



Krishimela, 2014 - University of Agricultural Sciences, Bangalore

KVK-BRD participated in the Krishimela – 2014 organized by UAS (B) during 19-21 Nov, 2014. All the seven KVKs of the university prepared and displayed a live watershed model under the theme ‘Conservation of water – Priority of KVKs’. Different water conservation measures required for different slopes and plains were explained in the model. This model won the **Best Exhibition Stall award**. Sri Siddaramaiah, Honorable Chief minister, Sri Krishna Byregowda, Minister of Agriculture and other dignitaries participated in the Krishimela and appreciated the University for its Efforts to reach out to the farming community.



Best Farmer awards from Bangalore Rural district in Krishimela-2014

The following farmers from Bangalore Rural district received different awards during Krishi Mela 2014 organized by the University of Agricultural Sciences, Bangalore during 19–21 Nov, 2014 at GKVK Campus, Bangalore.



State Level CORP Award – Sri Manjunath, Beediganahalli village, Devanahalli taluk
District Level

Best farmer – Sri C. Navikram, Lakshmidhevipura village, Doddaballapur taluk

Best Farmwoman - Smt. Sudharani, Shivanapura village, Hoskote taluk

Taluk Level

Taluk	Best Youth farmer	Best Youth Farmwoman
Devanahalli	Sri Harish, Yaliyur village	Smt Saraswathamma, Yadala village
Doddaballapura	Sri. R. Ambareesh, Thapasihalli village	Smt. Bharathi, Hosahalli village
Hosakote	Sri M.Anand, Alagondanahalli village	Smt M. Mamatha, Appasandra village
Nelamangala	Sri Narasimhaiah, Kuntabommanahalli village	Smt Kavitha, Hullearive village

VII Scientific Advisory Committee meeting

The Seventh Scientific Advisory Committee meeting of KVK-BRD was held on 16.12.2014 under the Chairmanship of Dr D P Kumar, Honorable Vice-Chancellor, UAS, Bangalore. Dr N Nagaraja, Director of Extension and Dr Sreenath Dixit, Zonal Project Director, Zone VIII, Dr. D. Nuthan, Associate Director of Research (HQ), Sri Jayaswami, Joint Director of Agriculture, Sri R. Girish, District Social Welfare Officer, Smt. Pushpalatha, Deputy Director, Dept. of Women & Child Development and representatives from line departments participated in the meeting.



In the introductory remarks, the Vice-Chancellor briefed the mandates of KVK and the purpose of SAC meeting. This was followed by presentation on Action Taken Report on the recommendations of Sixth Scientific Advisory Committee meeting and activities carried out during August 2013 to November 2014. The results of On Farm Testings, Front Line Demonstrations, Farmers Field School, Integrated Farming System Demonstrations, Large Scale Demonstrations, NIFTD programmes, Analysis of Soil & Water testing, other extension activities, farm activities

and the plan of activities for 2014-15 were briefed to the gathering. The dignitaries inaugurated **'Sheep-cum-Poultry Demonstration Unit'** in the centre and released a folder titled **'ವೇಳಿಗೂಂಟು ಮತ್ತು ಪುಲ್ಟರಿ ಒಟ್ಟು ಕೆಲಸ ಮಾಡುವ ವಿಧಾನ'**.

On campus trainings

Integrated Pest Management in Agriculture and Safe Use of Pesticides

The farmers of Doddaballapura taluk participated in training programme during 27-28 October, 2014 about **'Integrated Pest Management in Agriculture and Safe use of pesticides'**. The farmers discussed about problems faced by them during the management of pests and diseases and side effects on health after spraying the chemicals. Dr B Manjunath, SMS (PP) explained to the trainees the key principles of Integrated Pest and Disease Management (IPDM), preventive measures to be adopted in field and horticultural crops and different methods of IPDM and protective measures to be taken while spraying chemicals.



Precision Farming in Horticulture Crops

The extension functionaries from the Dept. of Horticulture from the districts of Kolar, Chikkaballapura, Bangalore rural and Tumkur participated in two day training programme held during 15-16 Oct, 2014 about **'Precision farming in Horticultural Crops'**. Dr Krishna manohar and his team from Precision Farming Development Centre, GKVK, Bangalore and scientists from KVK-BRD explained to the farmers about different components of Precision Farming Technology. Construction and management of green houses, mulching technology, drip irrigation and fertigation, cultivation of high value crops, management of weather parameters and pests and diseases were discussed in detail with the trainees.



