)
Rated Speed	: 2600 r/min
Purpose of use	: Nosimon, Pump, Small Generator, Sugar Can Juicer, Small Boat



## ACI DIESEL ENGINE

### ACI EM 185 NL

Model	: EMEI 185 NL
Category	: 8.5 HP
Type	: Horizontal 4 strokes, Single Cylinder
Cooling System	: Water Cooled/Condenser Type
Starting Method	: Hand Starting
Net Weight	: 95Kg
12h Output	: 5.88 kw ( 8.0 PS)
Maximum Output	: 6.47 kw ( 8.8 PS)
Rated Speed	: 2200 r/min
Capacity of Fuel Tank	: 8.5 L
Purpose of use	: Nosimon, Pump, Auto Van, Hand Power Tiller, Boat, Generator, Trolley.

### ACI EM 185

Model	: Z175F CD
Model	: EMEI 185
Category	: 8.5 HP
Type	: Horizontal 4 stroke
Cooling System	: Air Cooled
Starting Method	: Hand Starting
Net Weight	: 95Kg
12h Output	: 5.88 kw ( 8.0 PS)
Maximum Output	: 6.47 kw ( 8.8 PS)
Rated Speed	: 2200 r/min
Purpose of use	: Nosimon, Pump, Auto Van, Hand Power Tiller, Boat, Generator, Trolley.

### R185 NL

Model	: R185NL
Category	: 8.5 HP
Type	: Horizontal 4 stroke
Cooling System	: Water Cooled/Condenser Type
Starting Method	: Hand Starting
Net Weight	: 95Kg
12h Output	: 5.88 kw ( 8.0 PS)
Maximum Output	: 6.47 kw ( 8.8 PS)
Rated Speed	: 2200 r/min
Purpose of use	: Nosimon, Pump, Auto Van, Hand Power Tiller, Boat, Generator, Trolley.

### R 185 CF

Model	: R185 CF
Category	: 8.5 HP
Type	: Horizontal 4 strokes, Single Cylinder
Cooling System	: Water Cooled
Starting Method	: Hand Starting
Net Weight	: 95Kg
12h Output	: 5.88 kw ( 8.0 PS)
Maximum Output	: 6.47 kw ( 8.8 PS)
Rated Speed	: 2200 r/min
Capacity of Fuel Tank	: 8.5 L
Purpose of use	: Nosimon, Pump, Auto Van, Hand Power Tiller, Boat, Generator, Trolley.

## ACI DIESEL ENGINE

### R 180 CF

Model	: R180 CF
Category	: 8 HP
Type	: Horizontal 4 strokes, Single Cylinder
Cooling System	: Water Cooled
Starting Method	: Hand Starting
Net Weight	: 72Kg
12h Output	: 5.15 kw ( 7.0 PS)
Maximum Output	: 5.67 kw ( 7.7 PS)
Rated Speed	: 2600 r/min
Capacity of Fuel Tank	: 6.1 L
Purpose of use	: Irrigation and Transportation

### ACI EM 190

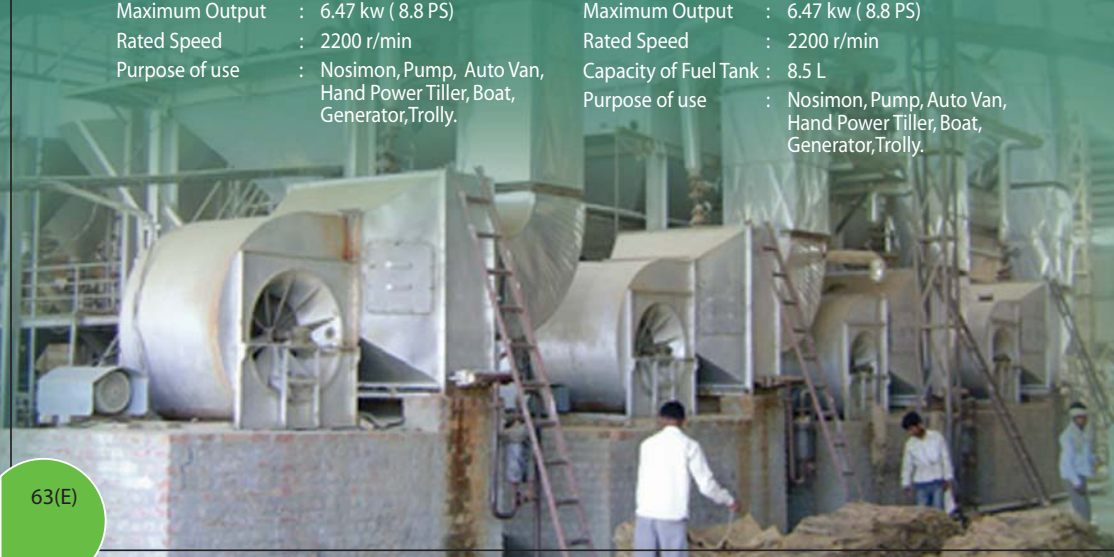
Model	: EMEI E190
Category	: 10 HP/ 10.5 HP
Type	: Horizontal 4 strokes, Single Cylinder
Cooling System	: Water Cooled
Starting Method	: hand starting
Net Weight	: 100Kg
12h Output	: 7.0 kw ( 9.5 PS)
Maximum Output	: 7.7kw ( 10.5 PS)
Rated Speed	: 2200 r/min
Purpose of use	: Irrigation and Transportation

### ACI EM 190 NL

Model	: EMEI 190NL
Category	: 10 HP
Type	: Horizontal 4 strokes, Single Cylinder
Cooling System	: Water Cooled/Condenser Type
Starting Method	: hand starting
Net Weight	: 100Kg
12h Output	: 7.0 kw ( 9.5 PS)
Maximum Output	: 7.7kw ( 10.5 PS)
Rated Speed	: 2200 r/min
Purpose of use	: Nosimon, Pump, Auto Van, Power Tiller, Hand Power Tiller, Boat, P over Thresher.

### S 195 DF

Model	: S195 DF
Category	: 12 HP
Type	: Single Cylinder, Horizontal 4 strokes
Cooling System	: Water Cooled
Starting Method	: hand starting
Net Weight	: 160Kg
12h Output	: 8.82 kw ( 12 PS)
Maximum Output	: 9.7 ( 13.2 PS)
Rated Speed	: 2200 r/min
Capacity of Oil tank	: 12 L
Purpose of use	: Irrigation and Transportation



## ACI DIESEL ENGINE

### S 195 GN

Model	: S195 GN
Category	: 12 HP
Type	: Single Cylinder, Horizontal 4 strokes
Cooling System	: Water Cooled
Light	: with Light
Starting Method	: hand starting
Net Weight	: 160Kg
12h Output	: 8.82 kw ( 12 PS)
Maximum Output	: 9.7 ( 13.2 PS)
Rated Speed	: 2200 r/min
Capacity of Oil tank	: 12 L
Purpose of use	: Nosimon, Pump, Auto Van, Power Tiller, Saw Mill, Irrigation, Cultivation, Trolley, Boat

### S 195L GN

Model	: S195L GN
Category	: 12 HP
Type	: Single Cylinder, Horizontal 4 strokes
Cooling System	: Water Cooled
Light	: with Light
Starting Method	: hand starting
Net Weight	: 160Kg
12h Output	: 8.82 kw ( 12 PS)
Maximum Output	: 9.7 ( 13.2 PS)
Rated Speed	: 2200 r/min
Capacity of Oil tank	: 12 L
Purpose of use	: Irrigation and Transportation

### S 195 NL GN

Model	: S195NLGN
Category	: 12 HP
Type	: Single Cylinder, Horizontal 4 strokes
Cooling System	: Water Cooled/Condenser Type
Light	: with Light
Starting Method	: hand starting
Net Weight	: 160Kg
12h Output	: 8.82 kw ( 12 PS)
Maximum Output	: 9.7 ( 13.2 PS)
Rated Speed	: 2200 r/min
Capacity of Oil tank	: 12 L
Purpose of use	: Nosimon, Pump, Auto Van, Power Tiller, Saw Mill, Irrigation, Cultivation,

### S195 NL DF

Model	: S195 NL (DF)
Category	: 12 HP
Type	: Single Cylinder, Horizontal 4 strokes
Cooling System	: Water Cooled/Condenser Type
Starting Method	: hand starting
Net Weight	: 160Kg
12h Output	: 8.82 kw ( 12 PS)
Maximum Output	: 9.7 ( 13.2 PS)
Rated Speed	: 2200 r/min
Capacity of Oil tank	: 12 L
Purpose of use	: Irrigation and Transportation

## ACI DIESEL ENGINE

### S 1100 GN

Model	: S1100 GN
Category	: 16 HP
Type	: Single Cylinder, Horizontal 4 strokes
Cooling System	: Water Cooled
Starting Method	: hand starting
Net Weight	: 165Kg
12h Output	: 11.03 kw ( 15 PS)
Maximum Output	: 12.13 ( 16.5 PS)
Rated Speed	: 2200 r/min
Capacity of Oil tank	: 12 L
Purpose of use	: Power Tiller, Saw Mill, Irrigation, Cultivation, Brick Field, Rice Mill, Pilling Machine, Trolley, Pump, Boat

### S 1100NL GN

Model	: S1100 NL GN
Category	: 16 HP
Type	: Single Cylinder, Horizontal 4 strokes
Cooling System	: Water Cooled/Condenser Type
Light	: with Light
Starting Method	: hand starting
Net Weight	: 165Kg
12h Output	: 11.03 kw ( 15 PS)
Maximum Output	: 12.13 ( 16.5 PS)
Rated Speed	: 2200 r/min
Capacity of Oil tank	: 16 L
Purpose of use	: Power Tiller, Saw Mill, Irrigation, Cultivation, Brick Field, Rice Mill, Pilling Machine, Trolley, Pump, Boat

### S 1100 DF

Model	: S1100 DF
Category	: 16 HP
Type	: Single Cylinder, Horizontal 4 strokes
Cooling System	: Water Cooled
Starting Method	: hand starting
Net Weight	: 165Kg
12h Output	: 11.03 kw ( 15 PS)
Maximum Output	: 12.13 ( 16.5 PS)
Rated Speed	: 2200 r/min
Capacity of Oil tank	: 16 L
Purpose of use	: Power Tiller, Saw Mill, Irrigation, Cultivation, Brick Field, Rice Mill, Pilling Machine, Trolley, Pump, Boat

