



# ICAR-Krishi Vigyan Kendra

Hirehalli, Tumakuru-572 168.

ICAR-Indian Institute of Horticultural Research



Volume - 6 Issue - 3  
July 2017 - Sept 2017

## News Letter

### Special Programme

#### "Sankalp Se Siddhi" – Krishi Vigyan Kendra, Hirehalli, Tumakuru

"Sankalp Se Siddhi" - A New India Movement towards doubling the income of the farmers by 2022 was organized by ICAR-IIHR- Krishi Vigyan Kendra, Hirehalli, Tumakuru. This programme was organised in association with Department of Agriculture, Government of Karnataka, Tumakuru on 30.08.2017 at Zilla Panchayat Auditorium, Tumakuru. The programme was inaugurated by Shri SP Muddahanume Gowda ji, Honourable Member of Parliament, Tumakuru. The programme was attended by Shri. B.Suresh Gowda ji, MLA, Tumakuru Rural, Smt. Roopa Devi D., Joint Director (Agriculture), Tumakuru, Shri. Shantharam K.G., IAS, CEO Zilla Panchayat, Tumakuru, Smt. Sharada N., Vice President, Zilla Panchayat, Tumakuru. Smt. Latha Ravikumar M., President Zilla Panchayat presided over the function. Dignitaries from ICAR, Dr. M.R.Dinesh, Director, Dr. C.K.Narayana, Chairman, PME Cell, ICAR – IIHR, Bengaluru and Dr.G.Karunakaran, In-charge-Head, CHES, Hirehalli, were present as experts.

Honourable Member of Parliament, in his speech, stressed about the coordination of Agricultural Department, Banks and farmers along with marketing support as the key factor to improve the livelihood of farming community.

Director, ICAR-IIHR, highlighted the importance of technological support that the institute would extend in doubling the farmers' income.

About 250 farmers participated and took pledge on Sankalp Se Siddhi for doubling the farmers' income by 2022 by following the seven strategic points. Shri B.Suresh Gowda ji, MLA, Tumakuru Rural, administered the pledge.

Welcome address was given by Dr.Loganandhan, N., Senior Scientist and Head, ICAR-KVK, Hirehalli and vote of thanks was by Dr. Ramesh N., Project Director (ATMA), Tumakuru District.

Dr.Hanumahthe Gowda, B., SMS (Plant Protection) compared the programme. All the staff members of KVK and Agriculture Department, Tumakuru took part in the event.



### News and Events

#### Consultative Meeting with ATARI Directors on Dissemination of ICAR-IIHR Technologies



ICAR-Indian Institute of Horticultural Research Organized a "Consultative Meeting with ATARI Directors on Dissemination of ICAR-IIHR Technologies" on July 7, 2017. This is an unique programme initiated by ICAR-IIHR with the purpose of augmenting dissemination of ICAR-IIHR technologies through Krishi Vigyan Kendras (KVK) of eleven Agricultural Technology Application Research Institute (ATARI) Zones of the country. The ATARIs are actively engaged in the transfer of technology to the stakeholders, mainly the farmers.

Hon'ble Deputy Director General (Agricultural Extension), Dr AK Singh, and Directors of ATARIs representing ten zones of the country participated as delegates. Dr AK Singh in his introductory remarks appreciated the efforts of ICAR-IIHR to develop many farmer-friendly technologies. He added that the Division of Extension, ICAR is keen to collaborate with ICAR-IIHR for technology dissemination of horticultural technologies, so that ultimately, the farmers will be benefitted. Dr MR Dinesh in his introductory remarks mentioned that ICAR-IIHR is very keen to partner with eleven ATARI Zones of the country, so that the benefits of horticultural technologies that are viable and having potential to double the income of farmers, will reach the horticulturists through KVKs.

