

Organic Food Production Problems, Prospects and Opportunities



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NCOF

National Centre of Organic Farming



Relevance of Organic Farming

- Ensures sustainability and soil health
- Organic practices help building soil organic carbon
- Ideal for rain-fed, low or no external input use areas
- Growing market for safe and healthy food

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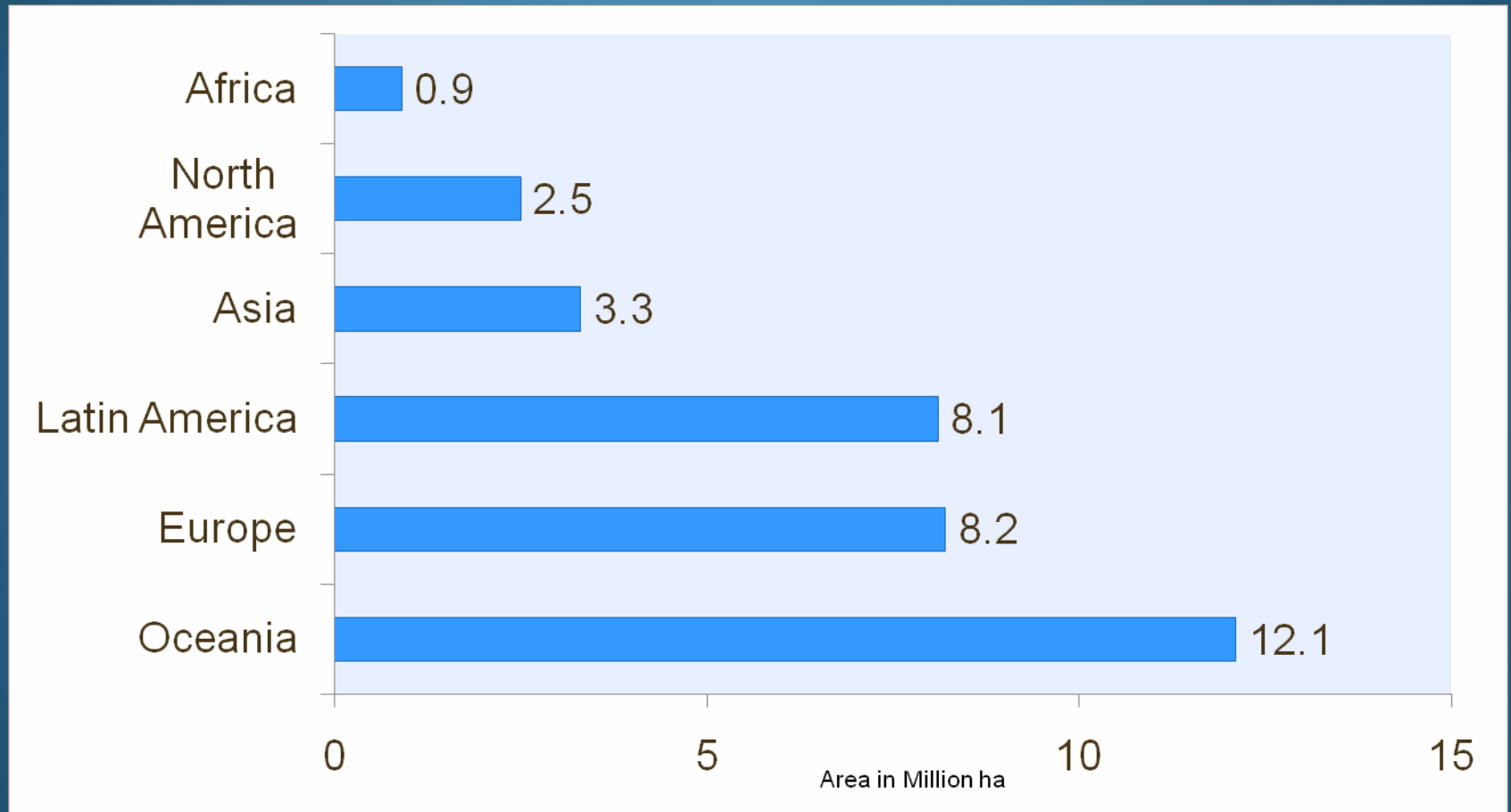


Organic Farming

World Scenario

- 35 million agricultural land
- 1.4 million producers
- Oceania, Europe and Latin America largest organic producing continents
- Australia, Argentina and China are countries with largest area
- 22 m ha grass land, 8.2 m ha arable land & permanent crops
- 31 million ha organic wild harvest collection

Continent wise Growth



Global Organic Food Market

- 50.9 billion US\$ (2008)
- Doubled in 7 years (25 billion US\$ in 2003)
- Demand mainly in North America and Europe (97%)
- Asia, Latin America and Australasia are main producers
- Global Organic Market Access programme led by IFOAM working for equivalence and harmonization

India Organic Pathway



Growing Organic in India

- Grown 25 fold in last seven years
- It is a combined effect of farmers' efforts, NGOs work, Govt. interventions and market forces push
- Producing wide range of commodities
- Developing domestic market
- Growing awareness for safe and healthy contamination free food



Quality Assurance

- India has internally acclaimed certification system both for export and domestic
- 20 certification bodies to choose from
- A new farmer group centric certification system known as Participatory Guarantee System on the anvil

Organic Statistics

At a Glance

- Total organic area > 1,08,650 ha
- Total projects 2099
- No of Grower groups 919
- Total organic farmers 548,045
- Total certified production 17.11 lakh t
- Number of processors 427
- Total export 58,408 t
- Value of export in Rs. 5254.9 million
INR
- Value of export in US\$ 112 million US\$
- Number of exporters 299

