



भा. कृ. अनु. प - राष्ट्रीय अंगूर अनुसंधान केन्द्र
डाक पेटी नं. 3, मांजरी फार्म डाकघर, सोलापूर रोड, पुणे – 412307, भारत
ICAR- NATIONAL RESEARCH CENTRE FOR GRAPES
P.B. NO. 3, MANJRI FARM POST, SOLAPUR ROAD, PUNE - 412 307,
INDIA



Virtual Training Program

On

Pre- and Post- harvest sampling of fruits and vegetables for agrochemical residue analysis and aflatoxin analysis in peanut and peanut products

October 15-16, 2020

Introduction:

Sampling of Fruits and Vegetables:

Sampling of fruits and vegetables with geographic plot-level / pack house level traceability is one of the most important aspects of the Residue Monitoring Plan (RMP) for export of fruits and vegetables from India. In fact sampling is the first step and hence an integral part of the pesticide residue analysis workflow which directly influences the precision and accuracy of residue analysis results in field/lot samples. If sampling is not done as per a prescribed statistically valid randomized procedure, the validity of the analytical determination could be questionable. Also, inappropriate sampling could result in unacceptable and unexplainable variation in the test results of samples drawn by two different laboratories from the same field/lot.

Sampling of Peanuts and Peanut Produce:

Sampling is the most critical step in analysis of peanut and peanut products due to non-homogeneous nature of the aflatoxin contamination. Sampling of peanut and peanut products with pack house level traceability is one of the most important aspects of the residue monitoring plan for export of peanut and peanut products from India to various countries. The RMP document for control of aflatoxin residues in peanut and peanut products of APEDA clearly describes the systemic procedure to be followed for peanut sampling for aflatoxin analysis in compliance to various importing countries regulations.



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Course objectives:

The primary focus of this training will be to deliberate the procedure for pre-harvest and post-harvest sampling of fruits and vegetables for pesticide residue analysis and packhouse sampling of peanut and peanut products for aflatoxin analysis as per the APEDA regulations. The specific objectives of this training are as follows;

1. Familiarization and virtual demonstration on pre-harvest sampling of grapes and pomegranate for pesticide residue analysis
2. Familiarization and virtual demonstration of post-harvest sampling of vegetables for pesticide residue analysis
3. Familiarization and virtual demonstration of pack house sampling of peanut and peanut produce (PPP) for aflatoxins analysis

You will learn about:

- Overview of residue monitoring plan (RMP) of APEDA
- Documentation requirement for various sampling procedures
- Pre-harvest sampling procedure for pesticide residue analysis in grape and pomegranate
- Post-harvest sampling procedure for pesticide residue analysis in vegetables (Okra, Brinjal, Drumstick, Chilli, Curry Leaves, Bitter gourd)
- Packhouse sampling procedure in peanut and peanut produce for aflatoxin analysis
- Packaging and transport of samples to the laboratory- do's and don'ts.

Course dates:

15-16th October, 2020, through virtual mode (Virtual Training Link (ZOOM Platform); link will be shared with the laboratory only to the E-mail ID mentioned in the registration form)

Course fees and registration:



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The registration fee for this two day virtual training will be **Rs. 4000/- + 18% GST (Rs. 4720/-)** per participant.

Scanned copy of filled up registration form in the prescribed format (enclosed) with the RTGS payment details should be communicated to apedanrlpt@gmail.com

A maximum of **70 participants** only will be accommodated for this online training and confirmation will be given on first come first serve basis.

Please note that the communication of registration forms without the required details or to any other E-mail IDs will not be considered.

Bank details for RTGS/NEFT payment:

Name of the Bank	State Bank of India
Branch & Code No.	Hadapsar Branch (09062)
Bank Address	S.No. 153/1A/1A/1, Pune Solapur Road, Opp. Ram Manohar Lohia Garden, Kanchangunga Apartments, Pune 411 028.
Current Account No.	111 82 68 0031
IFSC Code	SBIN 0009062
MICR Number	411 00 2041
Name of the Centre	ICAR UNIT – NRC FOR GRAPES
Email Addresses AF&AO	auditnrcgrapes@yahoo.in, AND auditnrcgrapes@gmail.com

Note: You are requested not to deduct any TDS at your end since NRCG is exempted from any income tax deduction

Registration deadline:

On or before 10th October, 2020.

Please send the completed registration form (proforma attached) with payment details on or before 10th October, 2020 to apedanrlpt@gmail.com

Rules and Regulations for Virtual Training:

1. The training will be for two days on a virtual platform (ZOOM platform). The link will be communicated through E-mail to the laboratory's registered E-mail ID only.



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- Attendance during the entire training duration on both the days is mandatory for issuing the training certificate
- The participants should join with their affiliated laboratory followed by their name (If you are from the laboratory XXX, Mumbai and your name is YYY, please join as XXX, Mumbai,YYY). Access to the training will not be provided if you join with any other name or notations.
- The training certificate will be issued only in the name of laboratory. Hence, participations without the laboratory name will not be admitted

Program Schedule:

Activity	Time
Day-1 (15 October, 2020)	
Introductory remark and brief overview of the program	10.00 am to 10.15 am
General awareness and regulatory requirement on importance of sampling in pesticide residue analysis	10.15 am to 11.00 am
Tea Break	
Method of pre-harvest sampling in grape and pomegranate for pesticide residue analysis	11.15 am to 12.30 pm
Method of post-harvest sampling in fruits and vegetables for pesticide residue analysis	12.30 pm to 1.15 pm
Sampling Video for Grape	1.15 pm to 1.45 pm
Day-2 (16 October, 2020)	
General awareness and regulatory requirement on importance of sampling in aflatoxin analysis in peanut and peanut products	10.00 am to 11.00 am
Tea break	
Method of pack house sampling in peanut and peanut produce for aflatoxin analysis	11.15 am to 1.00 pm
Sampling Video for Peanut	1.00 pm to 1.30 pm