



PROTECTION OF PLANT VARIETIES & FARMERS' RIGHTS AUTHORITY
MINISTRY OF AGRICULTURE
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NEWS LETTER

Newsletter for Intellectual Property Rights in Plant Varieties

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From the Chairperson's Desk

I am profusely glad to present before you the fourth issue of the Newsletter of the Authority. During the last one year the Authority has brought out three issues of the Newsletter, regularly updating our readers and all stakeholders about the myriad activities and developments taking place round the year in the Authority. During the previous year we have taken massive training cum Awareness Programs. Roping KVKs and consequently received highest number of farmers' varieties () and issued record number of registration certificates () as compared to previous years. We have taken a special drive to clear all backlog and pendency of the Plant variety Registry.



This was all possible due to hard and concerted efforts of the team of the officers and support of the technical staff of the Authority and the campaign which was launched in agro-biodiversity hotspots areas across the country after assuming the charge of Chairperson of the Authority in May, 2013. I personally wish to thank one and all concerned and also the officers and scientists of the KVKs and state agriculture department for their valued support and co-operation which resulted in receipt of highest number of applications for registration by us during the previous year.

This achievement has put before Authority a big challenge of land, space, manpower and other



resources to be provided to our network of DUS centres as maximum applications have been received in paddy. Cotton is the other crop which has posed similar problem and we are trying to find early solution for these issues. I wish we shall have full support of the DAC in getting higher budgetary allocation for the Authority in 12th Five Year Plan while getting the EFC clearance. I also hope that with same zeal and spirit the Authority will touch new horizon in the year to come with support of one and all. I am thankful to Shri D.S. Mishra, Member Secretary for his pains taking and keen interest in the compilation of this Newsletter since beginning.

I once again invite your valuable suggestions and comments, if any, for the improvement of the content and quality of the Newsletter.

(R.R. Hanchinal)
Chairperson, PPV&FR Authority



Crops ready for Registration / Notification

Barley	Orchid-Cattleya	Orchid-Phalaenopsis	Eucalyptus	Casurina
Bitter gourd	Bottle gourd	Cucumber	Pumpkin	Indian jujube (Ber)
Coriander	Fenugreek	Grapes	Almond	Walnut
Apple	Pear	Apricot	Cherry	Pomegranate

Progress of Plant Varieties Registry

Application Received

Applicant wise	No. of Applications	Category wise	No. of Applications
Public	25	New	57
Private	88	Extant	35
Farmers	702	Farmers	701
		EDV	22
Total	815	Total	815

Crop wise Application Received

Crop	Public	Private	Farmer
Black gram	2	0	15
Brinjal	0	0	7
Chickpea	1	0	1
Field pea	0	1	5
Garlic	0	0	1
Ginger	0	0	7
Green gram	1	0	2
Groundnut	5	0	1
Indian Mustard (Sarso)	0	0	18
Indian Mustard (Karan Rai)	0	0	1
Kidney bean	0	0	1
Lentil	0	0	5
Linseed	0	0	5
Maize	0	17	24
Mango	0	0	31
Okra	0	2	2
Pearl Millet	0	6	2

Pigeon pea	0	0	11
Potato	0	0	1
Rapeseed (Toria)	0	0	2
Rice	12	17	523
Safflower	0	0	1
Sesame	0	0	10
Small Cardamom	0	0	3
Sorghum	0	0	3
Soybean	0	0	2
Sugarcane	0	2	2
Sunflower	0	1	0
Tetraploid cotton	4	40	1
Tomato	0	2	2
Turmeric	0	0	10
Wheat	0	0	3
Total	25	88	702

Registration Certificate Issued

Applicant wise	No. of Applications	Category wise	No. of Applications
Public	16	New	19
Private	31	Extant	28
Farmers	17	Farmers	17
		EDV	-
Total	64	Total	64

Crop wise Certificate Issued

Crop	No. of applications	Crop	No. of applications
Chickpea	01	Rice	26
Cotton	04	Safflower	01
Groundnut	01	Sorghum	10
Jute	02	Soybean	02
Pearl Millet	13	Sunflower	02
Total			64



Plant Variety Journal of India

Plant Variety Journal of India for the month of January -March, 2014 was published and also uploaded on the website of the Authority regularly in the first week of each month.

Meetings of the Extant Variety Registration Committee (EVRC)

Two meetings of the Extant Variety Registration Committee were held during the quarter. The first meeting was held on 7 January, 2014 in which 99 applications under the extant variety category were placed for examination of which 98 applications were recommended for registration as extant varieties. The second meeting was held on 27 February, 2014 at UAS, Dharwad in which a total of 48 applications for registration of extant notified varieties were considered by the Extant Varieties Recommendation Committee. After scrutiny by the EVRC, 48 applications were approved for issue of certificate of registration.

Meetings of the Task Force

- **Task Force on Orchids:** The DUS guidelines for Orchids (*Phalaenopsis* Blume) was finalised by the Task Force in its meeting held on 30 January, 2014 at NRC for Orchids, Pakyong, Sikkim.

- **Task Force Meeting for finalisation of DUS test guidelines for Canna, Bougainvillea and Gladiolus** was held under the Chairmanship



of Dr. G. Kalloo, Former Deputy Director General (Horti.), ICAR on the 4 February, 2014 in NAAS, NASC

Complex, New Delhi. Other members of the Task Force Dr. Umesh Srivastava, Ex-ADG (Hort.), Dr. U.G. Nalavadi, Former Director of Post Graduate Studies, Dharwad, Dr. R.K. Roy, Principal Scientist (Bougainvillea), Dr. A.K. Goel, Chief Scientist, Dr. Sudershan Kumar, Principal Scientist and Member Secretary Dr. Tejbir Singh, Registrar, PPV&FRA were present. The DUS test guidelines for Bougainvillea were finalised and other guidelines i.e. Canna and Gladiolus, were also discussed. It was decided that all the three guidelines will be submitted to the Task Force in its next meeting to be held at NBRI, Lucknow sometimes in April, 2014.

- **Second Meeting of the Task Force (2/2013) for validation of DUS test guidelines for Banana:**

The second meeting of the Task Force for developing DUS test guidelines for Banana was held at



New Delhi on 25 February, 2014 under the Chairmanship of Dr. S. Sathiamoorthy, Former Director, NRC for Banana, Trichy, Tamil Nadu. The other members of the Task Force Dr. S. Uma, Principle Investigator cum Principle Scientist, NRC on Banana, Trichy; Dr. Rema Menon, Professor (Hort.), BRS, Kannara, KAU, Thrissur, Dr. Anuradha Aggrawal, Principal Scientist, NBPGR, New Delhi, Dr. Umesh Srivastava, Former ADG (Hort.), ICAR, New Delhi were also present. The Task Force discussed in detail the DUS descriptors for the banana and plantain. Several suggestions were made in the meeting to improve the same while finalizing the DUS test guidelines. The Chairperson and Registrar General, PPV&FR

Authority were present along with the Registrars and Joint Registrars and the Chairperson urged the Task Force to submit the DUS guidelines at the earliest.

- Meeting of Task Force for developing DUS Guidelines for Citrus:** The guidelines for Acid lime, Mandarin and Sweet orange belonging to Citrus family were finalized in the 3rd meeting



of the Task Force at NRC for Citrus, Nagpur on the 10 March, 2014. **Dr. V.A. Parthasarathy**, Former Director & Emeritus Scientist, IISR, Narmada Nilayam Chaired the meeting and Dr. R.R. Hanchinal, Chairperson, Dr. Manoj Srivastava and Dr. Tejbir Singh, Registrars were also present. The other members of the Task Force were also present. **Dr. I.P. Singh**, Principal Scientist (Hort.) and PI (DUS) Project on Citrus National Research Centre for Citrus made elaborate presentation on the above guidelines and the same were finalized with minor amendments. Chairperson, PPV&FRA expressed his happiness for the finalization of these guidelines, which were long over due will open way for registration of above mentioned citrus species after their notification in the Gazette of India.

- Meeting of Task Force for Watermelon and Muskmelon:** The fourth meeting of the Task Force for validation of DUS descriptors for Watermelon and Muskmelon was held on 12 March, 2014 at New Delhi under the Chairmanship of Dr. Brahma Singh, Advisor,



World Noni Research Foundation (WRNF), Chennai. The other members viz. Dr. K.V. Peter, Director, World Noni Research Foundation, Dr. Mathura Rai, Former -Director, Dr. S. K. Sharma, Director, Dr. D. P. Singh, Former-ADG (Vegetables) ICAR, Dr. P. S. Sirohi, former Head, Division of Vegetables, Dr. Sudhakar Pandey, Senior Scientist, Dr. B. Singh, Project Coordinator (Vegetables), Dr. B. R. Choudhary, Scientist Horticulture (Veg. Science), Dr. E. Sreenivas Rao and the officers of the Authority including Chairperson, Registrar General were also present in the meeting. In the meeting members discussed the guidelines / descriptors at length and several suggestions were given by



the members to improve the DUS guidelines. It was also suggested that the UPOV guidelines for the above crops may also be consulted



and referred while finalizing the same. Dr. B.R. Choudhary, Scientist Horticulture (Veg. Science) and Dr. Sudhakar Pandey, Senior Scientist, IIVR, Varanasi jointly made a presentation. It was assured in the meeting that the guidelines would be completed and finalized after getting the same validated in the next 3-4 months with details of reference varieties. Prior to the meeting the Chairman, PPV&FR Authority felicitated Dr. Brahma Singh on conferring Padam Shri, a prestigious civilian award, by the President of India on Independence Day.

- **Meeting of Project Appraisal Committee (PAC) at PPV&FR Authority:**



The first meeting of the newly constituted PAC was held on 19 February, 2014 at NASC Complex, New Delhi.

The committee consisted of Dr. M. B. Chetti, Director of Extension, UAS, Dharwad, Dr. S. J. Patil, Head Agro Forestry, UAS, Dharwad, Dr. J. S. Chouhan, ADG (Seeds), ICAR, New Delhi and all the three Registrars and both Joint Registrars. The Chairperson and Registrar General also participated in the meeting. Out of nine project proposals the PAC approved six projects in principle and recommended five projects for funding and deferred one project proposal for the revision and reconsideration. Remaining three project proposals were not approved.

Monitoring of DUS Test

- Monitoring of DUS trial of cabbage was monitored at IIVR, Varanasi on 9 January, 2014

under the Chairmanship of Dr. A. N. Maurya, former Director, Institute of Agricultural



Sciences, BHU, Varanasi and Nodal Officer Dr. B. Singh, Project Coordinator (Vegetables) from IIVR, Varanasi. Six entries were tested during the year 2013-14 and all were in the second year. A representative of M/s Nuziveedu Seeds Pvt. Ltd. was also present.

Training cum Awareness Programmes

- **Training cum Awareness Programme at KVK, Wayanad :** A Training cum Awareness Programme on “**Protection of Plant Varieties and Farmers’ Rights**” was organized on 9 January, 2014 in connection with the technology



week – Kars hikam, 2014 of the Kendra in collaboration with ATMA, N A B A R D , HADA, and Dept. of

Agriculture of the district. The inaugural speech was made by Shri N.K. Rasheed, District Panchayat President, Wayanad. The inauguration of the seminar and other programmes was done by Sri. M.V Sreyamskumar, Hon. MLA, Kalpetta. Sri. N.D. Appachan, HADA Vice Chairman inaugurated the exhibition. Sri. P.T. Gopalakurup, Chairman, MILMA released the technical bulletin of KVK, Wayanad. Dr. A. Radhamma Pillai, Programme Coordinator enlightened the importance of

awareness programme on Protection of Plant Varieties and Farmers' Rights and the objectives of PPV&FR Act, 2001.

