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# **Organic Farming for Sustainable Agricultural Production**

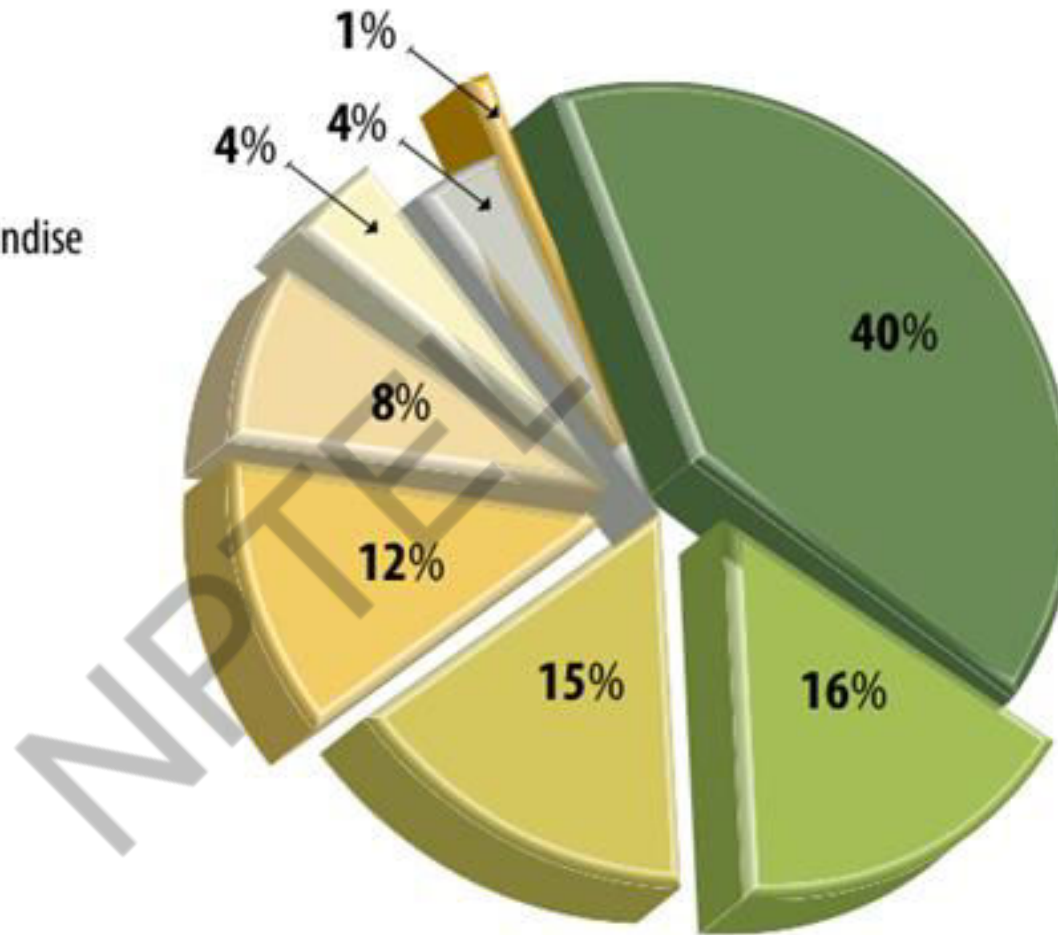
**Dr. Dillip Kumar Swain, Associate Professor**  
**Agricultural and Food Engineering Department**

**Lectures 02 : Organic Farming: Introduction and Status (Contd.)**

## Organic Sales By Category

Grocery banners, mass merchandise  
and drug stores, 2012

- Fruit & Vegetables
- Beverages
- Dairy & Eggs
- Bread & Grains
- Packaged Foods
- Condiments
- Snack Foods
- Meat, Poultry, Fish



