



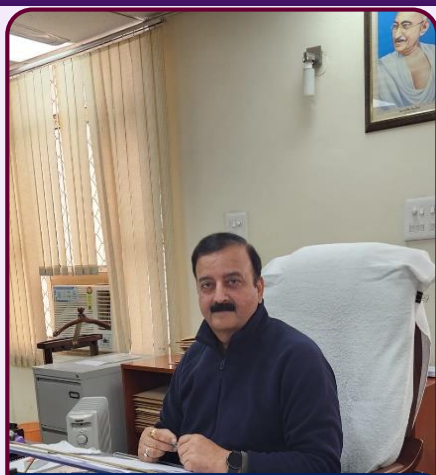
e-NEWSLETTER



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October - December 2023

The ultimate objective of plant health management system is to strengthen backward linkages for effective plant health measures involves building a robust mechanism that starts from the source of inputs and extends to the point of agricultural production. This approach not only ensures pest-free and residue-free agricultural products but also contributes to increasing farmers' income. The DPPQ&S is making best efforts in the endeavour to achieve these key strategies:



Plant Protection Adviser's Desk

1. Integrated Pest Management (IPM):

- Promote the adoption of IPM practices that emphasize biological control, cultural practices and the judicious use of pesticides.
- Advocate for crop rotation and diversification to break pest and disease cycles.
- Encourage farmers to monitor pest populations, use resistant crop varieties and implement preventive measures.
- Highlight the significance of maintaining healthy soil through proper nutrient management and organic matter incorporation.
- Advocate for soil testing to guide farmers in balanced fertilizer application.
- Provide training and extension services to farmers on IPM techniques.

2. Seed treatment:

- In order to reduce the inoculum, encourage the use of seeds and plant material treatment at the time of sowing through awareness programs.

3. Plant Quarantine Measures:

- Strengthened quarantine measures at entry points to prevent the introduction of invasive pests and diseases.
- Strict inspection protocols being implemented for imported agricultural inputs to prevent the biosecurity

risk to the Indian agriculture.

4. Early pest and disease detection and timely advisory:

- Train farmers in early detection methods for pests and diseases.
- Educate farmers on role of natural enemies in the farmers' fields and their conservation
- Promote the use of scouting and monitoring techniques to identify issues before they become widespread.
- Provide timely alerts on potential pest and disease outbreaks based on weather patterns.
- Strengthened coordination along the entire plant protection set up of Central and State Governments for timely communication to the farmers.
- Establish clear communication channels to disseminate information on pest outbreaks and control measures.

5. Promote use of biocontrol agents and bio-pesticides:

- Encourage the use of natural enemies, bio-pesticides and organic farming practices as sustainable alternatives.
- Provide information on the benefits of reducing synthetic inputs for long-term soil and environmental health.
- Encourage research and development in green chemistry for the creation of safer and environmentally friendly pesticide alternatives.
- Encourage the development and registration of bio-pesticides through incentives and streamlined approval processes.

6. Risk Assessment and data requirements for registration of pesticides:

- Follow a rigorous risk assessment process that considers the potential environmental and human health impacts of pesticides.
- Clearly defined data requirements for pesticide registration, ensuring that comprehensive studies are conducted on toxicity, environmental fate, residue levels, and efficacy.
- Conduct thorough pre-approval evaluations by a competent regulatory authority.
- Assess the safety, efficacy and residue of chemical pesticides through standardized testing procedures.

7. Quality Assurance in Input:

- Through SPTLs/ RPTLs/ CIL ensure that producers of agricultural inputs (pesticides/ bio-pesticide) adhere to quality standards.
- Conduct regular inspections and audits of input manufacturing units / supply chains.

8. Safe handling of Pesticides:

- Provide guidelines on the safe handling, storage, and disposal of pesticides to minimize health and environmental risks.
- Stress the importance of using personal protective equipment (PPE) during pesticide application.

9. Training and Extension Services:

- Conduct regular training sessions and workshops for farmers on pest management, disease prevention, and sustainable farming practices.
- Enhance farmers' capacity to make informed decisions regarding plant protection.
- Emphasize the judicious and responsible use of approved pesticides, following recommended dosage and application methods.
- Educate farmers on the selection of low-residue pesticides to ensure the safety of agricultural produce.
- Provide continuous training and extension services to farmers on best practices for pest management and residue reduction.
- Facilitate farmer participation in workshops and field demonstrations.

10. Data Collection and Monitoring:

- Implementing an effective system for monitoring and collecting data on pest and disease occurrences.
- In the process to utilize technology such as AI/ML and data analytics for early detection and response.

11. Public-Private Partnerships:

- Foster collaboration between government agencies, research institutions, and the private sector.
- Encourage private sector investment in the development of technologies and practices that enhance plant health.

12. Phytosanitary Certification and Traceability:

- Implementing certification for export of pest-free agricultural products.
- Introduced traceability systems through pack houses to track the production and movement of agricultural

products from farm to export.

13. Market Access and Export Promotion:

- Educate farmers on market requirements and phytosanitary standards for agricultural produce.
- Assist farmers in adopting practices that meet phytosanitary standards, ensuring market access and higher returns.
- Facilitating market access for farmers producing high-quality, pest-free, and residue-free agricultural products.
- Actively contribute towards phytosanitary issues and furnishing technical information for market access which eventually promote these products in to international markets.

14. Farmers' Empowerment:

- Empower farmers with knowledge and resources to make informed decisions about plant health.
- Establish farmers' field schools to facilitate collective actions in pest management and quality improvement.

By integrating these strategies into a comprehensive framework, DPPQS is close coordination with various stake holders unweariedly working so that backward linkages can be strengthened, resulting in a more resilient and sustainable agricultural system that produces pest-free and residue-free products. This not only benefits farmers by enhancing their income but also contributes to the overall competitiveness of agricultural exports.

- Dr. J.P. Singh
Plant Protection Adviser



Catalogue

- 🌀 **Highlights**
- 🌀 **International Participations**
- 🌀 **Dignitary Visits**
- 🌀 **Trainings and Workshops**
- 🌀 **Bilateral Phytosanitary Negotiations**
- 🌀 **Special Achievements & Events**
- 🌀 **The Gazette of India Notifications**
- 🌀 **Media Coverage**

Highlights

Integrated Pest Management (Efforts of CIPMCs):

- During the period 3.28 lakh ha. of crop area was surveyed and issued three advisories for the management of the important pests.
- 1100.65 million biocontrol agents were released across 0.52 lakh ha. area for managing pests.
- Successfully conserved the natural habitat of bio agents in over 2.63 lakh ha.
- In Rabi season 19 FFS are being conducted in which 665 farmers are trained about IPM practices.
- 11 two days HRD programmes were conducted where 604 Nos. of AEOs, NGOs, Lead Farmers, Private Entrepreneurs were trained on IPM measures.
- 2 nos. of five days HRD programmes were conducted where 80 Nos. of AEOs of various states were trained on IPM measures.