The technical session on the theme was led by Dr. C.R. Elsy, Prof., Plant Breeding and Genetics, Convener, IPR



Cell, Kerala Agricultural University. She explained the activities of the KAU centre regarding registration of farmers' varieties, facilitating farmers for receiving awards like Plant Genome Saviour Community award and other recognitions of the Regional Centre - **Protection of Plant Varieties and Farmers' Rights Authority** at New Delhi.

An exhibition was also organized wherein local varieties of fruits and vegetables which need to be conserved



were exhibited and also the Vocational Higher Secondary School, Vakeri, Wayanad District exhibited various

agro food products prepared from locally available plants including medicinal plants conserved by them.

- **One-day Workshop on “Pakoni Vividh Jaatona Sanrakshan Ane Khedut Adhikar Ange Jagrukta Tatha Prashikshan Shivir” Organized at CAZRI, Kukma (Bhuj) :** Central Arid Zone Research Institute (CAZRI) organized one-day awareness-cum-training programme on **“Protection of Plant Varieties & Farmers' Rights Act (PPV&FRA)”** at Regional Research Station (RRS), Kukma, Bhuj on 16

January, 2014. About 150 participants including farmers and other stakeholders participated in this programme. On this occasion, a leaflet in Gujarati on ‘Tametana Paknu Mulya Vardhan’ prepared by Smt. Manju, SMS, KVK, Shri Ram Niwas and Shri Devi Dayal was released. Ten exhibition stalls related to agricultural implements, finance, technology, etc. were also arranged along with a visit to the experimental fields.

Dr. Pragnesh Dave, Vice Chancellor, KSKV Kachchh University, Bhuj Chaired the programme, and explained importance of the awareness programme in registering useful varieties from Kachchh of Gujarat. He felt that Kachchh may be first district in Gujarat in registering maximum local varieties with PPV&FR Authority. Mr. Sanjay Kumar, SMS, KVK welcomed all the delegates and briefed the purpose of the programme, which was followed by a video film **“Nukkad Natak”** and **‘PPV&FRA’** developed by PPV&FR Authority, Ministry of Agriculture, Govt. of India, New Delhi.

Dr. Devi Dayal, Head, CAZRI, RRS, Kukma, Bhuj enlightened the audience with general guidelines and scope of PPV&FRA. He narrated about the local farmers' varieties available only in Kachchh region such as Wheat - Tukda/Kantha, Groundnut – Magadi, Sorghum – Gundari, Pearl Millet – Rajka Bajri, Guar – Desi Guar (pink colour), and medicinal plants (Guggal, Geloy, and Shankhpushpi) etc., which are still not registered, due to lack of DUS guidelines.

Dr. C.J. Tank, Associate Professor (Genetics), SDAU, Dantiwada emphasized, in his speech on agricultural biodiversity of Kachchh region and importance of evaluation and registration of regional germplasm. Dr. C.M. Murlidharan, Research Scientist, Date palm Research Station,



Mundra talked on protection of local date palm varieties of Kachchh, which can be easily registered under PPV&FR Act. In addition, he explained tissue-culture technique, which resulted in the unique Banneer variety of date palm, which is sweeter than other available varieties. Dr. A.C. Patel, Project Director, Watershed Department, Bhuj informed the audience about importance on-going projects of watershed department, which are very important for the people of Kachchh. Dr. P.K. Swarnkar, Assistant Director, Farmers' Training Centre, Bhuj highlighted role of Farmers' Training Center, Bhuj in creating awareness among the farmer groups about PPV&FRA of its objectives. Sh. Nitin Solia, Lead District Manager, Dena Bank emphasized on using modern agricultural practices in place of old farming practices. He explained about current focus of all the financial institutions on the schemes for encouraging farmers in order to uplift their socio- economic status. Ms. Khyati Buddhbhatti, Teacher, Doon Public School, Madhapar discussed about different activities and dramas/ plays running in the school formulated by teachers. She agreed that teachers may create some sort of play where students may perform street plays in villages to make the farmers aware about their rights as mentioned in PPV&FR Act. In the workshop, three progressive farmers of the region, Sh. Pravenn Bhai Dabasiaya from Reldi-Moti, Sh. Kanti Bhai Bhimani from Ratnapar, and Sh. Manoj Bhai Solanki from Chintan Farm, Kukma shared their views and thoughts on organic farming and how PPV&FRA can be useful for the local farmers of Kachchh region. A vote of thanks was given by Smt. Manju, SMS, Krishi Vigyan Kendra, CAZRI, Bhuj and entire programme in Gujarati was conducted by Shri Ravi Bhavsar and Dr. Rupesh Nakar CAZRI, RRS, Bhuj.

- **Training cum Awareness Program at Krishi Vigyan Kendra, Gumla:-** A Training cum



A w a r e n e s s
Programme was organized KVK, Gumla on 18 January, 2014. More than 300

farmers of adjoining areas attended the meeting and also brought the seeds and other fresh agro products material of the famers' varieties, traditional varieties and landraces conserved by them. The programme was attended by Dr. R.P. Singh Ratan, Director Extn. BAU, Ranchi, Dr. Niva Bara, Shri Bhikhari Bhagat, Smt. Savitri Devi, Dr. Sanjay K u m a r , P r o j e c t Coordinator and Shri D.S. Mishra,



Joint Registrar represented the PPV&FR Authority. The programme was inaugurated by Dr. R.P. Singh Ratan, Director Extn. who in his keynote addressed spoke about the PPV&FR Act and the farmers' rights and informed that the Gumla district is one of the hotspots for the agro-biodiversity in the Central India and the farmers of this area are having lot of plant genetic resources which they have conserved for generations. Shri Bhikhari Bhagat, the Secretary of the KVK addressed the public and informed that the KVK always focused on the agriculture problems and their solutions of the area and about the activities of the KVK in the economic upliftment of the farmers of the area

- **Training-cum-Awareness Programme at Directorate of Onion and Garlic Research (DOGR), Rajgurunagar, Pune:** One day Training-cum-Awareness Programme on "Protection of Plant Varieties and Farmers'

Rights Act” with special reference to onion and garlic was organised by Directorate of Onion and Garlic Research, Rajgurunagar, Pune in collaboration with the Protection of Plant Varieties and Farmers’ Rights Authority (PPV&FRA), New Delhi and KVK, Baramati on 23 January, 2014 at DOGR, Rajgurunagar. The training was aimed for creating awareness among the farmers/ scientists/ students/ NGOs/ public at large about the provisions available in Protection of Plant Varieties and Farmers’ Rights Act, 2001. The programme was inaugurated by Shri Rajendra Pawar, Chairman, KVK, Baramati and chaired by Dr. Jai Gopal, Director, DOGR, Rajgurunagar. Shri Dipal Roy Choudhury, Joint Registrar, PPV&FRA participated in the programme and the program was co-ordinated by Dr. A. J. Gupta, Nodal Officer (DUS Project). About 116 participants including progressive farmers, students, KVK staff and agricultural officials from different parts of Maharashtra especially Baramati area participated in the programme. Dr. Jai Gopal, Director, DOGR welcomed the participants, and elaborated the role of PPV&FRA and briefed about the research and other activities of DOGR. He also said the Government of India has come up with this unique legislation to provide an effective system for protection of plant varieties, the rights of farmers and plant breeders and to encourage the development of new varieties of plants. Shri Dipal Roy Choudhury, Joint Registrar introduced about PPV&FR Authority and emphasized that there is a good scope for registering local varieties especially in onion and garlic. He also suggested that some innovative farmers should also be educated to encourage other farmers in their villages with respect to these developments and hoped that farmers will come forward for registering their

plant wealth available with them in form of landraces, farmers and traditional varieties.

Dr. A. J. Gupta highlighted DUS testing of onion and garlic varieties. Distinctiveness, uniformity and stability (DUS) are essential for registering new varieties under PPV&FR Act. DOGR has been designated as Nodal Centre for conducting DUS testing and at present centre is maintaining 44 onion and 17 garlic varieties under DUS project. Dr. V. Mahajan briefed about the farmers and researchers rights. Dr. B. S. Rajput made the audience aware about globalization of agriculture. This was followed by feedback from the farmers and practical demonstration of recording DUS data and filling of registration form by Dr. A. J. Gupta. A field visit was also arranged for the farmers to acquaint them with the latest technologies and cultural practices in onion and garlic. In the end, participation certificates were awarded to all the participants.

- **Training and awareness programme conducted at Directorate of Floricultural Research (DFR), Pusa, New Delhi:** A training-cum-awareness programme on **“Protection of Plant Varieties and Farmers’ Rights Act, 2001”** with



special reference to gladiolus and tuberose was organized on 24 January, 2014 at

the Research Farm of Directorate of Floricultural Research, New Delhi. One hundred participants including farmers, officials of KVK, Moradabad of Sardar Vallabhbhai Patel University Meerut, Uttar Pradesh participated in the Programme. Dr. Ramesh Kumar, Director, DFR was the Chief Guest and Dr. Manoj Srivastva, Registrar, PPV&FRA and Dr. J. S. Arora, former Head,



FLS, PAU, Ludhiana were the Guest of Honour. The invited resource persons included Dr S P S Raghawa, Dr. A P Singh and Dr. R.L. Mishra. Dr. Ramesh Kumar, Director, DFR welcomed the Chief guest and participants and outlined the significance of the programme. He also appraised farmers of their rights as enshrined in the Act and about the importance of conservation of plant genetic resources.

Dr. Manoj Srivastva, Registrar, PPV&FRA presented gave information on the registration of farmers' varieties and action plan for submission of applications for extant varieties for registration to get benefits and also get recognition under the Act. Dr. S. P. S. Raghawa, former Project Coordinator and Head, FLS, IARI, Dr. A. P. Singh, former Head, FLS, IARI, Dr. R.L. Mishra, former Project Coordinator, AICRP Floriculture and other experts of Directorate of Floricultural Research shared their views on several important issues such as essence of PPV&FR Act, 2001 and various other aspects of commercial floriculture.

- A Workshop on "**Harnessing Intellectual Property & its Management for Growth and Prosperity**" was jointly organized by GBPUA&T, Pantnagar and NRDC, New Delhi at College of Agriculture, Pantnagar on 25 January, 2014. Dr. H.S. Chawla, Professor & Head, Genetics & Plant Breeding & Nodal Officer welcomed the participants. While inaugurating the function he expressed his views about the importance of Intellectual Property for the growth and prosperity of the society at large. Innovations are the growth engine of the society and should be protected legally and plant variety is the latest addition to IP. Shri V.K. Jain, Manager, National Research Development Cooperation (NRDC) informed that the objective of the NRDC is to Development,

Promotion and Commercialization of Technologies for the welfare of the society. The NRDC also participated in exhibition, publishing periodicals, arranging audio-visuals to popularize indigenous technologies, both at home and abroad. Dr. Tejbir Singh delivered a lecture for the Awareness of the PPV&FR Act, 2001 with reference to Farmers' Rights. The other topics covered like IP & Agricultural Innovation System of India, Indian Patent System, Disclosure of Invention for Patent Protection, Search for State-of-Art, Searches in the field of Inventions and Strategies for Transfer of Technologies by other speakers. The scientists of the Agriculture College, Research Scholars, PG & UG Students including farmers from the neighboring area were also present.

- **Training cum Awareness programme at KVK, Gonikoppal;** One day awareness cum training programme on Protection of Plant Varieties and Farmers' Rights Act, 2001 was organized at KVK, Gonikoppal on 5 February, 2014. More than 100 participants including farmers of Kodagu, scientists from IIHR, Bangalore, IISR Appangla, KVK Gonikoppal, State Govt. officials participated in the training programme. Mr. Veerendra Kumar, SMS, KVK, Gonikoppal welcomed the guests and participants. Dr. P. C. Tripathi, Principal Scientist and Head, CHES, Chettalli and Head (A) KVK explained about purpose of the programme. Dr. C.K Narayana, Director, IIHR in his presidential address explained the importance of Intellectual Properties Rights and the benefits registration of varieties under PPV&FR Act.

