



सत्यमेव जयते

FOOD PROCESSING

Towards Sustainable Growth Opportunities



MAHARASHTRA

MAHARASHTRA

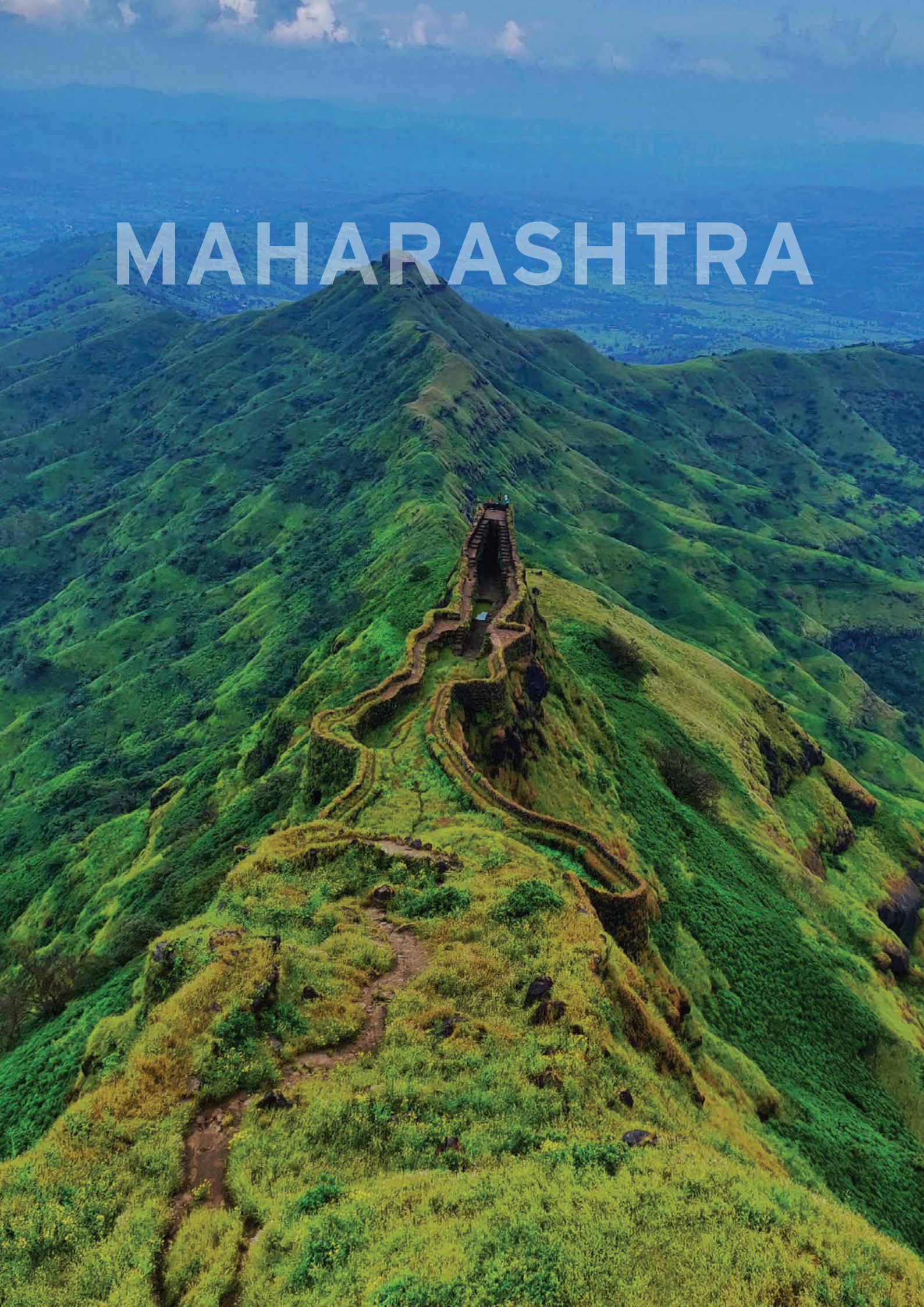


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ACRONYMS

ABBREVIATION	DEFINITION
ACTREC	Advanced Centre for Treatment, Research, and Education in Cancer
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
CEFPPC	Creation/Expansion of Food Processing & Preservation Capacities
CFS	Container Freight Station
CFTRI	Central Food Technological Research Institute, Mumbai
CLCSS	Credit Linked Capital Subsidy Scheme
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
GI	Geographical Indication
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
HT	High Tension
ICC	Integrated Cold Chain and Value Addition Infrastructure
ICD	Inland Container Depot
INR	India Rupee
IQF	Individual Quick Freezing
IT	Information Technology
Km	Kilometre
LEADS	Logistics Ease Across Different States
LLP	Limited Liability Partnership

ACRONYMS

ABBREVIATION	DEFINITION
LSI	Large Scale Industries
LT	Low Tension
MAITRI	Maharashtra Industry, Trade and Investment Facilitation
MIDC	Maharashtra Industrial Development Corporation
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 Organisation
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
PPP	Public Private Partnership
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
SIDBI	Small Industries Development Bank of India
SMART	State of Maharashtra's Agribusiness and Rural Transformation
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



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.

Maharashtra's Strong Agricultural Sector and Economic Strength:

Maharashtra, a State renowned for its robust agricultural sector, boasts a Gross State Domestic Product (GSDP) of USD 426.90 billion. It demonstrates its economic prowess by ranking second in the Good Governance Index and possessing the highest number of ports in the country. The State has also been graded as an achiever in the Coastal Category according to LEADS 2022.

Government Initiatives and Investment Opportunities:

The State of Maharashtra offers a streamlined business establishment process through MAITRI, a prominent Single Window Clearance System, ensuring ease of doing business. Additionally, Maharashtra has received assistance and incentives from the Ministry of Food Processing Industries under flagship schemes like Pradhan Mantri - Kisan Sampada Yojana, Pradhan Mantri Formalisation Micro Food Processing Enterprises, and the Production Linked Incentive Scheme.

Prominence in Food Processing and Export:

Maharashtra takes pride in its rich agricultural heritage, evident through its 26 food and allied geographical indicator tags. The State provides abundant opportunities in the food processing sector, covering fruits and vegetables, infrastructure and innovative technology, superfoods, meat processing, and ready-to-eat/ready-to-cook items. Maharashtra is the second-largest producer of millets in the country, presenting opportunities for value-added millet products such as millet-based snacks, flour, and ready-to-cook meals. Maharashtra's top-ranking positions in grape, pomegranate, and the second-largest producer status for bananas, custard apples, strawberries, mandarin oranges, and sweet oranges (Malta, Mosambi) offer opportunities for processed fruit products such as juices, concentrates, arils, chips, pulps, jams and frozen fruits.