Plant Quarantine (Efforts made by PQ stations):

- ♣ Facilitated export of Agricultural commodity and issued 121549 numbers of Phytosanitary Certificates for 72.16 lakh MTs. of various Agricultural commodities.
- ♣ Issued Import clearance for 38156 numbers of Agricultural consignments for 46.65 lakh MTs.
- ♣ 221 numbers of quarantine pests in 72 import consignments were detected and have been succeeded in preventing the entry of exotic pests through an effective PQ inspection system.

No. of certificates of registrations/accreditations of Agencies issued during the quarter

Name of registrations/accreditations of Agencies	Nos.
Methyl Bromide (MBr)	18
Aluminium Phosphide (ALP)	30
Forced Hot-Air Treatment (FHAT)	25
Hot water immersion treatment (HWIT)	4
Vapour Heat Treatment (VHT)	2
Modified Atmosphere Treatment Facilities CO ₂	1
Pack Houses for Export of fresh fruits and vegetables to EU countries	3
Rice Mills / Processing Units for Rice Export to USA	5
Rice Mills / Processing Units for Rice Export to China	5
Processing Units for export of Peanut	4
Pack Houses for Export of Pomegranate Arils to Australia	3
Pack Houses for Export of Pomegranate Fruits to Australia	1
Pack Houses for Export of Pomegranate Aril to USA	1
Phytosanitary Service Agency as per NSPM-23	1

New Appointments: 06

incumbent joined as Scientific Assistant and Technical Assistant in the Directorate during the quarter October to December, 2023.

*Best
Wishes*

Central Insecticide Laboratory, Regional PTLs and Techno Legal Cell:

- ▲ RPTL's tested 1590 numbers of samples, out of which 85 were declared misbranded.
- ▲ The CIL tested 458 samples, out of which 117 were found misbranded.

Central Insecticide Board and Registration Committee:

- The committee has issued Certificate of Registration for a total number of 1767 pesticides out of which 57 were issued for bio-pesticides, 1404 for chemical pesticides and 274 were issued for export purpose.

Locust Warning Organization (Efforts by LWO/LCOs/FSIL):

- Conducted Desert Locust Survey in 33.588 lakh ha. and Published & circulated six locust information bulletins during the quarter highlighting current locust situation in India and neighbouring countries.
- Participated in three Indo-Pak border meeting physically and one SWAC meeting and DLIO workshop at Rome, Italy.

Rajbhasha Hindi:

The Parliament committee on Official Language conducted inspection meeting of Regional Central Integrated Pest Management Centre, Lucknow on 30.11.2023 to verify progress made on implementation of Hindi in office. Sh. Ashish Kumar Srivastava, JS (PP), Dr. J. P. Singh, PPA were present in the meeting.



Second Official Language Inspection by the Sub-Committee of Parliamentary Committee on official language of Regional Plant Quarantine Station, Kolkata on 28.12.2023.

Many activities were conducted in the directorate on account of Hindi Pakhwada for the staff of directorate and cash prizes were also awarded for the participants who won in those activities.



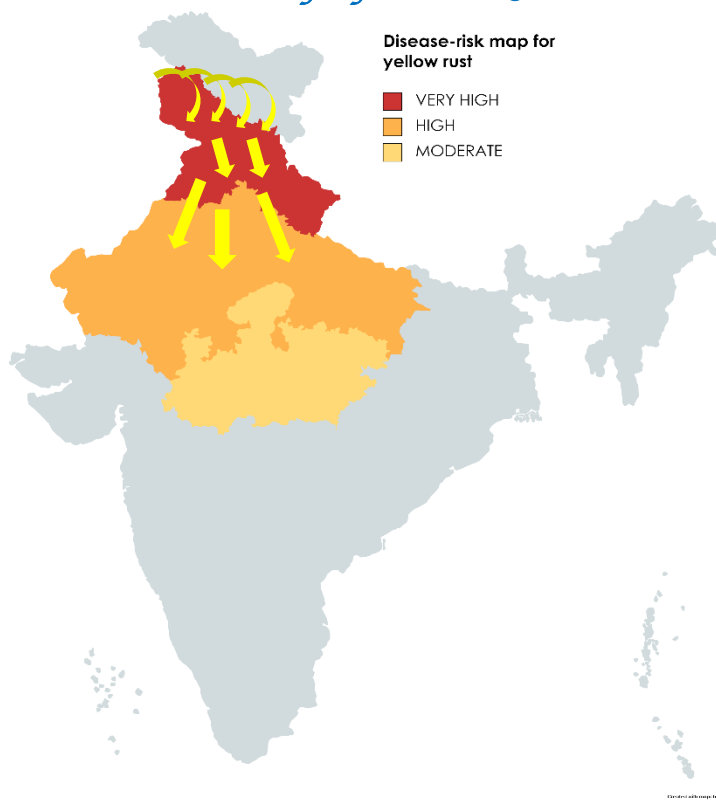
Planning and Coordination Unit:

- A total of 30 nos. of RTI requests and 34 of grievance requests were resolved during the quarter.
- The Draft Reply of all the Parliamentary Questions have submitted to DA&FW within the stipulated time period.
- Facilitated participation of 21 no. of participants in FAO sponsored training program on Sustainable Management of Fall Armyworm in Maize during 16th & 17th October 2023 at NIPHM, Hyderabad,
- 15 no. of participants participated in Training of Masters Trainers for the safe use of Glyphosate at NIPHM, Hyderabad,
- Facilitated training of one personnel at NIPHM, Hyderabad on Pesticide Residue Analysis (PRA) during 29.11.2023 to 19.12.2023.

Wheat Yellow Rust

- In India, yellow rust is a major disease in the Northern Hill Zone and the North-Western Plain Zone and spreads easily during the onset of cool weather and when wind conditions are favourable. Rain, dew and fog favour the disease's development.
- The inoculum survives in the form of uredospores / teliospores in the hills during off season on self-sown crop or volunteer hosts, which provide an excellent source of inoculum.
- Once the cold weather sets in, the early sown wheat in the foothills of Himalayas gets infected by yellow rust as temperatures between 7-16°C favour the germination of resting spores.
- The wind borne uredionospores carry the infection towards Punjab, Haryana, Eastern UP, Rajasthan and Northern MP and result in expression of disease.