*Grocery banners, mass merchandise and drug stores, 2012*



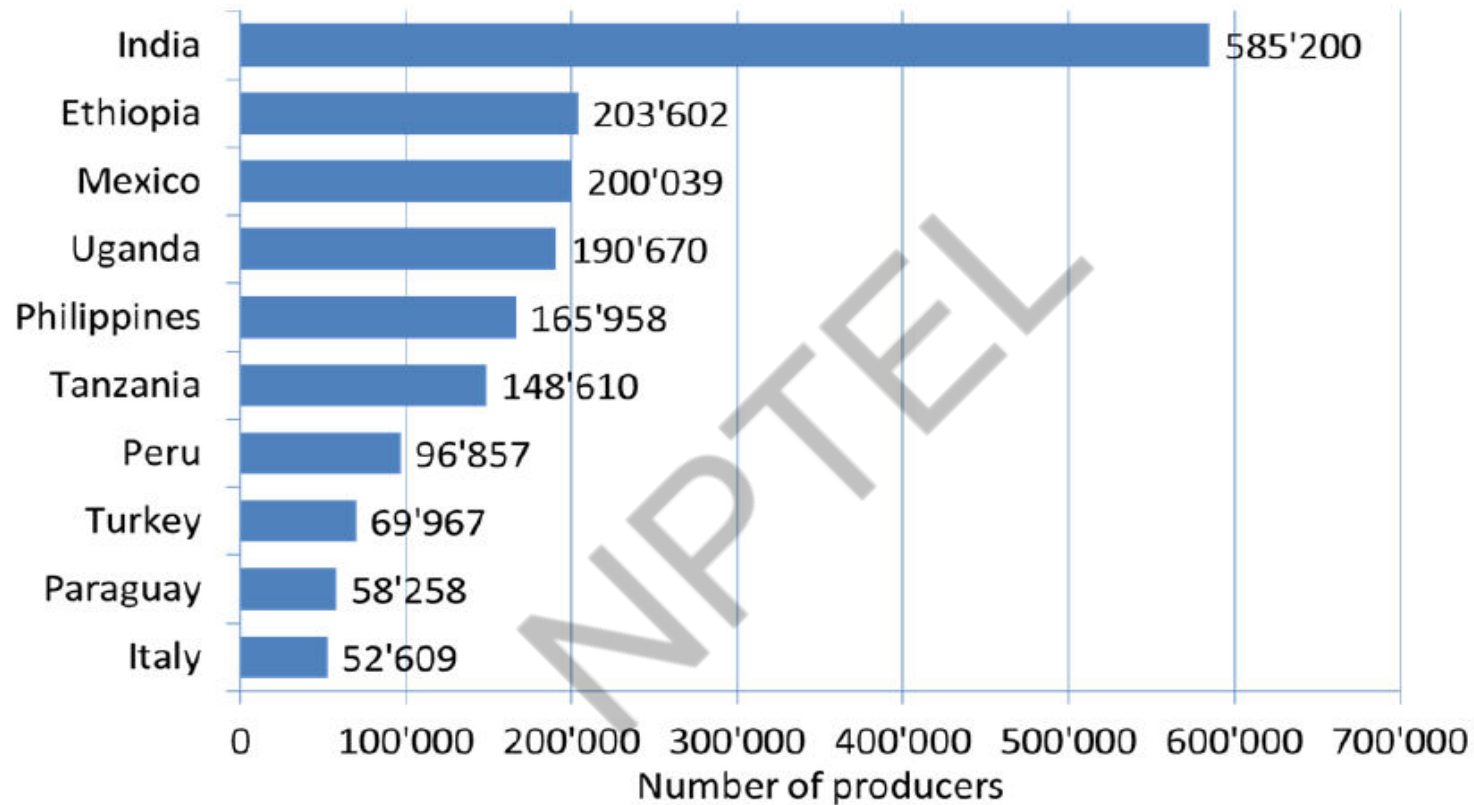
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## The ten countries with the largest numbers of organic producers 2015

Source: FiBL survey 2017



*FiBL survey, 2017*



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## India has More Organic Farmers Than Any Other Country

India 5,85,200

Ethiopia 2,03,602

Mexico 2,00,039

Uganda 1,90,670

Philippines 1,65,958



## India Saw the Third Highest Annual Increase of Organic Cultivable Land in 2015

Area added in 2015 (hectares)