### S 1100NL DF

Model	: S1100 NL (DF)
Category	: 16 HP
Type	: Single Cylinder, Horizontal 4 strokes
Cooling System	: Water Cooled/Condenser Type
Light	: with Light
Starting Method	: hand starting
Net Weight	: 165Kg
12h Output	: 11.03 kw ( 15 PS)
Maximum Output	: 12.13 ( 16.5 PS)
Rated Speed	: 2200 r/min
Capacity of Oil Tank	: 16 L
Purpose of use	: Power Tiller, Saw Mill, Irrigation, Cultivation, Brick Field, Rice Mill, Pilling Machine, Trolley, Pump, Boat



## ACI DIESEL ENGINE

### ZS 1110 GN

Model	: ZS1110 GN
Category	: 20 HP
Type	: Single Cylinder, Horizontal 4 strokes
Cooling System	: Water Cooled
Starting Method	: hand starting
Net Weight	: 200Kg
12h Output	: 13.24 kw ( 18 PS)
Maximum Output	: 14.56 ( 19.8 PS)
Rated Speed	: 2200 r/min
Purpose of use	: Generator, Saw Mill, Rice Mill, Wheat Mill, Cultivation, Brick Crusher Machine, Rice Mill, Pump, Nosimon, Troller

### ZS 1115 GN

Model	: ZS1115 GN
Category	: 25 HP
Type	: Single Cylinder, Horizontal 4 strokes
Cooling System	: Water Cooled
Starting Method	: Hand Cracking
Net Weight	: 205Kg
12h Output	: 14.71 kw ( 20 PS)
Maximum Output	: 16.17 ( 22 PS)
Rated Speed	: 2200 r/min
Purpose of use	: Generator, Saw Mill, Rice Mill, Wheat Mill, Cultivation, Brick Crusher Machine, Rice Mill, Troller

### ZS 1110 DF

Model	: ZS1110 DF
Category	: 20 HP
Type	: Horizontal 4 strokes, Single Cylinder
Cooling System	: Water Cooled
Starting Method	: Hand Starting
Net Weight	: 200Kg
12h Output	: 13.24 kw ( 18 PS)
Maximum Output	: 14.56 ( 19.8 PS)
Rated Speed	: 2200 r/min
Purpose of use	: Generator, Saw Mill, Rice Mill, Wheat Mill, Cultivation, Brick Crusher Machine, Rice Mill, Pump, Nosimon, Troller

### ZS 1115 DF

Model	: ZS1115 DF
Category	: 25 HP
Type	: Single Cylinder, Horizontal 4 strokes
Cooling System	: Water Cooled
Starting Method	: Hand Starting
Net Weight	: 205Kg
12h Output	: 14.71 kw ( 20 PS)
Maximum Output	: 16.17 ( 22 PS)
Rated Speed	: 2200 r/min
Purpose of use	: Generator, Saw Mill, Rice Mill, Wheat Mill, Cultivation, Brick Crusher Machine, Rice Mill, Troller

## ACI DIESEL ENGINE

### ZS 1125 GN

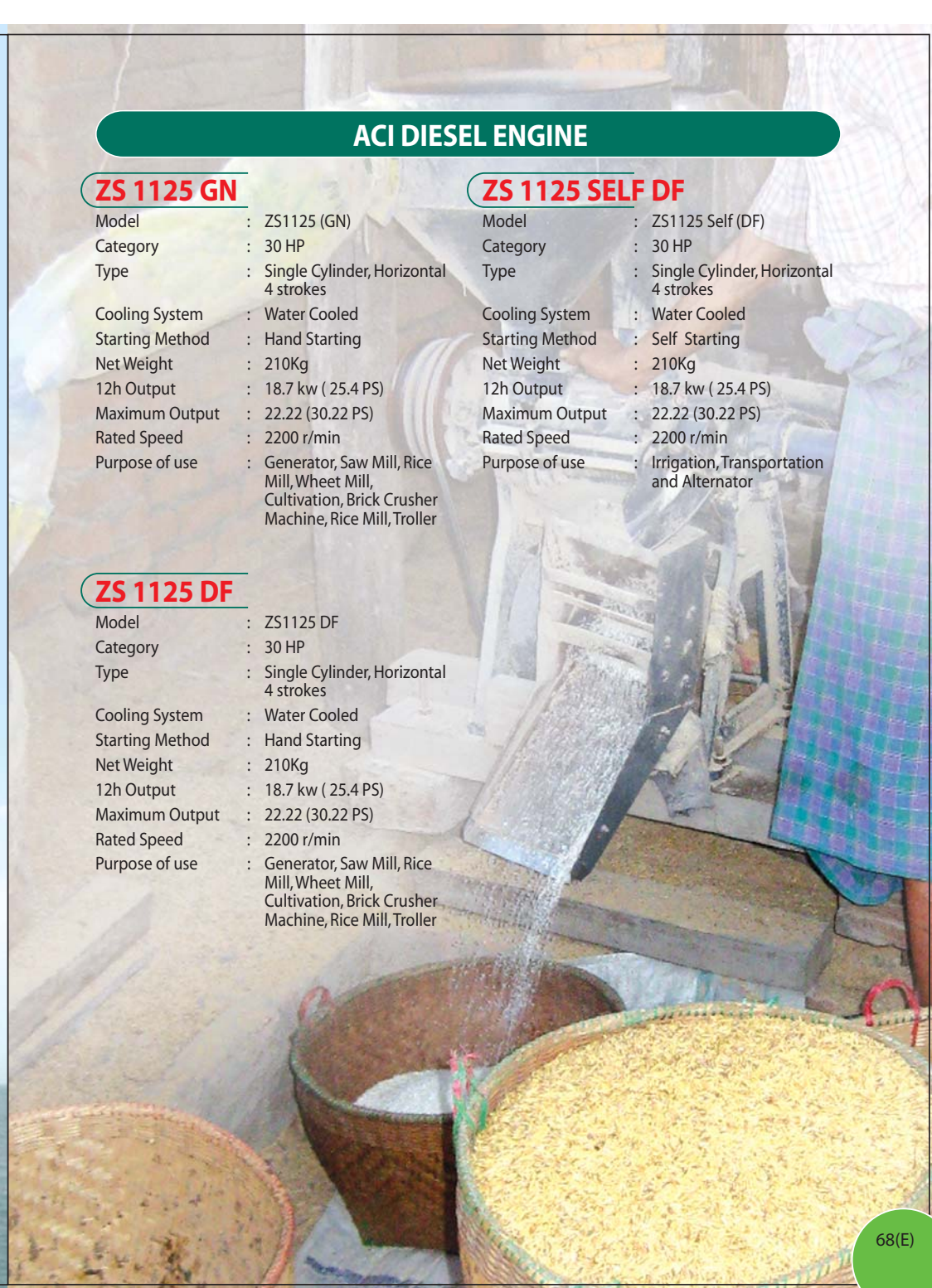
Model	: ZS1125 (GN)
Category	: 30 HP
Type	: Single Cylinder, Horizontal 4 strokes
Cooling System	: Water Cooled
Starting Method	: Hand Starting
Net Weight	: 210Kg
12h Output	: 18.7 kw ( 25.4 PS)
Maximum Output	: 22.22 (30.22 PS)
Rated Speed	: 2200 r/min
Purpose of use	: Generator, Saw Mill, Rice Mill, Wheat Mill, Cultivation, Brick Crusher Machine, Rice Mill, Troller

### ZS 1125 SELF DF

Model	: ZS1125 Self (DF)
Category	: 30 HP
Type	: Single Cylinder, Horizontal 4 strokes
Cooling System	: Water Cooled
Starting Method	: Self Starting
Net Weight	: 210Kg
12h Output	: 18.7 kw ( 25.4 PS)
Maximum Output	: 22.22 (30.22 PS)
Rated Speed	: 2200 r/min
Purpose of use	: Irrigation, Transportation and Alternator

### ZS 1125 DF

Model	: ZS1125 DF
Category	: 30 HP
Type	: Single Cylinder, Horizontal 4 strokes
Cooling System	: Water Cooled
Starting Method	: Hand Starting
Net Weight	: 210Kg
12h Output	: 18.7 kw ( 25.4 PS)
Maximum Output	: 22.22 (30.22 PS)
Rated Speed	: 2200 r/min
Purpose of use	: Generator, Saw Mill, Rice Mill, Wheat Mill, Cultivation, Brick Crusher Machine, Rice Mill, Troller





## DEADONG Combine Harvester

Model : DSC - 48

Engine : 4 Cylinders, Water Cooled,  
Micro Computer Inbuilt

### Special Feature

- Applicable for both rice and wheat harvesting
- Reaping, threshing and Packing done at a time in crop field
- Applicable for both dry and wet land
- Money and time saver for farmers
- Great support in the time of natural calamity
- Harvesting Capacity in 1 acre/hr

### Specifications

L x W x H	: 4340 x 1780 x 2270 mm
Weight	: 2180 kg
Engine Output	: 50 HP
Fuel	: Diesel
Reaping	: 4 r



## Daedong Rice Transplanter

Model : DP 480

### Special Feature

- Walking type transplanter
- Transplant 1 acre field by 1.25 hours
- Fuel consumption is very economic
- 20 trays are required to transplant 1 acre field

### Specifications

L x W x H	(2385 x 1530 x 870) mm
Engine	1 cylinder air cooled petrol engine
Starting system	Recoil starter
Engine power	3KW/1800
Transplanter rows	4 r

## Daedong Rice Transplanter

Model : S3 - 680 (Riding Type)

### Special Feature

- Riding type transplanter
- Transplant 1 acre field by 1 hours
- Fuel consumption is very economic
- It can transplant 6 rows at a time

### Specifications

L x W x H	(3120 x 2140 x 1655) mm
Engine	2 cylinder water cooled petrol engine
Starting system	Motor type
Engine power	10.5KW/3600
Transplanter rows	4 r



# Water Pump



## Peripheral pump

For Domestic & Industrial use

Model	Name of Pump & Motors	Phase	Power	KW	Suction Nozzle		Capacity			Best Efficiency		
					Inch	Inch	Suction Head Ft.	Delivery Head Ft.	Flow Q l/m	Suction Head Ft.	Delivery Head Ft.	Flow Q l/m
ACI-PKm-60	0.5 HP Peripheral Pump	Single	0.5 HP	0.37	1	1	26	5-108	40-2	15	30	28
ACI-PKm-100	1.0 HP Peripheral Pump	Single	1.0 HP	0.75	1	1	26	5-155	45-2	15	55	32