Disease Risk-Map of Wheat Yellow Rust



Monitoring



- Constant monitoring in sub-mountainous areas of Punjab, Uttarakhand, Himachal Pradesh and Haryana is necessary to combat the disease.
- If cloudy weather prevails for longer duration in these areas inspect the fields for small bright, yellow-coloured stripes parallels all along the venations of the leaf blade, leaf sheaths, spikes, spikelets, glumes and awns.
- Use a hand lens to look for symptoms on all parts of the plant and examine a number of plants throughout the field. Rub your fingers over the leaf blade and look for yellow powdery residues.
- If the yellow rust is noticed in the wheat crop, it is advised to spray the crop with Propiconazole 25 EC @ 0.1 % (1 ml / litre).



"31st Foundation Day of ICAR-NBAIR "

Sushri Shobha Karandlaje, Hon'ble MoS, MoA&FW, Government of India inaugurated 31st Foundation Day of ICAR-NBAIR, Bengaluru. On this event Dr. J. P. Singh, PPA, Dr. P. K. Singh, Agriculture Commissioner, DA&FW, and Dr. S. C. Dubey, ADG (PP&B), ICAR, were present on this occasion. Such events are valuable for fostering collaboration, sharing knowledge, and celebrating milestones in the agricultural research and development.



National dialogue on "Threats of Invasive Insect pests in India: Challenges and Way Forward"

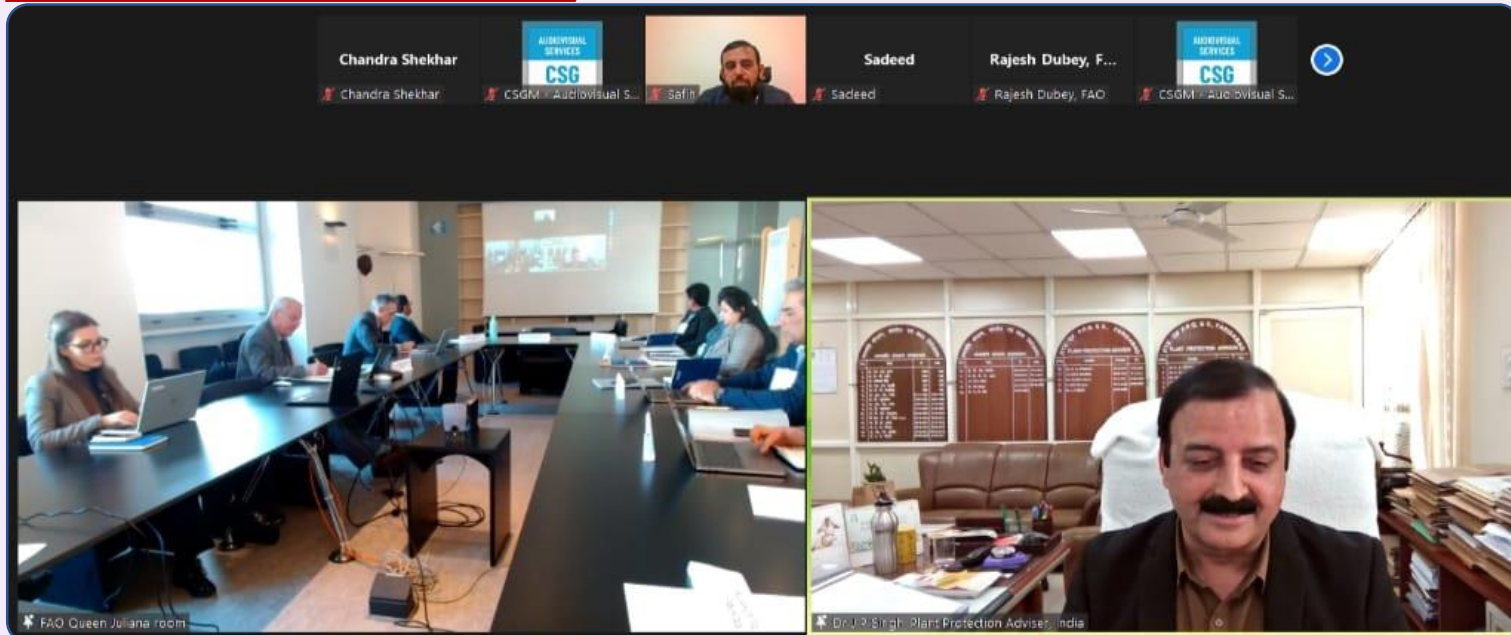


Dr. J. P. Singh, PPA addressed in the National dialogue on "Threats of Invasive Insect pests in India: Challenges and Way Forward" organised by ICAR-NBAIR, Bengaluru under the Chairmanship of Dr. P. K. Singh, Agriculture Commissioner, DA&FW, Government of India. During the session, Sh. Kunal Satyarthi, Joint Secretary, Disaster Management; Dr. B. Balaji, Secretary, NBA, Chennai; Dr. S. C. Dubey, ADG (PP&B), ICAR; Dr. S. N. Sushil, Director, NBAIR, Bengaluru; Dr. R. K. Murali Baskaran, PS, ICAR-NIBSM, Raipur; Mr. Bhyrappa, DD, NACEN, Bengaluru; Dr. Alok K. Srivastava, Director, ICAR-NBAIM & Dr. Subhash Chander, ICAR-NCIPM also participated and shared their valuable inputs.



International Participations

33rd session of SWAC at FAO,



Mr. Rajesh Dubey, FAO ECTAD in India & National Operations and Programme Officer.



Dr. Shaloo Ayri, Deputy Director (E) and Dr. Virendra Kumar, Assistant Director (PP) attended the event the event.

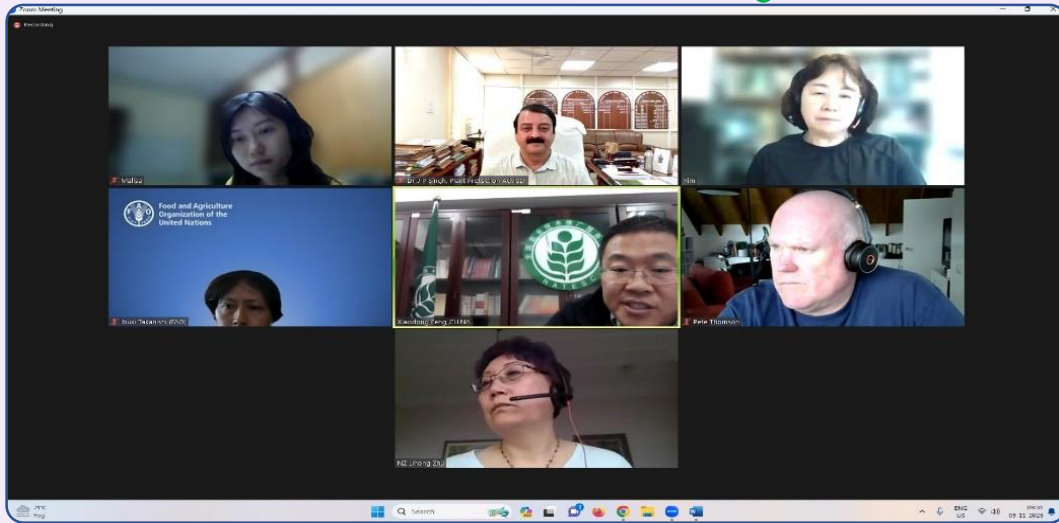
Dr. J. P. Singh, PPA addressed the inaugural session of 33rd session of SWAC held at FAO, Rome from 18th to 22nd December, 2023 virtually and briefed the desert locust activities in India including challenges and highlighted the use of drones in locust control operations during 2019-20. During this session various issues on locust control and research including use of new technology, data management, Joint survey, financial matters, capacity building etc. were discussed.