Australia 43,50,000

US 4,74,810

India 4,60,000

Spain 2,58,095

France 2,56,483

*Source: Research Institute of Organic Agriculture (FiBL) and IFOAM, 2015*



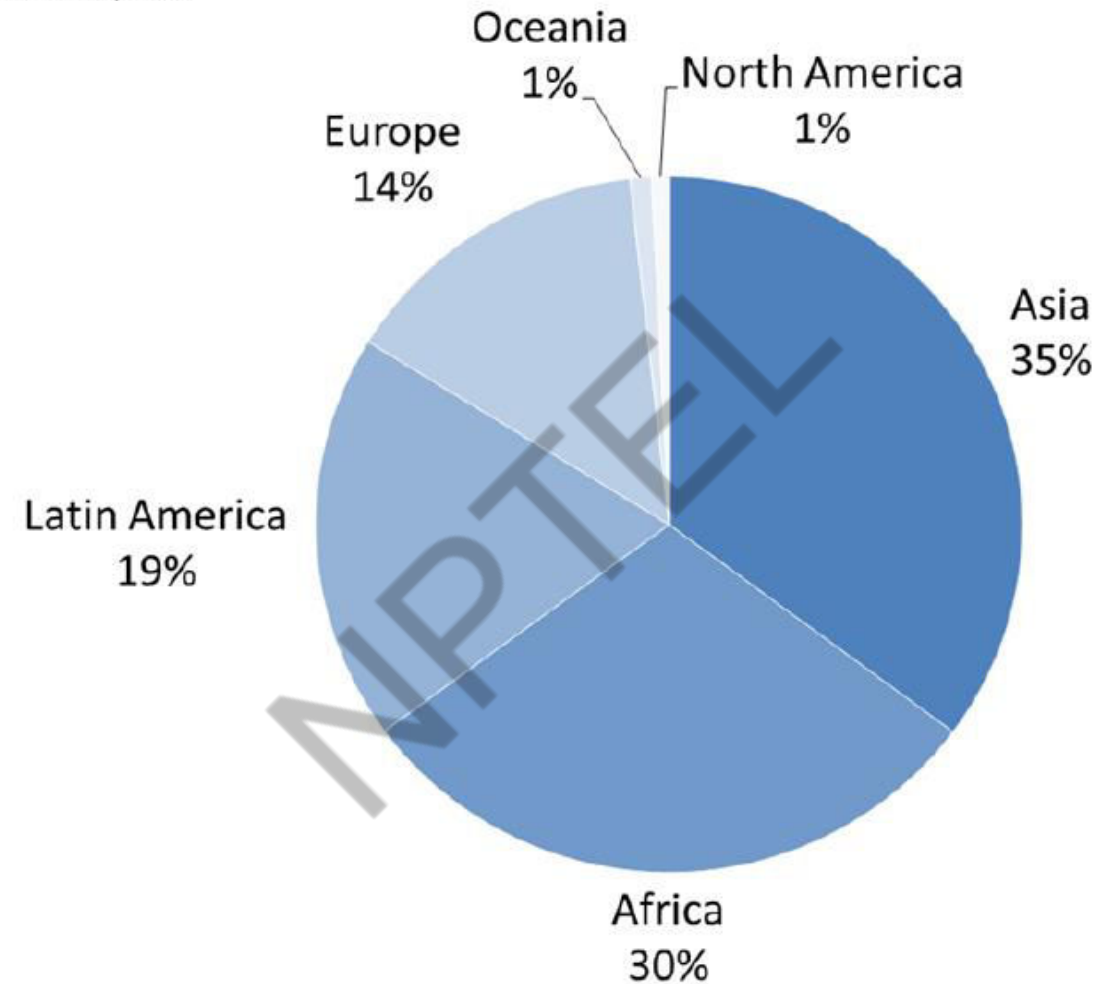
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## Organic producers by region 2015

