



FOOD PROCESSING

Towards Sustainable Growth Opportunities



WEST BENGAL

WEST BENGAL





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ACRONYMS

ABBREVIATION	DEFINITION
AHIDF	Animal Husbandry Infrastructure Development Fund
APC	Agro Processing Cluster
APEDA	Agricultural and Processed Food Products Export Development Authority
ASI	Annual Survey of Industries
ASPIRE	A Scheme for Promotion of Innovation, Rural Industry and Entrepreneurship
CAGR	Compound Annual Growth Rate
CBFL	Creation of Backward and Forward Linkages
CEFPPC	Creation/Expansion of Food Processing & Preservation Capacities
CFS	Container Freight Station
CLCSS	Credit Linked Capital Subsidy Scheme
CTC	Cut, Tear & Curl
DIDF	Dairy Processing & Infrastructure Development Fund
DPIIT	Department for Promotion of Industry and Internal Trade
DPR	Detailed Project Report
DRPs	District Resource Persons
e-NAM	Electronic National Agriculture Market
EoDB	Ease of Doing Business
EOI	Expression of Interest
F&V	Fruits & Vegetables
FAOSTAT	Food and Agriculture Organization Corporate Statistical Database
FDI	Foreign Direct Investment
FIDF	Fisheries and Aquaculture Infrastructure Development Fund
FME	Formalization of Micro Food Processing Enterprise
FPC	Farmer Producer Company
FPOs	Farmer Producer Organisations
FSSAI	Food Safety and Standards Authority of India
FTL	Food Testing Laboratory
GIS	Geographic Information System
GSDP	Gross State Domestic Product
GST	Goods and Services Tax
GVA	Gross Value Added
ha	Hectare
HACCP	Hazard Analysis and Critical Control Point
IC & E (WBIDC)	Department of Industry, Commerce, & Enterprises (West Bengal Industrial Development Corporation)
ICC	Integrated Cold Chain and Value Addition Infrastructure
ICD	Inland Container Depot
INR	Indian Rupee
IQF	Individual Quick Freezing
Km	Kilometre
LEADS	Logistics Ease Across Different States

ACRONYMS

ABBREVIATION	DEFINITION
LLP	Limited Liability Partnership
MFP	Mega Food Parks
MIDH	Mission for Integrated Development of Horticulture
MoFPI	Ministry of Food Processing Industries
MSDE	Ministry of Skill Development & Entrepreneurship
MSEs	Micro and Small Enterprises
MSME	Micro, Small and Medium Enterprises
MT	Metric Ton
MW	Mega Watt
NABARD	National Bank for Agriculture and Rural Development
NAIFF	National Agriculture Infra Financing Facility
NDDB	National Dairy Development Board
NGO	Non-Governmental Organization
NOC	No Objection Certificate
ODOP	One District One Product
PFT	Private Freight Terminal
PLI	Production Linked Incentive
PLISFPI	Production Linked Incentive Scheme for Food Processing Industry
PLISMBP	Production Linked Incentive Scheme for Millet-Based Products
PMFME	Pradhan Mantri Formalisation of Micro Food Processing Enterprises
PMKSY	Pradhan Mantri Kisan Sampada Yojana
PMKVY	Pradhan Mantri Kaushal Vikas Yojana
PMMSY	Pradhan Mantri Matsya Sampada Yojana
PSL	Priority Sector Lending
RBI	Reserve Bank of India
RTC	Ready to cook
RTE	Ready to eat
SC	Scheduled Caste
SEZ	Special Economic Zone
SFAC	Small Farmers' Agri-Business Consortium
SGST	State Goods and Services Tax
SHG	Self-Help Groups
SMEs	Small and Medium Enterprises
SNA	State Nodal Agency
SPV	Special Purpose Vehicle
Sq. KM	Square kilometre
ST	Scheduled Tribe
SWC	Single Window Clearance
USD	U.S. Dollar
WBGST	West Bengal Goods and Services Tax
WRID	Water Resources Investigation and Development



ABSTRACT

Establishing Strong Linkages between Industry and Agriculture:

The food processing sector plays a crucial role in establishing strong linkages between the industry and the agriculture sector. It facilitates collaboration and integration, benefiting both sectors and boosting the overall agricultural value chain.

Remarkable Growth in the Indian Food Processing Sector:

The Indian food processing sector has achieved impressive growth, surpassing a 9% average annual growth rate since 2014-15. This indicates its strong potential and contribution to the Indian economy.

Significant Increase in Processed Food Exports:

India's processed food exports have experienced a significant surge, increasing from US\$4.96 billion in 2014-15 to US\$13.07 billion in 2022-23. This growth showcases the sector's competitiveness and ability to cater to international markets.

West Bengal's Agricultural Strength and Economic Advantages:

West Bengal, a State known for its strong agricultural sector, boasts a Gross State Domestic Product (GSDP) of 157.93 billion. West Bengal's diverse natural resources and varied agro-climatic conditions enable the cultivation of a wide range of crops, and the State ranks second in the production of vegetables in the country. Moreover, West Bengal benefits from its strategic location, with easy access to both domestic and international markets. The State's proximity to major ports and transportation networks facilitates the smooth export of processed food products. The Single Desk Portal "Silpasathi" in West Bengal is a dedicated Single Window Clearance (SWC) system that streamlines the process of doing business.

Prominence in Food Processing and Export:

West Bengal has emerged as a prominent player in the food processing and export sector. The State's largest producer status in various vegetables and fruits, such as, Brinjal, Cabbage, Cauliflower, Cucumber, Pineapple etc. contributes to its success. West Bengal holds the remarkable position of being the second-highest producer of fish, highlighting its prominent role and dominance in the seafood industry. The State showcases abundant opportunities with 11 food and allied geographical indicator tags. This agricultural prominence creates a strong base for food processing enterprises to tap into. The State has witnessed the highest bank credit flow to Micro, Small, and Medium Enterprises (MSMEs) in recent years, reflecting a supportive business ecosystem. The State has received assistance/incentives from the Ministry of Food Processing Industries under its flagship schemes, such as, Pradhan Mantri - Kisan Sampada Yojana, Pradhan Mantri Formalisation Micro Food Processing Enterprises, and the Production Linked Incentive Scheme.

01. FOOD PROCESSING IN INDIA

The food processing sector is a uniquely placed amongst the manufacturing sector due to its backward linkages to the farming activities. A well-developed food processing sector with sufficiently higher level of processing helps in the improving value addition reducing post-harvest losses, promoting crop diversification, ensuring better returns to the farmers, promoting off-farm employment as well as increasing export earnings.

India ranks first in production of pulses & milk, second in vegetable & fruit, wheat & rice and third in cereals and eggs, in the World as per FAOSTAT estimates.¹

An abundant supply of raw materials, increase in aggregate demand for processed food products and incentives offered by the Government of India has impacted food processing sector positively. The Gross Value Addition (GVA) has increased from INR 1.34 Lakh Crore in 2014-15 to INR 2.37 Lakh Crore in 2020-21 exhibiting an average annual growth rate of 9.3%. The sector constituted as much as 10.54% and 11.57% of GVA in Manufacturing and Agriculture sectors respectively in 2020-21 (at the 2011-12 prices).²



India's food and beverages market grew at a CAGR of 6.92% between 2017 - 22.³

India's food and beverages market is forecasted to grow at a CAGR of 9.94% from 2022 - 27.⁴