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

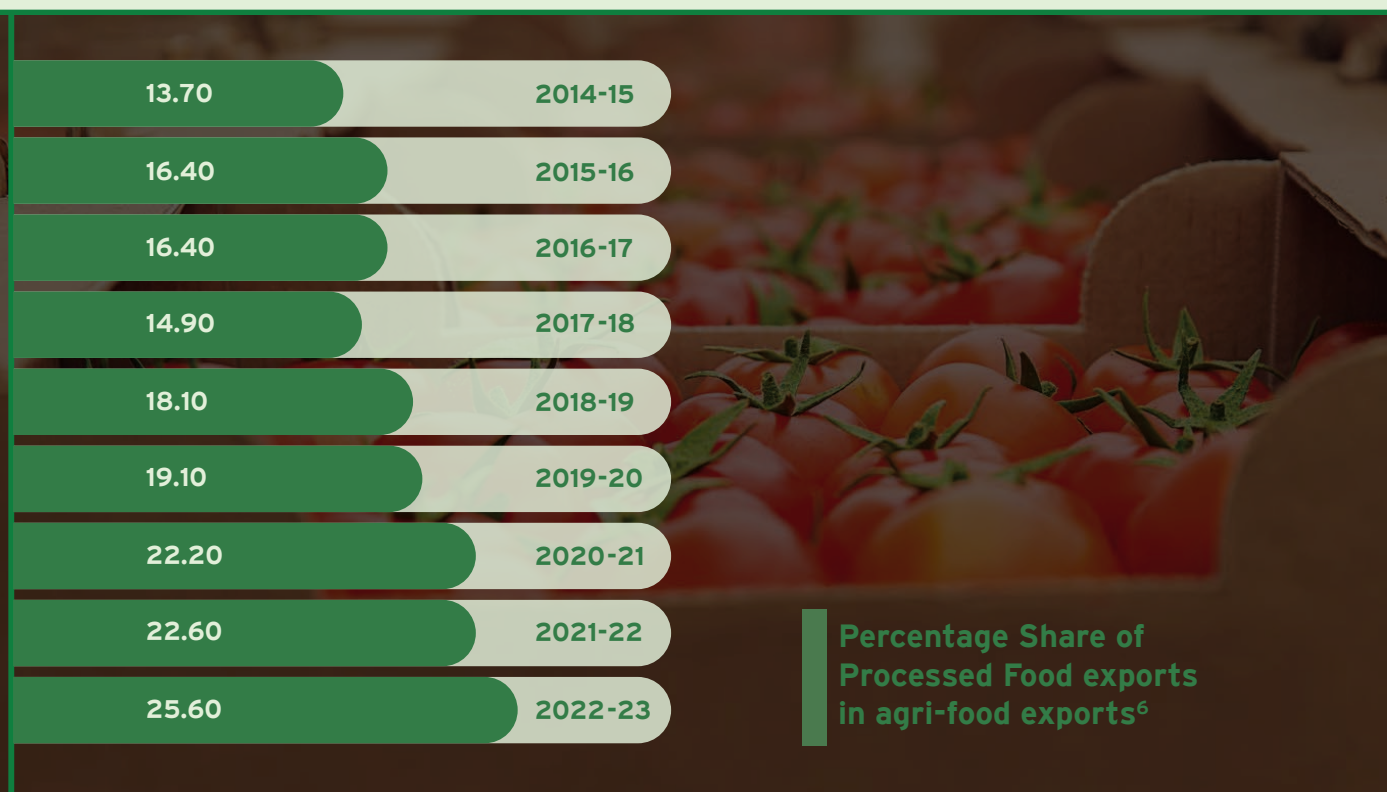
² MoFPI

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 (2019-20), the Food Processing Sector employs 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

Maharashtra, located in western and central India, holds agriculture as its primary sector. The State's economy is predominantly agrarian, with farming being the main occupation of its people. Geographically, Maharashtra is positioned in the western region of the country, boasting a lengthy coastline of approximately 720⁹ kilometers along the Arabian Sea. It is bordered by Gujarat to the northwest, Madhya Pradesh to the north, Chhattisgarh to the east, Telangana to the southeast, Karnataka to the south, and Goa to the southwest.

In terms of population, Maharashtra is the second-largest State in the country. It covers a vast area, ranking third in size nationally. The State stands out for its significant urbanization, featuring a well-developed network of roads, waterways, and railways.

State Capital

Mumbai

Geographic Area¹⁰

307,580 sq. km

Population (Census 2011)¹¹

112.4 Million

Total Road Length (2019)¹²

636,887 (km)

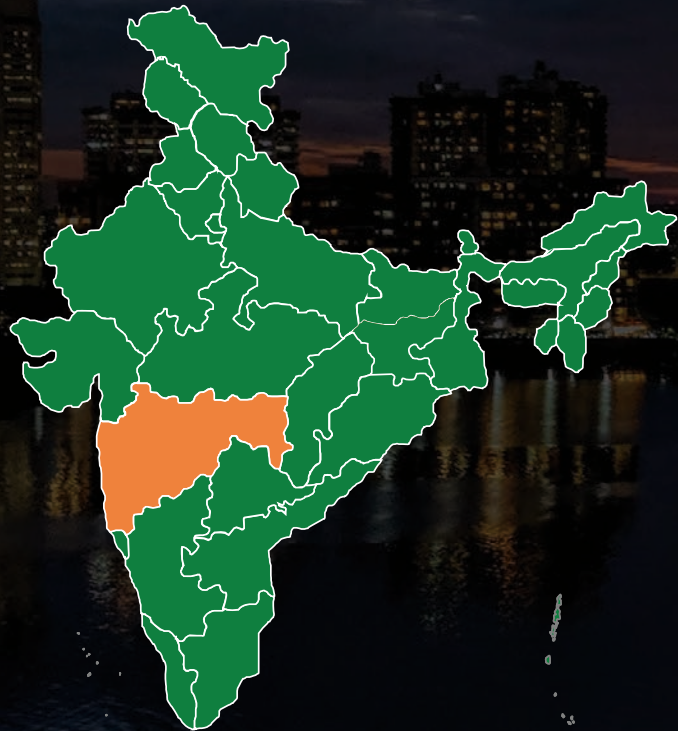
Rail length (2021)¹³

11,631 (Route km)

Agri Export Zones¹⁴

7

Grapes and Grapevine, Alphonso Mango
Kesar Mango, Onions, Pomegranate,
Banana, Oranges



⁹ APEDA | E-Catalogue for Export Of Millets And Value Added Products Maharashtra

¹⁰ Economic Survey of Maharashtra 2022-23 | Directorate of Economics and Statistics, Government of Maharashtra

¹¹ Census India 2011

¹² RBI | Handbook of Statistics on Indian States | STATE-WISE LENGTH OF ROADS

¹³ DPIIT | LEADS 2022: Logistics Ease Across Different States

¹⁴ APEDA | Agri Exchange | Agri Export Zone

Gross State Domestic Product (GSDP)¹⁵

USD 426.90 Billion
(2021-22)

Airports¹⁷

8 Domestic Airports
5 International Airports
**Mumbai, Pune, Nagpur,
Aurangabad, & Nashik (Ojhar HAL)**

Industrial Area

289
industrial areas & 136 PPP projects¹⁹

45
notified SEZs²⁰

32
IT Parks²¹

19
Common Effluent Treatment Plants²²

Installed power²⁶

Thermal
28766.97 MW

Nuclear
690.00 MW

Hydro
3331.84 MW

Other Renewables
16089.34 MW

Per Capita Net State Domestic Product¹⁶

USD 2606.38
(2021-22)

Available Land¹⁸

Mixed Category
19593.18 ha

Infrastructure²³

18
Inland Container Depots (ICD)

45
Container Freight Station (CFS)

548
Railway Goods Sheds

8
Private Freight Terminal (PFT)

11
Air Cargo Terminals

2.23 million
MT warehouse capacity

10.09 lakh
MT Cold Storage Capacity

3
Wine Parks under MIDC²⁴

2
Institutes²⁵

- Central Food Technology Research Institute, Mumbai - CFTRI
- Marathwada Agriculture University, Parbhani