Source: FiBL Survey 2017



*FiBL survey, 2017*



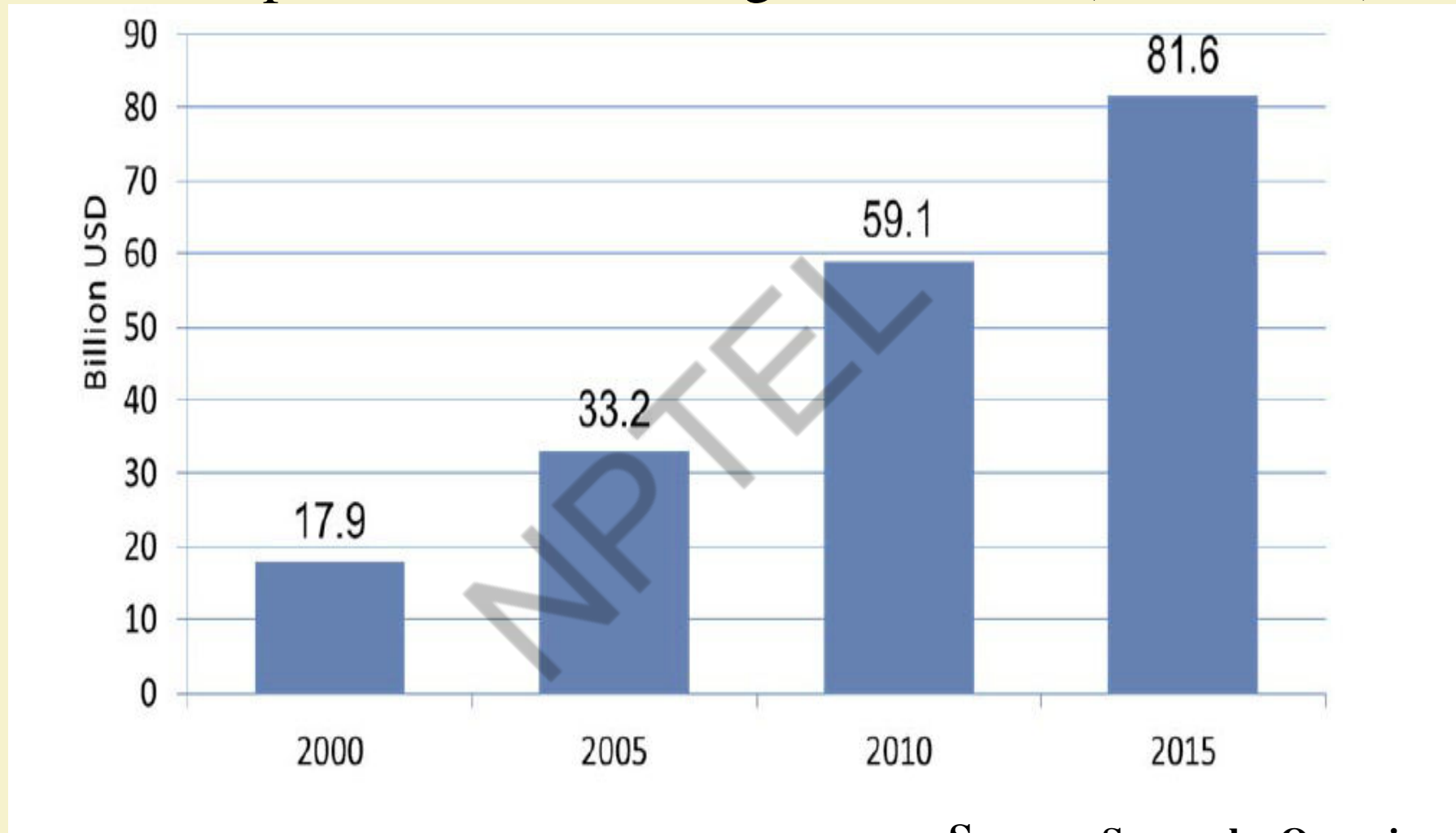
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## Development of Global Organic market (2000-2015)



