

## 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        |
|         | Stevia seedlings   | 10/seedling        |
| 3       | <b>Mushroom spawns(Oyster)</b>   | 55                 |
| 4       | <b>Fruit Fly Trap (Mango, Annona, Guava-with 3 lures)</b>  | 55/Unit            |
| 5       | <b>Banana Special (Micro nutrients)- Nutrient Formulation for Foliar Spray for Banana</b>                            | 150                |
| 6       | <b>Mango Special (Micro nutrients)- Nutrient Formulation for Foliar Spray for Mango</b>                              | 150                |
| 7       | <b>Citrus Special (Micro nutrients)- Nutrient Formulation for Foliar Spray for Citrus</b>                            | 150                |
| 8       | <b>Vegetable special (Micro nutrients)</b>   | 125                |
| 9       | <b>Arka Microbial Consortium (Bio Fertilizer)</b>  | 75                 |
| 10      | <b>Azospirillum (Bacteria) Bio-fertilizer</b>  | 75                 |
| 11      | <b>Azobacter (Bacteria) Bio-fertilizer</b>   | 75                 |
| 12      | <b>PSB (Phosphate Solubilising Bacteria) Bio-fertilizer</b>  | 75                 |
| 13      | <b>VAM</b>   | 60                 |
| 14      | <b>Neem Soap (Bio Pesticide) - An Organic Formulation for Insect Pest Management in Horticultural Crops</b>          | 125                |
| 15      | <b>Pongamia Soap (Bio Pesticide) - An Organic Formulation for Insect Pest Management in Horticultural Crops</b>      | 100                |
| 16      | <b>Sealer cum Healer (Mango stem borer control)</b>  | 100                |
| 17      | <b>Trichorich-N An Organic Formulation for Fungal and Nematode Disease Complex in Horticultural Crops</b>            | 100                |
| 18      | <b>Pseudomonas fluorescens-An Organic Formulation for Fungal and Nematode Disease Complex in Horticultural Crops</b> | 125                |
| 19      | <b>Amla Candy</b>  | 250                |
| 20      | <b>Amla Juice</b>  | 100/Litre          |
| 21      | <b>Amla Supari</b>   | 250                |
| 22      | <b>Ragi Malt</b>   | 150                |
| 23      | <b>Arecanut Plate</b>  | 1.5                |

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## Visitor

- Sri M.K.Shankaralinge Gowda, Principal Secretary Horticulture, A.H & Fisheries, Govt. of Karnataka
- Dr. N.T. Yaduraju, ICRIASAT, Hyderabad, Andhra Pradesh



**Mass Media** : Vijaya Karnataka Visited KVK, Hirehalli on 28<sup>th</sup> August 2013



## Human Resource Development

- Ramesh P.R., SMS (Soil Science) attended training programme on Arka Microbial Consortium and Foliar nutrition spray – Mango & Citrus Special during the month of August & September.
- Kum. Jyoti Appu Naik, Prog. Asst.(Computer) Participated in Training Programme on "Enhancement of Programming Skill Development" held at Directorate of Extension, UAS, Dharwad from 18<sup>th</sup> - 31<sup>st</sup> August 2013.



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

## Book Post

To, \_\_\_\_\_  
 Mr./Mrs./Dr. \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

# KRISHI VIGYAN KENDRA, HIREHALLI

## INDIAN INSTITUTE OF HORTICULTURAL RESEARCH

### TUMKUR -572 104, KARNATAKA

# NEWS LETTER

July - September 2013

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## Fourth Scientific Advisory Committee (SAC) meeting of KVK, Hirehalli

Fourth SAC meeting of Krishi Vigyan Kendra, Hirehalli was held on 30<sup>th</sup> September 2013. Dr. R.Chithiraihevan, Director I/C, Indian Institute of Horticultural Research (IIHR), Bangalore, participated as Chairman of the SAC. In his presidential address, he appreciated the initiatives and efforts taken by the faculty of KVK in overall development and dissemination of the need based technologies for the benefit of district farming community.

Dr. N. Loganandhan, Programme Coordinator presented in brief the work done report for the year 2012-13 and also technical programme for the year 2013-14. During the presentation, Programme Coordinator gave brief introduction about the KVK, On Farm Trials (OFTs) and Front Line Demonstrations (FLDs) of the KVK for the year 2012-13. He later presented about the Seed and Planting Material Production during the previous year (2012-13) and the developmental work taken at KVK. Finally he discussed the Technical Programme of the year 2013-14.