¹ Statistics | Food and Agriculture Organization of the United States

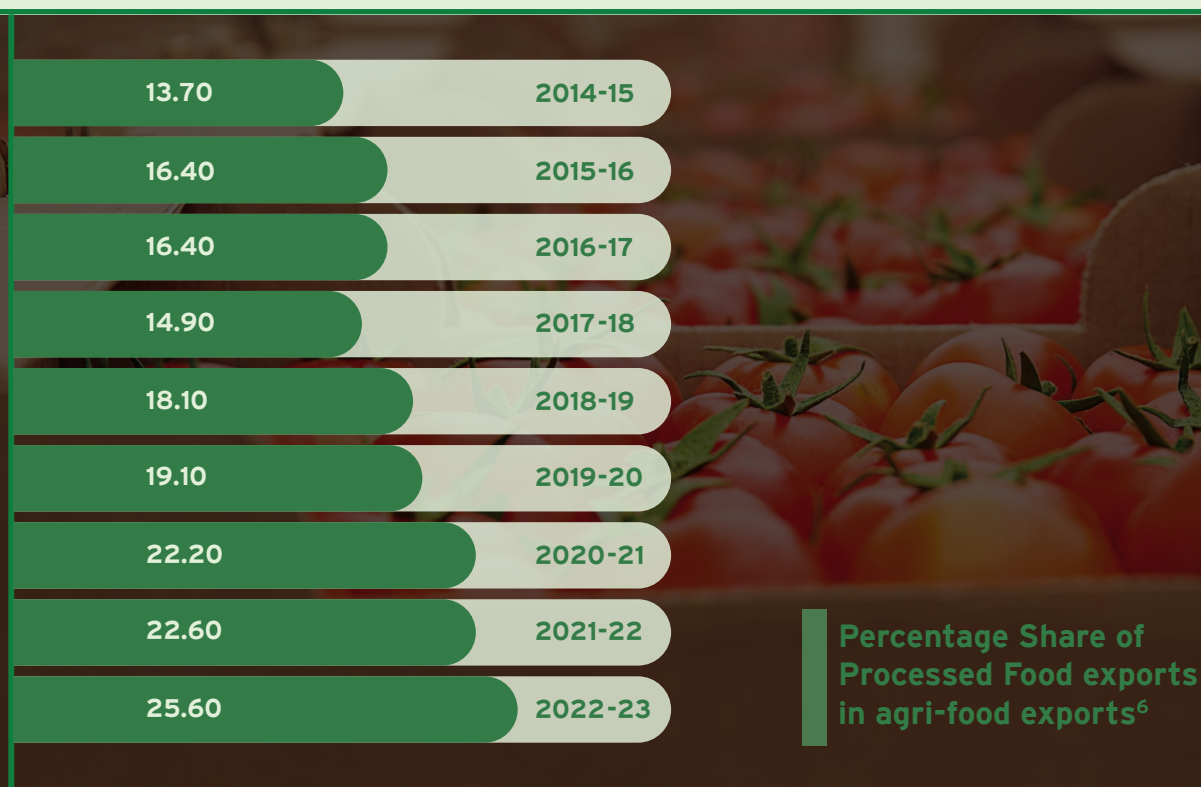
² MoFPI

³ Food and Beverages Global Market Briefing 2023 – The Business Research Company, December 2022

⁴ Ibid

As per the Annual Survey of Industries (ASI) latest estimates production of, the Food Processing Sector employees nearly 12.2 % of the workforce in the registered factory sector.

The Export of Agri-Food products has increased from US\$ 36.17 in 2014-15 to US\$ 51.05 billion in 2022-23. The Export of Processed-Food products has increased from US\$ 4.96 in 2014-15 to US\$ 13.07 billion in 2022-23. Thus, the share of the processed-food products in overall agri-food products export has increased from 13.70 % in 2014-15 to 25.60 % in 2022-23⁵.



As per an Industrial estimate, Asia Pacific emerged as the dominant region in the global food and beverages market with 41.5% share of the global food and beverages market in 2022. Within the Asia Pacific region, India's food and beverages market was the third largest, followed by China and Japan, in the said period.⁷

⁵ MoFPI

⁶ Ibid

⁷ Food and Beverages Global Market Briefing 2023 – The Business Research Company, December 2022

⁸ Ibid

02. OVERVIEW

West Bengal, located in the eastern part of India, is a State that possesses a distinctive charm. Situated alongside the Bay of Bengal, it shares borders with Bangladesh to the east, as well as Nepal, Bhutan, Odisha, Jharkhand, Bihar, Sikkim, and Assam within India. West Bengal occupies a significant position on both national and international trade routes, linking to countries, such as, China, Bangladesh, Singapore, New Zealand, Australia, Indonesia, Malaysia, and other coastal States.

In addition to its strategic location, West Bengal is a melting pot of diverse languages, religions, customs, traditions, cuisines, and lifestyles, adding to the cultural richness of India. Bordered by the majestic Himalayan ranges in the north and the vastness of the sea in the south, the State possesses all the necessary ingredients for prosperity. While predominantly an agrarian State, West Bengal also capitalizes on its economic potential.

State Capital

Kolkata

Geographic Area⁹

88,752 sq. km

Population (Census 2011)¹⁰

91.3 million

Total Road Length (March 2019)¹¹

2,83,865 km

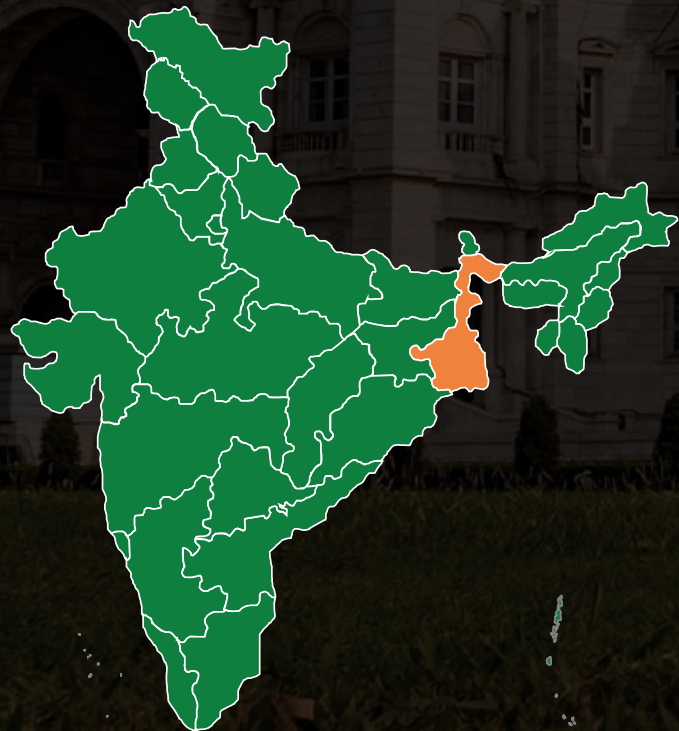
Rail length (2021)¹²

10,309

Industrial Area

14 Industrial Parks¹³

7 SEZs¹⁴



⁹ MoSPI | Population Census

¹⁰ ibid

¹¹ RBI | Handbook of Statistics on Indian States | State-wise Length of Roads

¹² DPIIT | LEADS 2022 Logistics Ease Across Different States

¹³ Industrial parks and industries in the country | Press Information Bureau

¹⁴ Special Economic Zones | Press Information Bureau

Gross State Domestic Product (GSDP) ¹⁵

USD 157.92 billion

Per Capita Net State Domestic Product ¹⁶

USD 1479.71 (2021-22)

Airports¹⁷

**3 International-
Kolkata**

6 Domestic-

**Behala, Asanol, Malda,
Balurghat, Cooch Behar**

Available Land¹⁸

**Mixed Category
17.36 ha**

Agri Export Zone¹⁹

6
 (Lychee/ Litchi)
 (Potatoes)
 (Mangoes)
 (Vegetables)
 (Darjeeling Tea)
 (Pineapple)

Infrastructure²⁰

1
Inland Container Depot (ICD)
10
Container Freight Station (CFS)
1
Air Cargo Terminals
1
Private Freight Terminal (PFT)

Installed power²¹

Thermal
8696.41 MW
 Renewables
2017.57 MW
 of which, Hydro is
1396.00 MW

424
Railway Goods Sheds

4.04 million
lakh MT Warehouse Capacity

59.47 lakh
lakh MT Cold Storage Capacity

¹⁵ RBI | Handbook of Statistics on Indian States | Gross State domestic product | Exchange Rate as on 11th June 2023

¹⁶ RBI | Handbook of Statistics on Indian States | Per Capita Net State Domestic Product | Exchange Rate as on 11th June 2023

¹⁷ Airport Authority of India

¹⁸ India Industrial Land Bank (31.05.2023)

¹⁹ APEDA | Agri Exchange | Agri Export Zone

²⁰ DPIIT | LEADS 2022: Logistics Ease Across Different States

²¹ Central Electricity Authority | Installed Capacity Report (31.03.2023)

03. ADVANTAGE WEST BENGAL



Second-largest metro rail network in the country.²²



Robust infrastructure with Excellent rail and road network²²



Silpasathi: Single window portal for business approvals with Time bound and Transparent services²²



Strategic gateway to South-East Asia and North-East India, sharing international frontiers with **Bangladesh, Nepal, and Bhutan.**²²



'Utkarsh Bangla': Empowering truck drivers and logistics person-nel through training scheme.²²



Graded as an **Aspirer within the Coastal cluster** according to DPIIT's, **LEADS 2022.**²³

²² Bengal Global Business Summit 2023 | Government of West Bengal

²³ DPIIT | LEADS 2022: Logistics Ease Across Different States

Second-largest tea producer after Assam, known for the famous Darjeeling Tea.



