



LIVESTOCK SECTOR

INDUSTRIAL PROJECTS

PROFILE

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Amino Acid 10,000 T/Y Lysine, Threonine, Tryptophan, Methionine

- Enhances protein synthesis, promoting muscle growth and overall health.
- Optimizes feed efficiency, and maximizes productivity.





Citric Acid

- Enhances taste, phosphorus absorption, and digestion.
- Used as a preservative and for reducing pathogen load.

20,000 T/Y & 10,000 T/Y DDGS



10,000 T/Y



Corn Oil

- Serves as an energy source.
- Enhances milk productivity,
 feed efficiency, & palatability
 & reduces methane production

Corn Starch 50,000 T

- Serves as high-energy source.
- Enhances milk production, nutrient absorption, growth, and development.











Crystalline Glucose 60,000 T/Y

- Serves as an energy source.
- Enhances palatability, rumen fermentation, and growth.
- Used in oral rehydration solutions for livestock and milk replacers for calves.





Dextrin

 Used as a binding agent and for coating vitamins/minerals in livestock feed, enhancing palatability, and consistency of feed pellets.



Edible Dry Yeast

 Used as a source of protein, vitamins, and minerals to enhance immunity, growth, and development.







Enzymes Cellulase, Protease

- Improves feed digestibility, feed efficiency and reduces digestive issues in ruminants.
- Enhances protein digestion and nutrient absorption.

10,000 T/Y









Fructose Syrup

- Serves as an energy source and palatability enhancer.
- Used in oral medications and nutritional supplements for livestock.

60,000 T/Y





Isomalto-Oligosaccharide 5000 T/Y

 Acts as a prebiotic, enhancing gut health, immunity, growth, nutrient absorption and digestion.



10,000 T/Y



Lactic Acid

 Acts as a preservative in feed, inhibiting bacterial growth and optimizing intake and nutrient absorption.

Maltodextrin

- Used as a stabilizer, thickener, and bulking agent.
- Provides an easily digestible energy source for livestock.











Mannitol

 Used as a feed additive, emulsifying, thickening and gelling agent.

Probiotics

- Enhances digestive health, nutrient absorption, & growth.
- Improves immunity and reduces the use of antibiotics.

10,000 T/Y



10,000 T/Y





Sodium Gluconate 30,000 T/Y

Enhances growth
 performance, metal uptake,
 nerve function, palatability,
 pellet formation, and
 electrolyte balance.



10,000 T/Y or 20,000 T/Y



Sorbitol

- Used as a sweetener, humectant, and binding agent.
- Boosts feed conversion, milk production, and performance in heat-stressed livestock.







Vitamin C or Ascorbic Acid 10,000 T/Y

- Supports immune health, growth, collagen synthesis, and stress resistance.
- Aids in mastitis recovery and lactation support, and used in dry milk replacers.







"As per Chinese R&D institutes, the future lies in establishing Maize & Sugarcane based industrial projects, eco-industrial parks, or SEZs."

We work for setting up new industries, industrial parks (SEZ) and are considered the highest-performing industrial consultancy in the country.

TEC has set up Rs. Billion plus investment; Olympia Soda ash, Premier Ethanol, and H2O2, etc. 23 projects. Punjab has had only these mega greenfield chemical plants for the last 30 years.

TECHNOLOGY EXCHANGE AND COORDINATION (PVT.) LTD.

Established since 1992

TEC offers the following services:

1. Project Identification + Technical Feasibility
Studies + Preparing the equipment and know-how
package for setting up new industry + Arranging
Transfer of Technology.



- 2. Organizing and managing a consortium of equipment manufacturers, R&D institutes, and EPC companies to ensure economic viability and transparency.
- 3. Organizing the maximum possible local Fabrication of the Equipment by managing technical know-how and experts.



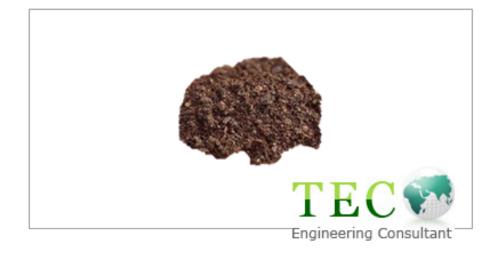
- 4. Providing supervision and coordination during project implementation.
- 5. Training services.
- 6. Market research and studies.
- 7. Exploring potential joint venture partnerships in the international market.
- **(iii)** Learn More: https://www.punjabindustry.biz/
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PROSPECTIVE PROJECTS

- Maize value addition (bio product) SEZ
- Sugar cane juice and Molasses based bio product SEZ
- Distillery vinasse-based bio fertilizer





SERVICES OFFERED

- Pre-Feasibility Study
- Sourcing Manufacturers in China
- Blending high tech from west
- Project execution
- Local fabrication
- Installation, Commissioning and trial run
- Applying Engineering & China knowledge for economy, reliability and efficiency

SERVICES OFFERED

- Section wise analysis at nut, bolt level for deciding local fabrication or importing from China, developed countries
- Keeping the central control of project with investor. Replacing trade house.
- Forming & managing the consortium of R&D institute, manufacturer, construction company in China for execution.



TEC PVT. LTD.

"Transforming Industries through Innovative Engineering Solutions"