¹⁵ Economic Survey of Maharashtra 2022-23 | Directorate of Economics and Statistics, Government of Maharashtra | Exchange Rate as on 5th June, 2023

¹⁶ Ibid

¹⁷ Directorate of Economics and Statistics | Economic Survey of Maharashtra 2022-23 | Directorate of Economics and Statistics, Government of Maharashtra

¹⁸ India Industrial Land Bank (31.05.2023)

¹⁹ Maharashtra Industrial Development Corporation

²⁰ Special Economic Zones in India | MoCI

²¹ Magnetic Maharashtra | Maharashtra Industry, Trade and Investment Facilitation Cell | Government of Maharashtra

²² Ibid

²³ DPIIT | LEADS 2022: Logistics Ease Across Different States

²⁴ Focus Sector | Food Processing | MAITRI

²⁵ Ibid

²⁶ Central Electricity Authority | Installed Capacity Report (31.03.2023)

03. ADVANTAGE MAHARASHTRA



Ranked 2 for **Good Governance Index**²⁷



Unparalleled Connectivity with 48 Ports, **highest** in the country²⁸



Graded as **Achiever** in Coastal Category as per DPIIT's LEADS 2022²⁹



Second largest exporter, commanding a substantial 17.33% market share³⁰



Massive Indian Road Network with **636,887 km**³¹



Strong Air network in India³²



Largest Rail network in India with 11,631 km track route³³



31.4 % of India's FDI \$30 Billion Inflow in the State³⁴



Largest water supply network in Asia³⁵



Pioneer in small scale industries³⁶

²⁷ Ministry of Personnel, Public Grievances & Pensions | Good Governance Index 2021

²⁸ Economic Survey of Maharashtra 2022-23 | Directorate of Economics and Statistics, Government of Maharashtra

²⁹ DPIIT | LEADS 2022: Logistics Ease Across Different States

³⁰ NITI Aayog | EXPORT PREPAREDNESS INDEX 2022

³¹ RBI | Handbook of Statistics on Indian States | STATE-WISE LENGTH OF ROADS

³² Directorate of Economics and Statistics | Economic Survey of Maharashtra 2022-23 | Directorate of Economics and Statistics, Government of Maharashtra

³³ DPIIT | LEADS 2022: Logistics Ease Across Different States

³⁴ ibid

³⁵ Magnetic Maharashtra | Maharashtra Industry, Trade and Investment Facilitation Cell | Government of Maharashtra

³⁶ Advantage Maharashtra | Government of Maharashtra

30 fish seed production centres³⁷



Leader in Grapes & Pomegranate production³⁸



Largest producer of onions³⁹



Largest producer of cashew nuts⁴⁰



Largest producer of Turmeric⁴¹



Ranked #1 in Meat production⁴²



³⁷ MoFPI

³⁸ Department of Agriculture & Farmers Welfare | Horticulture | State Level | Area and Production of Horticulture crops for 2021-22 (3rd Advance Estimates)

³⁹ ibid

⁴⁰ ibid

⁴¹ ibid

⁴² RBI | Handbook of Statistics on Indian States | STATE-WISE MEAT PRODUCTION

Ranked 2nd in Millet producer⁴³



Ranked 2nd in Pulses production in India⁴⁴



Ranked 2nd in producer of Sugarcane⁴⁵



Ranked 3rd in producer of Maize⁴⁶



Figures amongst Top Performers, as per **Start-up Ranking Results, 2021⁴⁷**



Ranked 2nd in Export Preparedness Index 2021, NITI Aayog⁴⁸



653 IT and Software Technology parks⁵⁰



3 Wine Parks⁵¹

⁴³ APEDA | State-wise Millet Production 2021-22 (4th Advance Estimates)

⁴⁴ Economic Survey 2022-23 Statistical Appendix | Production of Important Crops in three Largest Producing States in 2021-22

⁴⁵ ibid

⁴⁶ ibid

⁴⁷ Ministry of Commerce & Industry | India Start-up Ranking 2021

⁴⁸ Niti Aayog | Export Preparedness Index 2021

⁴⁹ Magnetic Maharashtra | Maharashtra Industry, Trade and Investment Facilitation Cell | Government of Maharashtra

⁵⁰ Focus Sector | Food Processing | MAITRI

04. LOCAL FOOD SYSTEM

4.1 INDIGENOUS PRODUCE

Agriculture and related industries constitute a significant proportion of the economy, contributing an average of 12.1%⁵¹ to the Gross State Value Added. The rural population of the State relies on agriculture and associated industries for over fifty percent of their income

The presence of nine agro-climatic zones⁵² in the region enables year-round cultivation of various agricultural crops and fruits. These soils support the growth of Rabi and Kharif crops. The main crops cultivated include rice, wheat, jowar millet, bajra millet, food grains, and pulses.⁵³

The total cultivated area in the State amounts to 241.49 lakh hectares, with 165.90 lakh hectares of usable land available for production in 2021–2022.⁵⁴

STATE HAS RECEIVED 26 GEOGRAPHICAL INDICATOR (GI) TAGS FOR⁵⁵ -

- | | |
|--------------------------------|--------------------------|
| ■ Mahabaleshwar Strawberry | ■ Waigaon Turmeric |
| ■ Nashik Grapes | ■ Jalna Sweet Orange |
| ■ Kolhapur Jaggery | ■ Purandar Fig |
| ■ Nagpur Orange | ■ Jalgaon Bharit Brinjal |
| ■ Ajara Ghansal Rice | ■ Solapur Pomegranate |
| ■ Mangalwedha Jowar | ■ Bhiwapur Chilli |
| ■ Sindhudurg & Ratnagiri Kokum | ■ Ambemohar Rice |
| ■ Waghya Ghevada | ■ Dahanu Gholvad Chikoo |
| ■ Navapur Tur Dal | ■ Jalgaon Banana |
| ■ Vengurla Cashew | ■ Marathwada Kesar Mango |
| ■ Lasalgaon Onion | ■ Alphonso |
| ■ Sangli Raisins | ■ Sangli Turmeric |
| ■ Beed Custard Apple | ■ Alibag White Onion |

⁵¹ Directorate of Economics and Statistics | Economic Survey of Maharashtra 2022-23 | Directorate of Economics and Statistics, Government of Maharashtra














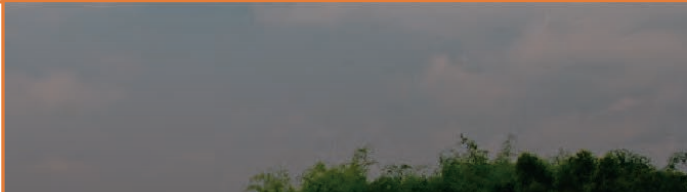
⁵² ENVIS Centre: Maharashtra | Directorate of Environment

⁵³ Directorate of Economics and Statistics | Economic Survey of Maharashtra 2022-23 | Directorate of Economics and Statistics, Government of Maharashtra

⁵⁴ ibid

⁵⁵ Intellectual Property | Registration Details of Geographical Indications

4.2 KEY PRODUCTION HIGHLIGHTS

 <p>2nd largest Millet producer⁵⁶</p>	 <p>Ranked #1 in Meat production⁵⁷</p>
 <p>Ranked #1 in Grape production⁵⁸</p>	 <p>Ranked #1 in Pomegranate production⁵⁹</p>
 <p>Largest producer of cashew nuts⁶⁰</p>	 <p>Largest producer of onions⁶¹</p>
 <p>Largest producer of Turmeric⁶²</p>	 <p>2nd largest producer of Banana, Custard Apple, Strawberries, Mandarin Orange, and Sweet Orange (Malta, Mosambie)⁶³</p>
 <p>Largest producer of in Meat⁶⁴</p>	 <p>2nd largest in Millet producer⁶⁵</p>
 <p>2nd largest producer of Pulses⁶⁶</p>	 <p>2nd largest producer of Sugarcane⁶⁷</p>
 <p>3rd largest in producer of Maize⁶⁸</p>	

