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Center for Smart Agriculture

Organic Certification and Inspection Systems



Module 1: Organic Agriculture
Session 4: World of Organic Agriculture



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The world of organic agriculture

- ✓ As per the details released at BioFach 2010 at Nuremberg, the organic agriculture is developing rapidly, and statistical information is now available from 154 countries of the world.
- ✓ Its share of agricultural land and farms continues to grow in many countries.
- ✓ The main results of the latest global survey on certified organic farming are summarized below



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Growing area under certified organic agriculture

- ✓ 35 million hectares of agricultural land are managed organically by almost 1.4 million producers.
- ✓ The regions with the largest areas of organically managed agricultural land are Oceania (12.1 million hectares), Europe (8.2 million hectares) and Latin America (8.1 million hectares).



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- ✓ The countries with the most organic agricultural land are Australia, Argentina and China.
- ✓ The highest shares of organically managed agricultural land are in the Falkland Islands (36.9 percent), Liechtenstein (29.8 percent) and Austria (15.9 percent).
- ✓ The countries with the highest numbers of producers are India (340'000 producers), Uganda (180'000) and Mexico (130'000). More than one third of organic producers are in Africa.



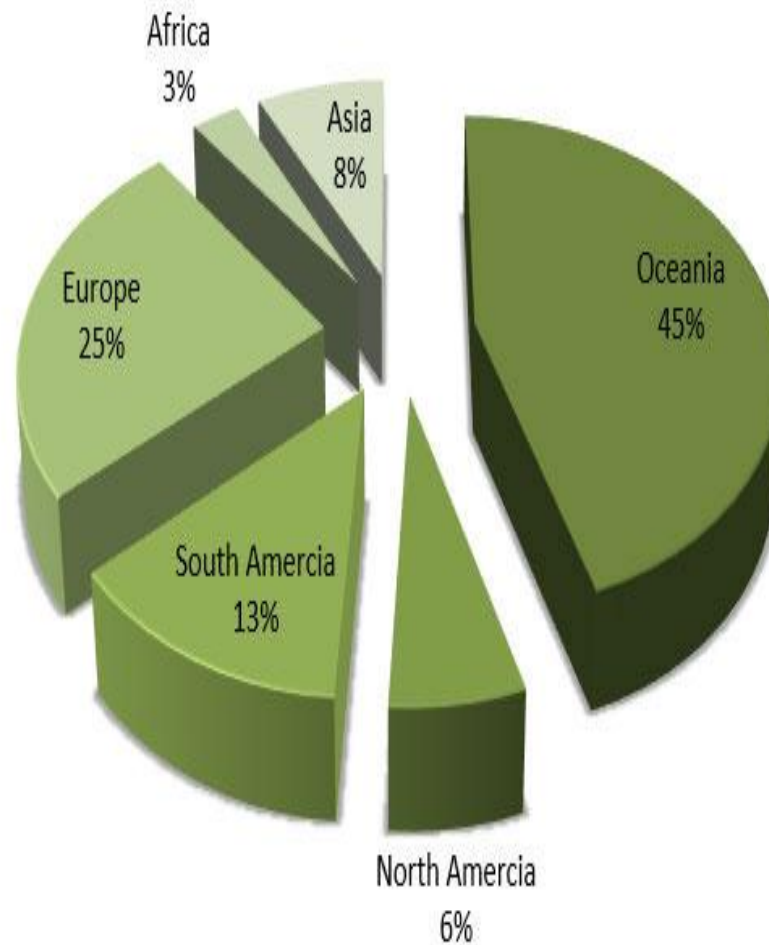
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- ✓ On a global level, the organic agricultural land area increased in all regions, in total by almost three million hectares, or nine percent, compared to the data from 2007.
- ✓ Twenty-six percent (or 1.65 million hectares) more land under organic management was reported for Latin America, mainly due to strong growth in Argentina.
- ✓ In Europe the organic land increased by more than half a million hectares, in Asia by 0.4 million.



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Global Share of Organic Farming



(Source: World of Organic Agriculture IFOAM & FiBL Outlook, ICREIR knowledge Report)



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Standards and regulations

- The new EU regulation on organic production came into force as well as the Canadian organic standard.
- Furthermore, the Australian domestic organic standard was implemented.
- Canada and the U.S. concluded the world's first fully reciprocal agreement between regulated organic systems, and the EU introduced procedures for approving certification bodies from outside the EU.



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- It is expected that these developments will ease trade in organic products and foster the future growth of the sector
- ✓ In 2009, FAO, IFOAM and UNCTAD started the Global Organic Market Access (GOMA) project.
- ✓ Most certification bodies are in the European Union, the United States, Japan, South Korea, China, Canada, and Brazil.



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Organic Agriculture in India

- ❖ The growth of organic agriculture in India has three dimensions and is being adopted by farmers for different reasons.
- ❖ First category of organic farmers are those which are situated in no-input or low-input use zones, for them organic is a way of life and they are doing it as a tradition



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- ❖ Second category of farmers are those which have recently adopted the organic in the wake of ill effects of conventional agriculture, may be in the form of reduced soil fertility, food toxicity or increasing cost and diminishing returns.
- ❖ The third category comprised of farmers and enterprises which have systematically adopted the commercial organic agriculture to capture emerging market opportunities and premium prices.



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Growing area

- ✓ Emerging from 42,000 ha under certified organic farming during 2003-04, the organic agriculture has grown almost 29 fold during the last 5 years.
- ✓ By March 2010 India has brought more than 4.48 million ha area under organic certification process.
- ✓ Out of this cultivated area accounts for 1.08 million ha while remaining 3.4 million ha is wild forest harvest collection area.