Dr. A.T. Sadashiva, Principal Scientist, Division of Vegetable crops, IIHR, Bangalore explained about Protection of Plant Varieties and Farmers' Rights Act and stressed on the farmers' rights and

provisions for registering farmers' varieties. He also presented the highlights of DUS guidelines in various vegetables such as tomato, brinjal and okra. Dr. M. R. Dinesh, Principal Scientist, Division of Fruit crops, IIHR, Bangalore made presentation on variability in mango, guava and other fruits and also presented the DUS guidelines of mango and guava. Dr. Senthil Kumar, IISR Regional Station Appangla spoke on DUS testing in cardamom, black pepper, turmeric and ginger. Several queries were raised by the growers during the discussion which were clarified by the speakers. Three farmers namely S/Sri Poonacha, Ramesh and Nanaih explained about the conservation of traditional farmers' varieties. One compendium of the lectures was released on this occasion. An exhibition was also organized at this occasion to exhibit black pepper and rice varieties identified by the farmers. The programme was concluded with vote of thank by Mr. K. A. Devaiah, KVK Gonikoppal. The programme was compared by Mr. B. Prabhakar, KVK Gonikoppal. A visit to demonstration blocks and plant propagation units of the KVK was organized after lunch.

- **Krishi Mela at IARI, Pusa, New Delhi:** Krishi Mela at IARI, Pusa was held from 26-28 February 2014. During this festival the farmers of the neighbouring states visited the technologies developed by various divisions of IARI. PPV&FRA also showcased its activities through charts/posters and displayed various publications brought out for the farmers and farming communities. During the three days mela thousands of farmers visited the stall of the Authority and interacted with the officers to satisfy their queries.
- **Inauguration of Community Seed Bank at village Adoli, Ujhani, Badaun:** The **Humana People to People India (HPPI)** invited **Shri D.S. Mishra, Joint Registrar, PPV&FR**



Authority as Chief Guest for the inauguration of Community Seed Bank at village Adoli, Ujhani, Badaun on 6 February, 2014. On this occasion Ms. Anne Marie Moeller, Senior Advisor, Partnership, HPPI was also present along with Dr. S.B Singh, In-charge, Zonal Research Centre, Ujhani, Dr. Arjun Singh, Agriculture Scientist, KVK, Ujhani, Sh. Vipin Chander Pal, Block Development Officer, Sh. Ramdin, Gram Pradhan, Adoli and Smt. Manoram Devi, Gram Pradhan, Burrafaridpur village. The programme was anchored by Shri Dharampal Gurjar, Project Coordinator, Seeds for Life Project, UP. Shri O.P. Yogi, Project Leader, HPPI informed various activities undertaken by the NGO in district Badaun under Project the Seeds for Life of ITPGRFA. The programme began with Saraswati Puja and lighting of a lamp. More than 250 participants including farmers, ladies, school children and the representatives of Agriculture Department and KVK were present. The Community Seed Bank was inaugurated by the Chief Guest in the presence of Ms. Anne Marie Moeller, farmers and other project representatives. The bank has initial collection of seeds of 27 varieties of rice, about 24 varieties of wheat and few samples of pulses (urd), species (chillies) and vegetables



(bottle gourd, pumpkin) kept in earthen pots and glasswares conserved by local farmers.

Dr. S.B Singh, Project Coordinator, KVK explained the importance of Community Seed Bank and its maintenance with the agronomical practices of cultivation of cereals. Shri Mishra informed about the importance of registration of farmers' varieties and their conservation of plant genetic resources for the purpose of Plant Genome Saviour Community Awards, Rewards & Recognitions under PPV &FR Act, 2001. Ms. Anne Marie Moeller appreciated the role of farmers of the village and the local representatives of his project for developing a Community Seed Bank for the benefits of the farmers and requested that they villagers will take care of the Seed Bank and its management in the future. The local representatives of the farmers presented the highlights of different welfare activities undertaken. At the end of the programme field visit was organized where in the various initiatives like vermi compost, solar lamp light and evaluation of 20 wheat varieties in the field of Sh. Bhagwan Sahai, a farmer field taken by HPPI in the Adoli. Smt. Laxmi Devi, Saraswati Self Help Group, Roli, Badaun explained the benefits accrued to the villagers from the solar light lamp to different families. Sh. Dayaram Rajput, President, Hathiya Farmer Club Group, Bhawanipur Jai Matarani Farmers Club also showed cultivation of Chillies at his farm near Adoli. The program ended with a vote of thanks to the Chief Guest and to Ms. Anne Marie Moeller.

- Farmers from 17 States joined together as National Seed Savers Forum to strengthen conservation and breeding programme. They have arrived at Sarodya Ashram, Nagpur with 2300 seed varieties were conserved through generations which were displayed at the National Seeds Festival on 14 February, 2014.

The seeds of various crops, vegetables, tubers, fruits, and millets developed and evolved by the farmers conserved the unique biodiversity of the country and backed their demand to be treated on at par with agriculture researchers for minimum income security. Dr. R.C. Agrawal, Registrar General, PPV&FR Authority was invited as a guest speaker to clarify on various issues relating to Farmers' Rights.

National Seed Savers Forum organized a talk on the conservation and preservation of Plant Genetic Resources and



Traditional Varieties for Sustainable Agriculture and also to feed the future generation of Human Civilization at National Youth Hostel, Chanakya Puri, New Delhi. Dr. Ravi Prakash and Shri D.S. Mishra, PPV&FRA attended the event on behalf of the Authority and highlighted the Farmers' Rights provisions, PGSC Awards, Rewards and Recognitions to the farmers, seed savors who were assembled at New Delhi. The farmers also organized a two days exhibition at Adchini and displayed the richness of India's biodiversity and seed sovereignty to the urban class. During the festival the farmers from West Bengal and Assam came with the 'Komol' variety of rice that requires no boiling. Another farmer Shri Debel Deb from Odisha, credited with conserving 920 varieties of paddy, showcased his nutritious paddy varieties. He said indigenous farmers have paddy varieties that are rich in Vitamin B and other essential elements and minerals.

- On the occasion of Farmers Awareness day, one day program on "**Farmers' Variety**

Protection and its Registration” was organized on 18 February, 2014. The Chief Guest Dr. C.R. Prasanna, Distt. Collector (IAS & Doctorate from Agriculture Vet. faculty) inaugurated the function and addressed to the farmers and advised them to protect the local varieties and landraces of various crops. Due to the support rendered by Dr. Prasanna & Project Coordinator, KVK, Balrampur (CG) and efforts made by Dr. Arun Tripathi, Scientist from KVK, a farmers group, FIG was formed and preserved and revived **"Jeera Phool"**, a very famous



scented rice local landrace of high quality. All the farmers of this group of Changro village Balrampur cultivated this rice variety

and marketing this variety at a high premium price. On this occasion, Dr. Prasanna ordered to facilitate a mini rice hauler machine to this group and also provided them a balance machine. He told that a bank account will be opened for this group and all the subsidy and money comes from other activities will be deposited to this account for popularisation and expansion of this land races. The group leader Shri Manik Chank (Surya group) filled the registration form for **Changro Jeera Phool** (grain looked like cumin and it's a highly aromatic rice). Dr. Prasanna emphasized that the FIG first try to revive this variety and,

thereafter, another famous variety Sonachoor will be revived by cultivation on commercial scale. He also informed that in Dhan Mandi the seed of this variety comes more as compared to hybrid. He informed that white pooni and other IR varieties of rice i.e. about 300 local and rare rice varieties were lost by the farmers in Tamil Nadu near the Kaveri river belt due to introduction of modern rice varieties. Dr. Deepak Sharma, Principal Scientist demonstrated farmers varieties of Chhattisgarh and delivered a presentation on PPV & FRA activities to the farmers and demonstrated to fill application form of **Changro Jeera phool** and **Changro Laxmi bhog**. Dr Prasana appreciated the activities undertaken by Dr. Sharma particularly for registration and benefit sharing of farmers' varieties. Dr. A. P. Dwivedi, Zonal Project Director, Shri A.B. Asana, Joint Director of Agriculture and Shri M. R. Tigga, Deputy Director of Agriculture were present and also addressed the farmers.

- **Training cum Awareness programme, TNAU, Papparapatty, Dharmapuri:** Although the Govt. of India enacted the Protection of Plant Varieties and Farmers' Rights (PPV&FR) Act, in 2001, the awareness level about the Act among the farmers and other stakeholders are not up to the expectation. In order to create awareness and facilitate to register the farmers owned varieties, the **training cum awareness programme on Protection of Plant Varieties and Farmer's Rights Act** was conducted at Krishi Vigyan Kendra, Papparapatty, Dharmapuri on 17-18 February, 2014.

In this programme the importance of protection of plant varieties, farmers' rights, breeders rights and researchers rights, procedure to be followed in registering a plant variety and crops could be



registered under the Act were explained. About 32 traditional crop varieties were registered by the farmers include thuyyamalli, naeikichadi, seeraga samba, mappillai samba, traditional basumathi, manasanaiyurponni, white ponni and kattuyanam in Paddy, karusurutai, vazhaipookidathalai, thembusariin ragi, white cholam, red cholamin cholam, traditional thenai, samai, panivaragu, varagu, redgram, naipayaru, mochai, avarai, rose bhendhi, local brinjal, ridge gourd and pulichakeerai.

The registered crop varieties will be sent to the Protection of Plant Varieties and Farmers Rights Authority, New Delhi for DUS test for its Distinctiveness, Uniformity and Stability performance. DUS centres for different crops are operating in various places and for paddy and sunflower the centre is in TNAU, Coimbatore itself.

Dr. Tamilselvan, Programme Coordinator, KVK, Papparapatty had explained the importance of traditional varieties, activities of Protection of Plant Varieties and Farmers Rights Authority and role of KVK in the promotion of traditional varieties in detail. Th. K. Mohan, Joint Director of Agriculture, Dharmapuri elucidated the developmental schemes in the department for the benefit of farmers. Th. P. Venkatesan, Deputy Director Agriculture (State

Schemes) told about the nutritional significance, status of traditional varieties in Dharmapuri district, traditional varieties cultivated by the farmers and their significance. Tmt. R.R. Susheela, Deputy Director and PA (Agri) to District Collector reiterated strategies to be followed for improving the traditional varieties available with the farmers and how to protect it.

Dr. M.A. Vennila, Assistant Professor (Extension) explained about the Protection of Plant Varieties and Farmers' Rights Act 2001, rights of farmers, researchers and plant breeders, attributes of the varieties to be registered, national gene fund and role of gene fund, gene bank, how to register a variety, fee details and period of protection. Dr. Anderson Amalankumar, Assistant Professor (Crop Physiology) discussed about the DUS specifications and procedures involved in DUS test and DUS centres for different crops. In this programme about 1 kg Seeds of Kattuyanam, a traditional paddy variety, given to farmers at free of cost. Arrangements for the training were done by Dr. M. A. Vennila and Dr. Anderson Amalan Kumar who have handled the project funded by the Protection of Plant Varieties and Farmers' Rights Authority, GOI, New Delhi. An exhibition was arranged to showcase the traditional varieties brought by the farmers and about hundred farmers were participated and benefited.