**Source: Survey by Organic monitor, 2015**

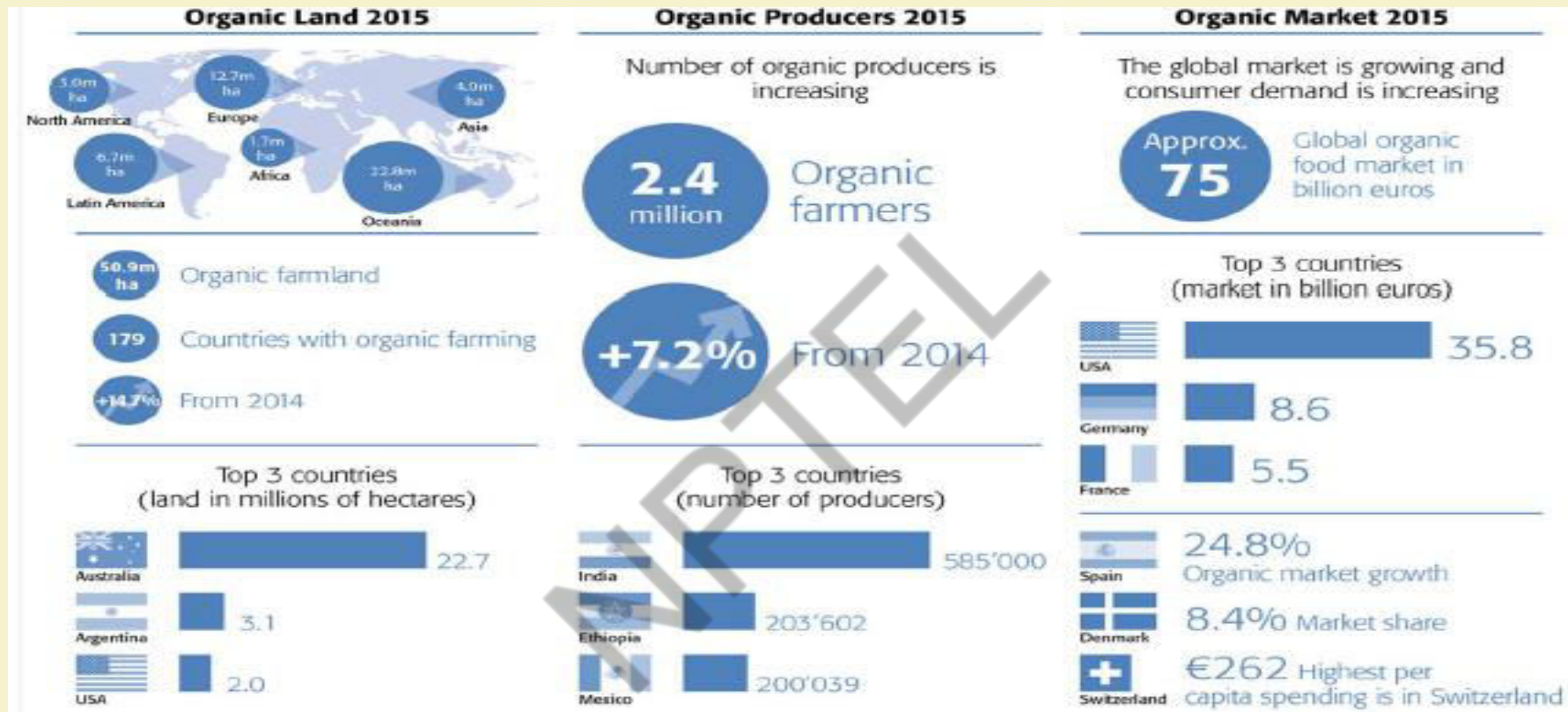


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# World of Organic Agriculture 2015



**Source:** FiBL survey based on national sources, 2017 ([www.Organic-world.com](http://www.Organic-world.com))



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# Organic Food- Domestic sales and Exports

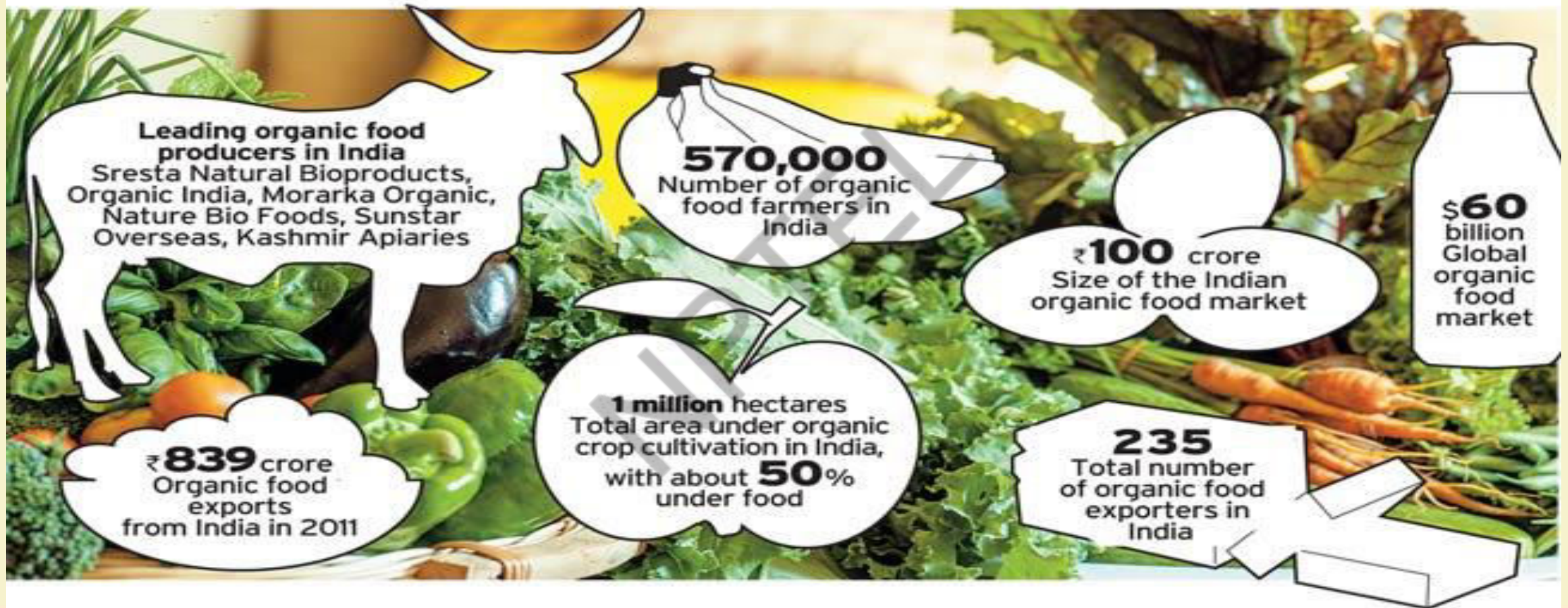
Products	Domestic Sales- tonnes
Tea	1500
Coffee	750
Spices	500
Rice	5000
Jaggery, Sugar	6000
Wheat and Flour	3000
Pulses	2500
Fruits and Vegetables	5000
Millet's flour	2000
Oils and Ghee	2000
Squashes, Jams	500
Snacks	500
Honey	2000
Others (essential seeds, etc.)	5000