## Single Jet Pump

For Domestic Use

Model	Name of Pump & Motors	Phase	Power	KW	Suction Nozzle		Capacity			Best Efficiency		
					Inch	Inch	Suction Head Ft.	Delivery Head Ft.	Flow Q l/m	Suction Head Ft.	Delivery Head Ft.	Flow Q l/m
ACI-SJ-50m	0.5 HP Single Jet Pump	Single	0.5 HP	0.37	1	1	29	5-105	54-5	26	25	35
ACI-SJ-70M	0.7 HP Single Jet Pump	Single	0.7 HP	0.52	1	1	29	5-134	66-5	26	35	42
ACI-SJ-100M	1.0 HP Single Jet Pump	Single	1.0 HP	0.75	1	1	29	5-150	87-5	26	40	53
ACI-SJ-150M	1.5 HP Single Jet Pump	Single	1.5 HP	1.12	1.2	1	29	5-171	95-5	26	64	64
ACI-SJ-200M	2.0 HP Single Jet Pump	Single	2.0 HP	1.49	1.2	1	29	5-190	96-5	26	75	65



## Centrifugal Pump

For Domestic & Industrial Use

Model	Name of Pump & Motors	Phase	Power	KW	Suction Nozzle		Capacity			Best Efficiency		
					Inch	Inch	Suction Head Ft.	Delivery Head Ft.	Flow Q l/m	Suction Head Ft.	Delivery Head Ft.	Flow Q l/m
ACI-CP-100S	1.0 HP Centrifugal Pump	Single	1.0 HP	0.75	1	1	24	5-105	105-10	14	46	63
ACI-CP-150S	1.5 HP Centrifugal Pump	Single	1.5 HP	1.12	1.2	1	24	5-164	120-10	14	77	80
ACI-CP-200S	2.0 HP Centrifugal Pump	Single	2.0 HP	1.49	1.5	1	24	5-185	125-10	14	107	83
ACI-CP-300S	3.0 HP Centrifugal Pump	Single	3.0 HP	2.24	1.5	1	24	5-195	133-10	14	135	115



## Double Jet Pump

For Domestic Use

Model	Name of Pump & Motors	Phase	Power	KW	Suction Nozzle		Capacity			Best Efficiency		
					Inch	Inch	Suction Head Ft.	Delivery Head Ft.	Flow Q l/m	Suction Head Ft.	Delivery Head Ft.	Flow Q l/m
ACI-DJm-1A-2"	1.0 HP Double Jet Pump	Single	1.0 HP	0.75	1.2	1	130	5-145	40-5	40	47	26



## Centrifugal Pump

For Irrigation of Agricultural Use

Model	Name of Pump & Motors	Phase	Power	KW	Suction Nozzle		Capacity			Best Efficiency		
					Inch	Inch	Suction Head Ft.	Delivery Head Ft.	Flow Q l/m	Suction Head Ft.	Delivery Head Ft.	Flow Q l/m
ACI-AGm-1A	1.0 HP Agricultural pump 1.5"	Single	1.0 HP	0.75	1.5	1.5	23	2-63	320-30	16	35	200
ACI-AGm-1B	1.0 HP Agricultural pump 2"	Single	1.0 HP	0.75	2	2	23	2-44	410-40	16	20	300
ACI-AGm-6C	1.5 HP Agricultural pump 3"	Single	1.5 HP	1.12	3	3	23	2-34	1000-60	16	15	700
ACI-AGm-6B	2.0 HP Agricultural pump 2"	Single	2.0 HP	1.49	2	2	23	2-65	650-40	16	20	400
ACI-AGm-6A	2.0 HP Agricultural pump 3"	Single	2.0 HP	1.49	3	3	23	2-45	1100-60	16	15	800
ACI-AGm-6R	3.0 HP Agricultural pump 4"	Single	3.0 HP	2.24	4	4	23	2-59	1200-190	16	15	900
ACI-AGm-6RF	3.0 HP Agricultural pump 4"	Single	3.0 HP	2.24	4	4	23	2-60	1200-190	16	15	900
ACI-AGm-7R	4.0 HP Agricultural pump 4"	Single	4.0 HP	2.98	4	4	23	2-65	1400-190	16	18	1000
ACI-AGm-7RF	4.0 HP Agricultural pump 4"	Single	4.0 HP	2.98	4	4	23	2-65	1400-190	16	18	1000
ACI-AGm-8R	5.0 HP Agricultural pump 4"	Single	5.0 HP	3.73	4	4	23	2-70	1700-190	16	20	1100
ACI-AGm-8RF	5.0 HP Agricultural pump 4"	Single	5.0 HP	3.73	4	4	23	2-70	1700-190	16	20	1100



## Submersible Pump

For Domestic, Agricultural & Industrial Use

Model	Name of Pump & Motors	Phase	Power	KW	Suction Nozzle		Capacity			Best Efficiency		
					Inch	Inch	Suction Head Ft.	Delivery Head Ft.	Flow Q l/m	Suction Head Ft.	Delivery Head Ft.	Flow Q l/m
ACI-3Sm-0.5-2/15	0.5 HP 1.2" Submersible Pump	Single	0.5 HP	0.37	3	1	0	5-190	45-5	0	100	40
ACI-3Sm-0.7-2/22	0.7 HP 1.2" Submersible Pump	Single	0.7 HP	0.52	3	1	0	5-190	45-5	0	100	40
ACI-3Sm-1.0-2/32	1.0 HP 1.2" Submersible Pump	Single	1.0 HP	0.75	3	1.2	0	5-370	52-5	0	180	43
ACI-3Sm-1.5-2/36	1.5 HP 1.2" Submersible Pump	Single	1.5 HP	1.12	3	1.2	0	5-505	55-5	0	260	45
ACI-4Sm-1.0-2/1	1.0 HP 1" Submersible Pump	Single	1.0 HP	0.75	4	1	0	5-195	45-5	0	85	35
ACI-4Sm-1.0-3/13	1.0 HP 1.2" Submersible Pump	Single	1.0 HP	0.75	4	1.2	0	5-285	80-5	0	130	70
ACI-4Sm-1.0-4/11	1.0 HP 1.5" Submersible Pump	Single	1.0 HP	0.75	4	1.5	0	5-235	100-5	0	150	85
ACI-4Sm-1.0-8/8	1.0 HP 2" Submersible Pump	Single	1.0 HP	0.75	4	2	0	5-145	180-5	0	95	130
ACI-4Sm-1.5-3/18	1.5 HP 1.2" Submersible Pump	Single	1.5 HP	1.12	4	1.2	0	5-400	80-5	0	230	55
ACI-4Sm-1.5-4/15	1.5 HP 1.5" Submersible Pump	Single	1.5 HP	1.12	1	1.5	0	5-330	100-5	0	185	80
ACI-4Sm-1.5-8/10	1.5 HP 2" Submersible Pump	Single	1.5 HP	1.12	4	2	0	5-190	180-5	0	100	145
ACI-4Sm-2.0-3/23	2.0 HP 1.2" Submersible Pump	Single	2.0 HP	1.49	4	1.2	0	5-520	80-5	0	250	70
ACI-4Sm-2.0-4/19	2.0 HP 1.5" Submersible Pump	Single	2.0 HP	1.49	4	1.5	0	5-410	100-5	0	240	75
ACI-4Sm-2.0-8/13	2.0 HP 2" Submersible Pump	Single	2.0 HP	1.49	4	2.0	0	5-250	180-5	0	130	150
ACI-4Sm-3.0-3/27	3.0 HP 1.2" Submersible Pump	Single	3.0 HP	2.24	4	1.2	0	5-605	80-5	0	280	70
ACI-4Sm-3.0-4/23	3.0 HP 1.5" Submersible Pump	Single	3.0 HP	2.24	4	1.5	0	5-515	100-5	0	255	85
ACI-4Sm-3.0-8/16	3.0 HP 2" Submersible Pump	Single	3.0 HP	2.24	4	2	0	5-310	180-5	0	160	165
ACI-6Sm-5.0-8/20	5.0 HP 3" Submersible Pump	Single	5.0 HP	3.73	4	3	0	5-280	280-5	0	145	310

## ACI Hand Power Tiller

### SPECIAL FEATURES

- High Efficiency
- Utilizable in marshy lands
- Body made with high class M.S. sheet
- Strong and long-lasting wheel
- Japanese World Class NSK Bearings used
- Anti-corrosive colors are used in wheel and gear box
- ACI Diesel Engine ensures the best performance

### SPECIFICATIONS

Tillage Capacity	3-4 acre per day
Engine Model	ACI Diesel Engine, EM-185 or EM-185NL
Rated Engine Power	8.5 HP
Rated Engine Speed	2200 rpm
Weight	275 kg
Land Clearance	9 cm



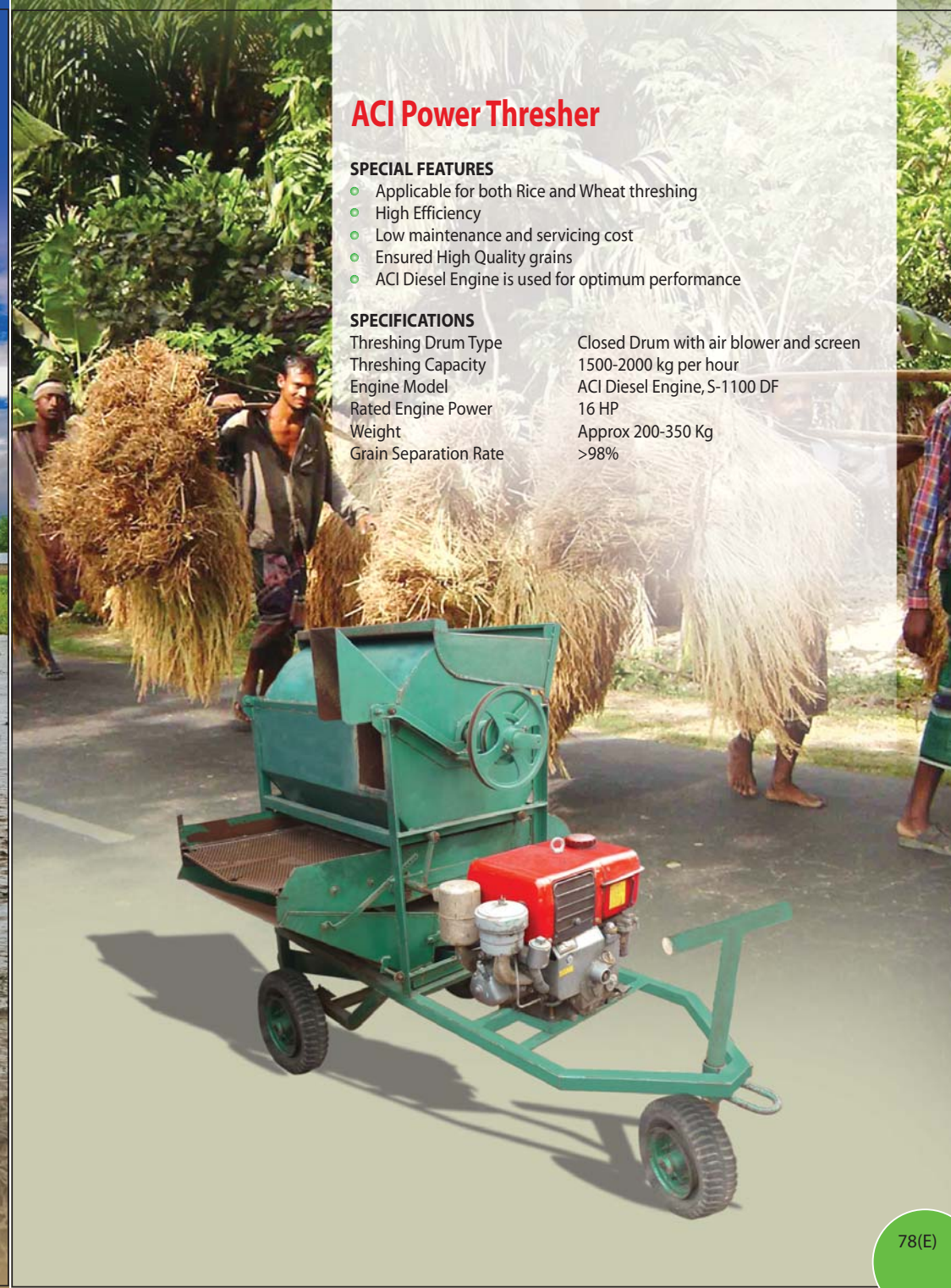
## ACI Power Thresher

### SPECIAL FEATURES

- Applicable for both Rice and Wheat threshing
- High Efficiency
- Low maintenance and servicing cost
- Ensured High Quality grains
- ACI Diesel Engine is used for optimum performance