Ranked #2 in fish production, showcasing its dominance in the seafood industry.²⁶



2nd largest producer of Okra/ Ladyfinger & Potato²⁷



Ranked 2nd in vegetable production in India²⁸



3rd largest producer of Meat in India²⁹



Ranked #1 in production of Pineapple in the country³⁰



²⁶ RBI | Handbook of Statistics on Indian States

²⁷ Department of Agriculture & Farmers Welfare | Horticulture | State Level | Area and Production of Horticulture crops for 2021-22 (3rd Advance Estimates)

²⁸ ibid

²⁹ RBI | Handbook of Statistics on Indian States

³⁰ Department of Agriculture & Farmers Welfare | Horticulture | State Level | Area and Production of Horticulture crops for 2021-22 (3rd Advance Estimates)

Ranked #1 in Rice
production of India³¹



2nd largest producer
of Bael & Litchi ³²



Largest producer of Brinjal,
Cabbage, Capsicum, Cauliflower,
and Cucumber in the country²⁴



Largest producer of Elephant Foot
Yam, Parwal/Pointed Gourd, and
Radish in the country.²⁵



³¹ RBI | Handbook of Statistics on Indian States

³² Department of Agriculture & Farmers Welfare | Horticulture | State Level | Area and Production of Horticulture crops for 2021-22 (3rd Advance Estimates)

²⁴ Department of Agriculture & Farmers Welfare | Horticulture | State Level | Area and Production of Horticulture crops for 2021-22 (3rd Advance Estimates)

²⁵ ibid

04. LOCAL FOOD SYSTEM

4.1 INDIGENOUS PRODUCE

West Bengal, a predominantly agrarian State, holds the top position in both paddy and vegetable production within the country.³³ Its abundant natural resources and favorable climatic conditions contribute to its status as a significant agricultural hub. With an ample surplus of rice, vegetables, and potatoes, West Bengal has successfully cultivated a diverse range of products³⁴ like Paddy (Rice), Maize, Wheat, Mustard, Sugarcane, Tea and Vegetables.

West Bengal benefits from six agro-climatic zones³⁵ that support year-round cultivation of a wide variety of agricultural crops, vegetables, and fruits. With a net cropped area of 52.05 lakh hectares, which encompasses 68% of the geographical area and 92% of arable land³⁶, the State also boasts a gross sown area of 101.00 lakh hectares.³⁷

STATE HAS RECEIVED 11 GEOGRAPHICAL INDICATOR (GI) TAGS FOR³⁸ -

- Darjeeling Tea (word & logo)
- Malda Laxman Bhog Mango
- Bardhaman Sitabhog
- Malda Fazli Mango
- Joynagar Moa
- Bardhaman Mihidana
- Malda Khirsapati (Himsagar) Mango
- Gobindobhog Rice
- Tulapanji Rice
- Banglar Rasogolla
- Dalle Khursani

³³ Government of West Bengal | Departments

³⁴ Indian Meteorological Department | Agro-Meteorological Advisory Bulletin
















³⁵ ibid

³⁶ Bengal Global Business Summit 2022 | Government of West Bengal

³⁷ RBI | Handbook of Statistics on Indian State | Gross & Net Sown Area

³⁸ Intellectual Property | Registration Details of Geographical Indications

4.2 KEY PRODUCTION HIGHLIGHTS

 <p>4th largest producer in Egg³⁹</p>	 <p>4th largest producer of Sitaphal/Pumpkin⁴⁰</p>
 <p>3rd largest producer of Meat⁴¹</p>	 <p>3rd largest producer of Sweet Potato & Carrot⁴²</p>
 <p>3rd largest producer of Jack Fruit⁴³</p>	 <p>2nd largest producer of Litchi/Lychee⁴⁴</p>
 <p>2nd largest producer of Okra/ Ladyfinger & Potato⁴⁵</p>	 <p>2nd largest producer of Bael⁴⁶</p>
 <p>Ranked #1 in production of Pineapple in the country⁴⁷</p>	 <p>Ranked 1 for Elephant Foot Yam, Parwal/Pointed Gourd, Radish production.⁴⁸</p>
 <p>Ranked 1 for Brinjal, Cabbage, Capsicum, Cauliflower, Cucumber production.⁴⁹</p>	 <p>Ranked #2 in fish production, showcasing its dominance in the seafood industry.⁵⁰</p>
 <p>Valuable cash crops including maize, wheat, mustard, sugarcane, tea etc.</p>	 <p>2nd largest producer of vegetables⁵¹</p>
 <p>Largest producer of Rice⁵²</p>	 <p>Primary commodities are Paddy and Maize.</p>

³⁹ RBI | Handbook of Statistics on Indian States

⁴⁰ Department of Agriculture & Farmers Welfare | Horticulture | State Level | Area and Production of Horticulture crops for 2021-22 (3rd Advance Estimates)

⁴¹ ibid

⁴² ibid

⁴³ ibid

⁴⁴ ibid

⁴⁵ ibid

⁴⁶ ibid

⁴⁷ ibid

⁴⁸ ibid

⁴⁹ ibid

⁵⁰ RBI | Handbook of Statistics on Indian State

⁵¹ Department of Agriculture & Farmers Welfare | Horticulture | State Level | Area and Production of Horticulture crops for 2021-22 (3rd Advance Estimates)

⁵² RBI | Handbook of Statistics on Indian State

KEY PRODUCTION STATISTICS ARE PRESENTED BELOW^{53&54}



CROPS

'000 MT

WHEAT

594.7

PULSES

441.9

COARSE CEREALS

2443.6

RICE

16524.4


LIVESTOCK & FISHERIES

MILK

6165 '000 tonnes

EGGS

105008 lakh

MEAT

994 '000 tonnes

FISH

17.82 lakh tonnes


FRUITS

'000 MT

LITCHI/LYCHEE

74.00

JACK FRUIT

221.31

PINEAPPLE

356.53

BANANA

1203.73


VEGETABLES

'000 tonnes

RADISH

568.38

BRINJAL

3152.50

CABBAGE

2408.55

CAULIFLOWER

2037.19


SPICES

'000 MT

GINGER

141.36

TURMERIC

51.01

GARLIC

38.15

RED CHILLIES

7.78

⁵³ Department of Agriculture & Farmers Welfare | Horticulture | State Level | Area and Production of Horticulture crops for 2021-22 (3rd Advance Estimates)

⁵⁴ RBI | RBI Handbook of Statistics on Indian States

05. PRODUCTION CLUSTERS⁵⁵

The list below showcases the Production Clusters within the State under the Pradhan Mantri Formalisation of Micro Food Processing Enterprises Scheme (PMFME) -

PICKLE

Darjeeling



MILK based products

North 24 Parganas and Bankura



DAL based products

North 24 Parganas, Kolkata and Purba Medinipur



FISH based products

North 24 Parganas



HONEY based products

Darjeeling, Maldah, North 24 Parganas and Kalimpong



JAGGERY

Purba Barddhaman



ARGO PROCESSING

Kalimpong



MUSHROOM based products

North 24 Parganas



⁵⁵ Department of Micro, Small & Medium Enterprises and Textiles} Government of West Bengal



----- **OIL SEED** based products
(Mustard oil)
Coochbehar, Uttar Dinajpur and Murshidabad



----- **MINOR FOREST PRODUCE**
(Jackfruit etc.)
Jamui



----- **PINEAPPLE** based products
Darjeeling



----- **CASHEW NUT** processing
Purba Medinipur



----- **RICE** processing
Bankura



----- **MAKHANA (FOXNUT)**
processing
Maldah



----- **CARDAMOM** processing
Kalimpong



----- **FOOD** processing
Howrah and South 24 Parganas

06. MILLETS IN WEST BENGAL



Millets are resilient, small-seeded grasses belonging to the group of cereals or grains cultivated for animal feed and human consumption. Millets thrive in diverse ecological conditions and are particularly well-suited for rain-fed and arid climates. These characteristics of millets make them agriculturally superior to other commonly grown crops. Moreover, millets possess a nutritional advantage over other cereals due to their micronutrient content and bioactive flavonoids, making them highly valuable. In the year 2021-22, the total production of millets in West Bengal stood at 19.99 thousand tonnes.⁵⁶

Millets are called Nutri-cereals or dry-land cereals and are also referred to as Smart Food with high calcium, zinc, iron, and low glycaemic index and are gluten-free.

Barnyard Millet, Foxtail Millet (Kakum), Kodo Millet, and Little Millet are potential millets in West Bengal.

