

## Significant Events

On 22<sup>nd</sup> April 2104, NICRA project review meeting was organized at ZPD office, Bangalore. Dr.N.Loganandhan, PC and Mr.K.N.Jagadish, SMS (Agril.Extension) participated in the meeting. Progress report of NICRA project was presented to the officers of ZPD and NICRA, CRIDA, Hyderabad. As per the suggestion shared by the experts, the proposal for next year was modified and submitted to the authorities.



State Horticulture Dept. Organized "Workshop on Horticulture Development" on 24<sup>th</sup> -25<sup>th</sup> April 2014 at IAT Campus, Bangalore. They had also organised an exhibition at IAT Arkere Auditorium in which on special invitation for Krishi Vigyan Kendra, Hirehalli Tumkur participated in the programme. The workshop and exhibition was inaugurated by Shri. G.V. Krishna Rao, IAS, Principal Secretary and Development Commissioner, Govt. of Karnataka accompanied by Dr. D.L. Maheshawar, Director, Dept. Horticulture, Govt. of Karnataka. KVK Staff participated in the programme during the day.



On 26<sup>th</sup> April 2014, Dr.N.Loganandhan, PC participated in the IRC (Institute Research Committee) meeting of IIHR. The progress made in all the externally funded projects of the KVK was presented to the staff of the Institute.

On 5<sup>th</sup> – 8<sup>th</sup> May 2014, Dr. N.Loganandhan attended Annual Review Meeting of KVKs of Zone VIII at CMFRI, Kochi. He presented the progress made in the year 2013-14. The

suggestions put forth by the experts were noted down for the progress of the KVK.

On 13<sup>th</sup> May 2014, a team of KVK staff led by Dr. S Prabhu Kumar, ZPD, Zone I, visited our KVK. Dr. H.S. Dhaliwal, Dean, PAU, Ludhiana, Dr. Keshava, Principal Scientist, ZPD Zone I, Ludhiana and team of 20 Programme Co-ordinators from Zone I participated in the programme. They were shown various soil and water conservation related activities carried out at KVK farm and at NICRA village. Finally the programme ended at the farm of Shri. Prabhakar, Organic Farmer & SAC Member. This programme was documented in Doordharshan, Bengaluru on the same day.



On 27<sup>th</sup> May, 2014, Mr.Jaspreet Sidhu, Consultant, Advisory Services accompanied by Mr.T.Sayooj, M/s. Ernst & Young Co., Bangalore visited KVK to evaluate the NICRA project. The team was taken to D.Nagenahalli, NICRA village for discussion and to interact with villagers and members of VCRMC to elicit their impression about the project implementation and progress through focus group discussion (FGD), assess the impact and usefulness of the technology interventions made under TDC-NICRA component and also to assess the usefulness of capacity building and training programmes organized under the project.



A Mango Diversity Fair was organized by IIHR, Bangalore and the exhibition in this regard was inaugurated by Dr. Sreenath Dixit, Zonal Project Director, Hebbal, Bangalore on 3<sup>rd</sup> June, 2014. On his visit to KVK stall, he appreciated the value added products kept for display. Dr. Loganandhan, N., K.N.Jagadish, Ramesh P.R., Prasanth. J.M., & Shashidhara K.N., participated in the event along with 38 farmers from Tumkur.



## TV & Radio Programmes

Following T.V. Programmes were telecasted on the various activities of KVK

- 1) "Mango Low Cost Ripening Chamber - IIHR Technology" – DDK programme Telecasted on (5th June 2014) at 05.30 pm and again at 6.00 am on 6<sup>th</sup> June 2014 about Mango Ripening Documented at the field of Sri Revannasiddiaiah, Neralapura, Tumkur by KVK, Hirehalli, Tumkur.
- 2) Mango Harvesting Technology – DDK programme Telecasted on 16<sup>th</sup> April 2014
- 3) Removal of rootstock sprouts, water shoots, crisscross and lower branches in Sapota on 7<sup>th</sup> May 2014
- 4) Inter Zonal Cross Learning Visit to KVK Hirehalli & NICRA Village documented and telecasted on 15<sup>th</sup> May 2014



A Radio programme by Radio Siddhartha, Tumkur was organized on 17<sup>th</sup> June at KVK Hirehalli and following topics were covered by the concerned SMS's.

P.R. Ramesh SMS (Soil Science): Management of Soil, Water and Nutrient in drought situation.

Prasanth JM, SMS (Horticulture): Dryland Horticulture Technologies

B. Hanumanthe Gowda, SMS (Plant Protection): Integrated Pest and Disease Management in Horticultural Crops of Tumkur District

Somashekhar, SMS (Plant Breeding): Seed Production Technology and important activities during drought condition.



## Field Visits

- Diagnostic Banana plot Field Visit of Mr. Nataraju, Progressive farmer at Hosahalli Village, Tumkur taluk on 17<sup>th</sup> May 2014.