FAO Global Symposium on sustainable Fall Armyworm Management

Dr. Sunita Pandey, Joint Director (E) Participated in the "Global Symposium on sustainable Fall Army Worm Management" held in Beijing, China during 31.10.2023 to 01.11.2023.



Participation in APPPC Advisory Group Meeting

Dr. J. P. Singh, PPA participated virtually in APPPC Advisory Group Meeting on dated 03 Nov. 2023.



5th Meeting of India-Bangladesh Sub-group on ICPs/LCSs

Dr. Oinam Tarunkumar Singh, Deputy Director (E) participated in "05th Meeting of India-Bangladesh Sub-group on ICPs/LCSs" held in Dhaka Bangladesh during 04.11.2023 to 06.11.2023.

Pesticide Residue Risk Assessment and the establishment of Maximum Residue Limits in Asia

Dr. T. Sonai Rajan, Assistant Director (E), participated in Training on "Pesticide Residue Risk Assessment and the establishment of Maximum Residue Limits in Asia" held in Bangkok, Thailand during 20.11.2023 to 24.11.2023



★ Diwali Celebration!! The day of Lights ★



The festival of lights, Deepawali was celebrated in the Directorate on 10.11.2023 and on this occasion The Rangoli Drawing Competition was organized for the staff of the Directorate. All the staff actively participated in the activity, later Dr. J. P. Singh, PPA addressed the gathered and prizes were awarded for the best Rangoli drawings.



Dignitary Visits

Visit of Shri. Kailash Choudhary, Honorable Union Minister of State for Agriculture and Farmers Welfare, Government of India



Honorable Union Minister of State for Agriculture and Farmers Welfare, Government of India, Shri Kailash Choudhary on 30th November, 2023 visited the Central Pesticide Laboratory and Directorate of Plant Protection, Quarantine and Storage, Faridabad and discussed issues of agricultural interest with concerned scientists.



Mr. Neil MacDonald, CABI, Head Europe, MENA and South Asia visited the Directorate and discussed better cooperation in future regarding various technical and scientific matters with Dr. J.P. Singh, Plant Protection Advisor.

Visit of Shri Manoj Ahuja, Secretary & Shri Ashish Kumar Srivastava, Joint Secretary (PP), Ministry of Agriculture and Farmers Welfare



Shri Manoj Ahuja, Secretary & Shri Ashish Kumar Srivastava, Joint Secretary (PP), Ministry of Agriculture and Farmers Welfare visited the Directorate on 23rd December, 2023. The Secretary gave various important guidelines for the upliftment of the Directorate including use of latest technology, purchase of state-of-the-art equipment, making more and more departmental information online with the help of information and technology.



Visit to Biocontrol Laboratory at RCIPMC, Faridabad

Dr. J.P. Singh, Plant Protection Advisor and other officials of the Directorate gave information about the working system of various units of the Directorate (Central Pesticide Board and Registration Committee, Central Pesticide Laboratory, Central Integrated Pest Management Center and Headquarters etc.) to the dignitaries.



Sapling planting at premises of CIB&RC



Visit to laboratory of CIL

Season Long Training Programme (SLTP)



Season Long Training Programme (SLTP) on Cotton crop was organized at RCIPMC, Nagpur. Dr. J.P. Singh, PPA, attended the valedictory function, and awarded certificates to all trainees. In his speech, he expressed that SLTP is crucial for providing valuable knowledge and skills related to pest management, crop health, and sustainable agricultural practices to the extension workers, farmers and stakeholders.

Preparation of AESA chart by the trainees



Release of IPM Manual

This SLTP was organized during the period 27th September 2023 to 26th October, 2023. In this programme 35 Nos. of State agriculture officer/ officials from Govt. of Maharashtra and 5 Nos. of State agriculture officer/ officials from Govt. of Madhya Pradesh were trained as Master trainer in IPM.



Observation of Insects in light trap



PAR Activity --Seed treatment and germination test of cotton seeds



Technical Session on Desert Locust

Trainings

&

Workshops

Five days human resource development programme on IPM



The five days HRD IPM orientation training programme was organized from 09.10.2023 to 13.10.2023 at RARI, Durgapura by **CIPMC, Jaipur** in which 40 officials from state agriculture department and RARI Durgapura participated. Vice Chancellor, Jobner University, Dr Balraj Singh and Officer in Charge CIPMC Jaipur Dr Vasudha Gautam inaugurated the training programme.

CIPMC, Jaipur



Demonstration of Trichocards and Biocontrol agents



CIPMC, Patna

Demonstration of Use of insect net to collect pests

The five days human resource development training programme on IPM *Kharif*, 2023-24 was organized by **CIPMC, Patna** for State Agriculture Department Officers/ Officials of Bihar from 9th to 13th October, 2023 wherein a total of 40 participants from different districts were participated in this training programme. The technical sessions were dealt by experts from DPPQS Faridabad, ICAR-RCER, Patna, ICAR-CPRS, Patna, RPCAU, Samastipur & KVK, Sheohar.





Exposure visit of NGO Personnel to CIPMC, Bhubaneshwar

18 Nos. of personnel from Mancheswar real estate NGO (Utkala Bipana Sahayaka Samiti) visited to CIPMC Bhubaneshwar on 22.11.23. They were informed about the IPM technology, its usage and importance and encouraged to promote among the farmers. Information regarding bio-pesticides and beneficial insects of crops was also disseminated along with explanation of production of bio-pesticides and *Trichogramma* culture and card preparation.

Visit of PG student of Loknete Mohanrao Hiray College to CIPMC, Nashik

PG Students and teaching staff from Loknete Mohanrao Hiray College, Nashik Visited CIPMC, Nashik on 6th November 2023. During their visit the technical staff of CIPMC, Nashik explained the working of CIPMC and importance of Integrated Pest Management in modern Agriculture. A laboratory visit was also conducted that gave visitors a first-hand experience of *Corcyra* Rearing and Trichocards preparation along with *Trichoderma* Production and Mass Multiplication.