All the Heads of the Divisions, Horticultural Experimental stations and Programme Coordinators of KVKs of ICAR-IIHR presented the technologies that can be disseminated

through ATARI zones. During the deliberations, the DDG (AE) and ATARI Directors expressed their interests towards technologies that are suitable for their respective zones and areas of interests for collaboration such as technology assessment, technology demonstration, capacity building and seed production programmes. Potential areas for further collaboration were arrived-at based on the interests of the ATARI Directors and modalities for way forward were worked out. It was decided that the programmes of ICAR such as ARYA, Farmers First, Farmers Producers Organizations (FPOs) etc., may be utilized for application of ICAR-IIHR technologies by the KVKs, so that the income of horticulturists can be doubled. Nodal Scientists from the Division of Social Sciences and Training were identified for follow-up action towards technology dissemination of ICAR-IIHR technologies identified by the ATARIs.



### Parthenium Awareness Week 16th to 22nd August 2017

Parthenium awareness week was observed on 17th August, 2017 at KVK, Hirehalli. All the staff of the KVK Hirehalli involved in removing parthenium in and around the campus physically and also by spraying Bio-Weedicide.



### International Honeybee day at KVK Hirehalli

Training and awareness programme on honey bee rearing was conducted on the occasion of International Honey bee day on 19th August 2017 at Krishi Vigyan Kendra, Hirehalli. In this programme Mr.Nagandra T.C and his staff from Swadheshi Samooaha of Tumakuru participated and gave hands on training on Bee keeping, Honey harvesting and other aspects of Honey bees. During the programme he also emphasized about the role of Honeybees in seed setting in Agriculture, horticulture, Forest species, etc. He also informed gathering that bee keeping is one such technology which can increase the income



levels of the farmers without affecting the ecology.

Dr.N.Loganandhan, Head and Sr. Scientist of Krishi Vigyan Kendra, Hirehalli, spoke on the occasion and highlighted the importance of Honey bees on the Food security and also maintaining the Environmental diversity through the Pollination process. This

programme was attended by more than 70 farmers of Tumakuru District. Dr.Somashekhar, SMS (Plant Breeding) welcomed the trainees and other invitees. This Programme was attended by Mr.Ramesh P.R, Dr.Hanumanthegowda, Mr.Prashanth J M and Mr.K.N.Shashidhar and other staff of KVK. Ms.Radha Banakar, SMS (Home Science) Coordinated this programme and proposed the vote of Thanks.

### Celebration of Sarwatra Swatchhta Diwas

Sarwatra Swatchhta diwas was celebrated from 26.09.2017 to 27.09.2017 at the premises of ICAR-KVK, Hirehalli. All the staff members of KVK and CHES, Hirehalli - both permanent and temporary were actively involved in cleaning the office campus of KVK and CHES, Hirehalli as part of the programme.



**Transfer of Technology  
Training Programmes organized  
On Campus Trainings**

Title	Date From -to	No. of Participants
Flower crop production practices	02.08.2017	20
Ragi value addition	15.09.2017	25
Improved production practices and post harvest management in Mango	21.09.2017	40
Training on Mushroom Cultivation	26.09.2017	50

**Off Campus Trainings**

Title	Date From -to	No. of Participants
Improved technologies in horticultural crops in collaboration with DATC Chikkanahalli at Sira Taluk	10.08.2017	33
Integrated Pest and Disease Management in groundnut and betelvine was organized at Lingadahalli village of Pavagada taluk	18.08.2017	43
Pomegranate and lime cultivation, soil health management in Pomegranate at DATC Sira for Pavagada farmers	07.09.2017	30
Climate Resilient Technologies in collaboration with DHAN foundation at Koratagere	13.09.2017	100

**Training Programme**

**Training programme on Improved technologies in horticultural crops held on 10.08.2017 in collaboration with DATC Chikkanahalli at Sira Taluk**

Subject Matter Specialists of KVK, Hirehalli conducted Training programme on Improved technologies in horticultural crops held on 10.08.2017 in collaboration with DATC Chikkanahalli at Sira Taluk.