Different varieties of millets that are grown in the State:⁵⁷

MAJOR MILLETS:

- **Pearl Millet (Bajra)**
- **Sorghum (Jowar)**
- **Finger Millet (Ragi)**

SMALL MILLETS:

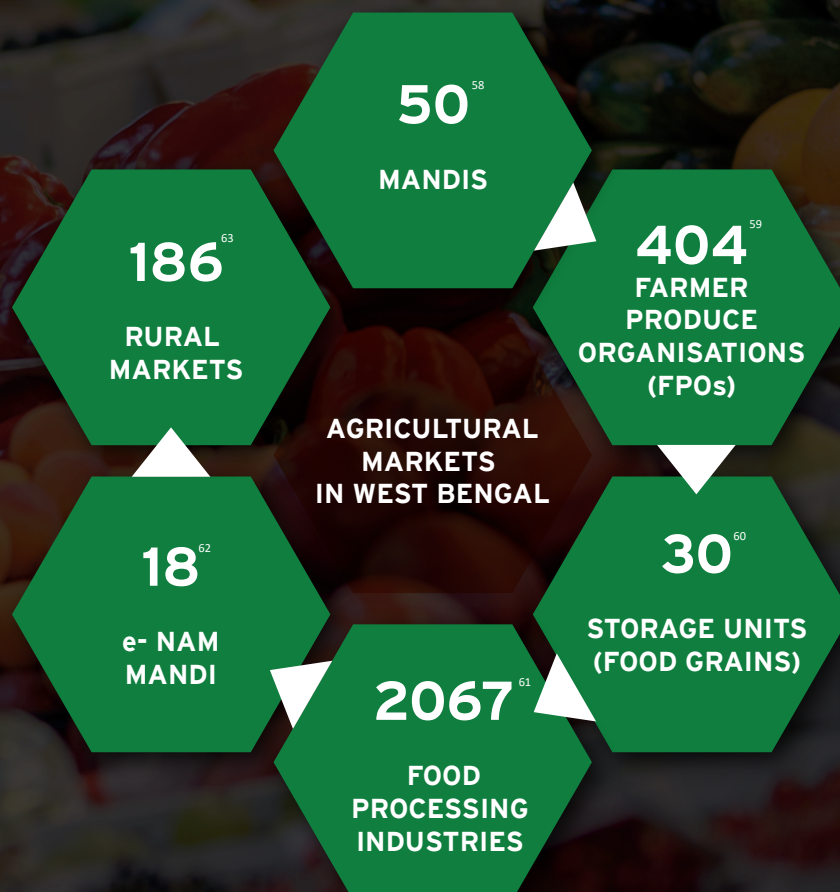
- **Foxtail Millet**
- **Barnyard Millet**
- **Kodo Millet**
- **Proso Millet**
- **Little Millet**

⁵⁶ AEPDA | E-Catalogue for Export Of Millets And Value Added Products West Bengal

⁵⁷ ibid

07. AGRICULTURAL MARKETING

The State has a dedicated department, the Directorate of Agricultural Marketing and Agricultural Foreign Trade, responsible for managing agricultural produce and its marketing. The department's primary aims are to accelerate the development of a well-functioning marketing system for agricultural products, enhance the efficiency of agricultural marketing, establish effective coordination between the Agricultural Marketing Organization and Mandi Parishad/Mandi Committees, facilitate exporters and producers, arrange exporters' conferences and seminars to encourage agricultural exports, and identify potential exportable surplus.



⁵⁸ Agmarket | Directorate of Marketing & Inspection (DMI), Ministry of Agriculture and Farmers Welfare

⁵⁹ DATA OF REGISTERED FPOs | Ministry of Agriculture & Farmers Welfare

⁶⁰ Ministry of Consumer Affairs, Food & Public Distribution | Storage of Food Grains

⁶¹ PIB | Ministry of Food Processing Industries | Food Processing Industries

⁶² e-Nam Directory | Department of Agriculture, Cooperation & Farmers' Welfare Ministry of Agriculture & Farmers' Welfare Government of India

⁶³ West Bengal State Agricultural Marketing Board | Krishak Bazar

08. POTENTIAL OPPORTUNITIES

West Bengal is one of the agriculturally rich States in India. With an overview of the State profile and geographical conditions, following segments can be focused under food processing in the State of West Bengal -

FRUITS AND VEGETABLES

The State of West Bengal presents advantageous agricultural circumstances for horticultural produce, with particular emphasis on Pineapple, Litchi, Mango, Bael, Jackfruit, and a range of vegetables including Potato, Cabbage, Carrot, Cucumber, and Okra. The esteemed "Bombai Litchi" brand holds a prestigious position in both the fresh and processed fruit sectors. Within this industry, numerous promising prospects are available, like:

- **Pineapple and Litchi processing**, including the production of pulp, juice, jams, jellies, beverages, nectar, candies, and powder.
- **Mango processing**: West Bengal's renowned mango varieties, such as, **Malda Laxman Bhog, Malda Khirsapati (Himsagar), and Malda Fazli**. These varieties can be transformed into a range of products, including pulp, juice, jams, jellies, beverages, candies, and powder.
- **Fruits and vegetables (F&V) processing**, covering the production of dehydrated and frozen F&V items using techniques, such as, IQF/Blast Freezer/Spiral Freezer can produce value-added products like Dehydrated Potato chips or flakes, Carrot puree, Frozen Cucumber slices. Additionally, dehydration and powdering of vegetables will produce products like Cabbage or Okra powder for soups & stews.





CEREALS

West Bengal is recognized as the second largest producer of high-quality rice in India. The State is famous for its “Gobindobhog” Rice and “Tulapanji” Rice varieties. Opportunities in Rice and Paddy Processing:

- **Rice Milling and Processing:** Setting up modern rice mills equipped with advanced technology for milling, sorting, grading, and packaging.
 - **Rice Bran Oil Extraction:** opportunity to produce a nutritious and versatile cooking oil.
 - **Rice Flour and Rice-based Products:** Processing rice into rice flour and producing rice-based products like rice noodles, rice flakes, rice snacks, and instant rice mixes, rice sheets, syrups, vinegar, hulls, bran, brown rice, whole kernel milled rice, brokens, rice cakes, and more. Additionally, the rice can be used to prepare ready-to-eat or ready-to-cook/ready-to-eat noodles, and various cuisines like sushi.
 - **Rice Husk Utilization:** Innovations in utilizing rice husk, a by-product of rice milling, can lead to the development of value-added products, such as, rice husk ash, briquettes, insulation materials, and eco-friendly packaging solutions.
- **Latest Innovations and Technologies for Rice Processing:** Smart Rice Milling: (computerized control systems, automated milling processes, and sensor-based sorting techniques, Precision Sorting and Grading (separation of rice grains based on size, shape, and colour, ensuring consistency and uniformity in the final product), Fortification and Value Addition (to enhance the nutritional value of rice, , such as, adding vitamins, minerals, or fiber during processing), Solar Drying and Energy Efficiency (reduces energy consumption, enhances product quality, and promotes sustainable and eco-friendly processing practices.

⁶² UP Global Investors Summit 2023 Brochure

⁶³ RBI | Handbook of India Statistics

TEA PROCESSING & BEVERAGES

West Bengal is one of the largest tea-producing States in India, and it produces a wide variety of teas, such as, Darjeeling tea (black tea), CTC Tea, Green Tea, White Tea, and Oolong Tea. Darjeeling Tea is highly regarded and cherished by tea connoisseurs worldwide for its exquisite taste, rich history, and the natural beauty of its place of origin. The following can be potential opportunities:

- **Diverse Processed Products:** Tea leaves can be processed into various products, like - Tea Bags, Instant Tea (instant tea powder or granules), Flavoured Tea (infused or blended with various natural flavours, such as, fruits, herbs, or spices, to create flavoured tea varieties like fruit-infused teas, herbal teas, or chai teas), Tea Extracts (for flavoured drinks, desserts, and confectionery), Tea Concentrates (for making tea-based beverages like drink mixes etc.), Tea-Infused Food Products (tea-infused chocolates, ice creams, or sauces) , etc.
- **Ready-to-Drink Tea:** Brewed tea can be packaged and sold as ready-to-drink beverages, available in different flavours and formulations, such as, iced tea, bottled tea, or tea-based energy drinks.
- **Health Benefits:** Darjeeling Tea offers many health benefits and is a healthy alternative to coffee and sugar-laden energy drinks. It is known for its antioxidants and may aid in relaxation and overall well-being. When brewed, Darjeeling Tea produces a pale lemon to rich amber-coloured liquor. It has a complex and pleasing taste with a delicate flavour.



MEAT AND MARINE

West Bengal's fisheries and meat sectors offer an opportunity to tap into a growing market and cater to the rising demand for value-added fish products and a diverse range of meat-based products.

- **Value-Added Fish Products:** Products, such as, fish cutlets, fish balls, fish pickles, prawn pickles, fish soup powder, fish wafers, and ready-to-serve fish curry in flexible pouches can be developed, catering to diverse consumer preferences.
- **Meat Production Potential:** West Bengal stands as the third-largest producer of meat in the country. This highlights the significant market and demand for meat-based products within the State.
- **Diversified Meat Products:** There are various meat-based products, including meat-based soups and stocks, sausages, deli meats, and meat-based snacks. Chicken or mutton samosas, kebabs, sausages, and meatballs are examples of popular meat snacks that can be manufactured and marketed.

09. GOVERNMENT OF INDIA SCHEMES FOR FOOD PROCESSING

9.1 SCHEMES UNDER MINISTRY OF FOOD PROCESSING INDUSTRIES⁶⁴

Support rendered under the scheme of Ministry of Food Processing Industries, Government of India are mentioned below:

9.1.1 PRADHAN MANTRI KISAN SAMPADA YOJANA (PMKSY)

Brief of Scheme

Given the nature and size of processing units operating in the food processing sector, investment requirements in basic infrastructure and common facilities are enormous. In order to attract private investment to the food processing sector, the Ministry of Food Processing Industries has taken various initiatives through schemes to develop infrastructure, expand processing capacity, and provide other supportive measures for the healthy growth of the industry. To streamline these efforts, all these schemes have been integrated under a comprehensive program called the Pradhan Mantri Kisan Sampada Yojana (PMKSY), which was launched on May 3rd, 2017.