### SPECIFICATIONS

Threshing Drum Type	Closed Drum with air blower and screen
Threshing Capacity	1500-2000 kg per hour
Engine Model	ACI Diesel Engine, S-1100 DF
Rated Engine Power	16 HP
Weight	Approx 200-350 Kg
Grain Separation Rate	>98%



## ACI Centrifugal Pump

### SPECIAL FEATURES

- High Performance
- Better Casting Quality
- High Quality Alloy Impeller
- Better Quality Bearing
- Rubber Gaskets for Long-lasting
- Available in several models: 2.5"X2.5" Scott, 3"X3", 3"X4", 4"X4" etc.
- ACI Diesel Engine to ensure maximum output

### SPECIFICATIONS

Pump Type	Single stage, single entry, back pull out design, bear shaft Centrifugal Pump
Net Weight	12-25 kg (approx)
Engine	ACI Diesel Engine, 4-12 HP
Pump Coupling	Quick attachment coupling on pump inlet and outlet
Flow Rate	Approx 840 lit/min at 8m head
Maximum Head	12 m
Pump Speed	1500 rpm (approx.)

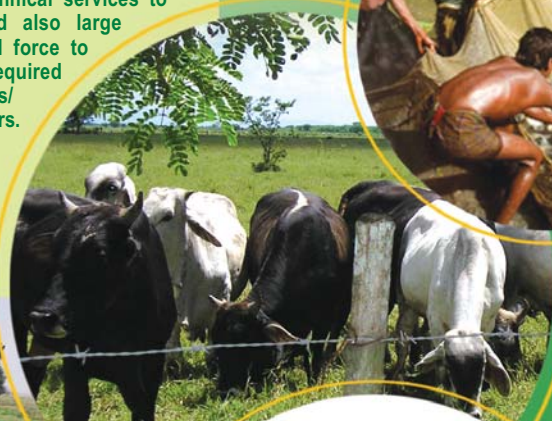
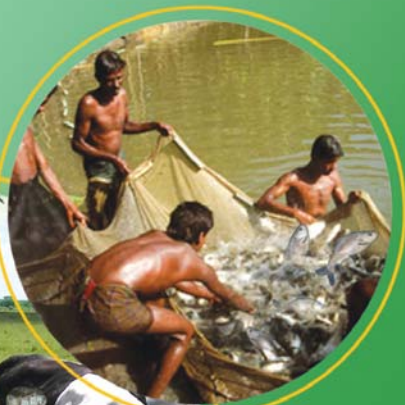


We are offering a diverse range of products and services to enhance the production of animal and fish protein that can ultimately help the nation to bring down the gap between demand and supply of protein in the country.

We are manufacturing products in our own plant at Narayangonj and we also import poultry vaccines from Ceva Sante Animale (France), vitamins & premixes from Invesa International S.A. (Spain) and herbal products from Ayurved (India). We have a good number of veterinary professionals who provide technical services to the farmers and also large numbers of field force to provide other required services to traders/chemists & farmers.

## **ACI Livestock & Fisheries**

(Deals with Livestock and Fisheries products)





## Dairy products

### Anthelmintics



Trade Name	Pack size	Composition	Major Indications
<b>Endokill Bolus</b>	8x5's	Each bolus contains: Albendazole USP 600 mg.	All types of round worm, Fluke, Lungs worm etc.
<b>Acinex (vet) Bolus</b>	5x4's	Each bolus contains: Triclabendazole INN 900 mg	Immature and mature liver fluke.
<b>Antiworm (vet) Bolus</b>	5x4's	Each bolus contains: Triclabendazole INN 900 mg Levamisole BP 600 mg.	Broad spectrum anthelmintic acts against all types of round worm and fluke.
<b>Acimec 1% (vet) Injection</b>	5 ml & 25 ml vial	Each ml Contains: Ivermectin BP 10 mg	Ecto and Endo Parasites
<b>Nitroxynil Injection</b>	10 ml & 25 ml vial	Each ml Contains: Nitroxynil BP 250 mg	For the treatment of acute and chronic fascioliasis and certain round worm infestation in Cattle, Buffaloes, Sheep and Goat



## Antibiotics

### Acipiline Injection

**Pack size** - 2 gm vial with 10 cc pyrogen free water.

**Composition** - Each 2 gm vial contains: Ampicilline sodium BP 2000 mg.

**Major Indications** - Mastitis, Navel ill, Black quarter, Anthrax, Enteritis, Metritis, Pneumonia, Foot rot etc.

### Penbacillin Injection

**Pack size** - 40 lacs vial with 10 cc pyrogen free water.

**Composition** - Each vial contains: Procaine penicillin G sodium 30 lac IU, Penicillin G sodium BP 10 lac IU

**Major Indications** - Anthrax, Black Quarter, Pneumonia, Arthritis, Foot rot, Navel ill, Mastitis, Metritis etc.

### Acigent-10 (vet) Injection

**Pack size** - 10x10 ml & 100 ml vial

**Composition** - Each ml contains: Gentamicin sulfate BP 100 mg.

**Major Indications** - Mastitis, Hemorrhagic septicemia, Pyometra, Respiratory & urinary system infection, Salmonellosis etc.

### Strepto-P Injection

**Pack size** - 2.5 gm & 0.5 gm vial

**Composition** - Each 2.5 gm vial contains: Procaine penicillin BP 15 lacs Unit, Benzyl penicillin sodium 5 lacs Unit, Streptomycin BP2500mg.

**Major Indications** - Pneumonia, Hemorrhagic septicemia, Bronchitis, Calf scour, Metritis, Foot rot, Joint ill etc.

### Salidone Injection

**Pack size** - 25 ml & 100 ml vial

**Composition** - Each ml contains: Sulfadimidine sodium BP 333 mg.

**Major Indications** - Hemorrhagic Septicemia, Anthrax, Black Quarter, Pneumonia, Navel ill, Mastitis, Abscess, Calf scour etc.



## Tmprin-S bolus

**Pack size** - 5x4's

**Composition** - Each bolus contains: Sulfadiazine BP 1000 mg,

Trimethoprim BP 200 mg.

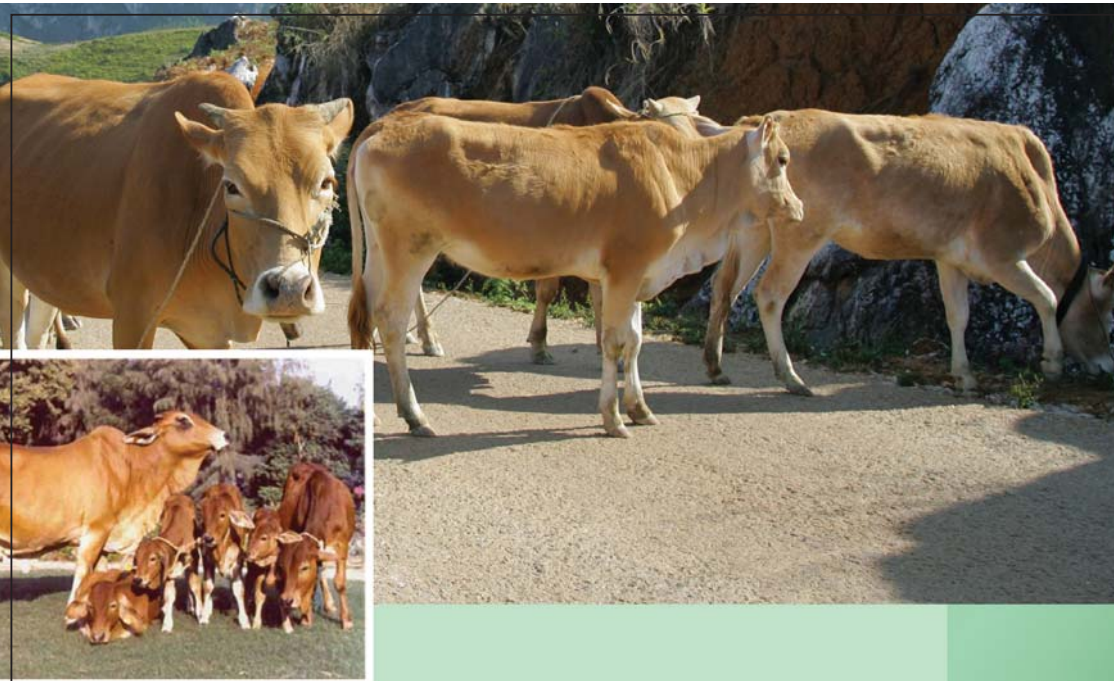
**Major Indications** - Pneumonia, Calf Diphtheria, Dysentery, Enteritis, Metritis, Salmonellosis etc.