⁵⁶ APEDA | State-wise Millet Production 2021-22 (4th Advance Estimates)

⁵⁷ RBI | Handbook of Statistics on Indian States | STATE-WISE MEAT PRODUCTION

⁵⁸ Department of Agriculture & Farmers Welfare | Horticulture | State Level | Area and Production of Horticulture crops for 2021-22 (3rd Advance Estimates)

⁵⁹ ibid

⁶⁰ ibid

⁶¹ ibid

⁶² Department of Agriculture & Farmers Welfare | Horticulture | State Level | Area and Production of Horticulture crops for 2021-22 (3rd Advance Estimates)

⁶³ ibid

⁶⁴ RBI | Handbook of Statistics on Indian States | STATE-WISE MEAT PRODUCTION

⁶⁵ APEDA | State-wise Millet Production 2021-22 (4th Advance Estimates)

⁶⁶ Economic Survey 2022-23 Statistical Appendix | Production of Important Crops in three Largest Producing States in 2021-22

⁶⁷ ibid

⁶⁸ ibid

KEY PRODUCTION STATISTICS ARE PRESENTED BELOW^{69&70}

 **CROPS**

'000 MT

RICE

3291.7

WHEAT

2071.1

COARSE CEREALS

2071.1

PULSES

4321.2



LIVESTOCK & FISHERIES

MILK

13703 '000 tonnes

EGGS

64028 lakh

MEAT

1109 '000 tonnes

FISH

5.61 lakh tonnes

 **FRUITS**

'000 MT

BANANA

4887.87

GRAPES

2466.54

POMEGRANATE

1657.26

CITRUS

1871.87



VEGETABLES

'000 tonnes

ONION

13301.7

TOMATO

1243.22

POTATO

388.86

CHILLIES (GREEN)

347.26

 **SPICES**

'000 metric tonnes

GINGER

150.63

TURMERIC

333.83

GARLIC

22.18

TAMARIND

11.25

⁶⁹ Department of Agriculture & Farmers Welfare | Horticulture | State Level | Area and Production of Horticulture crops for 2021-22 (3rd Advance Estimates)

⁷⁰ RBI | RBI Handbook of Statistics on Indian States

05. PRODUCTION CLUSTERS^{71&72}

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

MILK based products

Ahmednagar

PULSES based products

Akola & Osmanabad

MANDARIN ORANGE based products

Amravati, Nagpur

MAIZE based products

Aurangabad

CUSTARD APPLE based products

Beed

RICE based products

Bhandara, Chandrapur, Gondia

GUAVA based products

Buldhana



⁷¹ ONE DISTRICT ONE PRODUCT– MoFPI

⁷² Source: Ministry of Food Processing Industries

BANANA based products

Dhule, Jalgaon



Minor Forest Produce

Mahua / Honey / Hirda / Behda.

Gadchiroli



SPICE based products

Hingoli, Nanded, Wardha, Yavatmal



SWEET ORANGE based products

Jalna



SUGARCANE based products

Kolhapur, Parbhani, Satara



TOMATO based products

Latur, Pune





----- **MARINE** based products
Mumbai, Mumbai- Suburban, Raigad



----- **MILLET** based products
Nandurbar, Thane & Solapur



----- **ONION** based products
Nashik



----- **SAPOTA** based products
Palghar



----- **MANGO** based products
Ratnagiri, Sindhudurg



----- **GRAPES** based products
Sangli

06. MILLETS IN MAHARASHTRA

A group of broad-ranging small-seeded grasses known as millets are widely cultivated as cereal grains for use as fodder and human food all over the world. Maharashtra has been identified as the second largest grower of millet. Varieties of Millets grown in Maharashtra are:⁷³

- Jowar
- Bajra
- Minor millets
- Ragi

According to the 4th Advanced Estimates of the Directorate of Millets Development, Maharashtra witnessed the cumulative cultivation of 23.32 lakh tonnes of millets⁷⁴. The State is also a primary manufacturer of millet-based snacks such as puffs, cookies, pasta, and cereal.⁷⁵

In the western parts of Maharashtra, Sorghum and Pearl Millet are now being recognized as "Superfoods". This is thanks to a project supported by the World Bank, which focuses on "Climate Resilient Agriculture" and has prioritized Kharif Pearl Millet and Rabi Jowar in this region.



State Mission on Millets

SMART Project: The Government of Maharashtra has initiated the Soft Launch of the State of Maharashtra's Agribusiness and Rural Transformation Project (SMART) in collaboration with the World Bank. This project aims to formalize productive alliances between the private sector and community-based organizations. Its objectives include supporting value addition in post-harvest segments of agri value chains, promoting enterprise and agribusiness investment, and strengthening resilient agriculture production systems, particularly for millets.

On June 26, 2022, the State commemorated Nutri-cereal Day with a widespread publicity campaign held across the region.

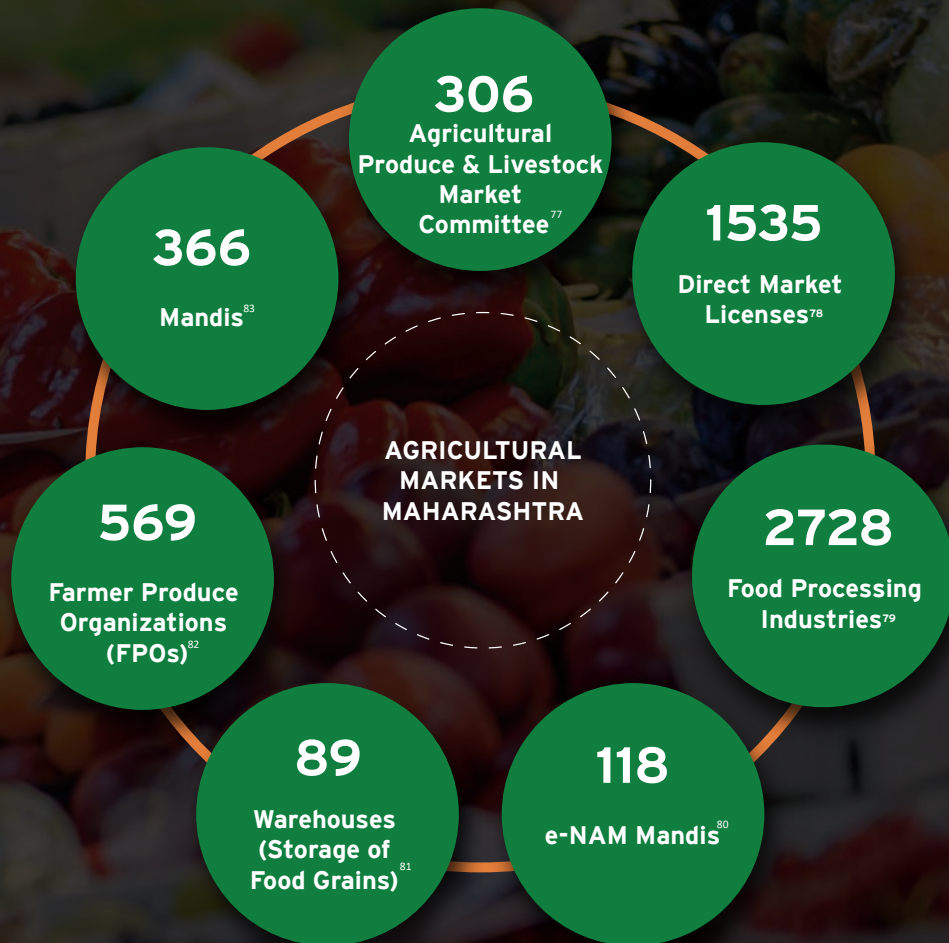
⁷³ APEDA | E-Catalogue for Export Of Millets And Value-Added Products Maharashtra