Workshop on Export and Import

A Workshop with the stakeholders of Export and Import of plant and plant products was held on 09/12/2023 in the conference hall of Packhouse unit of RPQS Mumbai. Total 80 participants attended the meeting. During the meeting various issues pertaining to export of fresh fruits & vegetables to EU countries and import of plants and plant products discussed and queries raised by the importers were addressed.

Workshop with Treatment Providers/Pest Control Operators

A workshop with Treatment Providers/Pest Control Operators for Import/Export of Plant Products & Wood/Bamboo Manufactured commodities to/from India was held on 12/12/2023 in the conference hall of RPQS Mumbai. Total 55 participants attended the meeting. During the meeting various issues pertaining to NSPM-09, NSPM-12 and NSPM-22 were discussed.





Workshop with Customs & Custom house agents & Airport Authority

The meeting was held on 15.12.2023, at Air Cargo Complex, Hyderabad in which Mr. Rahul Mishra, PPO (PP) discussed on Phytosanitary Certification, Documentation, PQMS Issues, Relaxation and Non-Compliances.

Workshop on Export & Import

The meeting was held on 18.12.2023, at RPQS, Bengaluru in which 22 representatives from Exporters, Importers & Customs House Agents were present.



Workshop with Seed Exporters

The meeting was held on 20.12.2023, at RPQS, Hyderabad in 30 representatives from Seed Exporting Companies were present.

A Meeting with stakeholders was organized at Ceramic Association Office, Morbi on 28.12.2023 treatment providers registered under NSPM-12 and 09 engaged in fumigation /HT activities in Morbi area. The corrective actions taken by RPQS, Kandla on non-compliance notifications recently received by NPPO, India on WPMs (Wood Packing Materials)/ dunnage/ SWPMs (Solid wood packaging materials) exported from India to Argentina and EU countries for violation of compliance of ISPM-15 were discussed.

Workshop on ISPM-15 compliance



Visit of students of Sister Nivedita University to RCIPMC, Kolkata

RCIPMC Kolkata has conducted One-day in-house training program to the students of School of Agriculture Sciences, Sister Nivedita University, Kolkata on 09.11.2023 in which 46 students were oriented about the functioning of DPPQS & its bio-control laboratory functioning, safe & judicious use of pesticides, calibration and spraying techniques of pesticides, identification of bio-agents and demonstration of mass-production at farm level.



Visit of Students from Modern Vidya Niketan University to RCIPMC, Faridabad



Students from Modern Vidya Niketan University, Palwal visited Biocontrol Laboratory of RCIPMC, Faridabad. They were given information about the biocontrol agents and role in integrated pest management.



Directorate's Archive

Apropos Integrated Pest Management....

1989

First IPM Farmer Field School in the world

In 1980s when paddy was affected by the brown plant hopper pest due to which the first ever IPM FFS started in 1989 in Central Java in Indonesia to reduce farmer reliance on pesticides in rice. FFS was introduced by FAO in an attempt to find solution and IPM FFS soon were carried out in other Asian countries.

1990-91

Establishment of CIPMCs

Establishment of 26 CIPMCs initiated in 1991-92. Four new CIPMCs were sanctioned during 12th Five Year Plan and presently total 36 CIPMCs are working at different states.

1992

Publication of IPM Package of practices

A National Workshop on IPM for harmonization of Package of Practice were organized at NPTI, Hyderabad on 29-30 June, 1992 and by DPPQ&S Headquarters, Faridabad on 5-6 November, 1992 and 20 IPM Packages were evolved.

1992-93

IPM cluster demonstration and FFS

A crash programme of IPM training at CPPTI to make master trainers in the states and First IPM cluster demonstration and farmer Field Schools were organized

To be continued.....

Special Events & Achievements

Dr. J. P. Singh, PPA conferred with " Special Recognition Award "

Plant Protection Association of India, Hyderabad conferred Special Recognition Award to Dr. J. P. Singh, PPA, Gol, DPPQ&S, Faridabad during the International Conference on Plant Health Management, ICPHM held at Hyderabad from 15th to 18th November, 2023.



Bio-control Expo, 2023 by RCIPMC, Bengaluru

Sushri Shobha Karandlaje, Hon'ble MoS, MoA&FW, Government of India, Dr. P. K. Singh, Agriculture Commissioner, DA&FW, Dr. S. C. Dubey, ADG (PP&B), ICAR and Dr. S. N. Sushil Director, NBAIR-ICAR along with Dr. J. P. Singh, PPA visited the IPM stall organized by RCIPMC, Bengaluru at the Bio-control Expo, 2023.

Dr. J. P. Singh, PPA visited RPTL, Chandigarh.

Dr. J. P. Singh, PPA, visited Regional Pesticide Testing Laboratory, Chandigarh to supervise the functioning of RPTL, Chandigarh. During the visit, various issues related to capacity building of the Laboratory were discussed and given directions for compliance.





Inauguration of Bio-Pesticide Testing Laboratory



Dr. J. P. Singh, Plant Protection Adviser, inaugurated Bio-Pesticide Testing Laboratory at RCIPMC Bengaluru on 19.10.2023.

Participation in National Brainstorming Workshop

Dr. J. P. Singh, PPA addressed the national brainstorming workshop on IPM in Rice through VC organised by ICAR-NRRI Cuttack, Odisha



Participation in Krishi Road Map

CIPMC, Patna officers/ Officials has participated in 4th Krishi Road Map organized by Bihar State Agriculture Department on 18.10.2023 for implementing agricultural scheme for next 5 years. Smt. Droupadi Murmu, President, Govt. Of India was the chief guest of this programme. In line with this CIPMC, Patna was participated as one of the Stakeholder in this programme





Participation in IITF 2023

Regional Central Integrated Pest Management Centre (RCIPMC), Faridabad has participated in the India International Trade Fare (IITF), 2023 at Pragati Maidan, New Delhi from 13th to 27th November, 2023.



Participation in KRISHITHON-Agriculture Trade Fair

CIPMC, Nashik participated in the 16th edition of KRISHITHON-AGRICULTURE TRADE FAIR, from 23rd to 27th November 2023 at Nashik, Maharashtra. Krishithon is an Agro based organization that conducts events to showcase various aspects of agriculture and related industries. The informative stall positively created awareness about the importance of IPM in the farming community.



Participation in Kisan Mela

The one-day training programme on IPM & Mass production of biocontrol agents was carried out in the Kisan Mela organized by Kerala State Department of Agriculture & Farmers welfare under BKP 2023 in collaboration with CIPMC Ernakulam on 14.11.2023 at Anchalpetty Block Panchayath Hall, Pampakkuda, Ernakulam District. 200 Nos. of progressive were attended this training programme.