## Diatrim bolus

**Pack size** - 5x4's

**Composition** - Each bolus contains: Sulfadiazine BP 1.583 gm Sulfadimidine BP 1.583 gm, Sulfapyridine BP 1.583 gm, Streptomycin sulfate BP 0.3132 g

**Major Indications** - Diarrhea, Pneumonia, Calf Diphtheria, Dysentery, Enteritis, Metritis, Salmonellosis etc.



## Vitamin, Mineral & Amino Acid

Trade Name	Pack size	Composition	Major Indications
<b>Calfostonic powder</b>	100 gm, 500 gm sachet & 1 kg bucket	Vitamin, Mineral, Amino Acid and Appetizer	Increase meat & milk production, Increase growth, Increase fertility rate etc.
<b>Ayumin powder</b>	1 kg Plastic pot & 10 kg bag.	Mineral and Herbs.	Increase growth rate and meat production. To increase milk production and fertility.
<b>Acivit-ADE (Vet) Injection</b>	10 ml & 100 ml vial	Each ml contains: Vitamin A BP 500,000 IU Vitamin D3 BP 75,00 IU Vitamin E Acetate 50 mg	Increase resistance to microbial infections and parasitic infestation, male & female dietary sterility, weakness, bone calcium deficiency etc.
<b>Acitol-B<sub>12</sub> (vet) Injection</b>	10 ml & 100 ml vial	Each ml Contains: Toldimfos sodium 200mg Cyanocobalamin 50mcg	Metabolic & nutritional disorder, lactation tetany, weakness, post parturient paresis, anemia, infertility etc.

## Vitamin, Mineral & Amino Acid

Trade Name	Pack size	Composition	Major Indications
<b>Calcivit-Plus Injection</b>	100 ml vial	Each 100 ml contains: Calcium gluconate BP 20.8 gm, Boric acid BP 4.2 gm, Magnesium hypophosphite 5 gm, Dextrose monohydrate BP 22 gm	Milk fever, Hypocalcaemia, Muscular weakness and Ketosis.  Animals: Fattening, Muscular weekness, Metabolic disorders, Anemia, tetany & Peresis, Infertility.
<b>Catopan (vet) Injection</b>	10 ml & 100 ml vial.	Each ml contains: Butaphosphan INN 100 mg Cyanocobalamin 0.05 mg	Poultry: Inerease growth & egg production. Boost resistance in stress condition, prevention of cannibalism.

## Appetizer

Trade Name	Pack size	Composition	Major Indications
<b>Digimix powder</b>	10x20 gm pack	Each 100 gm contains: Ammonium bicarbonate BP 25 gm, Nuxvomica BP 7 gm, Sodium bicarbonate BP 65.5 gm, Gentian powder BP 1.5 gm, Zinger powder BP 1.0 gm	Indigestion, Impaction, Inappetence, Ruminal tympani etc.
<b>Hozom (vet) Tablet</b>	10x4's	Each tablet contains: Cobalt Sulphate BP 50 mg, Dried Ferrous Sulphate BP 100 mg, Thiamine Mononitrate BP 25 mg, Cyanocobalamin (Vitamin B <sub>12</sub> ) BP 20 mg, Choline Bitartrate USP 9.1 mg	For anorexia of animals caused by various diseases or nutritional deficiency

## Anti-histaminic

Trade Name	Pack size	Composition	Major Indications
<b>Hista-Vet injection</b>	10x10 ml & 100 ml vial	Each 10 ml contains: Pheniramine maleate 227.5 mg.	Skin infection, articularia, allergy, rhinitis, Pulmonary edema, drug allergy etc.

## Analgesic & Antipyretic

Trade Name	Pack size	Composition	Major Indications
<b>Fevasole injection</b>	10x10 ml vial & 100 ml vial	Each ml contains: Metamisole INN 500 mg	Arthritis, ephemeral fever, laminitis, traumatic infection, pain, fever etc.

## Aqua products

### MEGAZEO PLUS

#### Composition

Each 100 gm contains- SiO<sub>2</sub>-54 gm, Al<sub>2</sub>O<sub>3</sub>-18.05 gm, Fe<sub>2</sub>O<sub>3</sub>-1.43 gm, CaO-8.26 gm, MgO-3.48 gm, Na<sub>2</sub>O-2.80 gm, TiO<sub>2</sub>-1.47 gm, MnO<sub>2</sub>-0.45 gm, K<sub>2</sub>O-1.30 gm, P<sub>2</sub>O<sub>5</sub>-0.30 gm

#### Indications

MEGAZEO PLUS is indicated to improve water quality, reduce ammonia, nitrite, hydrogen sulfide and other toxic gas, control water PH.

### BIO-OX

#### Composition

Na<sub>2</sub>CO<sub>3</sub>-83%, H<sub>2</sub>O<sub>2</sub>-17%

#### Indications

Rapidly release oxygen into the pond, control growth rate of phytoplankton, deteriorate spore of parasite

### AQUAMIN

#### Composition

Each kg contain-Copper-0.312 gm, Cobalt-0.045 gm, Magnesium-2.114 gm, Iron-0.979 gm, Zinc-2.13 gm, Iodine-0.156 gm, D.L-Methionine-1.92 gm, L-Lysine Mono-Hydrochloride-4.4 gm, Calcium-300 gm, Phosphorus-82.5 gm and Herbs

#### Indications

Improves reproductive efficiency of brood fish and helps to produce natural feed for fish and shrimp in waterbody

### AQUROTE GOLD

#### Composition

Rotenone 9%

#### Indications

It is indicated to control Predator and unwanted fish

### AQUA PHOTO

#### Composition

Rhodospseudomonas sp+ Bacillus subtilis 1.0 x 10<sup>9</sup> CFU/ml

#### Indications

Improve water hardness, turbidity, reduce toxic gas, prevent diseases, save cost to change water in the shrimp pond, improve growth rate and immunity of fish and shrimp



# Vaccines

## Cevac IBD L

### Type

Intermediate plus

### Composition

Cevac IBD L contains the Winterfield 2512 G-61 strain of Infectious Bursal Disease Virus in live, freeze dried form.

### Indications

For the active immunization of healthy chicken against Gumboro Disease caused by very virulent strains of Infectious Bursal Disease Virus.

Method of application: Eye drop/ spray/ Drinking water

### Storage

Between 2° C and 8° C, protected from light. Do not freeze.

### Presentation

1000 dose & 500 dose vials.



## Cevac Gumbo L

### Type

Intermediate

### Composition

Cevac Gumbo L contains the LIBDV strain of Infectious Bursal Disease virus (Gumboro Disease).

### Indications

For the active immunization of healthy chicken against Gumboro Disease caused by virulent strains of Infectious Bursal Disease Virus.

Method of application: Eye drop/spray/ Drinking water

### Storage

Between 2° C and 8° C, protected from light. Do not freeze.

### Presentation

1000 dose & 500 dose vials.



## Cevac BI L

### Composition

Cevac BI L contains the Massachusetts B 48 strain of Infectious Bronchitis virus and the Hitchner B1 strain of Newcastle Disease virus in live, freeze dried form.

### Indications

For the active immunization of healthy chicken against Infectious Bronchitis and Newcastle Disease. This vaccine may be used for initial or re-vaccination of broiler, pullets, hens and breeders.

### Administration and Dosage

Primary vaccination should be carried out with Cevac BI L by eye drop/ spray method, as from 1 to 4 days of age. Booster vaccination is recommended three to four weeks later by spray or drinking water method. For pullets, a second booster is recommended at 10 to 13 weeks of age.

### Storage

Between 2° C and 8° C, protected from light. Do not freeze.

### Presentation

1000 dose and 500 dose vials

## Cevac New L

### Composition

Cevac New L contains the La Sota strain of Newcastle Disease Virus in live, freeze dried form.

### Indications

For the active immunization of healthy chickens against Newcastle disease.

### Administration and Dosage

Vaccination	Days/weeks	Method
Primary	1-4 days	Eye drop/ spray
Booster	3 to 4 weeks	Eye drop/ spray
2nd Booster for Pullet	10 to 12 weeks	Drinking water

### Storage

Between 2° C and 8° C, protected from light. Do not freeze.

### Presentation

1000 dose and 500 dose vials



### Cevac Corymune 4K

**Strain**  
Coryza ABC & Salmonella Enteritidis  
**Indications**  
prevention of Coryza & Salmonellosis for Poultry  
**Pack Size**  
1000 ds

### Cevac Corymune 7K

**Strain**  
Coryza ABC , Salmonella Enteritidis, La Sota of ND + M 41 of IB & B8/D78 of EDS  
**Indications**  
prevention of Coryza & Salmonellosis, Newcastle Disease, Infectious Bronchitis, Egg drop Syndrome for Poultry  
**Pack Size**  
1000 ds

### Poximune

**Strain**  
FPV  
**Indications**  
prevention of Fowl pox for Poultry  
**Pack Size**  
1000 ds

### Poximune AE

**Strain**  
FPV & Encephalomyelitis  
**Indications**  
prevention of Fowl pox & Avian Encephalomyelitis for Poultry  
**Pack Size**  
1000 ds

### Vectormune FP-MG

**Strain**  
Fowl Pox & Mycoplasma gallisepticum  
**Indications**  
prevention of Fowl pox & Mycoplasmosis for Poultry  
**Pack Size**  
1000 ds



## Repromune 4

### Strain

LIBDV,ND virus, IB(H52& mass M41) & reo-S1133 and 2408.

### Indications

prevention of Infectious Bursal disease, Newcastle Disease, Infectious Bronchitis, & Reo disease for Poultry

### Pack Size

1000 ds

## Bursimune

### Strain

LIBDV

### Indications

prevention of Infectious Bursal disease for poultry

### Pack Size

1000 ds

## Layermune SE

### Strain

Salmonella Enteritidis

### Indications

prevention of Salmonellosis for Poultry

### Pack Size

1000 ds

## Reomune-3

### Strain

Reo-S1133, 2408 and SS412.