- Diagnostic Geranium plot Field Visit of Mr. Kantaraju, Progressive farmer at Papanahalli Village, Sira gate, Tumkur taluk on 9<sup>th</sup> June, 2014.



## Human Resource Development

- B.Hanumanthe Gowda attended one day Training Programme on "**Sealer cum Healer**" organized by ITMU, IIHR, Bangalore on 8.6.2014
- Dr. N.Loganandhan attended three days training programme on "**Technology Management in Agriculture for KVK professionals**" during June 9-11 organized by NAARM, Hyderabad.

## Publications

### Research publication, popular article, book / chapter:

Biswajit Mondal, N.Loganandhan and A.Raizada, 2014, Meteorological drought and coping strategies by small and marginal farmers in semi-arid Karnataka, Indian Journal of Soil Conservation, Vol 42(1), pp: 54-61.

### Paper presented in seminar/ symposium /Workshop

Hindi Seminar on "The Role of Agricultural Science and Technology in Food and Nutritional Security" was held on 04-05 June 2014 at IIHR, Bangalore. Given below papers were presented during the programme.

1. JALVAYU PARIVARTHAN KE DAUR MEIN KRISHI VIDHEEKARAN KE MADHYAM SE MAHILA SASHAKTIKARAN" by Loganandhan, N., Jagadish, K.N., and Shankara, M.H.,
2. AAM KA SEEDHA VIPNAN: KISANON KE FAYDE by Jagadish, K.N., M. R. Hegde, and H. Amarananjundeshwara
3. AAM MEIN FAL MAKHI KE NIYANTRAN HETU FEROMON JAAL KI UPYOGITA  
Jagadish, K.N., M. R. Hegde, and Saju George

## Honours / Recognition/Awards

The paper "JALVAYU PARIVARTHAN KE DAUR MEIN KRISHI VIDHEEKARAN KE MADHYAM SE MAHILA SASHAKTIKARAN" presented by Dr. Loganandhan, N., Jagadish, K.N., and Shankara, M.H., in the Hindi National Seminar organized by IIHR from 4-5<sup>th</sup> June 2014 was awarded second prize.

The theme for World Environment Day 2014 is 'Small Islands and Climate Change', the official slogan for the year 2014 is 'Raise Your Voice Not The Sea Level'. In this connection World Environment Day was celebrated at Siddaganga High School near KVK, Hirehalli on 5<sup>th</sup> June 2014. Mr. Ramesh, SMS (Soil Science) from KVK participated in the function arranged. Amla seedlings from KVK were distributed to the students and planted in the school campus.



Earlier on 30<sup>th</sup> May 2014, on an environmental day related project, 150 students of MARUTI VIDYA KENDRA (MVK) School, Tumkur (Class 8<sup>th</sup> - 10<sup>th</sup> Standards), accompanied by Mrs. Sushma and senior teachers visited the KVK. At KVK, the team was explained about various farm activities by Mr. Prasanth J.M., SMS (Horticulture).



**Seed production:** KVK, Hirehalli is involved in seed production of vegetables and other crops. During June month Onion (Var: Arka Kalyan) Transplanting was taken up for seed production programme.



On 30<sup>th</sup> June 2014 VCRMC meeting of NICRA village was organized in the D.Nagenahalli village. Programme Coordinator and Nodal officer participated in the meeting. Members of VCRMC committee also took part in the meeting. Issues like - Change of secretary and members of VCRMC and CHC, Procurement of new tractor engine for effective use of equipments in CHC, Conducting exposure visit to farmers to Tiptur and Mandya, Soil testing for 30 farmers for soil based nutrient application, Introduction of short duration varieties – avane, Bajra, Red gram, training on ragi value addition etc., were discussed.



### Transfer of Technology (Trainings, Exhibitions, Field visits, T.V / Radio programme): Training Programmes organized at KVK:

#### ON Campus Trainings

Sl.No.	Title	Date	No.of Participants
1.	Mushroom Cultivation	19.6.2014	12

#### OFF Campus Trainings

Sl.No.	Title	Place	Date	No.of Participants
1.	Post Harvest Technology in Mango	Neralapura Tumkur	15.5.2014	50
2.	Natural Resource Management	Vaddarahalli, Tumkur	24.5.2014	17

#### Sponsored Training Programmes

Sl.No.	Title	Sponsoring Agency	Date	No.of Participants
1.	Plantation Crops Management	UAS, Bangalore	28.5.2014	17



## Visitors

Dr. D.L.Maheshawar, Director, Dept. of Horticulture, Govt. of Karnataka, Dr. Eshwarappa & Dr. Prabhakar, Consultants to Dept. of Horticulture visited Krishi Vigyan Kendra in connection with Workshop to be held on 24<sup>th</sup> and 25<sup>th</sup> April 2014.



Dr. A. R. Sadananda, Maize Seed Systems Specialist for South Asia & Dr. B.S.Vivek, Maize Breeder from International Maize and Wheat Improvement Centre (CIMMYT) visited KVK Hirehalli on 8<sup>th</sup> May 2014.