Latest Animal Nutrition Feed Technologies

KVK-BRD organized a two-day technical workshop for the doctors of the Dept. of Animal Husbandry and Veterinary Sciences on **Latest Animal Nutrition Feed Technologies** during 6-7 Nov, 2014. Dr N K S Gowda, Principal Scientist, National Institute of Animal Nutrition and Physiology (NIANP), Dr Vasundhara, Professor, Dept. of Veterinary Sciences, GKVK, Dr Siddaramanna, National Dairy Research Institute (NDRI) participated in the workshop as resource persons. Various topics such as Importance of balanced feeding in livestock, Nutrient requirement in different growth stages, Fodder production and conservation, Azolla, Benefits of total mixed ration (TMR), Breeding problems and Profitable Dairying were discussed in detail with the trainees.



Importance of Micro Nutrients among Adolescents, Malnutrition and its Management

KVK-BRD organized a technical workshop for the Anganwadi workers of the Dept. of Women and Child Welfare, Bangalore Rural district during 11-12 Dec, 2014 about **'Importance of Micro Nutrients among Adolescents, Malnutrition and its Management'**. Information regarding importance of health among vulnerable sections in the society, food pyramid, deficiency symptoms of different nutrients and minerals and methods of preparation of value added nutrient rich foods were discussed with the trainees and hands on experience was given to them.



Preparation of Pickles & Chutnies

The members of two Self Help Groups from Unnigere village, Nelamangala taluk participated in the vocational training programme organized during 17-18 Oct, 2014 about **'Preparation of Pickles & Chutnies'**. This programme was organized in collaboration with



'Hand-in-Hand' NGO. The members were educated about importance of income generating activities for rural women for self sustenance and value addition and marketing of locally available crops. Hands-on experience was provided about preparation of pickles and chutnies from tomato, amla, onion, garlic, mixed vegetables, elakkai and lemon.

Off Campus trainings

- Importance of vegetables in daily diet among school children – Hadonahalli
- Importance of UMMB lick in balanced feeding in Goats - Jakkenahalli
- Health and nutrition for Adolescent girls - Dodda Belavangala
- Scientific cultivation of vegetables and their management in terrace gardening – Doddaballapura
- Importance of balanced diet, health and hygiene and Nutritional status of Adolescent girls - Dodda Belavangala
- Zero energy vegetable preservator – Hadonahalli
- Scientific feeding in goats, deworming and importance of UMMB – Hasiruvalli
- Management of late blight of Potato using bio control agents – Hasiruvalli
- Use of bio control agents on late blight management in tomato – Sulibele
- Integrated pest management in Mango – Karepura
- Role of micro nutrients in Grapes – Peddanahalli
- Foliar application on Boron micro nutrient - Karepura
- Production technologies in Bengal gram – Sadappanahalli



Celebration of important days

World Food Day was celebrated on 16-10-2014 at Sondakoppa village, Nelamangala taluk. Dr. Savita S.M. SMS (Home Science) highlighted the importance of celebrating World Food Day each year and explained the theme of the year 2014 **'Family farming – Feeding the World and Caring for the Earth'**. Debate competition on the theme "Family farming" was organized for farm women on this occasion and prizes were given for the best three performers. This was followed by demonstration on value addition of food products for nutrition. Another programme was organized at Hosahalli village, Doddaballapur taluk on 18-10-2014 for the members of Maize and Banana Growers Associations and importance of storage techniques of food grains was discussed with the farmers.



Field days

Demonstration of Ragi var. ML 365

A Field day was organized on **Ragi var. ML 365** at Karepura, Doddaballapur Taluk on 7-11-2014. Mr. A. Sudarshan Reddy, SMS(Agronomy) explained that Ragi var. ML 365, a short duration crop is suitable for late sowing and is having drought tolerance and blast resistance. The grain yield of the crop is 40-45 q/ha and fodder yield is 50-55 q/ha. This yield potential can be achieved with good agronomic practices such as seed treatment, optimum seed rate, spacing, moisture conservation measures and integrated nutrient management.



Quality enhancement in Ridge gourd through AMC and vegetable special

A Field day on **'Quality enhancement in Ridge gourd through AMC and Vegetable Special'** was conducted on 28-11-2014 at Lakkapanahalli village, Nelamangala taluk. Smt. B.G.Vasanthi, SMS (Soil Science) briefed about the importance of AMC in soil fertility management and the role of Vegetable Special for quality fruits and higher



yield in Ridge gourd. Dr.Manjunath, SMS (PP) explained the different IPM practices to be followed in ridge gourd crop.

Demonstration of Redgram var. BRG-5

A Field day was conducted at Hasiruvalli village of Nelamangala Taluk on **Redgram var. BRG-5** on 05.12.2014. Mr.A.Sudarshan Reddy, SMS (Agronomy) explained about important characteristics of BRG-5 var. over other varieties such as BRG-2 and integrated crop production practices in Redgram. Dr.B.Manjunath, SMS (Plant Protection) discussed with the farmers about integrated management of pests and diseases in Redgram.



