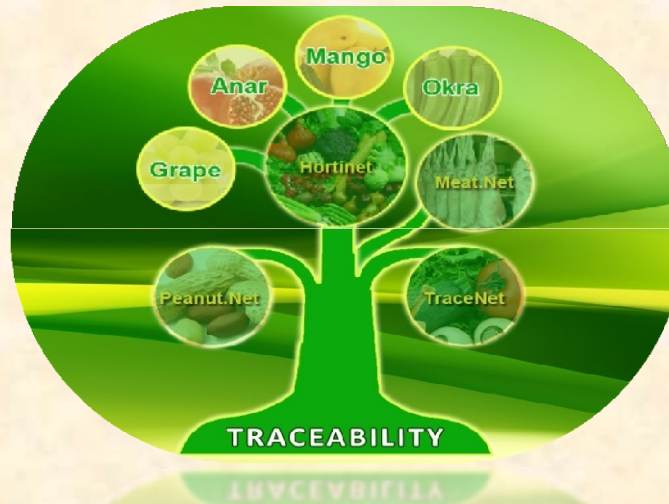# Agricultural and Processed Food Products Export Development Authority (APEDA)

(Ministry of Commerce and Industry, Govt. of India)

Traceability System in Agri Products

By Dr. Tarun Bajaj, Director, APEDA

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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;

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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.

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Traceability initiatives untaken by APEDA

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

- Implementation of Food Safty Management System in mango processing clusters of Chittor and Krishnagiri;

- Introduction of traceability systems from primary production for export of grapes, pomegranates and vegetables;

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Traceability initiatives untaken 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

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Traceability Systems

GrapeNet — A Traceability Software for Grapes

Total nos. of farmers – 116422

HortiNet — Traceability System for Horticulture Products

Total nos. of farmers – 35788

tracenet

Total nos. of farmers – 1247401

peanut.NET

Total nos. of Units – 160

Meat.Net — Certification system for export of meat products

Total nos. of plants –135

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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

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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.

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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

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Thank you for your attention

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