⁷⁴ APEDA | State Wise Millet Production

⁷⁵ Agricultural and Processed Food Products Export Development Authority (APEDA) e-Catalogue of Export of Millets and Value Added Products, Ministry of Commerce and Industry, Government of India

07. AGRICULTURAL MARKETING

The State of Maharashtra leads the way in the field of agricultural marketing and holds the distinction of being India's inaugural State to establish the Agricultural Produce Market Committees. These committees were formed in accordance with the Maharashtra Agricultural Produce Marketing (Development and Regulation) Act of 1963. This legislation facilitates the development of essential infrastructure for the sale of agricultural products, ensuring that farmers receive fair prices and protection against exploitation from traders and intermediaries.⁷⁶



⁷⁶ Government of Maharashtra | Law and Judiciary Department

⁷⁷ Directorate of Economics and Statistics | Economic Survey of Maharashtra 2022-23 | Directorate of Economics and Statistics, Government of Maharashtra

⁷⁸ Maharashtra Economic Development Council, November 2021 Economic Digest – Food Processing

⁷⁹ Food Processing Industries | Ministry of Food Processing Industries

⁸⁰ E-NAM Directory | Department of Agriculture and Farmers Welfare | Government of India

⁸¹ Ministry of Consumer Affairs, Food & Public Distribution | Food Corporation of India

⁸² DATA OF REGISTERED FPOs | Ministry of Agriculture & Farmers Welfare

⁸³ Ministry of Agriculture and Welfare | Directorate and Marketing Inspection (DMI)

08. POTENTIAL OPPORTUNITIES

Maharashtra is strategically situated on the western coastline of India, offering advantageous proximity to prominent seaports that simplify the import and export of raw materials and finished food products. This location grants convenient access to both domestic and international markets. The State cultivates a diverse array of crops, including fruits, vegetables, cereals, pulses, and spices. This abundance of raw materials forms a robust foundation for the food processing sector, enabling companies to procure ingredients locally and guarantee a steady supply.

FRUITS AND VEGETABLES

There is immense focus on exploring food processing opportunities in the fruits and vegetable segment in the State. The region is renowned for its diverse produce, with onions being a major vegetable crop.

Fruit Crops:

Fruit crops, such as pomegranates, bananas, grapes, and citrus fruits, make a significant contribution of approximately 87% to the total fruit production in Maharashtra. Other noteworthy vegetables grown include potatoes, tomatoes, green chilies, and brinjals.

Special Varieties of Fruits:

Maharashtra is celebrated for its special varieties of fruits that have earned Geographical Indication (GI) tags. These include Alphonso and Marathwada Kesar Mangoes, Mahabaleshwar Strawberries, Beed Custard Apples, and Jalna Sweet Oranges.

Value-added Products:

The abundance of such produce offers an excellent opportunity for the food processing industry to transform them into value-added products, like:

■ **Pomegranates:**

Juice, Arils (seeds), Concentrate, Powder



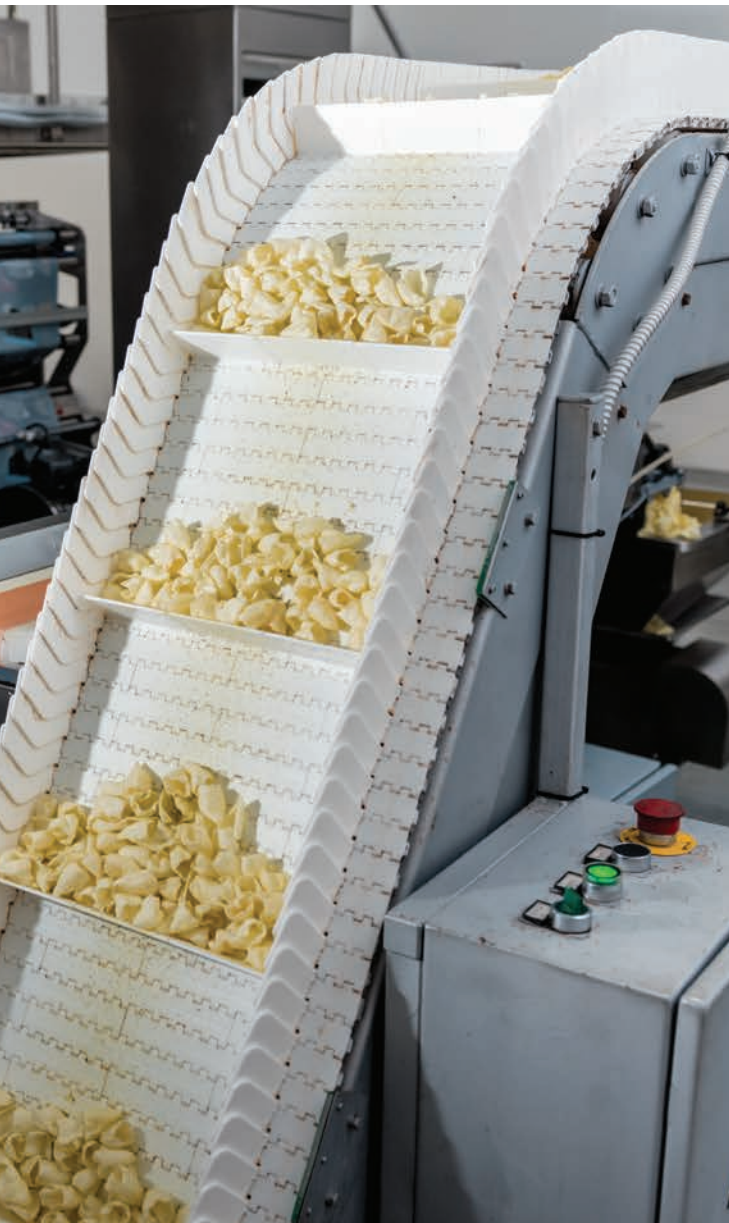
- **Bananas:** Banana Chips, Puree, Jam, Powder
- **Grapes:** Grape Juice, Raisins, Jam, Jelly, Wine
- **Citrus Fruits:** Juice, Zest, Marmalade

Vegetable Processing:

The vegetable processing segment in Maharashtra presents potential avenues for various crops, for example:

- **Potato:** Chips, French fries, Starch
- **Tomato:** Puree, Paste, Juice, Dried Tomatoes
- **Green Chillies:** Pickled Chillies, Green Chilli Paste, Frozen Chillies for curries/stews
- **Brinjal:** Brinjal Pickle, Chutney, Puree (as a base for dips, sauces, or curries)

Additionally, the food and hospitality sector in Maharashtra demands a regular supply of pre-cut and pre-packaged fruits and vegetables, frozen produce, and ready-to-use dressings to cater to consumer needs.