Shri. Prashanth J.M., Subject Matter Specialist delivered lecture on improved horticultural crops viz., Coconut and Arecanut. He stressed the importance of application of organic manure rather than inorganic fertilizers. He has advised the farmers to follow the package of practises prescribed for this region.

Dr.B.Hanumanthe Gowda, Subject Matter Specialist (Plant Protection) delivered a lecture on integrated pest and disease management in coconut and arecanut. He delivered the lecture on symptoms, etiology and management of diseases in coconut and arecanut. He also demonstrated the preparation Bordeaux mixture and stressed the importance and use of Bordeaux mixture in coconut for prevention of diseases.

33 farmers benefitted from this programme.

**Integrated Pest and Disease Management in ground nut and betelvine was organized on 18.08.2017 at Lingadahalli village of Pavagada taluk**

Subject Matter Specialists of KVK, Hirehalli delivered lecture on improved agricultural practises and pests disease management at Lingadahalli village of Pavagada taluk.

Shri.P.R.Ramesh, Subject Matter Specialist (Soil Science) explained on importance and use of organic manures and demonstrated the preparation and use of Arka Microbial consortium in betelvine crop. He stressed the importance of soil testing and explained in detail about the soil sampling.

Shri.J.M.Prashanth, Subject Matter Specialist(Horticulture) explained in detail about the package of practices to be followed in Arecanut cultivation. He also stressed the use of recommended dose of fertilizers and timely inter-cultivation operations for better yield.

Dr.B.Hanumanthe Gowda, Subject Matter Specialist (Plant Protection) explained in detail about pests and diseases of ground nut, Arecanut, Coconut and Betelvine and their management. He also demonstrated the preparation and use of Bordeaux mixture for management of foot rot disease in Betelvine.

43 farmers benefitted from this programme



**Training programme on pomegranate and lime cultivation, soil health management at DATC Sira for Pavagada farmers on 07th September 2017**

KVK, Hirehalli in collaboration with DATC conducted training programme on lime and pomegranate production practices and soil health management held on 7th September, 2017.

Shri.J.M.Prashanth, SMS (Horticulture) delivered lecture on improved production technologies of lime and pomegranate. He stressed the importance of pruning and training systems in pomegranate and lime cultivation. He advised to follow the recommended package of production in fruit trees.

Shri.P.R.Ramesh, SMS (Soil Science) delivered lecture on soil health and water management in horticulture crops. He explained in detail about soil physical and chemical properties and water use efficiency in horticulture crops.

30 farmers from Pavagada taluk benefitted from this training programme.



## Training on Climate Resilient Technologies in collaboration with DHAN foundation at Koratagere on 13.09.2017

KVK, Hirehalli conducted Training on climate resilient technologies in collaboration with DHAN foundation at Koratagere on 13.09.2017

Shri. P.R.Ramesh, Subject Matter Specialist (Soil Science) gave lecture on importance of soil testing and facilities available in KVKs. He also explained about climate resilient technologies demonstrated in Durgada Nagenahalli village. There was group discussion after the training. Shri. P.R.Ramesh answered all the queries raised by the farmers and farmwomen.

About hundred farmers and farmwomen from different villages attended the training programme and got benefitted.



## Training on Mushroom Cultivation at KVK Hirehalli

Training on Mushroom Cultivation was conducted on 26th September 2017 at KrishiVigyan Kendra, Hirehalli. Dr. N.Loganandhan, Head and Sr. Scientist of KrishiVigyan Kendra, Hirehalli, welcomed all the participated resource persons and trainees for the programme and highlighted the importance of mushroom cultivation for both employment generation and to achieve nutritional security.