- **पौधा किस्म एवं कृशक अधिकार संरक्षण, अधिनियम 2001 पर आयोजित जागरूकता प्रशिक्षण कार्यक्रम की कार्यवाही स्थान: कृषि महाविद्यालय सभागार, रा.वि.सि.कृ.वि.वि., ग्वालियर:** पौधा किस्म एवं कृशक अधिकार संरक्षण अधिनियम 2001 विषय पर एक दिवसीय जागरूकता प्रशिक्षण कार्यक्रम, निदेशालय विस्तार सेवायें, राजमाता विजयाराजे सिंधिया कृषि विश्वविद्यालय, ग्वालियर द्वारा दिनांक 18 फरवरी, 2014 को पौधा किस्म एवं कृशक अधिकार संरक्षण प्राधिकरण (पीपीवी एण्ड एफ.आर.ए), नई दिल्ली के

सहयोग से कृषि महाविद्यालय, ग्वालियर के सभागार में आयोजित किया गया। इस प्रशिक्षण कार्यक्रम का उद्देश्य किसानों, कृषि विस्तार अधिकारियों व वैज्ञानिकों को पौधा किस्म एवं कृशक अधिकार संरक्षण अधिनियम के प्रावधानों के विषय में जागरूक करना था। प्रशिक्षण कार्यक्रम के उद्घाटन सत्र में मुख्य अतिथि के रूप में पी. पी. वी. एण्ड एफ. आर. ए. के अध्यक्ष प्रो. आर. आर. हंचिनाल उपस्थित रहे। इस सत्र की अध्यक्षता प्रो. ए. के. सिंह, माननीय कुलपति, रा.वि.सि.कृ.वि.वि., ग्वालियर द्वारा की गयी।

उद्घाटन सत्र में विषिष्ट अतिथि के रूप में डॉ. ए. एस. तिवारी, पूर्व कुलपति ज. ने. कृ. वि. वि., जबलपुर तथा डॉ. एन. एस. तोमर, अधिष्ठाता कृषि महाविद्यालय, ग्वालियर ने भागीदारी की।

डॉ. एस. एस. तोमर, निदेशक विस्तार सेवायें ने पौधा किस्म व कृशक अधिकार विषय पर आयोजित कार्यक्रम की भूमिका पर प्रकाश डाला तथा इस प्रशिक्षण कार्यक्रम से होने वाले लाभों के विषय में बताया। स्वागत भाषण संयुक्त निदेशक विस्तार, डॉ. यू. पी. एस. भदौरिया द्वारा प्रस्तुत किया गया।

अपने अध्यक्षीय भाषण में माननीय कुलपति, प्रो. ए. के. सिंह ने कहा कि इस कार्यक्रम के आयोजन से कृशकों, सम्बन्धित अधिकारियों, वैज्ञानिकों में इस अधिनियम से प्रावधानों के बारे में जानकारी बढ़ेगी जिससे उन्हें सम्बन्धित क्षेत्रों में उपलब्ध पादप विविधताओं को संरक्षित करने के लिये प्रोत्साहन मिलेगा। इसके अतिरिक्त इस अधिनियम के अन्तर्गत प्रदत्त अधिकारों के तहत कृशक व अन्य भागीदार अपनी किस्मों को प्राधिकरण के द्वारा निर्धारित शर्तों पर पंजीकृत करवाकर लाभान्वित हो सकेंगे।

प्रो. आर.आर. हंचिनाल ने अपने मुख्य अतिथीय सम्बोधन में बताया कि भारतीय कृषि अनुसंधान प्रणाली में भारतीय कृषि अनुसंधान परिषद तथा राज्य कृषि विष्वविद्यालय न केवल विद्यार्थियों को शिक्षा प्रदान करने में महत्वपूर्ण भूमिका निभाते हैं बल्कि अनुसंधान, विस्तार तथा प्रौद्योगिकी हस्तांतरण के ऐसे मॉडल विकसित करने में भी महत्वपूर्ण भूमिका निभाते हैं जो राज्य की कृषि प्रणाली में अपनाई जा सकें। उन्होंने पौधा किस्म और कृशक अधिकार अधिनियम की मुख्य विशेषताओं पर प्रकाश डालते हुये देश में उपलब्ध जैव विविधता के हॉट स्पॉटों के बारे में विस्तृत जानकारी अपने प्रस्तुतीकरण में दी।

विषिष्ट अतिथि के रूप में बोलते हुये डॉ. ए. एस. तिवारी, पूर्व कुलपति, ज.ने.कृ.वि.वि., जबलपुर अधिनियम की विशेषताओं का जिक्र करते हुये आनुवंशिक महत्व के जननदृश्यों के संरक्षण की महत्ता पर विशेष जोर दिया।

डॉ. एन.एस.तोमर, अधिष्ठाता कृषि महाविद्यालय,

ग्वालियर ने इस कार्यक्रम से होने वाले लाभ के विषय में बताते हुये किसानों को पंजीकरण कराके लाभ लेने हेतु आगे आने को कहा।

उद्घाटन सत्र के समापन में डॉ. के. वी. सिंह, तकनीकी अधिकारी, कुलपति तकनीकी प्रकोष्ठ के द्वारा अतिथियों, प्रशिक्षणार्थियों व उपस्थित वैज्ञानिक व मीडियाकर्मी को धन्यवाद ज्ञापन प्रेषित किया गया। कार्यक्रम का संचालन निदेशालय के कृषि प्रसार वैज्ञानिक डॉ. यज्ञ देव मिश्रा द्वारा किया गया।

उद्घाटन सत्र के उपरान्त तकनीकी सत्र में डॉ. ए.के.सिंह, प्राध्यापक एवं विभागाध्यक्ष, पादप प्रजनन एवं अनुवांषिकी विभाग, कृषि महाविद्यालय, ग्वालियर ने "पादप प्रजनक अधिकार एवं कृशक अधिकार" विषय पर अपना व्याख्यान दिया जिसके अन्तर्गत उन्होंने

- कृशक हितों के संरक्षण का इतिहास
- बौद्धिक संपदा अधिकार
- पादप प्रजनक अधिकार (च्छर)
- कृशक अधिकार व
- पादपप्रजनक अधिकार के लाभों पर प्रकाश डाला।

डॉ. व्ही. एस. कांडलकर, प्रधान वैज्ञानिक (गेहूँ अनुसंधान) कृषि महाविद्यालय, ग्वालियर ने "पौधा किस्म जीनोम उद्धारक समुदाय अभिज्ञान राष्ट्रीय जीन निधि-से संचरित आवेदन पत्र एवं प्रक्रियाएं" विषय से सम्बन्धित बिन्दुओं पर चर्चा की। इसके अतिरिक्त कृशकों को आवेदन पत्र भरने के लिये बिन्दुवार जानकारी दी।

कार्यक्रम में प्रस्तुतीकरण देते हुये डॉ. के.पी.एस. मलिक, पूर्व प्राध्यापक एवं विभागाध्यक्ष पादप प्रजनन एवं अनुवांषिकी विभाग कृषि महाविद्यालय, ग्वालियर ने जैविक विविधता और इसका संरक्षण विषय पर निम्नलिखित बिन्दुओं के अन्तर्गत चर्चा की।

- विविधता के प्रकार



- जैव विविधता का वर्तमान स्तर
- जैव विविधता ह्रास के मुख्य कारण
- जैव विविधता को बचाना क्यों जरूरी है?
- जैव विविधता संरक्षण की तकनीक
- भारत में संरक्षण का कार्य

कार्यक्रम के दौरान पौधा किस्म एवं कृषक अधिकार प्राधिकरण नई दिल्ली द्वारा किसानों में पी. पी. वी. एवं एफ. आर. अधिनियम, 2001 के बारे में जागरूकता के लिये तैयार वीडियो फिल्म भी प्रदर्शित की गयी।

- **Training cum Awareness Programme at Krishi Vigyan Kendra, Majhgawan, Satna:** A Training cum Awareness Programme on “Provisions of the Protection of Plant Varieties and Farmers’

Right Act, 2001” was

organized Krishi Vigyan Kendra, Majhgawan, Satna on 21 February,



2014. Shri Abhay Mahajan, Organizing Secretary, Deendayal Research Institute, New Delhi was Chief Guest. Other invitees included were Smt. Rekha Soni, Coordinator, SFAC, Satna, Shri S.K. Sharma, Deputy Director (Agri.), Satna and Shri A.R. Tripathi, Project Director (ATMA). About 117 participants including farmers of the nearby villages were present.

Lecture delivered on following topics:

- PPV&FR Act, 2001 & need for protecting plant varieties,
- Farmers’ Rights,

- Identification of desirable characters in traditional crops & varieties,
- Crop Species for registration and registration process, and
- Traditional Crop varieties with novel characters like stress / disease resistance or nutritional and medicinal value.

Exhibition:

- Exhibition of varieties by farmers
- Exhibition prepared by KVK, Chitrakoot, U.P.
- Exhibition prepared by KVK Majhgawan, Satna, M.P.

Resources Persons:

- Dr. R.S. Negi, Programme Coordinator, KVK, Satna
- Dr. S.S. Kaushik, SMS (Agronomy)
- Dr. Ved Prakash Singh, SMS (Agri. Extension)
- Shri Lokesh Gangrade, SMS (Plant Protection)

- **Training cum Awareness Programme at CCSHAU, Hisar:** Dr. Tejbir Singh, Registrar, PPV&FRA participated in one day Training cum Awareness Programme on “Protection of Plant Varieties and Farmers Rights Act, 2001” on 22 February, 2014 at CCS HAU, Hisar (Haryana). The research scientist, faculties, students and farmers of the neighbouring villages participated in the programme and also sought necessary clarification about the provisions of Farmers’ Rights.

- **Training cum Awareness Programme at Krishi Vigyan Kendra, Bud Bud:** A one day awareness camp on Protection of Plant Varieties

a n d
Farmers'
Rights was
organized
by Krishi
Vigyan
Kendra,



Bud Bud, Burdwan sponsored by PPV&FR Authority, New Delhi on 24 February, 2014 at its' campus. With an eye for holistic awareness throughout the district, farmers engaged in conserving and improving age old varieties of crops or progressive farmers, capable of making other farmers aware of such issues of their locality, were invited in the programme through Assistant Directors of Agriculture, Govt. of West Bengal of different blocks of Burdwan. Out of a total of 33 blocks in the district, such farmers from as many as 24 blocks, participated in the programme. Besides, selected progressive farmers from the adopted villages of KVK also took part in the awareness camp. Overall, a total of 175 farmers participated in the programme.

The programme started with registration where the participating farmers were given one brochure in Bengali entitled "**Udvhid Baichitra Sanrakshan O Tatsambandhiya Krishaker Adhikar**" by Soumya Sarathi Kundu, Sandipan Garai, Subrata Sarkar and Dipankar Ghorai which is basically Bengali version of the "**Protection of Plant Varieties and Farmers' Rights**". Prof. Dilip Kr. Dey of PPV&FRA cell of Bidhan Chandra Krishi Viswavidalaya, Mohanpur, West Bengal was present as key resource person to make participants aware of their rights regarding protection of plant varieties. Other distinguished persons present were, Dr. Subrata Biswas, Scientist-in-Charge, Central Seed Research Station for Jute and Allied Fibres (CSRSJAF), Bud Bud; Dr. Amit Bera, Scientist, CSRSJAF; Dr. Debtanu Maiti, Asst. Director of

Agriculture (ADA), Ausgram-I, Burdwan; Dr. Rajesh Saha, Asst. Director of Agriculture, Galsi-I, Burdwan.

Dr. Monica Singh, SMS (Ag. Extn.), KVK welcomed the participants to the awareness programme and briefed about the objective of organizing the programme. Dr. Dipankar Ghorai, Prog. Coordinator (I/C), thereafter, welcomed the resource persons and other dignitaries present on the dais. He briefed the participants about the PPV&FR Authority, their role and functions in protecting farmers and breeders rights regarding plant varieties. Referring to the case of Basmati rice he urged upon the farmers to make themselves as well as other farmers in the locality aware of such rights in respect of their contributions made at any time in conserving, improving and making available plant genetic resources for the development of new plant varieties which could accelerate agricultural development in the country and facilitate the growth of seed industry by ensuring the availability of high quality seeds and planting material.