INFRASTRUCTURE AND INNOVATIVE TECHNOLOGY

Development of technology for food fortification, improving the nutritional value of processed food products- Advanced Centre for Treatment, Research, and Education in Cancer (ACTREC) in Navi Mumbai

Advanced Packing Technology for maintaining product quality, prolonging shelf life, and preserving the freshness of processed food items

Cold warehousing infrastructure for agriculture and horticulture commodities

SUPERFOOD (MILLET)

Maharashtra Millet Food Processing:
Promoting Millet Consumption and Innovation:

■ GI Tag for Mangalwedha Jowar and the 'Maharashtra Millet Mission'

The State has been granted a Geographical Indication (GI) tag for Mangalwedha Jowar. Implementation of the 'Maharashtra Millet Mission' aims to enhance millet production. Encouraging millet processing to increase its consumption.

■ Innovative Concepts to Popularise Millets

Introduction of innovative concepts like 'Millet of the Month' and 'Shet Tithe Poushtik Trundhanya' in Maharashtra. These initiatives aim to raise awareness and promote the consumption of millets.

■ Range of Ready-to-Eat/Ready-to-Cook Millet Products

Maharashtra offers a variety of millet-based products, including:

Puffs and Extruded Snacks

Sweet Puri

Millet Roti

Millet Laddu

Bakery Products (cookies, cake, and bread)

Flakes (Finger millet flakes, Brown Top Millet flakes, Little Millet flakes)

Noodles (Finger millet noodles, Beetroot millet noodles, Pearl millet noodles)

Pasta (Gluten-Free Ragi pasta, Gluten-Free Jowar pasta)

Millet Daliya

Millet Flour

Ready-to-Eat Millet Upma/Biryani/Pasta

■ The diverse range of ready-to-eat and ready-to-cook millet options provides consumers with convenient and nutritious choices.





MEAT

The State's thriving meat industry provides a strong foundation for value addition and processing activities. Some potential opportunities in this sector include:

- **Meat Processing** such as sausages, cured meats, and ready-to-eat meat snacks
- **Packaging and Preservation** - Innovative packaging solutions, such as vacuum packaging and modified atmosphere packaging, can help maintain freshness and ensure food safety.
- **Value-added meat products** like marinated meats, meat-based spreads, and convenience meals

09. GOVERNMENT OF INDIA SCHEMES FOR FOOD PROCESSING

9.1 SCHEMES UNDER MINISTRY OF FOOD PROCESSING INDUSTRIES⁸⁵

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.

⁸⁵ 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 Maharashtra (as on date: 31.05.2023)⁸⁶

PRADHAN MANTRI KISAN Sampada YOJANA (PMKSY) SCHEME

SCHEME NAME	NO. OF PROJECTS APPROVED	TOTAL PROJECT COST (INR CR.)
MEGA FOOD PARK	3	356.21
COLD CHAIN	68	1922.16
AGRO PROCESSING CLUSTERS	14	431.19
CEFPPC UNIT	87	1299.53
CREATION OF BACKWARD AND FORWARD LINKAGES	11	118.73
FOOD TESTING LABORATORY	28	150.04
OPERATION GREENS	8	355.45

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)	42	998.44

PRADHAN MANTRI FORMALIZATION OF MICRO FOOD PROCESSING ENTERPRISE SCHEME (PMFME)

SCHEME NAME	NO. OF PROJECTS APPROVED
MICRO ENTERPRISES APPROVED UNDER FME (Formalisation of Micro Food Processing Enterprises Scheme)	7483 (as on 07-06-2023)
INCUBATION CENTRES	3

⁸⁶ 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) Scheme⁸⁷**

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) Scheme⁸⁸**

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)⁸⁹**

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.

⁸⁷ Mission for Integrated Development of Horticulture (MIDH)

⁸⁸ National Agriculture Infra Financing Facility

⁸⁹ Department Of Fisheries

4 Pradhan Mantri Matsya Sampada Yojana (PMMSY) Scheme⁹⁰

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)⁹¹

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)⁹²

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)⁹³

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)⁹⁴

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.

⁹⁰ Pradhan Mantri Matsya Sampada Yojana

⁹¹ Animal Husbandry Infrastructure Development Fund (AHIDF) | Department of Animal Husbandry and Dairy

⁹² Dairy processing & Infrastructure Development Fund (DIDF) | Department of Animal Husbandry and Dairy

⁹³ Agriculture And Processed Foods Export Promotion Scheme of APEDA for the 15th Finance Commission Cycle (2021-22 To 2025-26)

⁹⁴ 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)⁹⁵

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)⁹⁶

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)⁹⁷

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



⁹⁵ Small Farmers' Agri-Business Consortium | Venture Capital Assistance Scheme

⁹⁶ A Scheme For Promotion Of Innovation, Rural Industries & Entrepreneurship (ASPIRE) | Ministry of Micro, Small & Medium Enterprises

⁹⁷ 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 sector⁹⁸

- 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.

⁹⁸ "Key Reforms in the Food Processing Sector Since 2014-15" | MoFPI

10. STATE GOVERNMENT INITIATIVES AND SCHEMES

Maharashtra has always endeavoured to provide a hassle-free business environment to enable investors. The Maharashtra 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:



Maharashtra Industry, Trade and Investment Facilitation Cell (MAITRI)

Single window system is to attract investment and employment in the State. MAITRI serves as a one-stop shop for existing and prospective investors, providing consolidated information on the investment process for expanding existing units or establishing new business units. It aims to promote investments, ensure timely approvals and services, offer support to investors, manage a web-based portal, handle investment-related grievances, coordinate with industrial associations for business ease initiatives, and serve as a comprehensive repository of information.

 maitri.mahaonline.gov.in



A. State Industrial Land Bank

A GIS system is created to showcase if there is land and infrastructure available for businesses. The system has information related to government owned factories and offices, and shows how much the land costs, how easy it is to get there, and what utilities (like electricity and water) are available.

 land.midcindia.org

B. 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.⁶⁶

 iis.ncog.gov.in/parks



Infrastructure development for Agriculture⁹⁹

As per Vision 2030, the Maharashtra Government aims to enhance agricultural infrastructure, including increasing capacity for agricultural connections, improving road and rail connectivity, and expanding power and water access across the State.



Maharashtra Start-up Policy 2018

Includes a significant requirement for eligibility, which States that the unit should actively work towards innovating, developing, or enhancing products, processes, or services. Additionally, the policy recognizes agriculture and food security as part of the 'social sector'. Key advantages of the policy comprise the reimbursement of SGST and Stamp Duty, along with support in quality testing and filing for patents.¹⁰⁰



Maharashtra Industrial Policy 2019

The Industrial Policy of 2019 aims to enhance the business climate for manufacturers in Maharashtra by implementing fiscal and non-fiscal actions. The primary objectives are to stimulate industrial investments, provide assistance to MSMEs, promote employment, and facilitate inclusive, geographically balanced, and environmentally sustainable industrial growth. The policy is driven by factors such as infrastructure development, focus on key sectors, fiscal backing for women entrepreneurs, support for SC/ST communities and underdeveloped regions, the Critical Infrastructure Fund, and other initiatives.

⁹⁹ Planning Department | Government of Maharashtra

¹⁰⁰ Maharashtra State Innovation Society

Maharashtra has taken great care to ensure that the food processing industry is nurtured with policy support and ease of regulations. Key incentives introduced by State Government of Maharashtra for the food processing industry and other industrial units under its major policies are summarized in the table below:

KEY INITIATIVES

MAHARASHTRA STATE FOOD PROCESSING POLICY- 2017 (EXTENDED UPTO 2023-24)¹⁰¹

Capital Subsidy

- 30% of the cost of project comprising of technical civil work and plant & machinery, storage structure etc.is admissible with a ceiling of INR 50.00 lakh.