### Indications

prevention of Reo disease for Poultry

### Pack Size

1000 ds

## Multimune K5

### Strain

Pasteurella multocida Bacterin,

### Indications

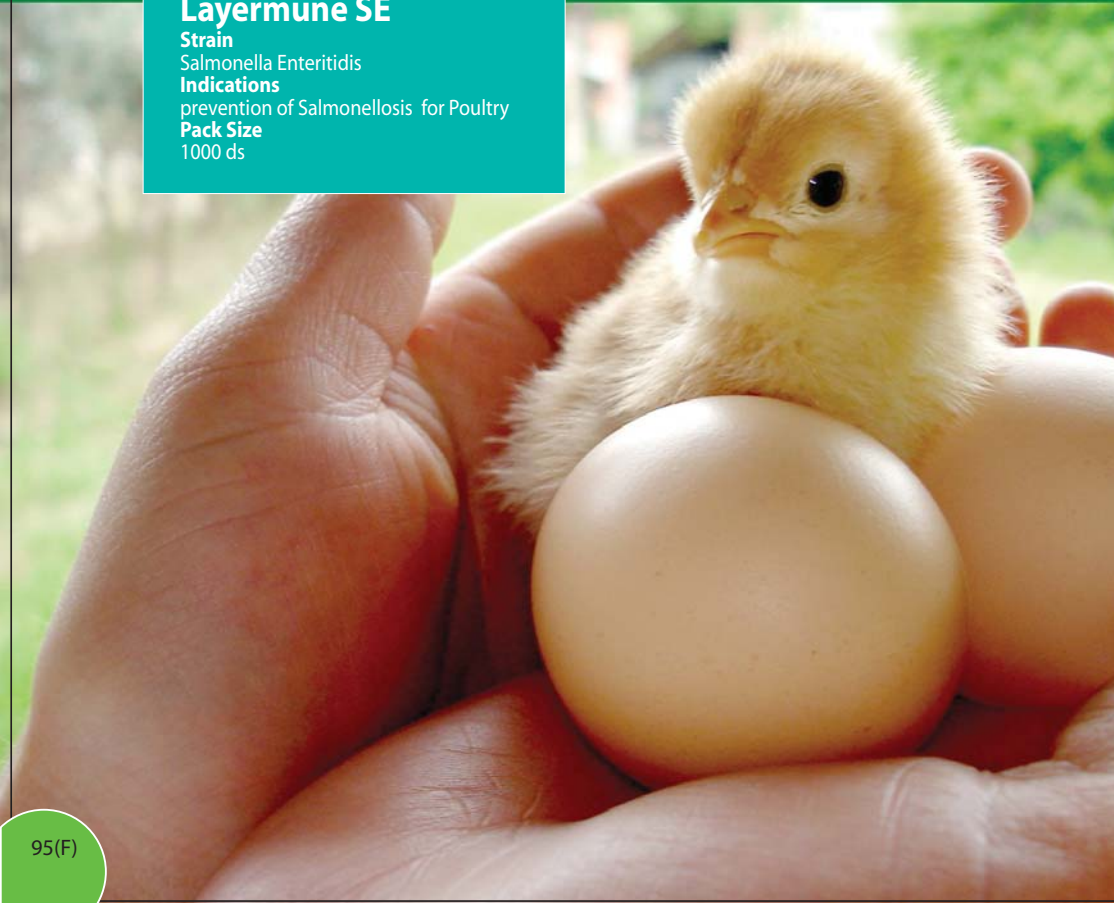
prevention of Fowl Cholera for Poultry

### Pack Size

1000 ds

## Poultry products

Trade Name	Composition	Indications
<b>ACILYTE</b> Powder Vet	Each 125 gm powder contain- Sodium Chloride BP-26.081 gm, Sodium Bicarbonate BP- 62.521 gm, Potassium Chloride BP- 6.268 gm, Dextrose Anhydrous BP-21.8042 gm, Vitamin A Acetate Ph. Grade 0.50 gm.	<b>ACILYTE®</b> Powder Vet is indicated to maintain electrolyte balance, heat stress, body fluid, dehydration etc. Its helps to improved FCR, Enzyme activity. Its also to reduce chick motility.
<b>ERYVET</b> Powder	Each gm contains- Erythromycin Thiocyanate INN 180 mg, Sulfadiazine Sodium USP 150 mg (Eqv to 15.0 gm Sulfadiazine), Trimethoprim USP 30 mg	Eryvet is indicated for the prevention & treatment of Mycoplasma, C.R.D, Infectious coryza, coli septicemia, pullorum diseases, enteritis, fowl typhoid, Bronchopneumonia, Fowl Cholera etc.
<b>Acimox (vet)</b> Powder	Amoxicillin Trihydrate BP 30%	Effective against a wide range of Gram positive and Gram-negative bacteria that is essential for the treatment of pullorum disease, CRD, Diarrhoea, Dysentery, Fowl Cholera, Secondary infection of New Castle Disease for poultry.





Trade Name	Composition	Indications
<b>Acivet-Cipro Oral Solution</b>	Ciprofloxacin HCl USP 10%	Acivet-cipro is a broad spectrum antibiotics which is active against Gram positive & Gram negative bacteria. It is widely used for the treatment of chronic respiratory disease (CRD), colibacillosis, Salmonellosis, Pasteurellosis, streptococcosis, staphylococcosis, infectious coryza, pseudomonas, necrotic enteritis, shigellosis, campylobacteriosis.
<b>Anti-Dox Powder</b>	Doxycycline Hydrochlorid BP 10%	broad spectrum, bacteriostatic antibiotic that is essential for the treatment of pullorum disease, CRD, Diarrhoea, Dysentery, Fowl Cholera, Secondary infection of New Castle Disease for poultry. Anti-Dox Powder is also used for Mastitis, Haemorrhagic Septicaemia, Skin disease, Anthrax and other bacterial disease of large animal.
<b>Bactitab tablet</b>	Oxytetracycline HCl BP (each tablet contains 500 mg)	Bactitab is a broad spectrum antibiotic effective against E coli & Salmonella Infection, Hemorrhagic Septicemia, Infectious Coryza, CRD, Mycoplasmosis, Airsaculitis, Infectious Synovitis, Necrotic Enteritis, Pullorum Diseases, Salmonellosis.

Trade Name	Composition	Indications
<b>Bactitab Powder</b>	Oxytetracycline HCl BP 20%	Bactitab is a broad spectrum antibiotic effective against E coli & Salmonella Infection, Hemorrhagic Septicemia, Infectious Coryza, CRD, Mycoplasmosis, Airsaculitis, Infectious Synovitis, Necrotic Enteritis, Pullorum Diseases, Salmonellosis.
<b>Tylotar (vet) Powder</b>	Each gm contains-Tylosin 200 mg (as tartrate BP)	Tylotar Powder is used against Gram Positive & Gram Negative Bacteria, Mycoplasma, Rickettsiae. Prevention & Control of Infections with Borrelia anserina, respiratory disease like Mycoplasmosis, CRD, Sinusitis, air saculitis, enzootic pneumonia, enteritis, Gastro-enteritis
<b>G-Enro (Vet) Oral Solution</b>	Each ml oral solution contains - Enrofloxacin INN 100 mg	Act on most of the Bacterial and Mycoplasmal diseases of Poultry like Chronic Respiratory Disease (CRD), Mycoplasmosis, Salmonellosis, Colibacillosis, Fowl Cholera, Paratyphoid, Infectious Coryza, Necrotic enteritis etc and secondary infection of Viral diseases.



Trade Name	Composition	Indications
<b>Cocci-K Powder</b>	Each 100 gm contains- Sulphadimethoxine sodium BP 2 gm, Sulphadimidin sodium BP 20 gm, Diaverdine BP 3 gm, Nicotinamide BP 3 gm, Vitamin K3 BP 2 gm	Cocci-K powder prevent & Control of Coccidiosis
<b>Calvet-P Powder</b>	Each gm contains Calcium Hydrogen Phosphate- 131.80mg, Calcium Carbonate- 53 mg, Vit B12 -15 mic g, Ascorbic acid-10 mg, VitaminD3- 500 IU, Citricacid- 30 mg, Lactose- 400 mg, Sucrose- g.s 1000 mg	It is used mainly in Indicated for the treatment and Prevention of calcium, phosphorus, Vit D3, Vit c & carbohydrate deficiency diseases - Rickets, osteoporosis, osteomalacia, rubbery beak, Calcium tetany, cage layer fatigue, soft & thin egg shell as well as formation of bone, in livestock, poultry & fishes
<b>Ascarex Powder</b>	Piperazine Citrate 100%	Broad spectrum anthelmintic for poultry

Trade Name	Composition	Indications
<b>FLUMIVET Powder Vet</b>	Each gm contains: Flumequine BP 200 mg.	Flumivet is indicated for the prevention & treatment of digestive and respiratory diseases, like Mycoplasma, C.R.D, Infectious coriza, coli septicemia, pullorum diseases, salmonellasis ,Pasturellosis, enteritis, fowl typhoid, Bronchopneumonia, Fowl Cholera etc.
<b>Acivet C Powder (vet)</b>	Each gm Contains: Ascorbic acid 1000 mg	It plays a vital role to heal the damaged tissue i.e. scar tissue formation Acivit C remove the deficiency symptoms of vitamin C It is the major water soluble anti-oxidant It helps in collagen formation
<b>ACIVIT-B<sub>1</sub>B<sub>2</sub>B<sub>6</sub> Powder(vet)</b>	Each kg Contains: Thiamin Hydrochloride BP (B1) - 60 gm, Riboflavin BP (B2) - 11 gm, Pyridoxine Hydrochloride BP(B6) - 6.1gm	Thiamin Hydrochloride (B1) Carbohydrate metabolism, Fat absorption, To Perform enzyme activity Riboflavin (B2), Act as a coenzyme for metabolism of protein, Fat and nucleic acid Pyridoxine Hydrochloride (B6), Plays a central role in Protein, Fat & Carbohydrate metabolism, Also metabolism of various minerals.



# Cropex

(Deals with Commodity Exchange Programme)

Aci Cropex is a remarkable addition for the agricultural advancement in the country. The project assists the farmers in various ways:

- Exchanging their crops at the time of their necessity
- Providing them with technological assistance and advisory services.

ACI Cropex division has commenced its business with an aim to preserve and exchange crops like potato, wheat, mustard, pulses, chili, turmeric and coriander.

The business also intends to produce various agricultural crops through contract growers and preserve the crops in warehouses and cold storages and subsequently market the preserved items at the point of sales/storage.

Thus the objective of this business is to:

- Ensure availability of crops across the country
- Preserve the quality of crops
- Balance the price of the crops
- Contribute to the national food security by introducing Professionalism in cultivation, preservation and marketing.