Then individual SMSs were asked to present technical programmes implemented during previous year (2012-13) and current year (2013-14) with regard to OFTs, FLDs and externally funded projects.

On the occasion, News letter (April 2012 to March 2013) of KVK Hirehalli was released by Dr. R. Chithiraihevan. New product Arka Microbial Consortium was released by Dr. Abraham Verghese, Director, NBAIT, Bangalore. Technical folder on Arka Microbial Consortium was released by Dr. A.B. Patil, Director of Extension, UHS, Bagalkote and Technical folder on Processing of fruits and vegetables by Dr. Srinivas Reddy, Principal Scientist, ZPD, Bangalore. The Director in his remarks, lauded the accomplishments of KVK in transferring the need based technologies to the farming community of Tumkur and the support extended by the host institute for overall development of the Kendra. Dr. A.B. Patil, Director of Extension, University of Horticultural Science, Bagalkote suggested to follow the standards set by ICAR for compilation of results related to On-farm testing and Front line demonstrations. During the meeting, officials from IIHR Bangalore and different ICAR institutes, Line departments, NGOs, NABARD, Lead Bank and Progressive farmers offered their valuable suggestions for effective implementations of various programmes in the ensuing season. On the occasion, exhibitions depicting different technological products of KVK were displayed. A total of 62 official and non-official members, special invitees and progressive farmers and all KVK Staff participated in the meeting.



## Parthenium Week

16<sup>th</sup> - 22<sup>nd</sup> August 2013 Parthenium Awareness Programme at KVK (IIHR), Hirehalli, Tumkur



Krishi Vigyan Kendra, Hirehalli organized a Parthenium Awareness Programme at the campus during 16-22 Aug. 2013. Dr. N.Loganandhan, Programme Co-ordinator and his team participated in the programme. Programme Co-ordinator addressed the staff about the Parthenium Awareness Week. He appealed to all the participants to manage Parthenium by the available methods and make their surroundings Parthenium free. Subject Matter Specialists of the KVK, Viz., K.N.Jagadish, J.M.Prasanth, Dr. Somashekar also shared their knowledge on II-effects of the weed and its control measures. They also urged to make compost from Parthenium which can be utilized for better crop production and biological control of Parthenium by a host- specific insect available free of cost at UAS-B. They provided disposable gloves for staff and gathered at the entrance of KVK Campus along with few farmers to uproot Parthenium. All the staff members took active part in uprooting Parthenium and the surroundings were cleared from Parthenium.

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Krishi Vigyan Kendra, Hirehalli, Tumkur

## Celebration of Independence Day

66<sup>th</sup> Independence day was celebrated at KVK, Hirehalli on 15<sup>th</sup> August 2013. Dr. Loganandhan, Programme Coordinator KVK, hosted the flag in the presence of all KVK and CHES staff members.



## Transfer of Technology

### Technology Assessment - On Farm Testing (OFTs)

| Thematic Area                  | Title of the Technology Assessed   |
|--------------------------------|--|
| Varietal Evaluation            | Assessment of Groundnut varieties  |
| Integrated Nutrient Management | Assessment of Areca nut -French bean intercropping system for high soil fertility and higher income      |
| Integrated Nutrient Management | Assessment of Redgram:Greengram (1:4) as an intercrop in Mango orchard for climate resilient agriculture |

## Front Line Demonstration (FLDs)

| Category   | Technology Demonstrated  |
|------------|--|
| Cereals    | Combating Drought Vulnerability by Aerobic Paddy Cultivation   |
| Pulses     | Enhancement of Red gram yield through demonstration of BRG-1   |
| Millets    | Addressing Drought Vulnerability by Drought tolerant Ragi ML-365   |
| Vegetables | Popularization of seedpro<br>Eco-friendly management of Brinjal shoot and fruit borer<br>Triple disease resistant hybrid Arka Rakshak F1 - Tomato<br>Water Saving and Weed Control through Poly mulching technology in Tomato production<br>Cost effective Arka Microbial consortium for Tomato production<br>Seed production of French bean                     |
| Fruits     | Demonstration of Bacterial wilt resistant in Brinjal<br>Popularization of High yielding variety Arka Prabath in Papaya<br>Maximization of yield through high density planting of Banana<br>Introduction of Dry Land Horticulture Crop - Jamoon<br>Management of Mango Stem Borer by Sealer cum Healer<br>Use of Pheromone Trap for control of fruit fly in Mango |
| Plantation | Management of Nut splitting in Arecanut<br>Management of Basal stem rot (Ganoderma wilt) in Coconut  |
| Others     | Demonstration on Value Addition, Labeling & Branding of Ragi Products<br>Demonstration on Amla Value Addition, Branding and Market Linkage   |