In this programme Dr.Meera Pandey, Principal Scientist of IIHR, Bengaluru participated as a resource person. She gave a lecture on nutritional importance of different kinds of mushrooms along with their cultivation. Other resource person Dr.Senthilkumar, Principal Scientist of IIHR, Bengaluru highlighted the different structures which can be used for various kinds of mushroom cultivation and elaborated the procedures of Oyster mushroom cultivations. Later during the programme trainees were demonstrated the mushroom bag filling and incubation.

This training programme was attended by 50 farmers of Tumakuru District as well as other districts of the state. Ms.Radha Banakar SMS (Home Science) and Dr.Somashekhar, SMS (Plant Breeding) Coordinated the training programme Mr.Jagadish K N SMS (Agril. Extension) and other KVK Staff were present.



## On Farm Testing (OFT) – 2017-18

Sl.No	Title
1.	Assessment of Mustard varieties as alternative oilseed crop
2.	Assessment of Onion varieties for Rabi season
3.	Assessment of Redgram varieties for disease tolerance and higher yield

Published by : **Dr. M. R. Dinesh**, Director, IIHR, Hesaraghatta, Bengaluru-560089  
 Chief Editor : **Dr. N.Loganandhan**, Sr. Scientist & Head, KVK, Hirehalli, Tumakuru-572168  
 Editors : **K.N.Jagadish, Prashanth J.M., Ramesh P.R., Hanumanthe Gowda B. Radha R. Banakar, Dr. Somashekhar**, Subject Matter Specialists, **Shashidhara K.N.**, Programme Assistant, KVK, Hirehalli.  
 Designed by : **K.N. Jagadish and N Jayasankar**, KVK, Hirehalli.

## Front Line Demonstrations (FLD) - 2017-18

Sl.No	Title
1	Conservation furrow as insitu moisture conservation to combat mid season drought in Maize
2	ICM in Coconut
3	Usage of Arka Actino Bio-rational Brinjal
4	Demonstration of Bio-rationals in French Bean
5	ICM in Tomato
6	French bean intercropping in Arecanut
7	ICM in China Aster
8	ICM in Pomegranate
9	Management of wild Boar in farming system
10	Improved production practices and post – harvest management in Mango
11	Nutritional garden in schools
12	EDP : Dried flowers based income generating activities for women

## Technological Products for Sale at KVK, Hirehalli

Particulars	Cowpea seeds
Banana Special	(Arka Gharima)
Vegetable Special	Pumpkin seeds (Arka Suryamukhi)
Citrus Special	Bottlegourd (Arka Bahar)
Mango Special	Redgram (BRG-5)
<b>Bio-Pesticides</b>	Ragi (ML-365)
Neem Soap	Fodder Sorghum Seeds
Pongamia Soap	Fodder Cowpea
Arka Microbial Consortium (AMC)	Navane – Local Sunhemp Seeds
Sealer Cum Healer	Napier gross cuttings
Fruit Fly Trap	Pappaya Seedlings
<b>Soil &amp; Water Testing</b>	Drumstick seedlings
Soil Sample Analysis	<b>Value added products</b>
Water Sample Analysis	Amla Squash
Leaf Sample Analysis	Amla Candy
<b>Seeds</b>	Ragi Malt
Amaranthus Seeds (Arka Suguna)	Mushroom Spawn
Palak Seeds (Arka Anupama)	<b>Seedlings / Grafted</b>
Chilli Seeds (Arka Suphal)	Mango Grafted
Tomato Seeds (Arka Meghalli)	Guava Grafted
Ridgegourd Seeds (Arka Sujath)	Lime Seedlings
Radish seeds (Arka Nishanth)	Amla Grafted
Okra seeds (Arka Anamika)	Arecanut Seedlings
Onion seeds (Arka Kalyan)	Coconut Seedlings
French bean seeds (Arka Suvidha)	

**Farmers may call toll free Number 1800 180 1551 for any enquiry on Agricultural/Horticultural Field Problems**

## Book Post

To,

Mr./Mrs./Dr. ....

.....

.....

.....