Demonstration of Field bean (var. HA-4)

A Field day was conducted on **Field bean var. HA-4** at Arasanahalli village, Hosakote Taluk on 22.12.2014. Mr.A.Sudarshan Reddy, SMS (Agronomy) explained about the photo insensitive variety of Field bean var. HA-4 cultivation practices and its improved cropping practices. Dr.B.Manjunath, SMS (PP) explained about integrated pest and diseases of field bean and their management.



Integrated Pest and Disease Management in Banana

A Field day was organized about **IPDM practices in Banana** at Chikkanahalli village, Nelamangala Taluk on 17.12.2014. On this occasion, Dr.B.Manjunath, SMS (PP) explained about the integrated methods to manage panama wilt in banana and also briefed about safe & judicious use of pesticides. Smt.B.G.Vasanthi, SMS(SSAC) explained about the importance of Banana Special and Banana Bunch Feeding Technique. Mr. A. Sudarshan Reddy, SMS (Agronomy) explained about improved cultivation practices in banana.



National Initiative on Fodder Technology Demonstration

Module – I : Visited to farmer fields and guided about inter cultural operations of COFS-29 cultivation - Karepura, Daddahejjaji, Hadonahalli, Gantiganahalli

Module – II : Provided critical inputs (Stylozanthus seeds, Cowpea, SAT, DHN-6 and Horse gram) - Hosahalli, K.R.Pura, Karepura, Gantiganahalli, Cheelenahalli

Module – III : Conducted Demonstration on Area specific mineral mixture, silage making in drums and silage bags, urea enrichment of straw, Total Mixed Ration (TMR) and Conducted training programme on Ration Balancing programme - Karepura, Cheelenahalli and K.R.Pura



Large Scale Demonstrations

- ◆ Large scale demonstration of **Ragi var. ML 365** was undertaken in 12 ha in Karepura village, Doddaballapur taluk. A field day was organized on 14-11-2014 at to create awareness about the performance of drought tolerant and neck blast resistance **Finger Millet var. ML-365**. The performance of the variety was significantly superior over the existing varieties. The scientists explained to the farmers about different varieties of ragi and benefits of growing ML-365 ragi variety. As per the farmers opinion the variety is good for grains and fodder, has low dusting quality and good broth cooking quality. The farmers were asked to retain the seeds and share it with fellow farmers as seed material.
- ◆ Large scale demonstration of **Redgram BRG-5** is being carried out in 2 ha in Karepura and Daddahejjaji villages, Doddaballapur taluk. A field day was



organized on 29.11.2014 and the scientists discussed about special characteristics of Redgram BRG-5 variety in comparison with other Redgram varieties, integrated nutrient and pest management practices, and scientific cultivation practices in Redgram.

- ◆ Another Large scale demonstration on **Integrated Crop Management practices in Maize** was undertaken in 6 ha in Karepura village, Doddaballapur taluk. A Field day was organized on 10.11.2014 and scientists of KVK-BRD explained about the purpose of conducting large scale demonstrations, integrated methods to manage stem borer, turcicum leaf blight and downy mildew menace, nutrient requirement and agronomic practices in maize, selection of fodder crops on based on location and scientific practices of multi-cut fodder crops.

Integrated Farming System Demonstration

- Management of pests and diseases in Maize
- Mechanization in maize cultivation, silage making and balanced animal nutrition
- Field day on Integrated Crop management practices in Maize

Other services available at KVK

- Analysis of soil and water samples and advisory services for soil health and water management
- Analysis of infected plant samples and advisory services about integrated management practices
- Production and Sale of quality planting material and advisory services about nursery management
- Production and sale of Vegetable Special and bio-fuel products Millets Processing Centre
- KVK Marketing Complex and Millets Processing Centre

Services and Sale of Technological Inputs

About 148 soil and 70 water samples of the farmers were analyzed and suitable agro-advisories were provided to the farmers during this quarter. Farmers purchased 12 kg Vegetable Special for use in various vegetables. Farmers also purchased 798 quality horticultural planting materials from the plant propagation unit of KVK.

Plant Health Clinic

Examined about 40 infested plant samples and advised to the farmers about management practices. Field plots in Hosahalli, Karepura, Doddahahejjaji, Peddanahalli, Bommavara, Arasanahalli, Hasiruvalli, K R Pura and Jakkenahalli villages were visited and information was provided to the farmers about integrated pest and disease management practices in different field and horticultural crops.

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