



4th National Standards Conclave

**Evolving a Comprehensive National
Strategy for Standards
- Sectoral and Regional Inclusiveness**

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Session -5

Risk Assessment in agri-food trade and
policy options

**Indian experience of risk assessment in
agricultural exports**

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National Ecosystem Organisations Involved

- **Food Safety and Standards Authority of India (FSSAI)**
- **Bureau of Indian Standards (BIS)**
- **Directorate of Marketing and Inspection (AGMARK)**
- **Export Inspection Council of India (EIC)**
- **APEDA**



Measuring up of Standards in Agro Exports

Two options:

- **As a response to market requirement (s) such as import restriction/ban; or as a**
- **Pro active measure for development of exports**



Experience and Lessons Learnt by APEDA



Table Grapes in EU

- **Detection of pesticide residues in Indian Table Grapes in EU in 2003 compelled recall of consignments**
- **Residue Monitoring Plan introduced by APEDA**
- **Upgraded in 2007 to GrapeNet - web based traceability system**



Current Status

- **About 285 chemicals are tested before export**
- **Network of 11 recognised laboratories**
- **National Research Centre for Grapes (NRCG), Pune under ICAR acts as Referral Laboratory**
- **Over 38,000 orchards registered in Maharashtra and Karnataka**
- **361 exporters sourced grapes from registered orchards**
- **Export 2016-17: 1.01 lakh MT (7659 containers)**
- **Extension of existing CCC MRL by EU for two years.**



Regulations in Fruits & Vegetables and Export Status

- **Irradiation in mangoes for USA**
 - 767 MT during 2016 from three facilities
- Higher quantity expected during current season**
- **Export to Australia started this year**
 - **Mangoes with Vapour Heat Treatment (VHT) being exported Japan, Korea, Australia, New Zealand and Chile**
 - **Export to EU & South Korea with Hot Water Dip Treatment**
 - **196 pack houses registered under Pack House Recognition scheme**
 - **Procedure for export of fresh fruits and vegetables**



Market Access Achieved Based on Compliance

- **Grapes in Canada on same approach as followed for exports to EU**
- **Inspection of Mango Hot Water Dip Treatment facility completed by Iran Plant Quarantine Authority in April, 2017.**



HortiNet

- **Grapes – Fully implemented for EU**
- **Mango – Farmers registration in Maharashtra, Gujarat, Andhra Pradesh and Karnataka**
- **Pomegranate -Farmers registration in Maharashtra and Gujarat**
- **Vegetables for EU – Okra, Green chilli, Brinjal, Curry Leaves, Bitter Gourd and Drum sticks in seven states**



Bovine Meat

- **DGFT notification in 2011 made it mandatory for meat processing plants to source raw material from APEDA registered abattoirs**
- **Strong resistance from meat processing plants**
- **Matter taken to courts at Mumbai and Delhi by the trade, court upheld the regulation**



Bovine Meat

- Resultantly, exports increased both in terms of value realization and quantum
- Export 2015-16: 1.3 mn MT value : USD 4 Bn
- Helped in obtaining market access in Indonesia and Russia
- Market access being pursued in USA, Korea, South Africa and China



Meat Net

- **Launched in November 2014**
- **Helps in online issue of Health Certificates by state Animal Husbandry Departments & other designated agencies**



Poultry Products

- **Processing and product standards for poultry meat and egg products notified under EIC Act in 2002**
- **Helped in market access for egg powder in Japan, EU and Russia**
- **Compartmentalization at unit level has been accepted by Kuwait**



Dairy Products

- **Processing and product standards for milk products notified under EIC Act in November 2000**
- **Helped in market access in Russia**
- **Being pursued in Mexico**



Peanut.Net

- **Export permitted only from APEDA registered units – about 140 units registered**
- **Introduced for EU, extended for all markets**
- **Hazard Analysis and Critical Control Points (HACCP) essential requirement for registration for export to EU**
- **Online issue of Certificate of Export by APEDA**
- **Initial trade resistance leading to court cases**



TraceNet for Organic Export

- **Web based trace and track mechanism for export of organic products to all markets**
- **28 Certification Bodies accredited under National Programme for Organic Production (NPOP), out of which 10 are state agencies**
- **Export during 2015-16: USD 298 million**
- **Major Products: Soybean, Basmati Rice, Sugar, Tea , Soymeal, Spices & Condiments**



Basmati rice

- **Detection of residue of Isoprothiolane in 2010 in EU threatened export.**
- **Import tolerance obtained**
- **Tricyclazole non approval in 2016**
- **Import tolerance in USA for Tricyclazole in 2014**
- **Now for Buprofezin**
- **New standards for import introduced by Iran in 2014 with requirement of pre-shipment inspection**
- **SOP from NPPO for registration of mills for export to USA and China**



Role of Domestic Standards

- **Domestic regulations would help in higher acceptability of Indian Agro Products in Global markets**



Thanks for your attention.