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Regulatory mechanism

- For quality assurance the country has internationally acclaimed certification process in place for export, import and domestic markets.
- National Programme on Organic Production (NPOP) defines the regulatory mechanism and is regulated under two different acts for export and domestic markets.
- NPOP notified under Foreign Trade Development and Regulation Act (FTDR) looks after the export requirement.



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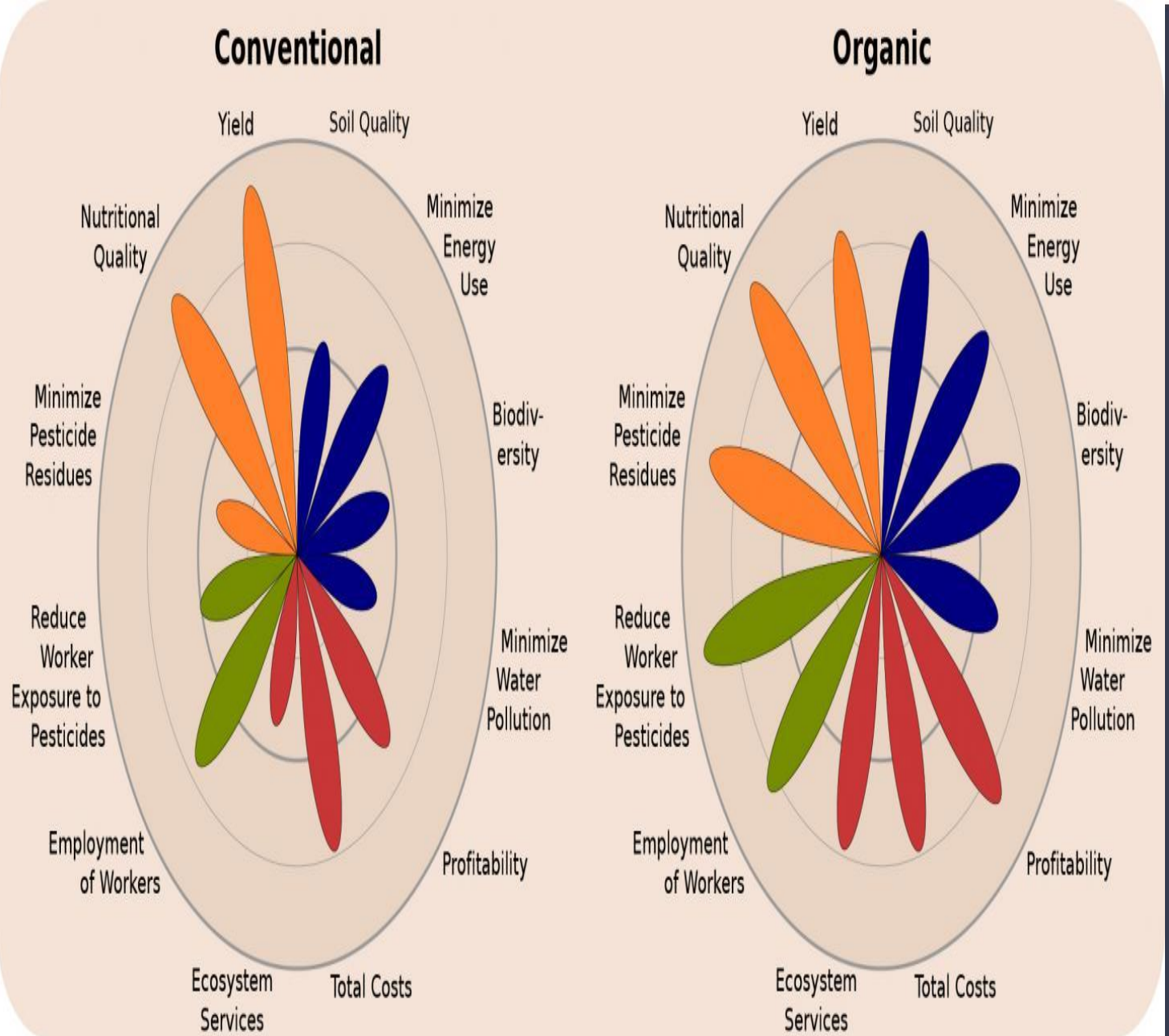
Regulatory body of NPOP under FTDR act is Agricultural and Processed Foods Export Development Authority (APEDA) under Ministry of Commerce and of NPOP under APGMC act is Agricultural Marketing Advisor (AMA) under Ministry of Agriculture.

Accreditation of Certification and Inspection Agencies is being granted by a common National Accreditation Body (NAB).



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Conventional Vs. Organic Farming

Source: Google Image



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Growth of area under organic management

S.No.	Years	Area under Organic management in Ha
1.	2003-04	42,000
2.	2004-05	76,000
3.	2005-06	1,73,000
4.	2006-07	5,38,000
5.	2007-08	8,65,000
6.	2008-09	12,07,000
7.	2009-10	10,85,648



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Overall status of organic production projects, processors, quantity produced, quantity exported and the value of export (Year 2009-10)

S.No.	Component	Quantum
1.	Area under Organic certification Process (ha)	
	Full organic	757978.71
	In-conversion	327669.74
	Total	1085648.45
2.	No. of Farmers under Organic certification Process	
	Full organic	351297
	In-conversion	246576
	Total	597873
3.	Number of operators	2099
4.	Number of processors	427
5.	Number of grower groups	919
6.	Number of exporters	253
7.	Total Production (MT)	1,811,111
8.	Total quantity exported (MT)	53,918
9.	Value of export in US \$	116.09 million
10.	Value of export in INR Rs.	591 crores INR



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THANK YOU