Prof. Dey discussed at length about various kind of farmers' rights under the PPV&FR Act, 2001. Since the district of Burdwan is rice bowl, he made reference to various rice cultivars which have been registered by the Authority at different times. Apart rice, other crops in the region like potato, vegetables etc. whose varieties can also be protected under this Act- he mentioned.

Dr. Amit Bera then elaborately by lucidly discussed the Distinctiveness, Uniformity and Stability parameters of crops in relation to PPV&FR Act. He reiterated the necessity of such kind of awareness programme for mass dissemination of such information to relevant stakeholders. Dr. S. Biswas in his speech mentioned about the need for traditional knowledge associated with the plant



varieties to be registered through the Act. Dr. Maiti, Director, DMPS Anand, Gujarat and Dr. Saha, ADAs briefed the audience about the activities they have taken up in their farms regarding conservation of age old rice cultivars. In the interaction session, resource persons answered to different queries from participating farmers. Six applications on rice varieties were processed in the programme to be submitted to the Authority.

- **Training cum Awareness Programme at Udyamita Vidyapeeth, Chitrakoot:** A Training cum Awareness Programme on “Protection of Plant Varieties and Farmers’ Rights Act, 2001” was organized Udyamita Vidyapeeth, Chitrakoot on 25 February, 2014.



Dr. Bharat Pathak, General Secretary, Deendayal Research Institute and Mahant Shri Ramhardaydas Ji Maharaj was the Chief guest and key

note speaker. Other Resources Persons included Dr. Narendra Singh, Programme Coordinator, KVK, Chitrakoot; Shri Vinay Kumar, SMS (Hort.), KVK, Chitrakoot; Dr. Govind Verma, SMS (Animal Science), KVK, Chitrakoot, U.P.

- **Krishi Vigyan Mela at IARI, Pusa, New Delhi:** The PPV&FR Authority participated in the Krishi Vigyan Mela organized by IARI, Pusa in its campus from 26-28 February, 2014. During the three days festival farmers of the neighbouring states visited the fair and updated



their knowledge various kind of technologies / agro products developed by different divisions of the IARI. PPV&FR Authority displayed its activities through charts, posters and various publications brought out for the farmers, DUS centres and other stakeholders. Over a lakh visitors participated in the Mela.

- **Training cum Awareness programme at NRC on Grapes:** A one day training cum awareness program on Protection of Plant Varieties and Farmers’ Rights Act, 2001 was organized at National Research Centre



for Grapes, Pune on 5 March, 2014 under the Chairmanship of Dr. R.R. Hanchinal, Chairperson, PPV&FR Authority, New Delhi. Dr. S.D. Shikhamany, Former Vice-Chancellor, Dr. YSR Horticultural University, West Godavari, Andhra Pradesh; Dr. R.C. Agarwal, Registrar General, PPV and FR Authority, New Delhi, Dr. S.D. Sawant, Director, NRC for Grapes, Pune Shri, Subhash Arve, Vice President, Maharashtra Rajya Draksha Bagayatdar Sangh (MRDBS), Pune were the other dignitaries presided during this program. About 75 persons comprising of grape growers, scientists, research fellows and technical persons participated in the program.

During the occasion, the technical bulletin entitled “Characterization of Grape varieties for DUS (Distinctiveness, Uniformity and Stability)” was released by Dr. R.R. Hanchinal. In his welcome address, Dr. S.D. Sawant, briefly explained about the objectives of the program and requested all the grape growers to make serious efforts to protect the

new clones / mutants developed by farmers to claim their rights and register their varieties / clones in their names to get the benefits associated with the registered variety.

Mr. Subhash Arve, Vice-president, MRDBS, Pune emphasized on documentation of new clonal selections made by grape growers in their field to get proper protection of them in farmers name. Dr. S.D. Shikhamany also stressed the importance of registering the varieties to protect the farmer's rights. He also expressed his deep concern about lot of new clonal selections being made by grape growers in the country and are not being protected by actual person who selected and popularized those selections. Dr. R.C. Agrawal, mentioned about importance of the Act and about DUS testing for registration of the variety. He briefly explained the history of creating PPV and FR Authority, its functions and objectives, its role being played in obtaining registration of new varieties / hybrids, varieties of common knowledge, extant varieties etc.

Dr. R.R. Hanchinal, in his address appreciated the role played by grape growers in identifying new clones / mutants which are playing major role in



grape area and production in the country. Being a geneticist and plant breeder he

explained the importance of gene and environment interaction determining phenotypic character of the variety which is useful for characterization of varieties. A short video-film prepared by PPV&FR Authority was screened to the participants for better understanding the functions of PPV and FR Authority, benefits of registering the varieties,

copyrights etc. Four technical presentations were also made on different aspects of PPV&FR Act, 2001, highlighting the importance of DUS testing, DUS descriptors of Vitis spp and procedures of registering varieties etc. by Dr. G.S. Karibasappa, Dr. J. Satisha and Dr. Roshni R. Samarth.

- **Awareness campaign on Farmers' Variety Registration at Tribal villages of Ambikapur, Chhattisgarh:**

Awareness campaign on Farmers' Varieties Registration was organized at Bansajal and Nakana villages of Ambikapur, District of Chhattisgarh on 8 March, 2014. Bansajal and Nakana are tribal farmers' dominated areas. Bansajal is



known to be a Jeeraphool, a very predominate scented rice local variety growing partially hilly and naturally locale area of Ambikapur district. At the time of Jeeraphool rice crop stage, scent of this variety assorted and flow with air and the entire environment turn out to be fragranced. Out of 177 farmers' families about 117 farmers' are growing this particular traditional variety. A group of Jeeraphool farmers' were also constituted for further activities. Other scented rice varieties viz. Kosamdhood (cluster panicle), Hathua (highly scented), Ramadi and Ras Kadam were also processed for registration of this village.

Smt. Augasti toppo and **Smt. Rambai**, two local farmers, applied for registration of their varieties viz. Kataki of rice and Bansa Makhi of Aarahar is one of the major activities of this awareness campaign



particularly on International Women's Day. The programme was coordinated by a woman, Smt. Asha Tirki, Janpad



Member of this village. Another major activity is local varieties/land races of pulses and oilseeds were also applied by many farmers for registration. Total 55 applications were received for registration from different farmers of these two villages. Shri Mangal Khalka, a tribal young farmer was recognized for collection and cultivation of many vegetables, pulses and oilseeds of Nakana village.

Dr. Ravindra Tigga, Programme Co-ordinator, KVK Ambikapur and Shri Chowksay were assisted for successful organization of this programme. RAO Shri Philmoan Tirki from Agriculture Deptt. was also coordinated.

• **Training cum Awareness Programme at Krishi Vigyan Kendra, Ganiwan, Chitrakoot:**

A Training cum Awareness Programme on “Protection of Plant Varieties and Farmers’ Rights Act, 2001” was organized at Krishi Vigyan Kendra, Ganiwan, Chitrakoot on 8 March, 2014.



Dr. Nandita Pathak, Director, JayPrabha Takniki Anusandhan Pratishthan Udyamita Vidyapeeth, Chitrakoot made a welcome address on this occasion. Dr. R.L.S. Sikarwar, Director, Jan

Shikshan Sansthan Chitrakoot and Mahant Shri Ramhardaydas Ji Maharaj were present. About 110 participant including farmers attended the nauning. Dr. Narendra Singh, Programme Coordinator, KVK, Chitrakoot; Shri V.K. Gautam, SMS (Agronomy) and Shri K.S. Shukla, SMS, KVK, Chitrakoot served as resource persons.

Impact of Training: About 100 traditional varieties of rice, 3 varieties of sorghum, 3 varieties of small millets and two varieties of brinjal identified in the district and are in the process of registration and will be submitted to PPV& FRA, New Delhi shortly as a result of four awareness programmes conducted in Chitrkoot & Satna.

• **Awareness campaign of PPV & FRA at Balrampur-Ramanujanj:**

One day awareness campaign on registration of farmers’ variety under PPV & FR Act was organized at Jaber village of the district-



Ramanujanj, Chhattisgarh on 9 March, 2014.



About 80 farmers of different villages of Balrampur participated in this programme. Dr. Arun Tripathi,

Programme Coordinator, KVK, Balrampur delivered preliminary dialogue and informed about the rich biodiversity and local varieties of the region. Dr. Deepak Sharma, Principal Scientist, IGKV, Raipur delivered a lecture on Farmers’ Varieties registration under PPV & FR Act. He also discussed the filling of the

application for the registration of farmers' variety. Sixty one applications of the farmers' varieties of different crops available with the local farmers like cereals, pulses, oilseeds, small millets, spices, cotton, guava, papaya and anola were submitted to the KVK for onward submission to the Authority.

Tremendous agro-biodiversity is present at Kotsar, Magarhara and Sagarpur villages of Balrampur District. Two farmers' viz. Shri Anadi Kumar Mandal and Shri Niranjan Das were awarded for good collection of local varieties of different crops. According to the farmers views this programme is really encourages them to protect and conserve the local and unique varieties grown by them.

One of the attraction of the event was a farmer, Shivaram, Kotsari villages who has many herbal and aromatic plant collections viz. some trees fruits leaves and stems, Satavar (Asparagus) varieties and many more other forest herbal and medicinal plants. He also informed about the details of medicinal values of these plants. With the discussion of Dr. Tripathi another progressive farmer, Shri Rameshwar Tiwari, established a community seed bank at Chingsaura village. Shri Rameshwar Tiwari is actively involved in seed sharing of improved as well as local varieties to the entire village. The overall program was very successful due to sincere efforts of Dr. Arun Tripathi, Programme Coordinator of Krishi Vigyan Kendra, IGKV, Balrampur.

● **Farmers Awareness Programme on PPV&FR Issues in Barley:**

One day farmer's awareness programme on PPV&FR (Protection of



Plant Varieties and Farmers' Rights) related issues was organized by Directorate of Wheat, Karnal at Krishi Vigyan Kendra, Jhajjar, Haryana under the aegis of Plant Varieties Protection and Farmers' Rights Authority, New Delhi on 14 March, 2014. From DWR, Karnal Dr. Vishnu Kumar (PI DUS barley) welcomed all the participants and the dignitaries. He also briefed about the agenda and preliminary introduction of PPV&FR Act. Dr. Arun Gupta, P.S. Crop Improvement gave introduction to the PPV & FR issues in general and highlighted the support and system existing in India. Dr. A.S. Kharub, P.I. (Barley) Network and Vishnu Kumar, PI, DUS (Barley) gave details of status of PPV&FR in barley and modern technologies of barley cultivation. Dr. Kharub also mentioned the scope of malt type barley cultivation in **"Contract Farming System"** with private industry as being followed in Punjab and Haryana. Dr. RK Sharma, P. I. Resource Management addressed the farmers for resource management issues for wheat and barley and also emphasized on conservation agriculture.

In addition scientists / officers from KVK, Jhajjar and Rohtak participated in the awareness programme. Dr. Surendra Dahiya, Coordinator, KVK, Jhajjar highlighted the role of KVK in technology dissemination in wheat and barley for the region. Dr. Rajesh Kumar, from KVK, Jhajjar interacted with the farmers on plant protection measures. Two progressive farmers namely Mr. Ajit Singh and Mr. Arun Kadyan also shared their success stories with other participants. Mr. Arun Kadyan also showed the farmer's wheat variety HJP 181 to the participants.