Important States and Commodities

- **Madhya Pradesh** **Cotton**
- **Maharashtra** **Cotton, rice, wheat, soybean**
- **Gujarat** **Cotton**
- **Orissa** **Cotton**
- **West Bengal** **Tea**
- **Kerala** **Spices**
- **Rajasthan** **Cluster bean and herbs**
- **Tamil Nadu** **Coffee and herbs**
- **Punjab/Haryana/HP** **Basmati rice, Honey**
- **Madhya Pradesh and Rajasthan** **Wild collection**



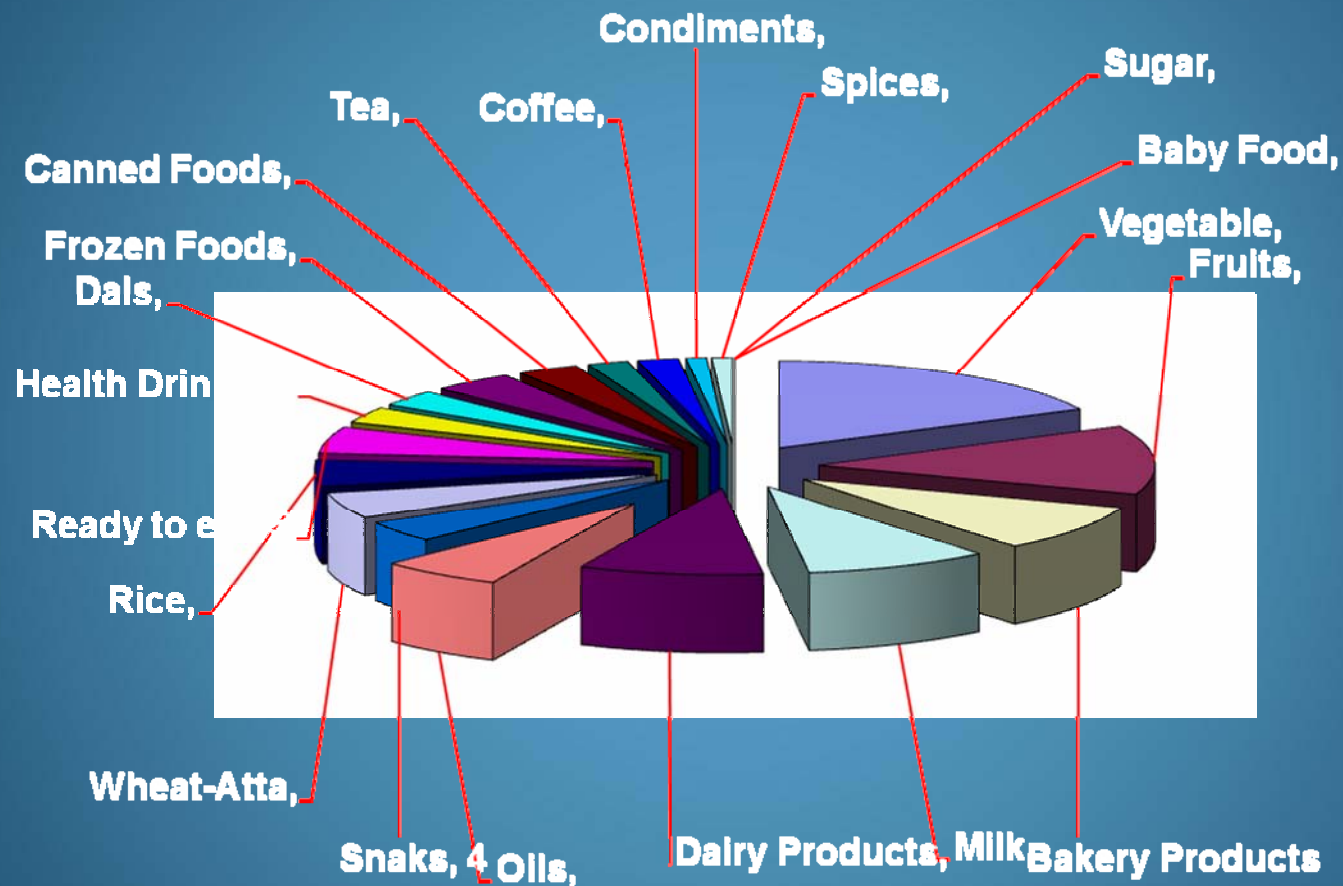
Production of Different Commodities under Organic Management and Consumers preferences



Production of Important Commodities

Crop	Quantity produced in MT (2009-10)
Cotton (seed cotton)	837293
Rice	17762
Wheat	113570
Other cereals and millets	271042
Pulses	53227
Oil seeds and Soybean	315067
Tea/ Coffee	40614
Spices	168507
Fruits and Vegetables	889844
Herbal and Medicinal	189193
Other	24661

Market Potential by Products in Top 8 Metros



Business Opportunities

- **Organic adoption and Certification facilitation**
- **Post harvest processing, storage and packaging**
- **CO₂ fumigation storage chambers**
- **Value chain development and retailing**
- **Input production**
- **Organic seed production**
- **Integrated community biogas and manure production units in villages with net work of service and maintenance providing agencies**
- **Organic Milk is very attractive commodity need marketing links**
- **Organic oil is another potential subject**
- **Soybean by products (meal, oil and lecithin)**
- **Herbal dyes and essential oils**
- **Medicinal and herbal plants and their processed forms**

India Emerging as Major Player of Organic Food Producer

Only vegetarian food items at
the moment

The area is likely to grow
by 25-35%

It is likely to capture 5% of total
cultivable area and total food
market in next 10 years



Thank You