Product	Exports- tonnes
Oil Crops (except Sesame)	17966
Cotton & Textiles	17363
Process Food	8752
Basmati Rice	5243
Tea	2928
Sesame	2409
Honey	2409
Rice	1634
Dry Fruits	1472
Cereals	1348
Spices-Condiments	1174
Medicinal & Herbal Plants/ Products	627
Coffee	320
Vegetables	167



# WHERE WE ARE NOW?

## FOOD FOR THOUGHT



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## Future prospects

- Organic Farming has grown almost 25-30% per year during last 10 years
- In spite of recession fears, the growth of organic farming is going unaffected
- With the increasing awareness about the safety and quality of foods, long term sustainability of the system and accumulating evidences of being equally productive, the organic farming has emerged as an alternative system of farming which not only address the quality and sustainability concerns, but also ensures a debt free, profitable livelihood option

# Why Organic Farming Suitable in India

- Organic farming requires
  - ✓ 30 % less input cost
  - ✓ 10 % more price for final produce
  - ✓ 90 % productivity of conventional agriculture.
- Maintaining animals for compost provides additional income from milk.
- Organic farmer is more involved in the farming systems hence easily adopts milk farming like poultry, goatery, piggery etc.
- Proper collection, value addition and marketing of this extra produce will increase the income substantially.
- 80 % farm holdings are small and marginal and resource poor. For them organic agricultural is attractive system.



# Conversion to Organic Agriculture

## How to become an organic farmer



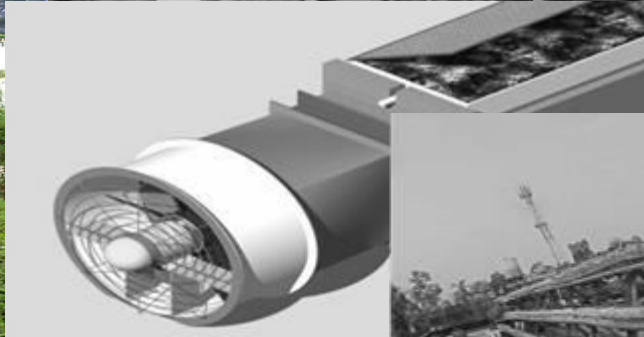
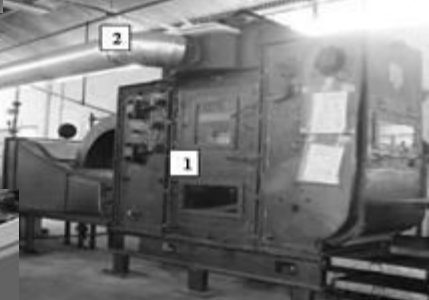
## Where to get information on organic agriculture



## How to start implementing organic practices







**Thank you**