

TECHNOLOGY EXCHANGE AND COORDINATION PVT. LTD.



LIVESTOCK SECTOR

INDUSTRIAL PROJECTS

PROFILE

www.punjabindustry.biz

www.china-industry.biz

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Livestock Sector Industrial Projects



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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.



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Citric Acid **20,000 T/Y & 10,000 T/Y DDGS**

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



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Corn Oil **10,000 T/Y**

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



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Corn Starch **50,000 T/Y or 60,000 T/Y**

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



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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

5000 T/Y

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



Edible Dry Yeast

5,000 T/Y

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



Enzymes

Cellulase, Protease

10,000 T/Y

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



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Fructose Syrup

60,000 T/Y

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



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Isomalto-Oligosaccharide 5000 T/Y

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



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Lactic Acid

10,000 T/Y

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



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Maltodextrin

30,000 T/Y

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



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Mannitol

10,000 T/Y

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



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Probiotics

10,000 T/Y

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



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Sodium Gluconate 30,000 T/Y

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



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Sorbitol

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

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



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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.



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"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.

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.**

 **Learn More: <https://www.punjabindustry.biz/>**

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 **Location: Plot # 6 & 7, Sundar Industrial Estate,
Lahore**



PROSPECTIVE PROJECTS

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



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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.

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TEC PVT. LTD.

**"Transforming
Industries through
Innovative Engineering
Solutions"**