PMKSY has the following component schemes.

- Mega Food Parks
- Integrated Cold Chain and Value Addition Infrastructure
- Creation/Expansion of Food Processing & Preservation Capacities (Unit Scheme)
- Infrastructure for Agro-Processing Clusters
- Creation of Backward and Forward Linkages
- Food Safety and Quality Assurance Infrastructure
- Human Resources and Institutions
- Operation Greens

PMKSY is a comprehensive package that aims to establish modern infrastructure with efficient supply chain management, spanning from the farm gate to the retail outlet. This initiative not only provides a significant boost to the growth of the food processing sector in the country but also contributes to better returns for farmers. It is a crucial step towards doubling farmers' income, generating substantial employment opportunities, particularly in rural areas. Additionally, it helps reduce agricultural produce wastage, promotes higher levels of processing, and enhances the export of processed foods.

⁶⁴ MoFPI | Annual Report (2022- 2023)

Initially approved with a budget of INR 6,000 Crore for the period 2016-20, aligned with the 14th Finance Commission cycle, PMKSY's timeline was subsequently extended to FY 2020-21. The Government has now decided to restructure the component schemes for implementation during the 15th Finance Commission, with a total outlay of INR 4,600 crore. This revision includes the provisions for committed liabilities of its component schemes such as Mega Food Park, Creation of Backward & Forward Linkages, and Human Resources and Institution - Skill Development, Promotion Activities and HACCP, as these components have been discontinued in the 15th FC cycle. The component scheme continued during the 15th Finance Commission Cycle for new projects are:

- **Integrated Cold Chain and Value Addition Infrastructure (ICC)**
- **Creation/Expansion of Food Processing & Preservation Capacities (CEFPPC)**
- **Infrastructure for Agro-Processing Clusters (APC)**
- **Food Safety and Quality Assurance Infrastructure (FTL)**
- **Human Resource and Institutions - R&D**
- **Operation Greens**

9.1.2

PRADHAN MANTRI FORMALISATION OF MICRO FOOD PROCESSING ENTERPRISES SCHEME (PMFME)

Introduction

In line with the Aatmanirbhar Bharat Abhiyan initiative, the Ministry of Food Processing Industries (MoFPI) has introduced a nationwide centrally sponsored scheme called the "PM Formalisation of Micro food processing Enterprises (PMFME) Scheme." This scheme aims to provide financial, technical, and business support to establish or upgrade micro food processing enterprises. It was approved by the Union Cabinet on 20th May 2020, and the scheme's guidelines were issued on 19th June 2020. The PMFME Scheme will be implemented over a period of five years, from 2020-21 to 2024-25, with a budget allocation of INR 10,000 Crore. The scheme aims to directly assist two lakh micro food processing units by providing credit-linked subsidies.

Objectives

Recognizing the significance of unorganized micro food processing enterprises and the obstacles they face; the Ministry of Food Processing Industries (MoFPI) is implementing the scheme by providing a comprehensive package of support and services. The objectives of the scheme are as under:

- **Increased access to credit by existing Micro Food Processing entrepreneurs, FPOs, Self Help Groups and Co-operatives.**
- **Integration with organized supply chain by strengthening branding & marketing**
- **Support for transition of existing 2,00,000 enterprises into formal framework.**
- **Increased access to common services like common processing facility, laboratories, storage, packaging, marketing, and incubation services.**
- **Strengthening of institutions, research, and training in the food processing sector.**
- **Increased access for the enterprises to professional and technical support.**

Provisions under the Scheme

Support for setting up / upgradation of Micro Food Processing Enterprises

- Support for setting up of new micro food processing enterprises and for upgradation of existing micro food processing enterprises are provided under the scheme.
- Organizations such as Individual entrepreneurs/ Proprietorship Firms/ Partnership Firms/ FPOs / NGOs / Cooperatives/ SHGs / Pvt. Ltd. Companies, who have established or propose to establish micro food processing unit, are eligible for financial assistance under the Scheme.
- Credit-linked capital subsidy @35% of the eligible project cost, maximum ceiling INR 10 lakhs per unit. Eligible project cost comprises cost of plant and machinery and technical civil work, but excludes cost of land/ rental or lease work shed. However, technical civil work should not be more than 30% of the eligible project cost.
- Beneficiary contribution - minimum of 10% of the project cost, balance loan from Bank.
- Applicant/Enterprise is eligible for bank loan under the Scheme, even if he has availed bank loan in other Subsidy Linked Schemes of Government. Applicant is also eligible for Interest Subvention and Top Up convergence with other relevant Government Sponsored Schemes. Lending Banks may consider sanctioning need based working capital limit to the beneficiaries, as admissible. However, no subsidy is provided on the working capital.

Support for setting up of common infrastructure Facilities

- Organisations such as Farmer Producer Organisations (FPOs)/ Farmer Producer companies (FPCs)/ Cooperatives/Self Help groups (SHGs) and its Federation/Govt. agencies, who have established or propose to establish food processing line along with common infrastructure/value chain/incubation centres are eligible for financial assistance under this component of the Scheme.
- Credit-linked capital subsidy @35% of the eligible project cost, maximum ceiling INR 3 Crore per unit would be provided. Eligible project cost comprises cost of plant and machinery and technical civil work but excludes cost of land/rental or lease work shed. However, technical civil work should not be more than 30% of the eligible project cost.
- Total eligible project cost should not exceed INR 10 Crore. There will be no pre condition of minimum turnover and experience of the applicant organization.
- The applicant organization's contribution should be minimum of 10% of the project cost with balance required funds being loan from Bank. Before applying on the portal, the applicant organization is also required to submit in-principal approval from the lending bank for the loan envisaged in the means of finance of the project.
- Assistance of INR 50,000/- per case is provided to the applicant organisation for preparation of Detailed project report.

Support to Self-Help Groups (SHGs)

- Seed capital @ INR 40,000/- per member of SHG for working capital and purchase of small tools
- Seed capital to be given as grant to the SHG Federations which should provide as a loan to the members of SHGs

Branding and Marketing Support

- Grant upto 50% for Branding and Marketing support to groups of FPOs/ SHGs/ Cooperatives or an SPV of micro food processing enterprises. It is to be provided for ODOP product at the State or regional level.
- Developing a common brand and packaging including standardization and common packaging for branding.
- Marketing tie-up with national and regional retail chains and state level institutions; and Quality control to ensure product quality meets required standards.
- Support to the said activity under provisions of marketing and branding could also bring competitive price realisation according to the targeted market and customer base.

Capacity Building

The capacity development aspect of the Scheme encompasses a wide range of initiatives aimed at empowering institutions, individuals, and groups. Training plays a pivotal role within this component. The Scheme aims to provide training to various stakeholders, including trainers such as Master Trainers and District Level Trainers, as well as District Resource Persons. Additionally, both existing and new food processing entrepreneurs, along with members of different groups such as Self-Help Groups (SHGs), Farmer Producer Organizations (FPOs), and Cooperatives, engaged in food processing activities, will receive training through the Food Processing Entrepreneurship Development Program. District Resource Persons (DRPs) are appointed by State Nodal Agencies (SNAs) to provide ongoing support to beneficiaries, including assistance with application filing, preparation of Detailed Project Reports (DPR), and guidance for formalization and operationalization processes.

9.1.3

PRODUCTION LINKED INCENTIVE SCHEME FOR FOOD PROCESSING INDUSTRY (PLISFPI)

The food processing industry in India includes manufacturing enterprises at all scales, ranging from micro to large industries. India possesses a competitive advantage due to its abundant resources, a sizable domestic market, and opportunities for promoting value-added products. To unlock the full potential of this sector, Indian companies need to enhance their competitive strength compared to global counterparts in terms of output scale, productivity, value addition, and their integration into the global value chain.

The Central Sector Scheme known as the Production Linked Incentive Scheme for Food Processing Industry (PLISFPI) aims to support the establishment of global food manufacturing champions in line with India's abundant natural resources. It also aims to promote Indian food product brands in international markets. The scheme has a budget allocation of INR 10,900 crore. The PLISFPI has been developed based on the Production Linked Incentive scheme of NITI Aayog under the "Aatma Nirbhar Bharat Abhiyaan for Enhancing India's Manufacturing Capabilities and Enhancing Exports." The scheme will be implemented over a period of six years, from 2021-22 to 2026-27.

The objectives of the scheme are to provide support to food manufacturing entities that meet the specified minimum sales criteria and are willing to make the required minimum investment for expanding their processing capacity. The scheme also aims to offer branding support for promoting Indian brands in international markets, with the intention of incentivizing the development of strong Indian food product brands. The scheme seeks to not only facilitate the establishment of global food manufacturing champions but also to enhance the presence and acceptance of selected Indian food product brands in international markets. In addition, the scheme aims to generate more employment opportunities in non-farm sectors, ensure better prices for agricultural produce, and increase income for farmers.