Interest Subsidy

- Eligible Micro, Small & Medium Manufacturing Enterprises (excluding Group 'A' areas) can avail interest subsidy.
- The subsidy is applicable only on the interest paid to Banks and Public Financial Institutions for term loans used to acquire fixed capital asset.
- The subsidy amount is calculated based on the effective rate of interest, after deducting any interest subsidy received from other institutions or under any Government of India Scheme, or 5% per annum, whichever is lower.

Electricity duty exemption/ Water Exemption

- Exemption of 75% for water supply (upto INR 1 lakh) and for electricity (upto Rs 2 lakh).
- Similarly, 50% of the capital cost for Water Storage Energy Generation can be approved for the eligible industries (upto INR 5 lakh).

Stamp duty exemption

- 100 % Stamp Duty exemption for requisition land for eligible industries

Special Incentives for Food Processing Industries

- Priority will be given to the projects being set up by 100% women's group in the State-sponsored all food processing scheme, including the Chief Minister's Agriculture and Food Processing Scheme, 2017

GST exemption

- The subsidy exemption in GST will be given to the goods manufactured by the industries

Skill Development

- 50% of the subsidy will be provided for obtaining industry recognized skill certifications from recognized institutions to Agro and Food Processing units/infrastructure projects.

¹⁰¹ Food Processing | Maharashtra Food Processing Policy

KEY INITIATIVES

MAHARASHTRA STATE FOOD PROCESSING
POLICY- 2017 (EXTENDED UPTO 2023-24)

Others

■ **New MSME's and expansion thereof in all categories of areas eligible for the following incentives.**

5% subsidy on capital equipment for technology upgradation (max INR 25 lakhs).

75% subsidy on quality certification expenses (max INR 1 lakh).

25% subsidy on capital equipment for cleaner production (max INR 5 lakhs).

75% subsidy on national patent registration expenses (max INR 10 lakhs) and INR 20 lakhs for international patents.

■ **Incentives for Credit Rating of MSME's in all categories of areas.**

75% subsidy on credit rating cost (max INR 40,000) by SIDBI or accredited agency.

■ **New MSMEs, LSI and expansion thereof will be eligible for following incentives in all categories of areas.**

75% of cost of water audit limited to INR 1.00 lakhs.

75% of cost of energy audit limited to INR 2.00 lakhs.

50% of cost of Capital Equipment under the measure to conserve / recycle water limited to INR 5.00 lakhs.

50% of cost of Capital Equipment for improving energy efficiency limited to INR 5.00 lakhs.

11. REGULATORY FRAMEWORK: REGISTRATION/NOCS/ LICENSES

The 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.	License for Cold Storage	Directorate of Food Processing
2.	Registration under FSSAI Act,2006, Regulation 2011	FSSAI, Government of India Health & Family Welfare Department & Food Safety
3.	License under FSSAI Act,2006, Regulation 2011	FSSAI, Government of India Health & Family Welfare Department & Food Safety
4.	License under Contract Labour Act, (Regulation and Abolition), 1970	Labour Commissionerate
5.	Registration under GST (Goods and Services Tax Rules, 2017)	Department of Commercial Tax
6.	Consolidated Consent & Authorization under Water Act, 1974, Air Act, 1981 & Authorization under The Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016	Maharashtra State Pollution Control Board
7.	Application for Pre-Operational Fire NOC (National Building Code, 2005)	Directorate of Maharashtra Fire Services

FOR SETTING UP OF BUSINESS

S.No	Name of Service	Authority/ Agency/ Office/ Department officer granting approval
8.	Land allotment in departmental industrial estates	Director Of Commerce & Industries
9.	Application for Land / Plot Allotment	Maharashtra Industrial Development Corporation Limited
10.	Application for new connection LT / HT line non-domestic / industrial	The Maharashtra State Electricity Board
11.	Application for Water Connection	Maharashtra Water Supply and Sanitation Department, Department of Urban Development Maharashtra
12.	Application for building plan approval	Town Planning Department
13.	Application for Completion cum Occupancy Certificate	Department of Urban Development Maharashtra
14.	Consent to Establish under Water (Prevention and Control of Pollution) Act, 1974	Maharashtra State Pollution Control Board
15.	Consent to Establish under Air (Prevention and Control of Pollution) Act, 1981	Maharashtra State Pollution Control Board
16.	Consent to Operate under Air (Prevention and Control of Pollution) Act, 1981	Maharashtra State Pollution Control Board
17.	Application for Pre-Establishment Fire NOC (National Building Code, 2005)	Directorate of Maharashtra Fire Services
18.	Site Plan Approval under the Factories Act, 1948	Town Planning Department

POST-OPERATIONS

S.No	Name of Service	Authority/ Agency/ Office/ Department officer granting approval
19.	Renewal of License for Cold Storage Directorate of Food Processing	Directorate of Food Processing

12. MAJOR PLAYERS IN FOOD PROCESSING AND ALLIED SECTORS

BENEFICIARIES UNDER PLI SCHEME OF MOFPI, GOVERNMENT OF INDIA

NAME OF THE FIRM	LOCATION
Parag Milk Foods Limited	Ambegaon
Gadre Marine Export Private Limited	Ratnagiri
Tata Consumer Products Limited	Palghar & Wardha
Hindustan Unilever Limited	Nashik
Britannia Industries Ltd.	Ranjangaon
Haldiram Foods International Private Limited	Nagpur
Gujarat Co-Operative Milk Marketing Federation Ltd	Navi Mumbai, Nagpur, Palghar & Pune
Everest Food Products Pvt Ltd	Mumbai & Raigad
Parle Agro Private Limited	Raigard
Parle Biscuits Private Limited	Murbad & Nashik
Sahyadri Farmers Producer Company Limited	Nashik
Suruchi Spices Pvt Ltd	Nagpur
Indapur Dairy and Milk Products Limited	Pune
Pravin Masalewale	Pune & Satara
Exotic Fruits Private Limited	Nashik & Ratnagiri
Foods And Inns Limited	Nashik
Nilons Enterprises Pvt Ltd	Jalgoan
Sunfresh Agro Industries Pvt Ltd.	Ahmednagar
Tasty Bite Eatables Limited	Pune

**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
Saastha Warehousing Ltd	Raigad
Warana Dairy & Agro Industries Ltd	Sholapur
Sunfresh Agro Industries Pvt. Ltd	Ahmednagar
Tirupati Balaji Agro Products Pvt. Ltd.	Pune
Balmer Lawrie & Co. Ltd.	Raigad
Seasaga Enterprises Pvt. Ltd	Raigad
Kool Solutions India Pvt. Ltd.	Mumbai
Dairy Power Limited	Nashik
Heritage Foods Limited	Palghar
Freshtop Fruits Ltd	Nashik
I.G. International	Amravati
Savla Foods & Cold Storage	Mumbai
Western Hill Foods Ltd	Pune
Blue Fin Frozen Pvt. Ltd.	Raigad
B. Y. Agro & Infra Pvt. Ltd.	Nagpur
Haldiram Foods Intl. Limited	Nagpur
Cold Star Logistics Pvt. Ltd.	Raigad
Baramati Agro Limited	Pune
Elaf Cold Storage	Raigad, Navi Mumbai
Indapur Dairy & Milk Products Ltd	Pune
Mhetre Foods Pvt. Ltd	Nashik
Omni Fresh Agro	Nashik
Saikrupa Industries	Nashik
Satec Envir Engineering (I) Pvt. Ltd	Nashik
Shivtirth Dairy & Agro Producers Company Ltd	Sangli
D.J. Exports Pvt.Ltd.	Thane, Pune, Nashik
Forstar Frozen Food Pvt. Ltd.	Navi Mumbai