Chief Guest, Dr. (Mrs.) Sushila Kundu, Principal Scientist, DWR Karnal addressed the gathering of



farmers and wished that farmers will take up the issues to register their varieties of barley, wheat and other crop evolved with their traditional wisdom & experience and preserved the crop diversity over a longer period of time in the region. Barley being the traditional crop of the region has more chances of having farmer's local varieties for registration as farmer's variety. The participation of farm women was in great number and was appreciated by the chief guest. The programme was supported by KVK, Jhajjar for gathering of farmers and local help.

Dr. Anil Khippal presented the vote of thanks to all participants. He also interacted with the farmers on Direct Seeded Rice (DSR) as new technology to raise farm income. Nearly 140 farmers including a large number of farm women and supporting staff from the DWR participated in the awareness programme indicating that the keen interest in such issues.

During the “Goshthy” scientists from different disciplines interacted with the farmers and disseminated innovative scientific crop production and protection technologies for barley and wheat crops as per the agro-ecological conditions of district Jhajjar.

Besides, awareness programme, the crop related queries of the farmers were discussed and Farmer's Rights, Breeder's Rights, National Gene Fund, Variety Registration Process, Grow Out Test, Plant Genome Saviour Community Award etc. were discussed in depth with the participants.

- **Custodian farmers meet at CIARI at Port Blair:** A “Custodian Farmers Meet” under the theme “**Role of Custodian Farmers in Conservation, Use and Dissemination of Agricultural Biodiversity**” was held on 19 March, 2014 at Central Island Agricultural Research Institute at Port Blair in Collaboration



with Bioversity International.

Dr. N.K. Krishna Kumar, DDG (Hort.) ICAR, New Delhi was the Chief Guest and inaugurated the programme and stressed the need for persevering the native varieties of indigenous plants since the country has been losing many varieties of plants owing to genetic medication and chemical treatments with a view to increasing the yield. Dr. Prem Mathur, South Asia Coordinator, Bioversity International, Dr. S.B. Dandin, Vice Chancellor, University of Horticulture Sciences, Bagalkot, Dr. R.C. Agrawal, Registrar General, PPV&FRA, New Delhi and Dr. Bhuwon Sthapit, Regional Project Coordinator, Bioversity International were the guests of honour. Besides, Dr. C.K. Narayana, Director, IIHR, Bangalore, Prof. P.L. Saroj, Directorate of Cashew Research, Puttut, Karnataka, Dr. V.A. Parthasarathy, National Project Coordinator, PC, NPMU, UNEP-GEF-TFT, Dr. Prakash Patil, Project Coordinator (Fruits), IIHR, Bangalore, Dr. Maheswarappa H.P., Project Coordinator Palms, CPCRI, Kasaragod, Kerala and many other delegates and custodian farmers from different parts of India and Andaman and Nicobar Islands participated in the day long meeting. Earlier, the Director of CIARI Dr. S. Dam Roy in his introductory remarks informed that the islands are bestowed with 86% forest cover and the remaining 14% with agro-biodiversity. He revealed that in recognition of its status of one of the rich biodiversity of the world with many rare endemic species and beautiful coral ecosystem, the islands territory has been brought out into the biodiversity

platform. The Custodian Farmers of the islands developed a blue mango and another farmer found a new variety of fruit. The Custodian Farmers of the Nicobar Island conserved indigenous tuber crop plants and the scientist of the CIARI researched and documented all the indigenous varieties. Dr. R.C. Agrawal informed that the PPV&FR Authority has been given the mandate to recognize and rewards the farmers by PGSC award of Rs.10 lakh each for the best eco friendly community, besides individual farmers award for maintaining sustainable ecosystem.

The meeting aims to bring together Custodian Farmers as well as resource persons from mainland of India to share experiences, develop a methodology to identify Custodian Farmers, debated challenges faced by such farmers and to discuss ways to strengthen and / or support their invaluable contributions to the society. The meeting helped to contribute to raise visibility of custodian farmers at National and International levels and produce options / recommendations to policy makers for developing a more enabling environment for on-farm conservation efforts.

- **Training cum-Awareness Programme at Zonal Research Station Station, Chianki,**

Palamu
Jharkhand:
The
training
was
conducted
at Palamu,



Jharkhand on 25 March, 2014 and 142 participants including farmers attended the training cum-awareness programme.

- Perunthalaivar Kamaraj Krishi Vigyan Kendra (PKKV), Oulgaret, Puducherry, Pondicherry

has organized the Awareness cum Training programme on PPV&FR in its campus on 27 March,



2014. **Dr. Mohan A. Savery**, PC of this KVK welcomed the gathering and explained about the genetic aspects of crop varieties. **Dr. John Joel**, Professor & Head, Dept. of PGR, TNAU, Coimbatore was invited as Guest Lecturer and he has delivered a lecture on the PPV&FR Act, 2001. **Dr. V. Kumar**, SMS (Extn) of the Kendra has briefed about the roles of the Authority and the list of crops identified for registration. A farmer named **Dr. T. Venkadapathy** of Puducherry region who has received Padma Shri Award from GOI for his involvement in the development of crop variety was also invited for this programme and he was requested to share his experience. The programme ended with the vote of thanks by Dr. V. Kumar, SMS (Extn). Farmers and farm women including extension functionaries from the Dept. of Agriculture have attended the training programme with keen interest and enthusiasm.

Registrar General's participation

- On the invitation BMS Institute of Technology, Affiliated Visveswaraya Technological University, Bangalore, Dr. R.C. Agrawal, Registrar General, PPV&FR Authority made a guest presentation on the “**Farmers’ Rights**” as enshrined in the PPV&FR Act, 2001 on 4 January, 2014.

- **Krishi Vasant at CICR, Nagpur on 9-13 February, 2014:** India has taken enormous



strides towards achieving food and nutritional security in the country. Over the last few decades, food grain productions surpassed population growth. It registered a fivefold increase during a period when population grew by three times.

To celebrate farmers' great contributions to our agrarian economy, Krishi Vasant, 2014 was organized at CICR, Nagpur from 9-13 February, 2014 as a large congregation of farmers and stakeholders from the entire country. Millions of farmers and others visitors have visited in the



National level Fair cum Exhibition. This was a joint effort of Government of India and Govt. of Maharashtra. The program was inaugurated by the Hon'ble President of India on 9 February, 2014 and Shri Prithvi Raj Chauhan, Hon'ble Chief Minister of Govt. of Maharashtra, Shri Sharad Pawar, Hon'ble Union Minister of Agriculture and Food Processing & State Agri. Minister of Maharashtra were also present. In this programme, PPV&FRA also participated and placed a stall. During this exhibition the brochures on farmers' rights and PPV&FR Act, 2001 and other literature related

to IPR was distributed among the farmers and others. From Authority Shri R.R.Pradhan and Dr. D.S.Pilania were deputed to showcase the activities of the Authority by putting a stall. Besides, Senior Officers from Department of Agriculture and Cooperation, Ministry of Agriculture also visited the Krishi Vasant including the stall of the PPV & FR Authority. Dr. R.R.Hanchinal, Chairperson and Dr. R.C.Agrawal, Registrar General of PPV&FRA also visited Nagpur on 12 February, 2014 and talk has also been given by the Chairperson.

- **Training cum Awareness Programme:** Deendayal Research Institute, Chitrakkoot conducted four training cum Awareness workshops in February and March, 2014 with the support from PPV&FRA. Out of above workshops, in one of the training and awareness programmes which was held on 26 February, 2014 at Chitrakoot on awareness about the provisions of the Protection of Plant Varieties and farmers' Rights Act, 2001 among the farmers and other stakeholders - Chairperson and Registrar General, PPV&FRA were invited for the inauguration as Chief guest and Guest of honour.
- **Training cum Awareness Programme at Udyamita Vidyapeeth, Chitrakoot:** A Training cum Awareness Programme on



“**Protection of Plant Varieties and Farmers’ Rights Act, 2001**” was organized Udyamita Vidyapeeth, Chitrakoot on 26 February, 2014. Dr. R.R. Hanchinal, Chairperson, PPV&FRA, New Delhi, Dr. Anupam Mishra, Zonal Project Director, Zone – VII, Jabalpur, Prof. V.S. Tomar, Vice-Chancellor, JNKVV, Jabalpur, Shri A.R. Tripathi, Project Director (ATMA) and Prof. P.K. Mishra, JNKVV, Jabalpur was/ were Chief Guest and guests of honours respectively. About 101 participants attended the program.

Dr. P.S. Shukla, Associate Professor, Plant Breeding, GBPUA&T, Pantnagar and Dr. R.C. Agrawal, Registrar General, PPV&FRA, New Delhi were present as Resources Persons.

- One day Training cum Awareness Programme on “**Protection of Plant Varieties and Farmers’ Rights Act, 2001**” was organized by



Krishi Vigyan Kendra, Palamu in collaboration with Protection of Plant varieties and Farmers’ Rights Authority, Ministry of Agriculture, Govt. of India held on **25 March, 2014**. The participants who were mainly farmers & other stakeholders were given exposure about the provisions of the Protection of Plant Varieties and Farmers’ Rights Act, 2001 as well as other related important provisions related to farmers. Dr. L. K. Das, Programme Coordinator, KVK made welcome address and informed about the objective of the training program. Dr. A Pal



and Dr. Mazid Ansari, Jr. Scientists, ZRS; Dr. Akhlesh Sah; Sanjay Kumar, KVK, Chianki and Manish Kumar served as resource persons for this training. Sri Naresh Choudhary, DAO; Sri Umesh Prasad, DHO; Sri Probodh Kujur, Project manager, CHDP, Palamu; Sachin Akhtar, JJKVS and Sri Arundaya Vikash Sankal, Palamu **were distinguished guests who were Present on this occasion**. During the event applications of farmers’ varieties of **maize (9), Paddy (4), marwa-(3), arhar-(4), sawan-(3), kulthi-4, semi-4 and oat-1**. One publication on poudh kisham or kirshak adhikar sharanchhan adhiniyam, 2001 was also distributed amongst farmers and participants.

Foreign Visits

Foreign Visitors

A training programme on “**Seed Production and Quality Evaluation**” was organised from 3-16 March, 2014 for the officials from Afro-Asian Rural Development Organization (AARDO) member countries was organised in the Division of Seed Science and Technology, IARI, New Delhi. The training had 10 participants from Ghana(1), Malaysia (2), Oman (1), Sri Lanka (1), Sudan (1), Taiwan (2), Yemen (1) and Zambia (1). The information on seed production technology in selected major field



and vegetables, the procedures and principles for seed quality testing, seed storage and policy issues related to crop variety development, release and notification, the Seeds Act, 1966 & Seeds Rules, 1968 along with New Seeds Bill, 2004 and PPV&FR Act, 2001 was provided in the training through Class room lectures, Hand's on training, practical, demonstrations, interactive session and field visits. Dr. R.R. Hanchinal, Chairperson, PPV&FRA, was one of the eminent resource persons who interacted with trainees and explained the salient features of PPV&FR Act 2001 and the Farmers' Rights .

- **Visit of Prof. R R Hanchinal, Chairperson, PPV&FR Authority to CIMMYT, Mexico:** Dr. Atanu Purukayastha, Jt. Secretary (Seeds), Dept. of Agriculture and Co-operation, Ministry of Agriculture and Prof. R. R. Hanchinal, Chairperson, PPV&FR Authority visited CIMMYT, Mexico from 22–28 March, 2014 on the invitation by Borlaug Rust Initiative, an International consortium initiated by ICAR, ICARDA, CIMMYT, FAO and Cornell University and International Maize and Wheat Improvement Centre (CIMMYT), Mexico. More than 700 researchers, policy makers and representatives of leading Agricultural Research for Development Organizations around the world participated in both the conferences. From the Indian side, apart from JS (Seeds) and Chairperson, PPV&FR Authority, the Ambassador of Republic of India to Mexico, Additional Secretary, DARE & Secretary ICAR, DDG (Crop Sciences), ICAR, Agricultural Commissioner, DAC, Director, Indian Agricultural Research Institute, New Delhi and Contingent of Scientists from Wheat program participated.