The first component of the Scheme focuses on providing incentives for the manufacturing of four primary food product segments, namely *Ready to Cook/ Ready to Eat (RTC/ RTE) foods, including products based on millets, processed fruits & vegetables, marine products, and mozzarella cheese.* The second component is dedicated to the production of innovative and organic products by Small and Medium Enterprises (SMEs) in these four segments. This includes products such as free-range eggs, poultry meat, and egg products. The third component is centered around offering support for branding and marketing activities overseas. This aims to encourage the development of strong Indian brands through in-store branding, renting of shelf space, and marketing initiatives.

An additional element pertaining to Millet Based Products was incorporated into the scheme. This inclusion aimed to promote the utilization of millets in Ready to Cook/Ready to Eat (RTC/RTE) products and provide incentives for their value addition and sale in both domestic and export markets under the PLI Scheme. The millet-based products with over 15% millet content by weight/volume are covered under this component.

Approved Applications under PLISFPI Scheme

SCHEME	SEGMENT	NO. OF APPROVALS	TOTAL
CATEGORY 1	RTE/RTC	12	56
	Fruits & Vegetables	29	
	Marine	11	
	Mozzarella Cheese	4	
CATEGORY 2	Innovative	2	16
	Organic	14	
CATEGORY 3	B&M	78	78
PLISMBP	Large Entities	8	30
	MSME	22	

Achievements of MoFPI schemes in West Bengal (as on date: 31.05.2023)⁶⁵

PRADHAN MANTRI KISAN Sampada YOJANA (PMKSY) SCHEME

SCHEME NAME	NO. OF PROJECTS APPROVED	TOTAL PROJECT COST (INR CR.)
COLD CHAIN	15	416.28
MEGA FOOD PARK	1	132.70
CEFPPC UNIT	15	300.52
CREATION OF BACKWARD AND FORWARD LINKAGES	1	13.07
FOOD TESTING LABORATORY	10	27.64

PRODUCTION LINKED INCENTIVE SCHEME FOR FOOD PROCESSING INDUSTRY (PLISFPI)

SCHEME NAME	NO. OF PROJECTS APPROVED	TOTAL PROJECT COST (INR CR.)
FOOD PROCESSING FACTORIES UNDER PLI (production linked incentive)	9	143.44

⁶⁵ Ministry of Food Processing Industries

9.2 SCHEMES BY ALLIED MINISTRIES

Support rendered under various schemes of Allied Ministries of the Government of India is mentioned below:

1 **Mission for Integrated Development of Horticulture (MIDH) Scheme⁶⁶**

A centrally sponsored scheme under the Ministry of Agriculture and Farmers Welfare for the holistic growth of the horticulture sector covering fruits, vegetables, root & tuber crops, mushrooms, spices, flowers, aromatic plants, coconut, cashew, cocoa, and bamboo. Under MIDH, financial assistance is provided for following major interventions/activities:

- Setting up of nurseries, tissue culture units for production of quality seed and planting material;
- Area expansion i.e. Establishment of new orchards and gardens for fruits, vegetables, and flowers;
- Rejuvenation of unproductive, old, and senile orchards;
- Protected cultivation, i.e. poly-house, green-house, etc, to improve the productivity & grow off season high value vegetables and flowers;
- Organic farming and certification;
- Creation of water resources structures and watershed management;
- Bee-keeping for pollination;
- Horticulture Mechanization;
- Creation of Post Harvest Management and Marketing infrastructure.

2 **National Agriculture Infra Financing Facility (NAIFF) Scheme⁶⁷**

The National Agriculture Infra Financing Facility (NAIFF) is an online single window facility under the aegis of the Department of Agriculture & Farmers Welfare. The objective of the initiative is to provide impetus for development of farm gate & aggregation point, affordable and financially viable Post Harvest Management infrastructure, with a financing facility worth INR 1,00,000 Crores, by converging all schemes of central & State governments.

3 **Fisheries and Aquaculture Development Infrastructure Fund (FIDF)⁶⁸**

Government of India has created a dedicated fund, FIDF, implemented by the National Fisheries Development Board with a total fund outlay of INR 7522.48 crore (US\$ 940.31 Million). Under FIDF, creation of fisheries infrastructure facilities both in marine and inland fisheries sectors are augmented, including fishing harbours, fish landing centres, construction of ice plants, cold storage, transport facilities etc.

⁶⁶ Mission for Integrated Development of Horticulture (MIDH)

⁶⁷ National Agriculture Infra Financing Facility

⁶⁸ Department Of Fisheries

4 Pradhan Mantri Matsya Sampada Yojana (PMMSY) Scheme⁶⁹

Pradhan Mantri Matsya Sampada Yojana (PMMSY) is a flagship scheme under the Department of Fisheries, Ministry of Fisheries, Animal Husbandry and Dairying to facilitate the Blue Revolution, promoting sustainable and accountable growth in the fisheries industry in India, an approximate investment of INR 20050 crores (US\$ 2.51 Billion) has been allocated. This investment aims to ensure comprehensive development of the fisheries sector, while also prioritizing the well-being of fishers. Supporting activities under PMMSY:

- Enhancement of Production and Productivity
- Infrastructure and Post-harvest management
- Fisheries management & Regulatory framework

5 Animal Husbandry Infrastructure Development Fund (AHIDF)⁷⁰

The Department of Animal Husbandry and Dairying is implementing the Animal Husbandry Infrastructure Development Fund (AHIDF) scheme with an outlay of INR 15000 crore (US\$ 1.88 Billion) under the Atma Nirbhar Bharat Abhiyan stimulus package. The objective of the scheme is to help increase milk and meat processing capacity and product diversification in the country.

6 Dairy Processing & Infrastructure Development Fund (DIDF)⁷¹

DIDF is implemented with a total outlay of INR. 11,184 crores with National Bank for Agriculture and Rural Development (NABARD), comprising a corpus fund of INR 8004 crores have been set up for the creation of dairy processing infrastructure. The objective is to provide subsidized loans @6.5% to capital-stressed milk cooperatives for replacing their decades-old chilling and processing plants and addition of value-added product plants. The National Dairy Development Board (NDDB) is the implementing agency of the fund.

7 Agriculture Export Promotion Plan Scheme of APEDA (Agricultural and Processed food Products Export Development Authority)⁷²

The Agriculture Export Promotion Plan Scheme of APEDA supports the development and promotion of export of products like, Fruits, vegetables and their products, Meat and meat products, Poultry and poultry products, Dairy products, Confectionary, biscuits, and bakery products, etc. The scheme is designed to boost agricultural product exports, offers support to exporters by addressing challenges in the industry. It accomplishes this by understanding exporter difficulties, providing necessary assistance to overcome obstacles, and offering financial aid in areas such as export infrastructure development, quality enhancement, and market expansion. The scheme focuses on three broad components viz,

- Infrastructure Development
- Market Development
- Product Quality Development

8 Credit Linked Capital Subsidy Scheme (CLCSS) of Ministry of MSME (Ministry of Micro, Small and Medium Enterprises)⁷³

The objective of the CLCSS Scheme is to facilitate technology up-gradation in MSEs by providing interest subsidy on upgrade of plant & machinery with state-of-the-art technology. The scheme provides an upfront capital subsidy of 15% (on institutional finance of upto INR 1 crore availed by them) for induction of well-established and improved technology.

⁶⁹ Pradhan Mantri Matsya Sampada Yojana

⁷⁰ Animal Husbandry Infrastructure Development Fund (AHIDF) | Department of Animal Husbandry and Dairy

⁷¹ Dairy processing & Infrastructure Development Fund (DIDF) | Department of Animal Husbandry and Dairy

⁷² Agriculture And Processed Foods Export Promotion Scheme of APEDA for the 15th Finance Commission Cycle (2021-22 To 2025-26)

⁷³ Credit Linked Capital Subsidy Scheme for Technology Upgradation | Ministry of Micro, Small & Medium Enterprises Credit Linked Capital Subsidy Scheme

9

Venture Capital Assistance Scheme of SFAC (Small Farmers' Agri-Business Consortium)⁷⁴

Venture Capital Assistance is financial support in the form of an interest-free loan provided by SFAC (Small Farmers' Agri-Business Consortium) to qualifying projects to meet the shortfall in the capital requirement for the implementation of the project.

