Agricultural and Processed Food Products Export Development Authority (APEDA)
(Ministry of Commerce and Industry, Govt. of India)

Traceability System in Agri Products

By Dr. Tarun Bajaj, Director, APEDA
Requirement of Traceability and food safety

• Compliance with traceability to ensure food safety and quality is major requirement for international food trade;
• Market access is given by developed countries only on compliance with food safety, quality and traceability requirements;
• Food safety includes compliance with MRLs of importing countries such as EU, USA, Japan, CIS, GCC which are major destinations for Indian food products;
• Developed market such as EU, USA, Japan, CIS, GCC are following recall systems in the event of non-compliance;
New Traceability Dimensions

• Compliance with food safety such as MRLs;

• Compliance with food safety management systems;

• Compliance with environment management system, CSR, etc.

• Compliance with Traceability from primary production to market;

• Compliance with supermarket specific standards;

• Authenticity and wholesomeness of food; etc.
Traceability initiatives undertaken by APEDA

• Implementation of Good Agriculture Practices for exportable grapes, pomegranates, vegetables;

• Implementation of Food Safety Management System in mango processing clusters of Chittor and Krishnagiri;

• Introduction of traceability systems from primary production for export of grapes, pomegranates and vegetables;
Traceability initiatives undertaken by APEDA

- Implementation of web-based monitoring for horticulture products through HortiNet (GrapeNet and AnarNet) covering followings:
  - Online Registration of Farms by State Agriculture/Horticulture Departments
  - Farmers apply through mobile app for farm registration
  - Online Consignment Creation by Packhouses and units
  - Online updation of Analysis reports by labs
  - Online Agmark Grading and Phyto Sanitary Certificate
  - Online monitoring of Analysis reports by Reference Lab
Traceability Systems

Total nos. of farmers – 116422

Total nos. of farmers – 35788

Total nos. of farmers – 1247401

Total nos. of Units – 160

Total nos. of plants – 135
List of products

- Grapes
- Pomegranates
- Mango
- Rice
- Peanut and Peanut Products
- Meat and meat products
- Bitter Gourd
- Curry Leaf
- Drum Stick
- Brinjal
- Green Chilly
- Organic
Export Procedures for ensuring traceability

- Procedure for export of Fresh Fruits and Vegetables to all countries.
- Procedure for export of Okra to EU.
- Procedure for export of Grapes and Pomegranates to EU.
- Procedure for export of Peanut and Peanut Products to all countries.
Procedures for ensuring traceability

• Recognition Procedure for Horticulture Produce Pack house

• Network of authorised food testing labs - 215

• National Referral Laboratory for products of plant origins at NRC Grapes Pune
Thank you for your attention