The objective of the BGRI technical workshop (22-25 March, 2014) was to review the

R&D work to reduce world vulnerability to stem yellow and leaf rusts of wheat and to enhance world productivity to withstand global threat to food security. It was followed by Borlaug summit on Wheat Food Security (26–28 March, 2014) which was targeted on how to feed growing population, which will exceed 9.6 billion by 2050 and demand for wheat may increase by 60 percent in context of global warming and climate change.

News for Branch office

Guwahati

Applications received: A total of 308 applications were received for registration during the period. (i.e. January – March, 2014). After preliminary examinations, these were sent to Headquarters for further necessary action.



- **PGSC Award & PGSF Rewards/Recognition applications:** A total of 7 applications for PGSC Award 2013 and 11 applications for PGSF Rewards/ Recognition 2012-13 were received at the branch office as on 30 September, 2013. These were forwarded to Headquarters.

- **Field visit with Bioversity International Team:** Dr. A.C. Sarma, Deputy Registrar delivered a lecture on PPV&FR Act, 2001 to the farmers of North Eastern India in International Expo at Guwahati on 10 January, 2014.



- **Meeting at Bioversity International, New Delhi:** Dr. A.C. Sarma, Deputy Registrar visited Pirakota village and attended a meeting at



Biodiversity International, N A S C Complex, New Delhi on 14 January, 2014 to discuss and finalise the baseline survey

form and the logistic for undertaking the baseline information in North Eastern India for the project entitled **“Mainstreaming agro biodiversity conservation and utilization in agricultural sector to ensure ecosystem services and reduce vulnerability”** under the GEF funded project Dr. P. N. Mathur, Regional Director, Asia, Pacific and Oceania & South Asia Coordinator Bioversity International, Dr. V. Ramanatha Rao and Dr. M. Dadlani, consultant, BI, Dr. D.K. Hore, Consultant, ISBD, Imphal and other scientists and NGO were present. The meeting decided to take three sites in the North Eastern states.

- Deputy Registrar along with the team consisting of Dr. V. Ramanatha Rao and Dr. (Mrs) Malavika D a d h a n i , Consultant, Biodiversity International, New Delhi, Dr. D.K. Hore , Consultant, Institute of Bio resources and Sustainable Development (DBT), Takyelpat, Imphal visited Pirakota village of Jorhat District on 29 January, 2014.



- The same team visited Chowkham area of Arunachal Pradesh for site selection for GEF Funded project of Bioversity International on 30 January, 2014.



Special Drive for registration of farmers' varieties in North-Eastern Hills

- **KVK Jorhat:** Deputy Registrar attended as resource person for a Training cum-Awareness Programme at KVK, Jorhat on 30 January, 2014. Dr. R. Borgohain, Programme Co-ordinator, KVK, Jorhat, Dr. P. Talukdar, Dr. R.N. Sarma, Dr. N.S. Barua, Professors of Plant Breeding and Genetics Assam Agricultural University Jorhat also



delivered lectures on different aspects of P P V & F R Act. Dr. V. Ramanatha Rao, Dr.

M. Dadlani, both Consultants , Bioversity International, New Delhi, Dr. D.K. Hore, Consultant , Institute of Bio Resources and Sustainable Development, Takyelpat, Imphal, Manipur also attended the programme. The programme was also attended by Dr. M. Neog and Dr. (Mrs) Utpala Goswami, Assoc. Director



of Extension, Assam Agricultural University. Around 80 farmers from different parts of Jorhat district participated the event.

- **KVK Karbi Anglong, Diphu:** Deputy Registrar attended another training cum-awareness



programme at **KVK Karbi Anglong, Diphu on 17 February, 2014.** The Awareness Programme

was attended by more than 80 participants. Dr. R. Sarma, Dr. U. Borthakur, scientists, RARS Diphu, Programme Coordinator, Subject Matter Specialists, Agriculture Officers of Karbi Anglong and District Agricultural Officer, Karbi Anglong also present. Dr. R.N. Sarma, Professor, Department of Plant Breeding and Genetics, Assam Agricultural University, Jorhat and Dr. A.K. Deka, Programme Co-ordinator of the KVK also acted as resource persons. During the interactive session, the farmers also provided information on traditional varieties. They took keen interest and assured of filing applications for registration.

- **KVK Arunachal, Cachar:** The Awareness Programme was conducted at KVK Arunachal, Cachar on

20 February, 2014 and attended by more than 100 participants comprising of farmers,



scientists and VLEWs of Cachar district. Dr. B.P Barua, Chief Scientist, RARS Karimganj,

Mr. N. Bhuyan, Scientist, (PBG), RARS Karimganj Dr. S. Sannigrahi, Advisory Officer & In-Charge, Cachar Advisory Centre of Tea Research Association also delivered lectures and encouraged the farmers of the area to come forward for registration of their conserved varieties wealth in their own interest.

- **KVK Jayantia Hills:** A Training cum-Awareness Programme at **KVK Jayantia Hills, Meghalaya was held on 11 March, 2014** to sensitize the farmers and the civil society of the area about the PPV&FR Act, 2001. The



programme inaugurated by Dr. A.K. Gogoi, Zonal Project Director, Zone III, ICAR, Umiam. Shri D. Lyngdoh, Joint Director of Horticulture, Govt. of Meghalaya, Shri M. Tariang, District Agricultural Officer, Jayantia Hills, Shri Y. Shilla, District Agricultural Officer, West Jayantia Hills, Mrs. I. Paswet, District Agricultural Officer, East Jayantia Hills, Dr. M.J Syngkom, Programme Co-ordinator KVK Jaintia Hills also attended the programme and interacted with the farmers.

- **Directorate of Horticulture and Food Processing, Govt. of Assam:** A Training cum-

Awareness Programme at Directorate of Horticulture and Food Processing



was held on 12 March, 2014. The programme was attended by around 50 farmers. Shri T.D. Hanse, Director

of Horticulture and Food Processing, Govt. of Assam, Dr. B. Pathak and Shri G.K. Hazarika Asstt. Directors and six Agricultural Officers also attended programme and interacted with the farmers. Dr. A.K. Singh, STO also interacted with the farmers and apprised them about the provisions of farmers' rights under the Act.

● **Tocklai Experimental Station, Tea Research Association (TRA), Jorhat:**



A Training cum - Awareness Programme was conducted on 13 March, 2014 and its was attended by the tea planters,

scientists and advisory officers of Tea Research Association. Dr. N. Murulidharan, Director, TRA, Dr. S. Pathak, Deputy Director, TRA also attended the programme. Dr. P.K. Barua, Head, Deptt. of Plant Breeding and Genetics and Dr. P.K. Borah, Nodal Officer DUS Test Centre for rice, AAU Jorhat also acted as resource person.

● **KVK Mokokchung, Nagaland:**

Another Training cum-Awareness Programme at KVK Mokokchung, Nagaland on 14 March, 2014. Around sixty farmers of Mokokchung district of



Nagaland attended the Programme. Dr. P.K. Biswash, Programme Co-ordinator, Subject Matter Specialists also attended the programme. The farmers displayed seeds / planting material of their traditional varieties. Few applications for registration were also filled up by the farmers for the purpose of registration by the PPV&FR Authority.

Ranchi

- **Applications received:-** During the reporting period the Branch office has received 271 (Two hundred seventy one) applications of Farmers' Varieties. The applications were forwarded to the Protection of Plant Varieties & Farmers' Rights Authority (PPV&FRA) Headquarters after initial examination for further processing.

- Shri Umakant Dubey, Deputy Registrar, Ranchi participated in one day Training cum-Awareness Programme organized by Holy Cross



Kendra (KVK), Hajaribagh

(Jharkhand), on 4 & 30 January, 2014. Apart from officials and staff of Holy cross KVK, Shri Brajkishor Jayswal, Chairman, Zila Panchayat,



Hajaribagh, Shri R.N. Prasad, Joint Director (Agri.), Chhotanagpur Mandal, Dr. Yogesh Kumar, Senior Scientist, Central Rainfed

Upland Rice Research Station, Hajaribagh, Shri Lallan Ram, representative from IFFCO and over 100 farmers were present in the awareness programme. The farmer also submitted applications for registration which were spot examined and forwarded to Headquarters for needful.

- Deputy Registrar participated in one day Training cum-Awareness Programme



organized at KVK Saran, (Bihar), on 1 February, 2014. Dr. A.K. Singh, Zonal Project

Director, ICAR, Zone-II Kolkata, Dr. V.K. Chaudhary, University Prof. (Genetics) Rajendra Agriculture University, Pusa, Samastipur (Bihar), Smt. Baby Singh, Mukhia, Saran and all officials and staff of KVK Saran, along with above 100 farmers were present in the awareness programme and submitted farmers' varieties applications for registration.

- Deputy Registrar participated in one day Training cum-Awareness Programme organized at the University Auditorium of Bihar Agricultural University (BAU), Sabour, Bhagalpur on 6 February, 2014 with the financial support



of PPV& FR Authority, New Delhi. Dr. M. L. Choudhary, Vice Chancellor, Dr. Ravi Gopal Singh, Director of Research, Dr. Darbeshwar Roy, Dean (Agri.), Dr. R.N. Sharma, Chairman (PBG), Dr. J.B. Tomar, Associate Director (Research) and Dr. Chandan Roy, Asstt. Prof. also graced the occasion. Apart from officials and staff of Bihar Agricultural University, Sabour Bhagalpur, there were over 225 farmers of Bhagalpur, Munger, Jamuai, Shekhpra and neighbouring districts were present and submitted farmers' varieties applications for registration.

- Another one day Training cum-Awareness Programme was organized by KVK, Katihar of Bihar Agricultural University, Sabour Bhagalpur on 7 February, 2014. Sh. B.N. Pandey,



District & Session Judge, Katihar, Dr. R.N. Sharma, Chairman (PBG), BAU Sabour and Dr. J.B. Tomar Associate Director (Research), Dr. Rajesh Kumar, Principal, Bholu Paswan Shastri Agricultural College, Purnia, Dr. S.B. Singh, Project Co-ordinator (PC), KVK, Kishanganj (Bihar), Dr. J. Rahaman, Principal Scientist, Jute Research Centre, Katihar (Bihar), Project Co-ordinator (PC), KVK, Arararia, Project Co-ordinator(PC), KVK, Poornia and Dr. Chandan Roy, Asstt. Prof. cum Nodal officer also graced the occasion. Apart from officials and staff of KVK, Katihar there were over 125 farmers of Katihar & neighbouring districts also attended the programme.

- Deputy Registrar participated in one day Training cum-Awareness Programme organized by KVK Banka, of Bihar Agricultural University, Sabour Bhagalpur (Bihar), on 8 February, 2014 with the financial assistance of PPV& FR



Authority New Delhi. Dr. M. L. Chaudhary, VCBAU Sabour, Bhagalpur, Dr. Ravi Gopal Singh, Director of Research, BAU Sabour, Dr. R.N. Sharma, Chairman (PBG), BAU Sabour Bhagalpur, District

Agricultural Officer, Banka, Soil Conservation officer, District Horticulture officer, Banka, Dr Chandan Roy, Asstt. Prof, BAU Sabour, Legal Practitioners and Public representative (Block Pramukh) graced the occasion. Apart from officials and staff of KVK Banka, about over 100 farmers of Banka neighbouring district were present.