Visit of International trainees to PQS, Hyderabad

24 trainees from 12 different countries visited PQS, Hyderabad on 08.11.2023 and obtained training on Phytosanitary Aspects and Biosecurity Concern.



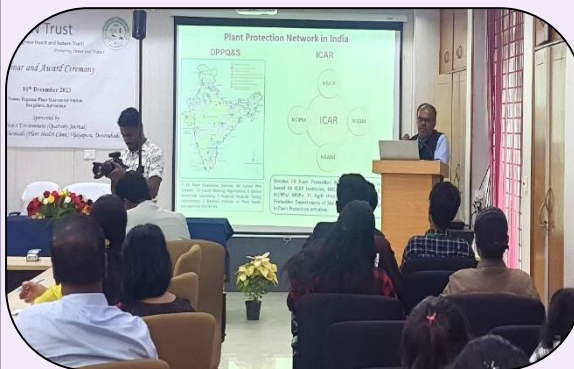


Special survey by Central Team on Pink Bollworm

The Department of Agriculture & Farmers Welfare, Ministry of Agriculture & Farmers Welfare, Government of India has constituted a central team to review the reasons for infestation of pink bollworm on cotton crop in Sriganganagar and Hanumangarh district of Rajasthan and to give suggestions and action to be taken in future to avoid such incidence of PBW. The team comprising experts from DPPQ&S, ICAR and State Agriculture Department surveyed affected farmers field from different blocks of

Sriganganagar and Hanumangarh districts of Rajasthan on 9-10 October 2023. Dr. Sunita Pandey, JD(E), IPM Division was a member from DPPQS in central team.

Seminar and award ceremony organized by INSECT Environment and AVIAN Trust at Conference hall, RPQS Bengaluru on 16.12.2023. Dr. S. V. Suresh, Vice Chancellor, UAS Bengaluru was the Chief Guest and Dr. D. K. Nagaraju JD (E), Officer in Charge, RPQS, Bengaluru was the Guest of honour. Two officers were awarded with Plant Protection Award and Dr. D. K. Nagaraju JD (E), Officer in Charge, RPQS, Bengaluru delivered lecture on Impact of invasive species on Bio diversity.



Participation in Mandaliya Rabi Utpadakta Goshthi – 2023

CIPMC Gorakhpur has participated in Mandaliya Rabi Utpadakta Goshthi-2023 on 16.12.2023 and displayed various IPM activities



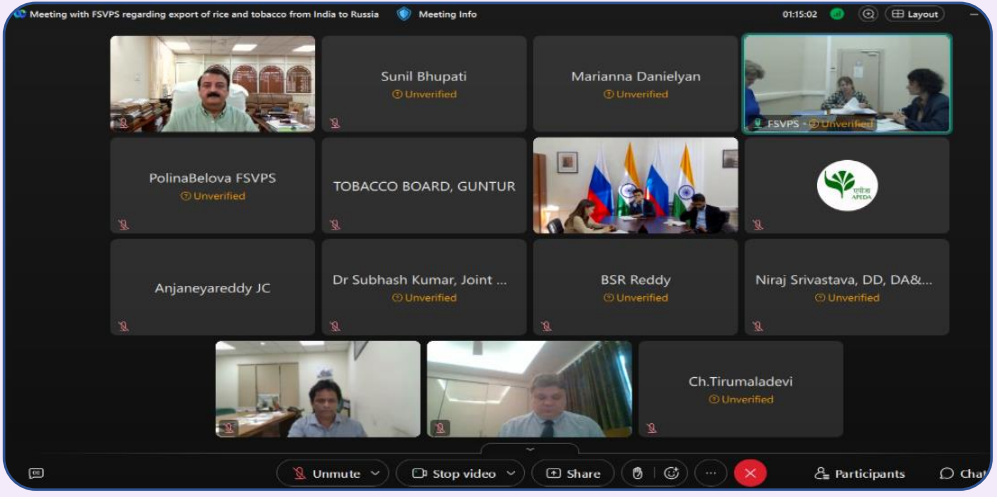
Training on PQ Regulations to Stakeholders

Guest lecture was delivered by Staff of RPQS Bengaluru at Hands On Training About Plant Quarantine Procedures at Agri and Processed Food Products Export Training Programmes Organized by KAPPEC, APEDA and FIEO on 21.12.2023

Bilateral Phytosanitary Negotiations



Dr. J. P. Singh, Plant Protection Adviser participated in online meeting with FSVPS, Russia on 01 Nov.2023 on the current issues of Restriction on Indian export on Rice and Tobacco.



Mr. Gyaneshwar Banchhor, Deputy Director (E), visited Aomori, Japan during 14.11.2023 to 17.11.2023 for On-site inspection of Japan's Apple pack houses and Orchards for import of fresh apple fruit to India.



Media Coverage




Dr. K.L. Gurjar, JD (PP) delivered a talk in DD Kisan on Chemical pesticides and Bio-pesticides used for Seed treatment before sowing in Rabi Crops.

Dr. G. P. Singh, Joint Director (E) has participated in television talk on Integrated Pest Management practices in Fruits and Vegetables on DD Krishi Darshan Uttar Pradesh.