## Cropex Branded Products

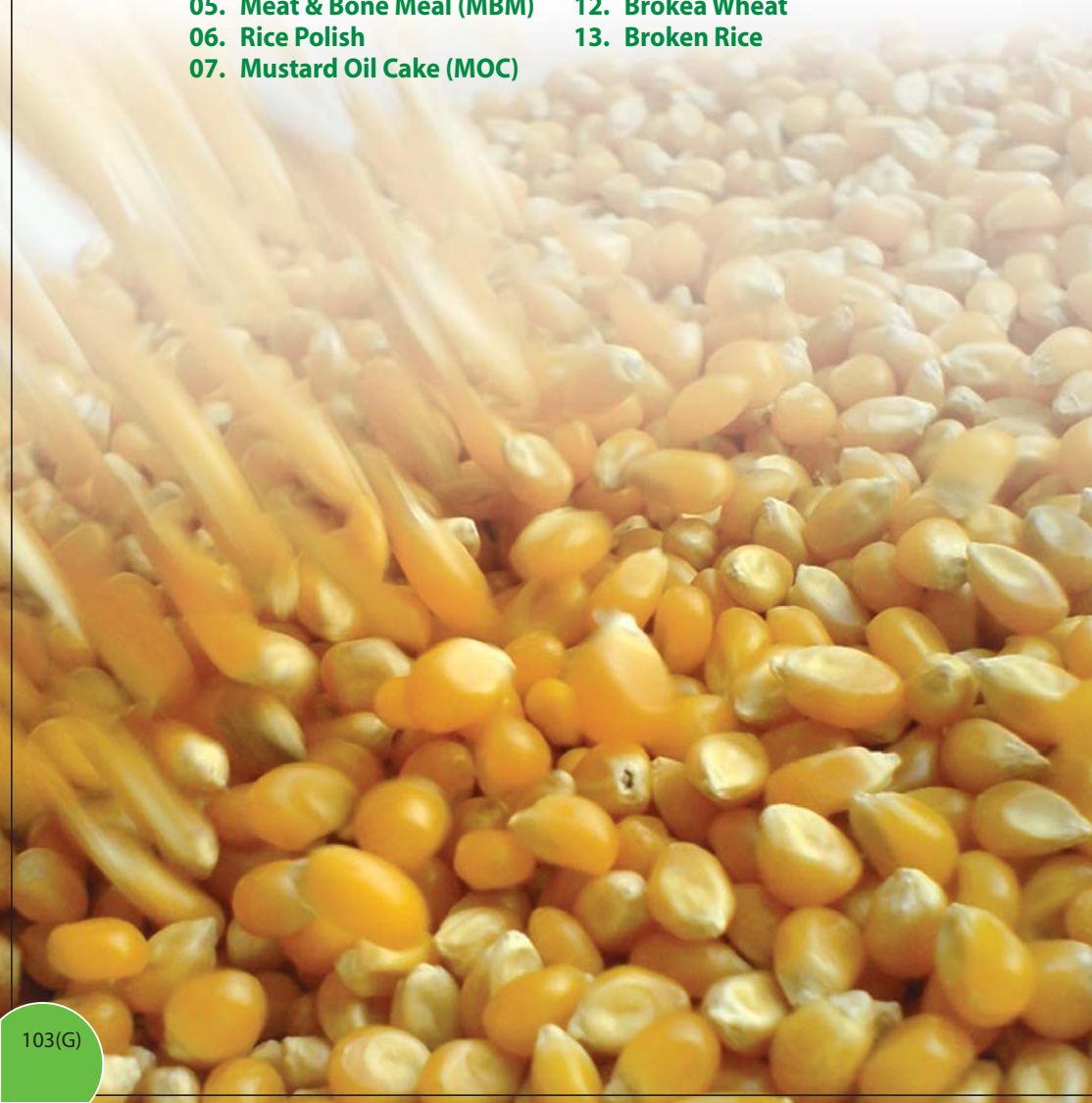
- |                   |                    |
|-------------------|--------------------|
| 01. Cinnamon      | 10. Kishmish       |
| 02. Cardamon      | 11. Almond         |
| 03. Clove         | 12. Kaju Badam     |
| 04. Garam Masalla | 13. Aku Bokhara    |
| 05. Black Pepper  | 14. Pach Foron     |
| 06. Jayphal       | 15. Methi          |
| 07. Jayitri       | 16. Miniket Rice   |
| 08. Bay Leaf      | 17. Nazirshal Rice |
| 09. Jeera         |                    |



## Products for Poultry and Fisheries Consumption

### Poultry and Fish Products

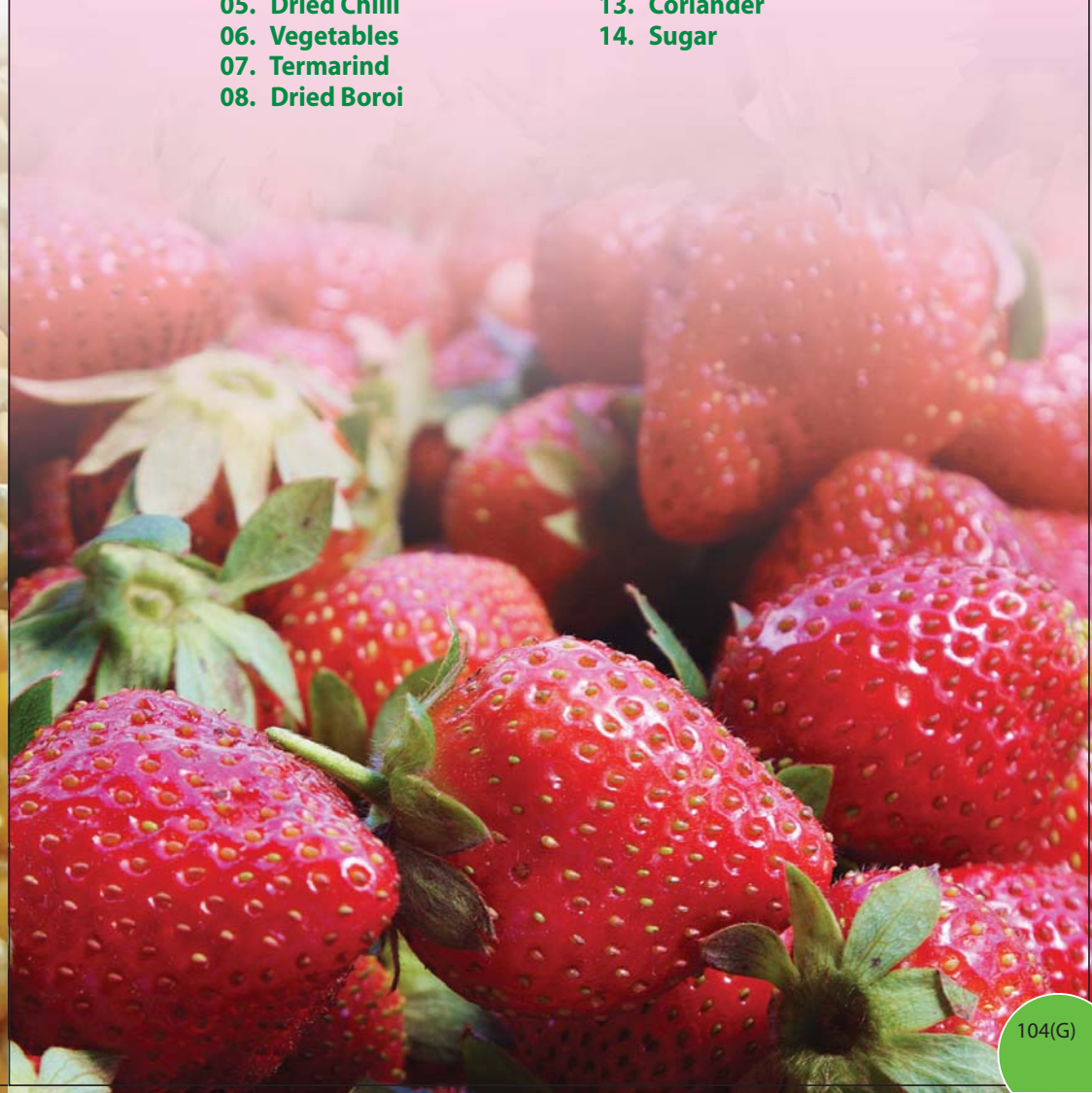
- |                               |                                |
|-------------------------------|--------------------------------|
| 01. Maize                     | 08. Flour                      |
| 02. De Oiled Rice (DORB)      | 09. Dry Fish                   |
| 03. Soybean Extraction (SBE)  | 10. Wheat Bran                 |
| 04. Rapeseed Extraction (RSE) | 11. Di Calcium Phosphate (DCP) |
| 05. Meat & Bone Meal (MBM)    | 12. Brokea Wheat               |
| 06. Rice Polish               | 13. Broken Rice                |
| 07. Mustard Oil Cake (MOC)    |                                |



## Products for Human Consumption

### Human Products

- |                  |               |
|------------------|---------------|
| 01. Garlic       | 09. Fruits    |
| 02. Ginger       | 10. Wheat     |
| 03. Onion        | 11. Rice      |
| 04. Turmeric     | 12. Potato    |
| 05. Dried Chilli | 13. Coriander |
| 06. Vegetables   | 14. Sugar     |
| 07. Termarind    |               |
| 08. Dried Boro   |               |



# Biotchnology Products

## Activities

- **Biopesticide**
- **Animal vaccination**
- **Biofertilizer**
- **Seed**



# ACI Godrej Agrovet Pvt. Limited

(A Joint Venture of ACI Ltd & Godrej Agrovet Pvt. Ltd)

ACI Godrej Agrovet Private Limited is a joint venture company formed by a 50:50 stake of ACI limited Bangladesh and Godrej Agrovet Limited India. The Company started its business in Bangladesh at the end of the year 2004 with poultry Feed. It started Hatchery and Breeding Farm Operations in February 2007. The company launched and started selling fish feed at the same time. In July 2008, it diversified its product portfolio and introduced shrimp and cattle feed. It commissioned a state of the Floating Fish Feed Plant in August' 2010 by introducing premium quality Floating Fish Feed in the country.

ACI Godrej Agrovet Private Limited is into the business of providing integrated solution to the market by manufacturing and marketing quality Poultry, Aqua, Cattle Feed and Day Old Chicks, not only for business Purpose but also for the improvement of socio economic condition of the farm owners of Bangladesh. The Company consolidated its different product lines in the areas of Broiler Feed, Layer Feed, Fish Feed, cattle Feed & Day old chicks.

ACI Godrej Agrovet Private Ltd prides itself in conducting a lot of farmers meeting and seminars to educate and make aware farmers on how to improve their productivities. At present a huge amount of investment is going on for various required projects, like the technical know how of this business is being given by the Godrej Agrovet Limited, India which has a leadership position in India.





## "MISHA" Floating Fish Feed

- Having the best Extruder from USA and Hammer mill from France.
- Oil coated for reducing the leaching of nutritional values.
- Best Quality "Raw Material" with digestible protein and other limiting elements are used to get the best FCR.
- 100% floating feed so that it ensures total consumption by fish.
- No chance of feed loss.
- Gives better result in winter season when fish tends to take less feed.
- All finished products are checked and monitored in modern laboratory of our own premises.
- Nutritional feed formulation is fully monitored by foreign nutritionists.
- Ensures different sizes of feed for different age groups of species.
- Specific variety of feeds for specific species to ensure better result.
- MISHA feed is having attractive smell to attract the fish quality.



