



Pepper in India

- Important agricultural commodities of trade since pre-historic period
- Supports more than 0.25 million farm communities
- Mainly produced in Kerala, Karnataka, Tamil Nadu and North Eastern region
- Commonly observed cultivation system is the “extensive homestead cultivation”



Production of Pepper in India

Year	Production (Tons)
2010	50,000
2011 (Estimate)	48,000
2012 (Projection)	43,000



Factors affecting current Production and Productivity of Pepper

- **Small and marginal holding**
- **Existence of senile and unproductive vines**
- **Losses due to pest and disease**
- **High cost of inputs**
- **Labour shortage**
- **Weather conditions**
- **Non-adoption of appropriate agronomic and disease management practices**



Initiatives taken to face the challenges

- **Re-plantation and rejuvenation of pepper plantations in Idukki & Waynad districts of Kerala and North Eastern states**
- **Training on Good Agricultural Practices(GAP) to farmers, traders, NGO's, extension advisory staff and unemployed rural youth**
- **Support to farmers in acquiring Organic Certification under National Programme for Organic Production (NPOP)**

Cont..



Initiatives taken to face the challenges

- **Training for mass production of Bio-agents [Trichoderma / Pseudomonas / Entomo Pathogenic Nematodes] to farmers and establishment of Bio-agent production units**
- **Mobile Agri Clinic services (weekly) and Free Soil testing**
- **Thrust on farm mechanization. Assistance for the purchase of mechanical pepper threshers.**

Cont..



Initiatives taken to face the challenges

- Support to farmers for hygienic drying of pepper (supply of Bamboo mats/polythene sheets and construction of concrete drying yards).
- Establishment of Spices Park (Idukki, Kerala) for full line processing namely cleaning, grading, sorting, grinding, packing and sterilization.
- Personal Accident Insurance scheme for small and marginal growers and labourers with subsidized premium.

Spices Park at Puttady



Warehouse



Drying Yard



Pepper Grinding





Quality Evaluation Labs

- Quality Evaluation Lab of Cochin is an ISO – 17025 & 14000 certified lab which is well equipped to provide all the physical, chemical and microbiological analysis to the Spice industry.
- Regular participant in Codex Committee meetings
- Conducts training for the technical persons from the industry on physical, chemical and microbiological analysis
- Quality Evaluation Labs are also functioning at Mumbai, Guntur and Chennai.
- Quality Evaluation labs are underway in Delhi, Tuticorin, and Kandla.

Quality Evaluation Lab





Research on Pepper

Indian Institute of Spices Research(IISR), Panniyur Research Station of Kerala Agricultural University and many other Agricultural Universities are involved in research on varietal development, production, productivity, pest & disease management and post harvest management Pepper.





Wide range of Processed Products

- **Milled/Crushed Pepper**
- **Ground Pepper**
- **White Pepper**
- **Dehydrated Green Pepper**
- **Freeze Dried Green Pepper**
- **White Pepper Powder**
- **Pepper in Brine**
- **Green Pepper Pickle**
- **Pink Pepper in Brine**
- **Pepper Oil**
- **Pepper Oleoresin**



	Export & Import of Pepper		
	<i>Quantity in MT</i>		
	Year	Export	Import
	2010	17773	17180
	2011(Estimate)	23500	14000
	2012(Projection)	21000	14000


	Export of Pepper Products from India				
	<i>Qty in M.T : Value in Million US\$</i>				
	Item	2010		2011 (Jan – Sept)	
		Qty	Value	Qty	Value
	Black Pepper	10381	40.73	10996	62.75
	White pepper	168	1.07	228	1.95
	Green pepper products	1539	5.76	1269	6.60
	Black Pepper Powder	4551	18.07	3195	19.29
	White Pepper Powder	1135	6.04	838	5.78
	Pepper Oil	88	6.56	66	6.95
	Pepper Oleoresin	1281	28.32	1014	31.12



Month wise FOB Price of Pepper

(Price in Rs./Kg)


Months	2010	2011
January	174.41	237.37
February	157.59	231.77
March	165.41	241.30
April	158.40	242.11
May	171.00	261.72
June	174.68	271.50
July	173.70	295.01
August	187.93	283.66
September	194.91	313.98
October	206.34	
November	217.86	
December	225.62	
Average	183.99	264.27



Import of Black Pepper into India

Quantity in MT

Country	2010	2011 (Jan – Sept)
Vietnam	5694	5346
Sri Lanka	7337	4010
Indonesia	3349	2584
Total (Incl. Others)	16463	11973



Import of White Pepper into India

Quantity in MT

<i>Country</i>	<i>2010</i>	<i>2011 (Jan – Sept)</i>
<i>China</i>	<i>69</i>	<i>69</i>
<i>Indonesia</i>	<i>183</i>	<i>162</i>
<i>Vietnam</i>	<i>466</i>	<i>439</i>
<i>Total</i>	<i>718</i>	<i>670</i>



The vision of Indian Pepper Industry is to attain a production level of 100,000 M.T by 2015 and to occupy atleast 25% of the world market



Welcome



11th World Spice Congress

9 to 11 Feb 2012

The Westin Pune Koregaon Park, Pune, Maharashtra

"Sustainability & food Safety - Global initiatives"

Organised by:








Thank You

10