NAME OF THE FIRM	LOCATION
Global Foods	Nagpur
VaishVik Foods Pvt.LTd.	Satara
Swaraj India Industries Ltd.	Satara
Gonglu Agro Pvt Ltd	Nashik
Western Superfresh Corporation	Raigad
Rishi Ice and Cold Storage Pvt. Ltd.	Navi Mumbai
Farmico Cold Chain & Logistics Limited	Nagpur
Anant Dudh Pvt Ltd	Pune
Prabhat Dairy Ltd	Srirampur
P.D. Shah and Sons Cold Storage Pvt. Ltd.	Satara
Manganga Dairy Industries	Solapur
Kisan Mitra Cold Storage Pvt. Ltd.	Latur
Vaishno Devi Food Products Pvt Ltd	Osmanabad
Swapnapurti Food Products Pvt. Ltd.	Chandrapur
Sri Sri Milk and Food Product	Pune
Nature Delight Dairy & Dairy Products Pvt. Ltd.	Pune
RGA Fresh Fruits Pvt. Ltd.	Thane
Siva Sai Exports	Nashik
Royal Cold Chain	Solapur
Varun Agro Processing Foods Pvt. Ltd.	Nashik
Vaishnavi Grape & Pomegranate Processing Pvt. Ltd.	Solapur
Icee Box Integrated Cold Chain	Nagpur
VKM Foods Pvt. Ltd.	Thane
Fortune Dairy Industries Pvt. Ltd.	Pune
Taksh Cold Chai	Amravati
Polisetty Somasundaram Agro Exports	Nashik
Healthy Foods	Nashik
Yashganga Cold Storage and Food Processing	Pune
PMD Milk and Foods	Pune
Polisetty Somasundaram Agro Exports	Nashik
Sam Agri Fresh Pvt Ltd	Nashik
Kalya Exports	Nashik
Trimurti Dairy Farm	Pune

BENEFICIARIES UNDER BENEFICIARIES UNDER MEGA FOOD PARK SCHEME, UNDER PMKSY SCHEME OF MOFPI, GOVERNMENT OF INDIA (OPERATIONAL UNITS)

NAME OF THE FIRM	LOCATION
Satara Mega Food Park Pvt Ltd	Satara
Paithan Mega Food Park Pvt Ltd	Aurangabad

BENEFICIARIES UNDER INFRASTRUCTURE FOR AGRO-PROCESSING CLUSTERS SCHEME, UNDER PMKSY SCHEME OF MOFPI, GOVERNMENT OF INDIA (OPERATIONAL UNITS)

NAME OF THE FIRM	LOCATION
M/s Sahyadri Farmers Producer Company Limited	Nashik
M/s India Mega Agro Anaj Limited	Nanded
M/s Kisan Sampada Food Park Industries	Nagpur
M/s Madhur Food Park LLP	Dhule

BENEFICIARIES UNDER SCHEME FOR CREATION OF BACKWARD AND FORWARD LINKAGES, UNDER PMKSY SCHEME OF MOFPI, GOVERNMENT OF INDIA (OPERATIONAL UNITS)

NAME OF THE FIRM	LOCATION
Kisankrupa Agro Producer Company Limited	Parbhani
Savla Foods And Cold Storage Pvt Ltd	Navi Mumbai
Malganga Milk and Agro Products Pvt Ltd	Ahmednagar
Reliable Cold Storage	Pune
Mahindra Agri Solutions Ltd	Nashik
Kasamade Farmers Producers Co. Ltd.	Nashik
Manmandir Milk and Agro Products Private Limited	Sangli
M/s Somnath Women Multi State Co Op Agro Processing Society Ltd	Kolhapur
M/s Shri Nidhi Agro Processing and Cold Storage	Sangli

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 India Mega Agro Anaj Ltd (Unit-1,2,3,4&5)	Nanded
M/s Bharti Industries	Nagpur
M/s H.V. Seeds Industries	Nagpur
M/s Sangale Agro Food Processing Pvt. Ltd	Aurangabad
M/s KLC Wines Pvt. Ltd	Nashik
M/s Paithan Eco Foods Private Limited	Aurangabad
M/s Kisan Sampada Food Park Ltd	Nagpur
M/s Lecilite Ingredients Pvt. Ltd	Nagpur
M/s Chakote Agro Foods Pvt. Ltd	Kolhapur
M/s Shree Ganesh Bakery Nandani Pvt. Ltd	Kolhapur
M/s Gherade Agro Food Pvt. Ltd	Solapur
M/s Jatin Industries Pvt Ltd	Nashik
M/s A R Foods	Nagpur
M/s Sahyadri Farmers Producer Company Ltd (Unit 1,2,4&5)	Nashik
M/s Avni Foods	Nagpur
M/s MGE Farms	Nashik
M/s Sheetal-Ajit Agro Food Products Pvt. Ltd	Sangli
M/s ARK Food Industries	Dhule
M/s Biocritical Extract India	Kolhapur
M/s Mas Bakers	Nagpur

13. LIST OF FARMER PRODUCER ORGANISATIONS

A total of 569 Farmer Producer Organisations (FPO) are present in the State of Maharashtra 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
Aadiwasi Mitra Farmers' Producer Co. Ltd	At & Post - Borala, Tah. Chikhaldara Dist. Amravati-444807	Fruits, Others
Agro Buzz farmer producer company limited	H. No-47, Ellora Tq Khultabad Dist. Aurangabad	Maize, Wheat, Onion, Mango, Watermelon, Guava, Sweet Lemon, Papaya, Pomegranate, Jujube, Figs, Indian Black Berry, Ginger, Turmeric
Bhojapur Khore Pomegranate Farmer Pro. Co. Ltd.	At/Post-Dapur, Tal-Sinnar, Dist- Nashik	Others, Pomegranate, Fruits
Newasa Kisankrushi Producer Company Ltd	Baban Jagtap, Sawatanagar, Newasa Kh. Near Gowardhan Dairy, Newasa, Tal-Newasa, Dist Ahmednagr-414501, Maharashtra	Millets
Siddhagiri Farmers Producer Company Limited	Siddhagiri Farmers Producer Company Limited G No 1025 Kanerimath, Tal Karveer, Kaneri, Kolhapur, Ma, Kolhapur, Maharashtra	Millets
Drakshayug Agrotech Producer Company Limited	A\P Kumthe Tal -Tasgaon	Grapes
Hastai Agro Producer Company Limited	H. No. 1596, Canal Road Lendesthal, Pimpalwandi, Maharashtra	Grapes, Pomegranates, Onion, Baby Corn, Banana
Aakash Agro Farmer Producer Co Ltd	Gut No 226, At Post-Anvi Tq Sillod District, Aurangabad	Green Chili, Ginger, Maize, Cotton, Tomato
Amrut Sanjeevani Agro Producer Company Limited	H.No. 458 Batwal Wasti Chimbali, Khed Pune - 412105, Maharashtra	Milk Production, Cabbage, Cauliflower, Brinjal

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