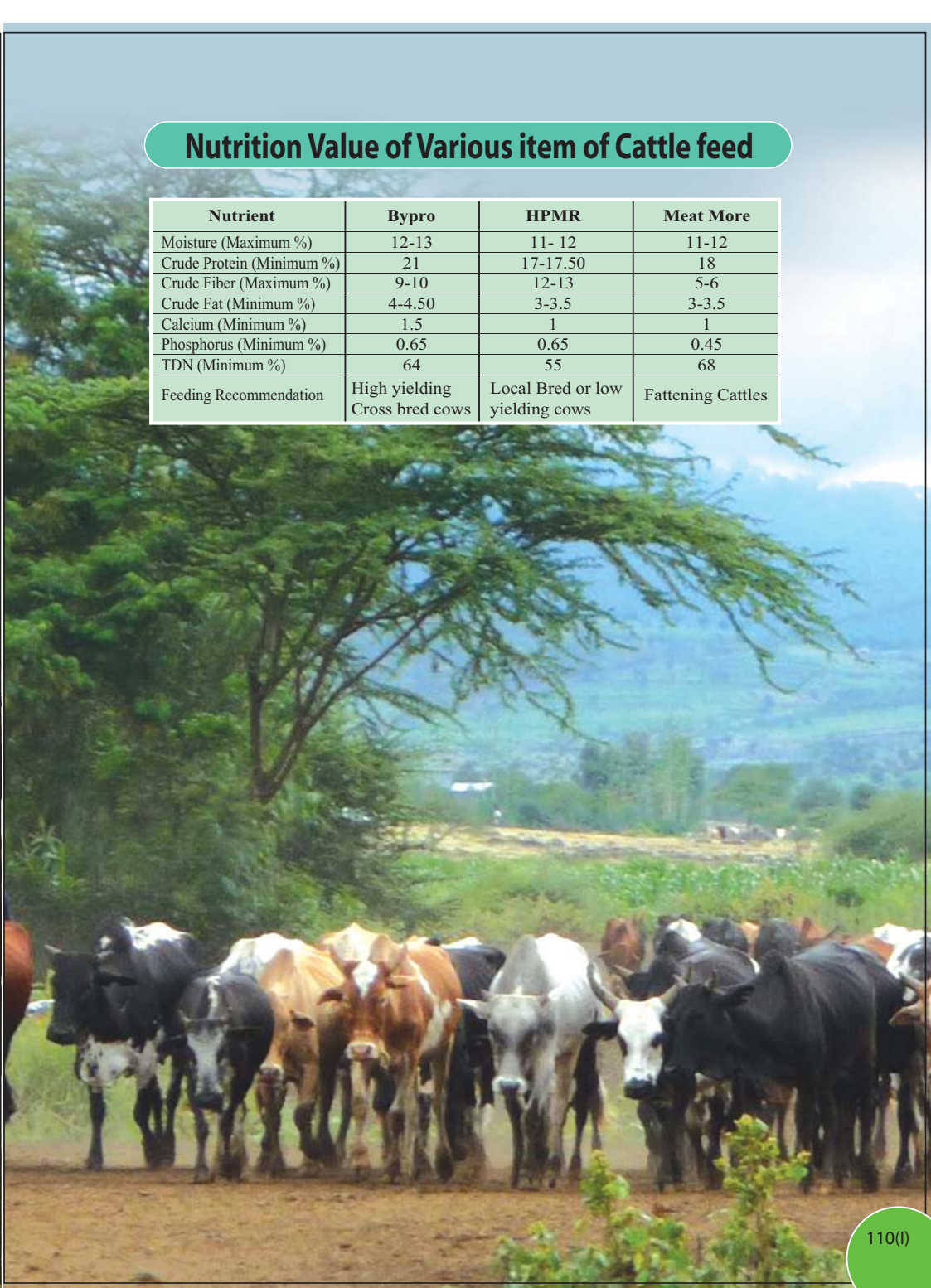
## "MISHA" sinking Fish/Shrimp Feed

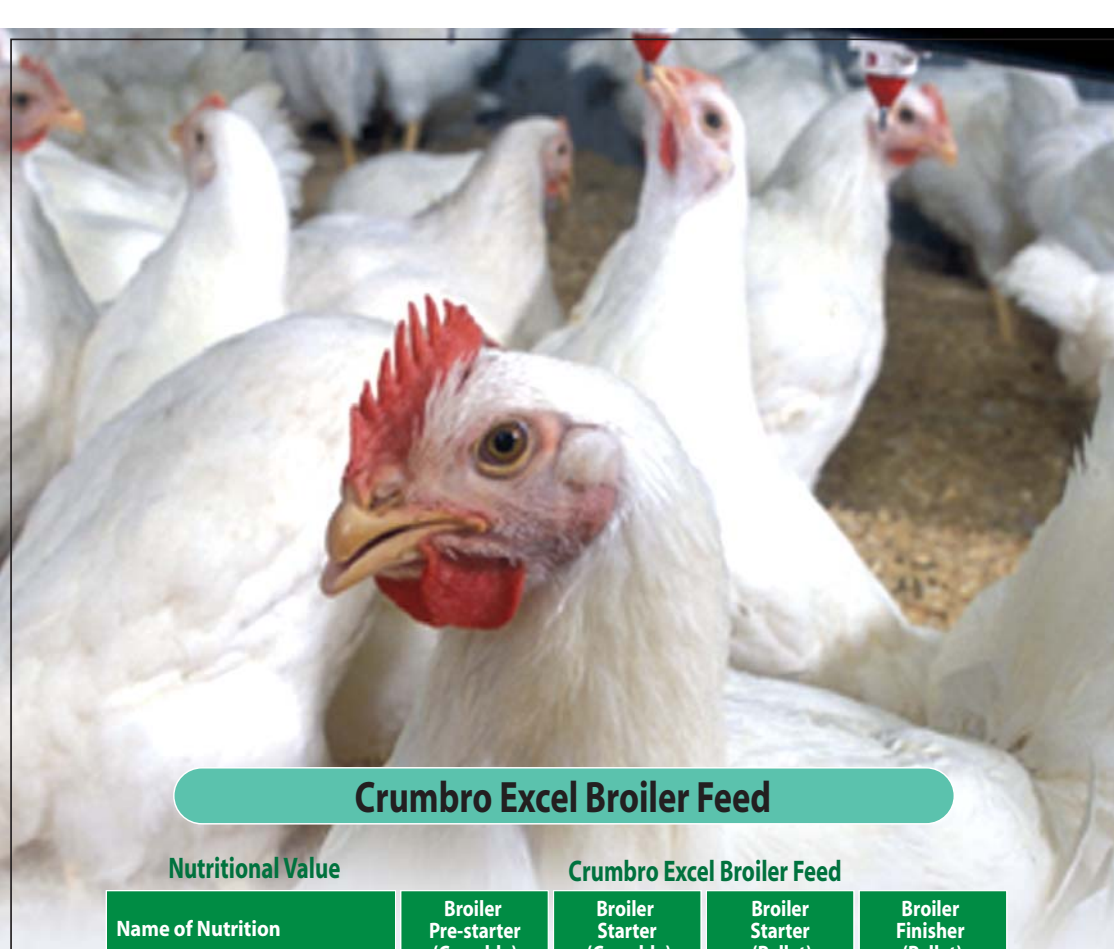
- Serving the water stable sinking feed so that loss of nutritional values would be very less in water.
- Best quality "Raw Material" with digestible protein and other limiting elements are to get the best FCR.
- All finished products are checked and monitored in modern laboratory of our own premises.
- Nutritional feed formulation is fully monitored by foreign nutritionist.
- Ensure different sizes of feed for different age groups of species.
- Specific variety of feeds for specific species to ensure better result.
- MISHA Fish and Shrimp feeds are having attractive smell to attract the fish quickly.
- Competitive price and different variety of feed to provide all types of customers starting from Economic feed to premium sinking feed.



## Nutrition Value of Various item of Cattle feed

Nutrient	Bypro	HPRM	Meat More
Moisture (Maximum %)	12-13	11- 12	11-12
Crude Protein (Minimum %)	21	17-17.50	18
Crude Fiber (Maximum %)	9-10	12-13	5-6
Crude Fat (Minimum %)	4-4.50	3-3.5	3-3.5
Calcium (Minimum %)	1.5	1	1
Phosphorus (Minimum %)	0.65	0.65	0.45
TDN (Minimum %)	64	55	68
Feeding Recommendation	High yielding Cross bred cows	Local Bred or low yielding cows	Fattening Cattles





## Crumbro Excel Broiler Feed

### Nutritional Value

### Crumbro Excel Broiler Feed

Name of Nutrition	Broiler Pre-starter (Crumble)	Broiler Starter (Crumble)	Broiler Starter (Pellet)	Broiler Finisher (Pellet)
Moisture (Max) %	11 - 12	11 - 12	11 - 12	11 - 12
Crude Protein (Min) %	22	21.5	21.5	20.5
Crude Fibre (Max) %	4	4	4	4
Crude Fat (Min) %	4	4.5	4.5	5
Ash (Max) %	3	3	3	3
Lysine (Min)	1.3	1.2	1.2	1.2
Methionine (Min)	0.6	0.5	0.5	0.5
Methionine + Cystine (Min)	1.1	1.0	1.0	1.0
Lenolic Acid	1.2	1.5	1.5	1.8
Arginine	1.5	1.45	1.45	1.4
Calcium (Max)	1.2	1.2	1.2	1.1
Available Phosphorus (Min)	0.6	0.6	0.6	0.5
Energy (Min) Kcal	3,000	3,100	3,100	3,200
<b>Feeding Recommendation:</b>	<b>1 - 10 days</b>	<b>11 - 20 days</b>	<b>21 - 28 days</b>	<b>29 - 35 days</b>

## Crumchic Excel Layer Feed

### Nutritional Value

### Crumchic Excel Layer Feed

Name of Nutrition	Layer Starter (Crumble)	Layer Grower	Layer Layer
Moisture (Max) %	11 - 12	11 - 12	11 - 12
Crude Protein (Min) %	20.5	17.0	18.5
Crude Fibre (Max) %	5.0	6.0	6.0
Crude Fat (Min) %	3.0	3.0	3.0
Lysine (Min)	1.1	0.8	0.85
Methionine (Min)	0.45	0.44	0.40
Calcium (Max)	1.0	1.0	3.5
Available Phosphorus (Min)	0.45	0.40	0.40
Energy (Min) Kcal	2,850	2,750	2,800
<b>Feeding Recommendation:</b>	<b>1 - 8 week</b>	<b>9 - 17 week</b>	<b>18 week - reject</b>





**Nutrition Value of various item of Cattle Feed**

Nutritional Value	Cattle Feed		
	BYPRO	H.P.M.R.	Meat More
Moisture (Maximum %)	11 - 13	11 - 12	11 - 12
Crude Protein (Maximum %)	21	17-17.50	18
Crude Fiber (Maximum %)	9-10	12-13	5-6
Crude Fat (Maximum %)	4-4.50	3-3.50	3-3.50
Crude Fat (Maximum %)	1.5	1	1
Phosphorus (Maximum %)	0.65	0.65	0.45
T.D.N (Maximum %)	64	55	68