कृषी अधिकारी चांगल्या रितीने शेतकऱ्यांना मार्गदर्शन करू शकतील : डॉ. जे.पी.सिंग

कीड व्यवस्थापनावर १ महिन्याच्या दीर्घकालीन प्रशिक्षण कार्यक्रमाचा समारोप

नागपूर, दि. २६ ऑक्टोबर: शेतकऱ्यांना आंतरराष्ट्रीय बाजारपेठेत योग्य मान मिळवण्यासाठी त्याला विषयाने तंत्राची योग्य माहिती देणे आवश्यक आहे. केंद्रीय एकीकृत कीड व्यवस्थापन द्वारे आयोजित कापूस पिकाच्या एकीकृत कीड व्यवस्थापनावर १ महिन्यांचे दीर्घकालीन प्रशिक्षणाला सहा महिन्यांचे पिकाची गुणवत्ता, उत्पादन आणि विषयाने याबबबबी कृषी अधिकारी चांगल्या रितीने शेतकऱ्यांना मार्गदर्शन करू शकतील असा विश्वास केंद्रीय कृषी मंत्रालयाच्या बबबबबी संरक्षण आणि संरक्षण संवर्धनच्या, परीक्षणाचे सहाय्यार डॉ. जे. पी. सिंग यांनी आज नागपूरत व्यक्त केला . केंद्रीय एकीकृत कीड व्यवस्थापन केंद्र नागपूर क्षेत्रीय कार्यालयद्वारे महाराष्ट्रातील लसेव बबब प्रदेश येथील २०० कृषी अधिकार्यांसाठी कापूस पिकाच्या एकीकृत कीड व्यवस्थापनावर १ महिन्यांच्या दीर्घकालीन प्रशिक्षण कार्यक्रमाचा समारोप प्रसंगी ते बोलत होते. याप्रसंगी एकीकृत कीड व्यवस्थापन केंद्र नागपूरचे संयुक्त संचालक डॉ. ए.के.बोहरिया, महााराष्ट्र शासनाच्या कृषी तंत्रज्ञान व्यवस्थापन यंत्रणा आल्या नागपूर विभागाच्या प्रकल्प संचालक डॉ. अर्चना कडू प्रामुख्याने उपस्थित होते. विविध देशांमध्ये पिकांच्या निर्यातीसाठी त्याचप्रमाणे कीटकनाशकांच्या वापराबद्दल काय आंतरराष्ट्रीय संकेत आणि करार आहेत याबद्दल डॉ. जे. पी. सिंग यांनी विस्तृत माहिती कृषी अधिकार्यांना दिली. केंद्रीयकृत कीड व्यवस्थापन केंद्रद्वारे आयोजित महिन्याभर चाललेल्या प्रशिक्षणाला प्रशिक्षणार्थींचा चांगला प्रतिसाद मिळाला. यापुढील आयोजित प्रशिक्षणासाठी काही सुधारणा . या प्रशिक्षणार्थींच्या तुकडीने सुचवल्यात असे आवडत डॉ. ए.के. बोहरिया यांनी यावेळी केले. कीटकनाशकांच्या कमीत कमी वापर करून पीकाच्या एका प्रीडबबटमध्ये या कीटकनाशकांचा अंश नसावा याकरिता शेतक-यांमधे सेंट्रिय शेतीकडे बळकट त्यांची शेती शाश्वत करावी असा सहा प्रकल्प संचालक डॉ. अर्चना कडू यांनी उपस्थित प्रशिक्षणार्थी कृषी अधिकार्यांना याने दिला. याप्रसंगी कृषी अधिकार्यांना प्रामाण्य आणि स्वयंनिर्भरतेचे केंद्राचे मान्यवरांचे हस्त करणयात आले. २७ ऑक्टोबर ते २६ ऑक्टोबर या एक महिना आयोजित प्रशिक्षण कार्यक्रमांतर्गत कृषी अधिकार्यांना वैयक्तिक निवडणुकांचे फायदे शेतकऱ्यांपैकी वसे पोहोचावे याचे प्रात्यक्षिक अभ्यास त्याचप्रमाणे व्याख्यानसत्रांच्या द्वारे प्रशिक्षण देण्यात आले. नागपूरतील एकात्मिक कीड व्यवस्थापन केंद्राच्या अंतर्गत महााराष्ट्र, छत्तीसगड, मध्य प्रदेश गोवा, गुजरात या पाच राज्यातील राज्यशासनाला कीड व्यवस्थापनाबाबतचे प्रशिक्षण दिले जात असून शासकीय पद्धतीने माहिती या केंद्रामार्फत दिली जात असून शेतकऱ्यांना कीटकनाशकांची निवड कळी करवी याबाबत देखील मार्गदर्शन केले जाते.

The proceedings of Season Long Training Programme held at RCPMC, Nagpur was telecasted and published in the media.

VIGILANCE AWARENESS WEEK

Vigilance awareness week was observed in the Directorate from 30th October 2023 to 5th November 2023 under the theme "Say No to Corruption; commit to the Nation". All the staff of the Directorate and its subordinate offices all over the country took the Integrity Pledge on this occasion.



सतर्कता जागरूकता सप्ताह
Vigilance Awareness Week
 30th October to 5th November, 2023
 भ्रष्टाचार का विरोध करें; राष्ट्र के प्रति समर्पित रहें
 Say no to corruption; commit to the Nation



PQS, Mangalore

CIPMC, Gorakhpur

RCIPMC, Kolkata

PQS, Trivandrum

CIPMC, Ernakulam



The Gazette of India Notifications

In sub-section (1) of section 3 of the Destructive Insects and Pests Act, 1914 (2 of 1914),

S.O. 4366(E), 6th October, 2023- Amendment in Schedule VI,

A) The following serial number and entries thereto shall be inserted- *Vigna subterranea* (Bambara groundnut), Dry grains for consumption, Nigeria.

B) *Echinacea purpurea*/ *Echinacea* hybrid (cone flower) and the following entries as Tissue cultured plant, as Netherlands.

C) *Diospyros kaki* (Persimmon), Fresh fruits for consumption to Spain and entries relating thereto, the existing entries in column (6) shall be substituted

D) "*Arundo donax*" and "Tissue culture plants", Hungary.

S.O. 4552(E), 11th October, 2023- Amendment in Schedule VI:

1. *Psidium guajava* (Guava), fresh fruit for consumption, Bhutan.

2. *Litchi chinensis* (Litchi), Fresh fruit for consumption, Bhutan.

3. *Prunus persica* (Peach), Fresh fruit for consumption, Bhutan.

4. The following serial number and entries thereto shall be inserted,

a) *Brassica juncea* (Mustard), Fresh leaves for consumption, Bhutan, Nil and Free from soil.

b) *Spinacia olerace* (Spinach), Fresh leaves for consumption, Bhutan, Nil and Free from soil.

c) *Cyclanthera pedata* (Slippery gourd), Fresh leaves for consumption, Bhutan, Nil and Free from soil.

S.O. 4640(E), 19th October, 2023 - Amendment in Schedule I,

Under the heading "Seaports", after serial No.47 the

following entries shall be added, namely: -

48. Campbell Bay (Andaman & Nicobar Island).

49. Car Nicobar (Andaman & Nicobar Island).

S.O. 4739(E), 27th October, 2023- Amendment in Schedule VI

Malus domestica (Apple), Fruits for consumption, Germany.

S.O. 4764(E), 1st November, 2023 - Amendment of Schedule V

Persea Americana (Avocado), Fresh fruits for consumption, Australia.

G.S.R. 794(E), 23rd October, 2023- Amendment in the Insecticides Rules, 1971, in rule 14, in sub-rule (1).

Provide further that the family member of the deceased retailer or dealer who is without the qualifications referred to in rule 10 shall undergo the certificate course in insecticides management for transfer of license and such license shall be provisionally transferred to the family member for a period of one year or till the family member completes the certificate course in insecticides management, whichever is earlier and during the said period, the applicant may employ a person with such educational qualifications referred to in rule 10.