10

A Scheme for Promotion of Innovation, Rural Industry and Entrepreneurship (ASPIRE)⁷⁵

ASPIRE- A scheme for promotion of Innovation, Rural Industry and Entrepreneurship, is being implemented by the Ministry of Micro, Small & Medium enterprises (MSME). The objective of the scheme is to set up a network of technology centres and to set up incubation centers to accelerate entrepreneurship and to promote startups for innovation in the agro-industry. The scheme also envisages programmes to facilitate Forward and Backward linkages with multiple value chain of manufacturing and service delivery will also be put in place

11

Pradhan Mantri Kaushal Vikas Yojana (PMKVY)⁷⁶

PMKVY is the flagship scheme of the Ministry of Skill Development & Entrepreneurship (MSDE), implemented by National Skill Development Corporation. The objective of the PMKVY scheme is to encourage and promote skill development in the country by providing free short-duration skill training and incentivizing this by providing monetary rewards to youth for skill certification. The overall idea was to boost the employability of youth corresponding to the industrial demand. The scheme can be leveraged for skill development in the food processing sector



⁷⁴ Small Farmers' Agri-Business Consortium | Venture Capital Assistance Scheme

⁷⁵ A Scheme For Promotion Of Innovation, Rural Industries & Entrepreneurship (ASPIRE) | Ministry of Micro, Small & Medium Enterprises

⁷⁶ Pradhan Mantri Koshal Vikas Yojana | Ministry of Skill Development & Entrepreneurship

9.3

GOVERNMENT OF INDIA INCENTIVES FOR THE FOOD PROCESSING SECTOR

Income tax incentive to the Food Processing sector⁷⁷

- 100% deduction on profits and gains for new Food Processing Units for the initial 5 assessment years and 25% (30% for companies) for the next 5 years.
- 100% deduction on the expenditure on capital invested for setting up and operating Cold Chain and Warehouse Storage facilities for agricultural produce.



Agro-Processing included in Priority Sector Lending

- Loans for food and agro-processing up to an aggregate sanction limit of INR 100 crore per borrower classified under agricultural activity for Priority Sector Lending (PSL) - RBI Master Directions dated 4th September, 2020.
- Loans to MSMEs engaged in "food and agro-processing" are eligible for classification under Priority Sector Lending (PSL).



100% FDI permitted

- 100% FDI permitted under automatic route in manufacturing of food products since 2016-17.
- 100% FDI allowed through government-approval route for retail trading, including through e-commerce, in respect of food products manufactured/ produced in India since 2016-17.



Automatic Route

Under the Automatic Route, the non-resident investor or the Indian company does not require any approval from the Government of India for the investment.

Government Route

Under the Government Route, prior to investment, approval from the Government of India is required. Proposals for foreign direct investment under Government route, are considered by respective Administrative Ministry/ Department.

⁷⁷ "Key Reforms in the Food Processing Sector Since 2014-15" | MoFPI

10. STATE GOVERNMENT INITIATIVES AND SCHEMES

West Bengal has always endeavoured to provide a hassle-free business environment to enable investors. The West Bengal State Government has implemented numerous reforms to create a conducive and investor-friendly business environment for those interested in establishing their businesses within the State. The table below highlights some of the key initiatives undertaken by the State Government:

The Single Desk Portal "Silpasathi"



West Bengal is a comprehensive One-Stop-Shop for all investment & business-related information and services, providing unified access to multiple regulatory authorities and facilitating electronic payments for all clearances. It helps in maintaining time-bound delivery of services, promoting transparency and facilitate various incentives available to the businesses. It has brought much needed reforms to promote Ease of Doing Business in the State⁷⁸.

 silpasathi.wb.gov.in

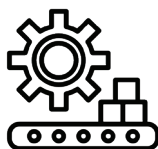
A. Central Industrial Land Bank Portal



Industrial parks serving as a one-stop repository of all infrastructure-related information, such as, connectivity, infra, natural resources and terrain, plot-level information on vacant plots, and contact details.

 iis.ncog.gov.in/parks/login1

Export Promotion Policy⁷⁹



To boost exports, to enhance ease of doing exports, strengthening of export infrastructure, better framework, and enhance exportability of goods from State.

Logistic Park Development and Promotion Policy 2018⁸⁰



Aimed at developing a robust logistics strategy in the State, to attract foreign and domestic investments, safe and sustainable logistics hub which will be global in reach and leveraging the multiplier effect.

⁷⁸ Invest West Bengal | SilpaSathi Single Window Portal

⁷⁹ Export Promotion Policy | Industry, Commerce & Enterprises Department | Government of West Bengal

⁸⁰ Logistics Park Development and Promotion Policy of West Bengal 2018

Key incentives introduced by State Government of West Bengal for the food processing industry and other industrial units under its major policies are summarized in the table below:

KEY INITIATIVES	BANGLASHREE FOR MICRO, SMALL AND MEDIUM ENTERPRISES 2020-2025 ⁸¹	
	Category of Enterprises: Micro/Small	Category of Enterprises: Medium
Capital Subsidy	<ul style="list-style-type: none"> State Capital Investment Subsidy on the investment in the State as follows: For Micro Enterprises investment in: <ol style="list-style-type: none"> Zone C: 25 % of the fixed capital investment Zone D: 40 % of the fixed capital investment Zone E: 60 % of the fixed capital investment For Small Enterprises investment in: <ol style="list-style-type: none"> Zone C: 15 % of the fixed capital investment Zone D: 30 % of the fixed capital investment Zone E: 40 % of the fixed capital investment For Micro and Small Enterprises owned wholly by Women, SC/ST or minority investors investing in: <ol style="list-style-type: none"> Zone C, D, E: Additional 20% of capital investment admissible as State above Zone A and Zone B: 15% and 10% of the capital investment for Micro and Small enterprises respectively <p>*The subsidy normally admissible and additional subsidy taken together will not exceed INR 50 Lakh for a Small Enterprise located in Zone C & D area and will not exceed INR 75 Lakh for a Small Enterprise located in Zone E area.</p>	
Interest Subsidy	<p>Micro & Small Enterprises for a period of 5 (five) years from the date of disbursement of the loan is as follows:</p> <ol style="list-style-type: none"> Zone A & B: Subsidy @ 55 % on the interest liability Zone C, D & E: Subsidy @ 70 % on the interest liability 	<p>Subsidy @ 25 % on interest liability paid towards term loans from Banks/Financial Institutions for setting up of Medium Enterprises in Zone B, C, D & E for a period of 5 (five) years from the date of disbursement of the loan subject to a ceiling of INR 175 Lakhs per annum.</p>

⁸¹ Department of Micro, Small and Medium Enterprises and Textiles | Government Of West Bengal

KEY INITIATIVES
BANGLASHREE FOR MICRO, SMALL AND MEDIUM ENTERPRISES 2020-2025⁸¹
Category of Enterprises: Micro/Small
Category of Enterprises: Medium
Waiver of Electricity Duty
Reimbursement of electricity duty on electricity consumption is as follows:

- a) Zone A & B: 50 % of electricity duty for a period of 5 years
- b) Zone C, D & E: 75 % of electricity duty for a period of 5 years

All eligible micro and small enterprises wholly owned by women, SC/ST and minority entrepreneurs are granted reimbursement @ 100% for a period of 5 years subject to ceiling of INR 10 Lakhs per annum

Reimbursement of electricity duty on electricity consumption is as follows:

- a) Zone B & C: 100 % of electricity duty for a period of 5 years subject to a ceiling of INR 25 Lakhs per annum
- b) Zone D & E: 100 % of electricity duty for a period of 5 years and 75 % of electricity duty from 6th to 10th year subject to a ceiling of INR 50 lakhs per annum

Power Subsidy

- Subsidy @ INR 1 per unit on power tariff for a period of 5 (five) years from the date of commercial production for Micro and Small Enterprises located in Zone A & B*
- Subsidy @ INR 1.5 per unit on power tariff for a period of 5 (five) years for enterprises located in Zone C, D & E*

* Subject to ceiling of INR 10 Lakhs and 20 Lakhs for Micro and small enterprises respectively

- Subsidy @ INR 1 per unit on power tariff for a period of 5 (five) years from the date of commercial production for Micro and Small Enterprises located in Zone A & B*
- Subsidy @ INR 1.5 per unit on power tariff for a period of 5 (five) years for enterprises located in Zone C, D & E*

*Subject to a ceiling of INR 30 Lakhs per annum

Subsidy of Energy Efficiency

- Reimbursement @ 50% of the cost of energy audit undertaken by a certified agency to be granted post-implementation of the recommendations
- Reimbursement @ 25% of the cost of installations for energy conservation as per energy audit subject to a maximum INR 2 Lakhs

KEY INITIATIVES	BANGLASHREE FOR MICRO, SMALL AND MEDIUM ENTERPRISES 2020-2025 ⁸¹	
	Category of Enterprises: Micro/Small	Category of Enterprises: Medium
Stamp Duty	Micro & Small Enterprise: Zone – A - 25% Zone – B - 50% Zone – C - 75% Zone – D & E - 100%	<ul style="list-style-type: none"> • 75% Reimbursement of Stamp Duty and registration fee on purchase of land/shed /buildings in Zone B, C, D, E.
Subsidy for State Goods and Services Tax (SGST)	The State Government shall provide West Bengal GST (WBGST) remission to eligible micro and small industrial units on sale of finished goods/by products within the State for a period of 8 (eight) years from the date of commencement of commercial production as follows: Zone B & C: 30% of WBGST subject to a ceiling of 75% of fixed capital investment. Zone D & E: 50% of WBGST subject to a ceiling of 75% of fixed capital investment.	
Subsidy for Water conservation/ Environment Compliance	An eligible micro or small enterprise to a reimbursement of 50% of expenditure incurred by it towards cost of captive Effluent Water Treatment Plant for wastewater recycling and/ or other pollution control devices subject to a maximum of INR 2 lakh.	
Subsidy on cost incurred on Quality Control Measures	Subsidy @ 50 % on the cost of quality certifications and patent registration for micro or small enterprises subject to a maximum of INR 5.00 lakh each.	Subsidy @ 50 % on the cost of patent registration for medium enterprises subject to a maximum of INR 5.00 lakh.