- Deputy Registrar attended one day Training cum-Awareness Programme organized by KVK, Rohtash (Vikramganj) of Bihar Agricultural



University, (Bihar) on 11 February, 2014 with the financial assistance of PPV& FR Authority, New

Delhi. Dr. DPS Diwakar, Principal, Veer Kunwar Krishi Mahavidyalaya Dumarao, Buxar, Dr. P.K.Singh Senior Scientist, Veer Kunwar Krishi Mahavidyalaya Dumarao, Buxar, Dr. Chandan Roy, Asstt. Proff., BAU Sabour, Shri Ajit Kumar DGM, NABARD, Sh. P.K. Dwivedi, Project Coordinator (PC), KVK, Bhojpur Ara, Nityanand Project coordinator (PC), KVK, Aurangabad and Dr. Shaiwal De, KVK, Rohtash also graced the occasion. Apart from officials and staff of KVK, Rohtash (Vikramganj) there were over 100 farmers of Rohtash and neighbouring districts. Participants and the organizers thanked the Authority for taking such awareness programme at their place.

- Deputy Registrar participated in one day Training cum-Awareness Programme organized by Divyayan Krishi Vigyan Kendra (KVK) Ram Krishna Mission, Ranchi (Jharkhand), on 18 February, 2014 with the financial assistance

of PPV& FR Authority, New Delhi. Swami Shashankananda, Secretary, R.K. Mission, DKVK, Swami



Tatsevananda, Incharge, Extension Division, Shri Vikash Kumar, District Agriculture Officer(DAO), Ranchi, Dr. A.K. Singh, Project Coordinator, Divyayan Krishi Vigyan Kendra (KVK) Ram Krishna Mission, Ranchi (Jharkhand) were present. Apart from official and staff of Divyayan Krishi Vigyan Kendra(KVK) Ram Krishna Mission, Ranchi (Jharkhand). There were over 100 farmers of Ranchi and neighbouring districts, students and trainees were present and submitted farmers' varieties applications for registration.

- Deputy Registrar participated in one day Training cum-Awareness Programme



organized by KVK, West Medinipur (West Bengal), on 5 March, 2014 with the financial assistance

of PPV&FR Authority, New Delhi. Shri Tapas Kumar Maiti, Secretary & CEO Seva Bharti KVK(SBKVK), P.O. Kapgiri, West Medinipur, (West Bengal), Dr. A.K. Maiti, Project Coordinator (PC), Seva Bharti KVK (SBKVK), P.O. Kapgiri, West Medinipur, Dr. S. Pramanik, Subject Matter Specialist (SMS) Plant Science, KVK, Nadia were present. Apart from officials and staff of KVK, West Medinipur (West Bengal) about over 100 farmers of Medinipur



and neighboring districts were also present.

- Deputy Registrar participated in one day training cum-awareness programme organized by Indian Institute of Agricultural Biotechnology, Garhkhatang, Ranchi at Indian Institute of Natural Resin and Gum, Namkum Ranchi(Jharkhand), on 7 March, 2014 with the financial support of PPV& FR Authority, New Delhi. Dr. R. Ramani, Director Indian Institute of Natural Resin and Gum(IINRG) Namkum, Ranchi, Dr. Jata Shankar Chaudhary, Director State Agricultural Management and Extension training Institute(SAMETI), Ranchi, Dr. Nirmal Kumar, Principal Scientist, Indian Institute of Agricultural Biotechnology(IIAB), Garkhatang, Ranchi, Dr.N.K.Sinha, Senior Scientist, Indian Institute of Agricultural Biotechnology(IIAB), Garkhatang, Ranchi were present. Apart from officials and staff of Indian Institute of Natural Resin and Gum, Namkum Ranchi (Jharkhand) about 100 farmers of Namkum (Ranchi) and neighboring district were present.

- Deputy Registrar participated in one day Training cum Awareness Programme organized by KVK, Lalganj, Buxar on 13 March, 2014 with the financial support of PPV& FR Authority, New Delhi. Dr. K.M. Singh, Social, Economic Extension Division, ICAR RCER, Patna, Dr. Vishwendu Duvedi, Project Coordinator (PC), KVK Lalganj, Buxar, Sh. Rameshwar Prasad Verma, Senior Advocate, Civil Court, Buxar were present. Apart from official and staff of KVK Lalganj



Buxar, there were over 100 farmers of Buxar and neighbouring districts were present. The farmers were advised to file applications of their farmers' variety to safeguard their interest for future.

- Deputy Registrar participated in one day Training cum Awareness Programme organized at auditorium of Birsa Agricultural University (BAU), Ranchi (Jharkhand) on 26 March, 2014 with the financial assistance of PPV& FR Authority, New Delhi. Dr. M.P. Pandey, Vice-Chancellor (VC), BAU Ranchi, Dr. R. Thakur, Dean (Agri.) BAU Ranchi, Dr. Z.A. Haider, Chairman Genetics & Plant breeding, BAU Ranchi, Dr. R.P. Singh, Director (Seeds & Farms), BAU, Ranchi, Dr. D.N. Singh, Chief Scientist, PBG, BAU Ranchi graced the occasion. Apart from officials, staff and students of Birsa Agricultural University (BAU), Ranchi (Jharkhand) and over 80 farmers of Ranchi (Jharkhand) and neighbouring districts were present.

Participation in National Seminars

- A “National Seminar on breeding for a biotic stresses: Problem & Prospects” was held at Birsa Agricultural University (BAU), Ranchi (Jharkhand) on 23-24 February, 2014 organized by Ranchi Chapter, Indian society of Genetics and Plant Breeding, New Delhi and Department of Plant Breeding and Genetics, Birsa Agricultural University, Ranchi. Deputy Registrar, Ranchi was also nominated as member in National Advisory Committee in seminar and made a presentation on the PPV&FR Act, 2001 and Farmers' Rights.
- Deputy Registrar Participated in National Seminar on “Eastern Region Chapter on IPR in Agriculture” organized by Indian Council



of Agricultural Research (ICAR) Research Complex for Eastern Region, Research Centre, Plandu, Ranchi on 27-28 February, 2014 and delivered a lecture on PPV&FR Act, 2001. The purpose of the meet was to discuss the issues related to Intellectual Property Rights in different areas of agriculture and to advocate recommendations for IP issues in agriculture.

Special Campaign for Registration of Farmers' Varieties

PGSC Awards, Rewards & Recognitions

The scrutiny of the applications received for

PGSC Awards, Rewards & Recognitions for the year 2013 was made in the Authority and out of 108 applications received, 28 applications were found suitable for the Plant Genome Saviour Community Award and remaining 80 numbers for Plant Genome Saviour Farmers Rewards & Recognitions.

RTI

During the January - March, 2014, the Authority received ten applications either directly or through transfer from other Departments seeking information under RTI Act, 2005. The information sought was made available within the stipulated time.



Crop species under Registration (77)

Crop species	Botanical name		Crop species	Botanical name
Rice / चावल	Oryza sativa L		Small cardamom/छोटी इलायची	Elettaria cardamomum Maton
Bread wheat/गेंहूँ (चपाती)	Triticum aestivum L.		Tomato / टमाटर	Lycopersicon lycopersicum (L.) Karsten ex. Farw.
Durum wheat / डूरम गेंहूँ	Triticum durum Desf.		Brinjal / बैंगन	Solanum melongena L.
Dicocum wheat/ डिकोक्कम गेंहूँ	Triticum dicocum L.		Okra/ भिन्डी	Abelmoschus esculentus (L.) Moench
Other Triticum / ट्रिटिकम प्रजातियाँ	Triticum species		Cauliflower /फूल गोभी	Brassica oleracea L. var. botrytis
Maize/ मक्का	Zea mays L.		Cabbage / पत्ता गोभी	Brassica oleracea var. capitata L.
Sorghum/ ज्वार	Sorghum bicolor (L.) Moench		Bitter Gourd/ करेला	Momordca charms& L.
Barley / जौ	Hordeum vulgare L.		Bottle Gourd/ लोकी (घिया)	Lagenario siceraria (Mol) Standl.
Pearl Millet/ बाजरा	Pennisetum glaucum (L.) R. Br.		Cucumber/ खीरा	Cucumis:sativus L.
Chickpea / चना	Cicer arietinum L.		Pumpkin/ कद्दू	Cucurbita moschata Duch. ex Pair.
Mungbean / मूंग	Vigna radiata (L.) Wilczek		Potato / आलू	Solanum tuberosum L.
Urdbean / उड़द	Vigna mungo (L.) Hepper		Onion/ प्याज	Allium cepa L.
Fieldpea / मटर	Pisum sativum L		Garlic/ लहसून	Allium sativum L.
Kidney bean/राजमा	Phaseolus vulgaris L.		Rose/ गुलाब	Rosa spp. other than R. damascena
Lentil / मसूर	Lens culinaris Medik		Crysanthemum / गुलदाउदी	Chrysanthemum L.
Pigeon pea/अरहर	Cajanus cajan (L.) Millsp		Mango / आम	Mangifera indica L.
Indian mustard/ सरसो	Brassica juncea L. Czern & Coss		Pomegranate/ अनार	Punica granatum L
Karan rai / राई	Brassica carinata A Braun		Apple/ सेब	Malus domestica Borkh
Rapeseed/ रेप्सीड	Brassica rapa L		Pear/ नाशपाती	Pyres communis L
Gobhi sarson/गोभी सरसों	Brassica napus L.		Grapes/ अंगूर	Vitis spp.
Groundnut/ मूंगफली	Arachis hypogaea L.		Indian jujube (Ber) / बेर	Ziziphus mauritiana Lamk.
Soybean/ सोयाबीन	Glycine max (L.) Merrill		Apricot/ खुबानी	Prunus armeniaca L
Sunflower/सूरजमुखी	Helianthus annuus L.		Cherry/ चेरी	Prunus avium L.



Crop species	Botanical name		Crop species	Botanical name
Safflower/ कुसुम	Carthamus tinctorius L.		Almond/ बदाम	Prunus dulcis (Mill.) D.A. Webb
Castor / अरंडी	Ricinus communis L.		Walnut/ अखरोट	Juglans regia L.
Sesame / तिल	Sesamum indicum L.		Isabgol / इसबगोल	Plantago ovata Forsk.
Linseed / अलसी	Linum usitatissimum L.		Menthol Mint / पुदिना	Mentha arvensis L.
Diploid Cotton / कपास (द्वगुणित)	Gossypium arboreum L.		Damask Rose/ गुलाब (इत्र)	Rosa damascena Mill
	Gossypium herbaceum L.		Periwinkle / सदाबहार	Catharanthus roseus L. G Don
Tetraploid Cotton / कपास (चतुर्गुणित)	Gossypium hirsutum L.		Brahmi / ब्राह्ममी	Bacopa monnieri L. Pennell
	Gossypium barbadense L.		Coconut / नारियल	Cocos nucifera L.
Jute / पटसन	Corchorus olitorius L.		Bamboo Leaf Orchid or Boat Orchid/ साइमबिडम	Cymbidium Sw.
	Corchorus capsularis L.		Spray Orchid or Singapore Orchid/ जीवंती	Dendrobium Sw.
Sugarcane / गन्ना	Saccharum L.		Vanda or Blue Orchid/रसना	Vanda Jones ex R. Br.
Black pepper / काली मिर्च	Piper nigrum L.		Orchid/ आर्चिड	Gallon Lindl.
Coriander/ धनिया	Coriandrum sativum L.		Orchid/ मोथ आर्चिड	Phalaenopsis Blume
Fenugreek/ मेथी	Trigonella foenum gnuscurn L.		Eucalyptus/ सफेदा	Eucalyptus comaldulensis Dehmb.and Eucalyptus tereticornis Sm..
Turmeric / हल्दी	Curcuma Longa L.		Casurina/ जंगली सरू	Casuarina equisetrolia L. and Casuarina funghuhnicoso Miq.
Ginger /अदरक	Zingiber officinale Rosc.			



For further information, kindly contact:

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Chairperson

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