G.S.R. 827(E) 8th November, 2023 - Amendment in the Insecticides Rules, 1971 (hereinafter referred to as the said rules), in rule 10, in sub-rule (3A), in clause (iii), -

a) "Indian Grain Storage Management and Research Institute, Hapur and National Institute of Plant Health Management, Hyderabad;" shall be substituted.

(b) "Provided that any person who apply for grant of license for the Pest Control Operations using only Glyphosate and its derivatives for such operations as prescribed shall undergo a training programme, meant exclusively for Glyphosate usage, from any one of the seven Institutions.

G.S.R. 866(E) dated 17th November, 2023-In the Insecticides Rules, 1971 (hereinafter referred to as the said rules), in Rule 10, in clause (i) of sub-rule (3A), after the first proviso, following provision shall be inserted:

Provided that a person who applies for grant of licence to undertake pest control operations with the use of Glyphosate and its derivatives shall be deemed to have granted a licence if the licensing officer did not grant him licence after expiry of a period of thirty days from the

date of submission of his application. Provided also that the person shall apply for licence with a fee of one thousand rupees for all places of operation using glyphosate and its derivatives only.

G.S.R. 868(E) dated 24th November 2023, DRAFT RULES

In the Insecticides Rules, 1971 (hereinafter referred to as the said rules), the following shall be amended, namely-

(1) For sub-rule (1) of rule 9, following shall be substituted namely: - "(1) Application for the grant of a licence to manufacture any insecticide shall be made in digital form [Form II] to the licensing officer and shall be accompanied by a fee of rupees two thousand for every insecticide and a maximum of rupees twenty thousand for all insecticides for which the licence is applied."

(2) For sub-rule (1) of rule 10, following shall be substituted namely: - "(1) Applications for the grant of a licence to sell, stock or exhibit for sale or distribute insecticides shall be made in digital form [Form II] to the licensing officer and shall be accompanied by the fees specified in sub rule (2)."

(3) In rule 15,

(i) In Sub-rule (2), the word phrase shall be substituted by "shall be made insecticide wise in digital form.

(ii) In Sub-rule (3), the word phrase shall be substituted by "in digital form".

(ii) In Sub-rule (3), the word phrase shall be substituted by "in digital form".

(iii) For Sub-rule (4), following shall be substituted namely: - "Every manufacturer or importer shall maintain in digital form and submit the monthly statement or return to the licensing officer, in Appendix D1 to Form III and Appendix D2 to Form III respectively within 15 days from the closing of the month."

(4) In Rule 24; (i) In sub rule (3), the word "in triplicate" shall be omitted (ii) After Sub-rule (3), the following sub-rule (4) shall be inserted; "(4) The receipt and supply of report as stated in sub-rule (1) and (3) shall be made in digital form."

(5) In Rule 25, after Sub-rule 25(2), the following proviso shall be inserted; "Provided further, the fee may be paid in the digital form."

(6) For sub-rule (6) of rule 27, following shall be substituted namely: - "(6) to maintain digital record of all inspections made and action taken by him in the performance of his duties including the taking of samples and seizure of stocks and to submit such record to the licensing officer."

(7) For Rule 30, following shall be substituted namely: - "Form of order not to dispose of stock.

(8) For Rule 32, following shall be substituted namely: - Form of receipt for seized insecticide.

(9) For Rule 33, following shall be substituted namely: - Form of intimation for purpose of taking samples.

(10) In Rule 34, after Sub-rule 34(1) the following proviso shall be inserted; "Provided form of intimation for test or analysis may be issued in the digital form."

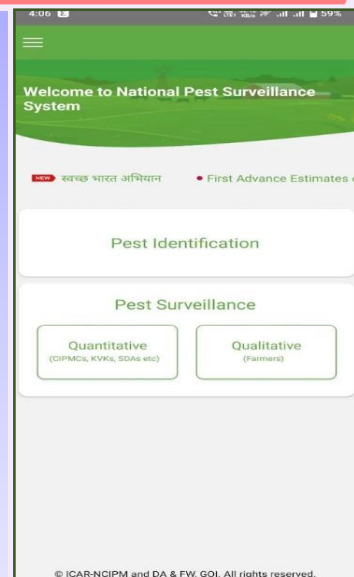
INITIATIVE

National Pest Surveillance System



Various progressive farmers were given training on NPSS and its operation

The National Pest Surveillance System is an innovative initiative of the DPPQ&S for pest and disease forecasting and for issuance of time bound advisories for pest/disease management. It aims to provide instantaneous solutions to the farming community to combat the detrimental impact of pest attacks through the utilization of advanced Artificial Intelligence (AI) and Machine Learning (ML) technologies for pest forecasting. Collaborating with experts from various organizations, NPSS offers GIS-based pest information, mobile apps, and a portal for pest-related advisories. The system aids farmers in managing pest issues effectively, utilizing AI and ML tools, with digitally stored data for tracking pest trends. It is jointly developed by DPPQ&S & ICAR-NCIPM.



SWACHHATA PAKHWADA

A cleanliness drive was organized in the premises of the DPPQS, CIL and CIB&RC, Faridabad under the “Swachhta Hi Seva” campaign. On this occasion Shri A.K. Srivastava, Joint Secretary (Plant Protection), Agriculture and Farmers Welfare Department, administered the “Cleanliness Pledge” to the officers and employees of the Directorate on the occasion of the inauguration of the Cleanliness Fortnight and committed everyone to contribute their labor for the meaningfulness of the Cleanliness Campaign. In which, under the leadership and guidance of the Plant Protection Advisor, all the officers and

employees contributed in cleaning their premises and donating labour.



Similar programmes were also organized in various offices of the Dte. All officers and employees contributed in cleaning their premises and surrounding areas.



RPQS, Bengaluru



RCIPMC, Faridabad



PQS, Mangalore



PQS, Hyderabad



RPQS, Mumbai



Mango Export

care at farm level



Let me explain you about the care to be taken at farm level to produce export quality mangoes!!!!!!

Male Annihilation Technique

Installation of fruit fly traps @ 12/ac when fruits attain lime size to monitor male fruit flies and reduce further generations by taking up necessary measure to combat fruit flies.



Bait Spray technique

If Fruit Fly Is Very Serious Give Bait Sprays on trunks using 1000 ml water+100g Jaggery/ Protein hydrolysate+ 2 ml of deltamethrin (2.8EC)/ Malathion (50 EC).

Tree Banding

Band the trees with alkathene /polythene sheet (400 gauge) in the middle of December (30-50 cm above the ground level and just below the junction of branching) helps in preventing juvenile mealy bug to climb plant and thereby minimize infestation.



Maintain the area under tree canopy weed free to prevent overwintering of insect pests and diseases.



Fruit Bagging to prevent egg laying of fruit flies on mature fruits.

Collection & destruction of infested and fallen fruits at weekly interval.



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