## Approved OFT & FLD for the year 2014-15 On Farm Trials (OFT)

### Title of Intervention

1. Assessment of Groundnut varieties
2. Assessment of Areca nut -French bean intercropping system for high Soil fertility and higher income
3. Assessment of Red gram: Green gram (1:4) as a intercrop in Mango orchard for climate resilient agriculture
4. Evaluation of Technology for Management of Pomegranate wilt

## Frontline Demonstrations (FLD)

### Title of Intervention

1. Combating drought vulnerability by Aerobic Paddy Cultivation:
2. Addressing Drought Vulnerability by Drought tolerant Ragi ML -365
3. Enhancement of Red gram yield through BRG-4 variety
4. High Yielding variety Arka Prabhat in Papaya
5. Yield Maximization through High density planting of Banana
6. Introduction of Dry land Horticulture crop - Jamoon to mitigate drought
7. Cost effective Eco friendly Management of Fruit fly through Pheromone Traps in Mango
8. Management of Mango Stem Borer by Sealer cum Healer
9. Demonstration on Mango Harvester, Ripening Chamber and Packing
10. Popularization of Seedpro – A Microbial Plant growth promoter against Soil borne pathogens in Solanaceous Vegetable Crops
11. Bio- intensive Management Brinjal Shoot and Fruit borer
12. Arka Rakshak F1 resistant to leaf curl, Bacterial Wilt and early leaf blight in Tomato
13. Seed production Technique in French bean Var. Arka Suvidha
14. Use of Polythene mulch in Tomato
15. Arka Microbial Consortium for Tomato production
16. Management of nut splitting in Arecanut
17. Branding and Labeling of Value added products for Ragi (EDP)

## Technological Products for Sale at KVK, Hirehalli

Sl. No.	Particulars	Price per Kg (Rs.)
1	<b>Seeds</b>	
	Ragi ML-365	40
	Chilli	1500
	Tomato	2000
	Brinjal	1200
	Frenchbean	180
	Cowpea	150
	Okra	400
	Amaranthus	400
	Onion	1000
	Pumpkin	600
	Ridgegourd	800
	Vegetable Seed Kit	100
	Drumstick	2500
Papaya	100000	
2	<b>Seedlings</b>	
	Arecanut seedlings	15/seedling
	Amla seedlings	25/seedling
	Coconut seedlings	80/seedling
	Tulsi seedlings	10/seedling
	Aloevera seedlings	10/seedling
	Stevea seedlings	10/seedling
	Jamoon seedlings	35/seedling
	Drumstick seedlings	10/seedling
	3	Mushroom spawns(Oyster)
4	Fruit Fly Trap ( Mango, Annona, Guava-with 3 lures)	55/Unit
5	Banana Special (Micro nutrients)- Nutrient Formulation for Foliar Spray for <b>Banana</b>	150
6	Mango Special (Micro nutrients)- Nutrient Formulation for Foliar Spray for <b>Mango</b>	150
7	Citrus Special (Micro nutrients)- Nutrient Formulation for Foliar Spray for <b>Citrus</b>	150
8	Vegetable special (Micro nutrients)	125
9	Arka Microbial Consortium (Bio Fertilizer)	75
10	Vesicular Arbuscular Mycorrhiza-Bio-fertilizer	60
11	Neem Soap (Bio Pesticide) - An Organic Formulation for Insect Pest Management in Horticultural Crops	125
12	Pongamia Soap (Bio Pesticide) -An Organic Formulation for Insect Pest Management in Horticultural Crops	100
13	Sealer cum Healer (Mango stem borer control)	100
14	Amla Candy	250
15	Amla Juice	100/Litre
16	Amla Supari	250
17	Ragi Malt	150

**Farmers May Call Toll Free Number 1551  
for any enquiry on Agricultural/Horticultural  
Field Problems**

### Book Post

To,

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

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Published by : **Dr. C.K.Narayana**, Director, IIHR, Hessaraghatta, Bengaluru-560 089.  
Chief Editor : **Dr. N. Loganandhan**, Programme Co-ordinator, KVK, Hirehalli, Tumkur-572168.  
Editors : **K.N.Jagadish, Prashanth J.M., Ramesh P.R., Hanumanthe Gowda B. Radha R. Banakar, Dr. Somashekar**, Subject Matter Specialists, **Shashidhara K.N.**, Programme Assistant, KVK, Hirehalli.  
Designed by : **Jyoti Appu Naik**, Programme Assistant (Computer)

For Further details contact : The Director, IIHR, Hessaraghatta, Bengaluru-89. Ph : 080-28466420-23  
Programme Co-ordinator, KVK, Hirehalli, Tumkur-572168. Phone : +91-0816-2243175 Fax : +91-0816-2243177  
E-mail : iihrvk@gmail.com Website : <http://www.iihr.ernet.in>