11. REGULATORY FRAMEWORK: REGISTRATION/NOCS/ LICENSES

Table below represents the indicative information regarding Regulatory Mechanism available in the State.

FOR STARTING OPERATIONS

S.No	Name of Service	Authority/ Agency/ Office/ Department officer granting approval
1.	Registration under FSSAI Act,2006, Regulation 2011	FSSAI, Government of India Health & Family Welfare Department, & Food Safety
2.	License under FSSAI Act,2006, Regulation 2011	FSSAI, Government of India Health & Family Welfare Department, & Food Safety
3.	NOC (Fire Safety Certificate)	Fire & Emergency Services
4.	Registration under Professional Tax	Finance Department
5.	Factory Registration / licensing	Directorate of Factories, Labour Dept.
6.	Registration of shops & establishments	Labour Commissionerate, Labour Dept.
7.	Boiler registration	Directorate of Boilers-Department of Labour Employment Training and Factories
8.	Fire License	Fire & Emergency Services
9.	Trade License	Department Of Urban Development and Municipal Affairs
10.	Registration of Establishment of Principal Employer and Amendment of Certificate of Registration under Contract Labour (Regulation of Abolition) Act, 1970 and Rules framed thereunder	Labour Commissionerate, Labour Dept.
11.	Registration of Establishment of Principal Employer and amendment of certificate of Registration under the Inter- State Migrant Workmen (Regulation of Employment and Condition of Services) Act. 1979 and Rules framed thereunder	Labour Commissionerate, Labour Dept.

FOR SETTING UP OF BUSINESS

S.No	Name of Service	Authority/ Agency/ Office/ Department officer granting approval
12.	Property registration process	Finance (Directorate of Registration & Stamp Revenue)
13.	Land allotment process	IC & E (WBIDC)
14.	Building Plan Approval	Directorate of Factories, Labour Dept.
15.	Approval of plan and permission to construct/extend/or take into use any building as a factory under the Factories Act, 1948	Directorate of Factories, Labour Dept.
16.	Registration and Renewal of Boilers & Approval for boiler manufacturers and renewal under The Boilers Act, 1923	Directorate of Boilers, Labour Dept.
17.	Allocation/Permission for Surface Water if Surface Water is the Source & Permission for extraction of ground water	Water Resources Investigation & Development Department
18.	Fire Safety Recommendation	Fire & Emergency Services
19.	Consent to Establish under Water and Air Act	West Bengal Pollution Control Board
20.	Electricity Connection	Department of Power
21.	Building Occupancy Certificate	Directorate of Factories, Labour Dept.
22.	Approval of change of land use for Industrial purpose	Finance (Directorate of Registration & Stamp Revenue)
23.	Registration of Partnership Firms	Department of Industry, commerce and Enterprises

12. MAJOR PLAYERS IN FOOD PROCESSING AND ALLIED SECTORS

BENEFICIARIES UNDER PLI SCHEME OF MOFPI, GOVERNMENT OF INDIA

NAME OF THE FIRM	LOCATION
ITC Limited	Howrah
Keventer Agro Ltd	Kolkata
Parle Biscuits Private Limited	Hooghly, Siliguri
Tata Consumer Products Limited	Kolkata
Prataap Snacks Limited	Howrah

BENEFICIARIES UNDER MEGA FOOD PARK SCHEME (MFP) (OPERATIONAL UNITS)

NAME OF THE FIRM	LOCATION
Jangipur Mega Food Park Ltd., Murshidabad	Murshidabad

BENEFICIARIES UNDER CREATION OF BACKWARD AND FORWARD LINK-AGES UNIT, UNDER PMKSY SCHEME OF MOFPI, GOVERNMENT OF INDIA (OPERATIONAL UNITS)

NAME OF THE FIRM	LOCATION
Yaduka Agrotech Pvt Ltd	Kolkata

BENEFICIARIES UNDER INTEGRATED COLD CHAIN AND VALUE ADDITION INFRASTRUCTURE SCHEME, UNDER PMKSY SCHEME OF MOFPI, GOVERNMENT OF INDIA (OPERATIONAL UNITS)

NAME OF THE FIRM	LOCATION
Ascon Agro Products Exporters & Builders Pvt. Ltd.	Hooghly
Keventer Agro Ltd.	North 24 Pargana
Prime Cold Stores Pvt. Ltd.	Howrah
Basukinath Food Processors (P) Ltd	Paschim Medinipur
Shimla Horticulture	Howrah
Amicus Healthcare Services and Solution Pvt. Ltd.	South 24 Pargana
Revati Commercial Pvt. Ltd	Hooghly
MegaaModaPvt. Ltd.	Howrah
NDM Sea Food Processors and Exporters Pvt. Ltd.	Hooghly
Shalimar Hatcheries Limited	Bardhaman
Sagar Multipurpose Storage Pvt. Ltd.	Howrah
Pasupati Aquatics Pvt Ltd	Medinipur

BENEFICIARIES UNDER CREATION / EXPANSION OF FOOD PROCESSING & PRESERVATION CAPACITIES (CEFPPC) SCHEME, UNDER PMKSY SCHEME OF MOFPI, GOVERNMENT OF INDIA (OPERATIONAL UNITS)

NAME OF THE FIRM	LOCATION
M/s Mahananda Food Pvt. Ltd	Darjeeling
M/s Shiv Industries (Food) Pvt. Ltd	Murshidabad
M/s Dream Bake Private Limited	Howrah
M/s K P Saha Private Ltd	East Bardwan
M/s Suryodaya Power Protiens Pvt Ltd	Howrah

13. LIST OF FARMER PRODUCER ORGANISATIONS

A total of 404 Farmer Producer Organisations (FPO) are present in the State of West Bengal and out of these the following indicative list represents FPOs with major crop/produce production of the State. The details of FPOs in the State are available at APEDA Farmer Connect FPO Directory.

NAME OF THE FIRM	ADDRESS / CONTACT	COMMODITY
Krishanagar Sabujayan Farmers Producer Company Limited	Village- Palda Muragachha, P.O-Charuitipi	Mango, Litchi & Coconut
Beliatore Agri Producer Company Limited	Village P.O. Beliatore, Fulbari, District Bankura	Paddy, Brinjal, Lady Finger/Okra
Chhatna Agro Producer Company Limited	Chamkara Chhatna, Bakura, Chhatna - 722132	Paddy, Cabbage, Tomato, Brinjal, Onion
Tarasankar Panchagram Producer Company Ltd	Labpur, Birbhum	Lime, Cucumber, Vegetables, Spine Gourd, Kudri, Ridge Gourd, Pointed Gourd, Lady's Finger, Green Papaya, Bitter Gourd, Bottle Gourd, Brinjal etc.
Bhangar Vegetable Producer Company Ltd.	At : Bhogali-II, G.P office, Ground Floor, Kathaliya Bus Stand, Bhangar - II block, Tal : Baruipur, Dist : South Chuobish Parganas, West Bengal	Capsicum, Cauliflower, Beans
Hooghly Sugandha Farmer Producer Company Limited	Jagannathbati (Near Baiswalkhmi Mandir), P.O-Sugandhya, Block-Polba- Dadpur Dist-Hooghly, Pin-712102	Mango, Potato, Papaya, Paddy, Tomato, Lady Finger ,Capsicum, Beans, Brinjal
Bhahuda Fpo Macs Ltd	Bahudha Fpo Macs Ltd. D. No.8- 41t, 163 Opposite To Venkateswara Rice Mill, Kanduru Road, Nimmanapa	Groundnut, Paddy, Tomato, Ragi, Mulberry, Green Chilli, Potato, Mango
Avant Garde Farmers Producer Company Limited	Lohachur, Purbasthali, Burdwan - 713153, West Bengal, India	Paddy, Potato, Onion
Bagmundi Sindhri Agro Producer Company Limited	Mauja, Pratap Pur, Bagmundi, Bagmundi - 723143, West Bengal, India	Tomato, Chilli,
Bangalbari Modern Agricultural Farmers Producer Company Limited	Vill+P.O-Dodhikotbari, P.S-Hemtabad, Dist-Uttar Dinajpur, State-West Bengal, PIN-733134	Wheat, Maize, Paddy, Potato
Adriti Farmers Producer Co. Ltd.	Vill-Tenganmari, P.o-Rajarhat, Dist-Coochbehar, Pin-736165	Sale of Milk, Others, allied products

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