## ON Campus Trainings

| Sl. No. | Title  | Date       | No. of Participants |
|---------|--|------------|---------------------|
| 1.      | Improved Soil & Water Management   | 06.07.2013 | 28                  |
| 2.      | Modern Cultivation Practices in Horticultural Crops  | 10.07.2013 | 76                  |
| 3.      | Modern Cultivation Practices in Horticultural Crops Integrated Farming System & Group Approach | 17.07.2013 | 41                  |
| 5.      | ICT, Modern Cultivation Practices in Horticultural Crops                                       | 13.08.2013 | 38                  |
| 6.      | IFS & Soil Health  | 14.08.2013 | 19                  |
| 7.      | Dry Land Horticulture and Integrated Farming System  | 14.08.2013 | 58                  |
| 8.      | Group Approach and Integrated Farming System   | 16.08.2013 | 27                  |
| 9.      | Role of KVK in Farmer Sustainable Agriculture Development towards IFS                          | 23.08.2013 | 28                  |
| 10.     | Climate Change & NICRA   | 24.08.2013 | 14                  |
| 11.     | ICT and Potential Varieties of IIHR in Horticultural Crop                                      | 24.08.2013 | 18                  |
| 12.     | Use of ICT and Value addition in Horticultural Crops   | 28.08.2013 | 30                  |
| 13.     | Processing and Value Addition to Ragi  | 07.09.2013 | 24                  |
| 14.     | Mushroom Cultivation, Amla Processing & Value Addition   | 12.09.2013 | 44                  |
| 15.     | Use of Arka Microbial Consortium for sustainable Agriculture Production                        | 17.09.2013 | 46                  |
| 16.     | Group Dynamics and Information Communication Technology for Agri Entrepreneurs of Assam State  | 24.09.2013 | 18                  |

## OFF Campus Trainings

| Sl. No. | Title  | Place                       | Date       | No. of Participants |
|---------|--|-----------------------------|------------|---------------------|
| 1.      | Medicinal Plants Cultivation                     | Govt. High School, Nijagalu |            | 64                  |
| 2.      | Water Management and Dry Land Horticulture Crops | Koragera                    | 05.08.2013 | 53                  |
| 3.      | Fruit Crop Production Technology                 | KSDA                        |            | 44                  |

## Vocational Training Programme on 'COCONUT CLIMBING AND INTEGRATED PEST MANAGEMENT'

To develop a professional group of youth for harvesting and plant protection operations in coconut, our Krishi Vigyan Kendra (IIHR), has organized a Vocational Training programme - Coconut Friends - on 31<sup>st</sup> July 2013 to 5<sup>th</sup> August 2013. The programme was inaugurated by Dr.L.B.Naik, Former Programme Co-ordinator, KVK, Hirehalli, Tumkur. Representatives from DBT Tumkur addressed about the departmental schemes along with a member from coconut growers association, Tumkur. During the day, all the staff members participated in inauguration programme. The Vocational Training programme was sponsored by Coconut Development Board, Bangalore.

The content of this training programme included horticultural practices, selection of mother palm, integrated nutrient management, integrated pest and disease management etc. The detailed skill oriented professional climbing classes were conducted and roof feeding with different chemicals were also practiced.

Coconut Tree Climbers were taken to a farm of Sri .T.R.Vijayakumar, Krishi Pandit Awardee at Thovinakere, Tumkur District. They had an opportunity to see different lines of coconut trees across the country and technology disseminated by KVK Hirehalli at his farm. For coconut tree climbers a competition on tree climbing was organized at KVK Hirehalli. Mr. Dharmaraj (First Prize Rs. 500), Mr. Yatish (Second Prize Rs. 300) and Mr. Vishwanath (Third Prize Rs. 200) were the winners respectively. Finally theory test was also conducted for participants and their opinion about the vocational training programme was collected.

Valedictory function was held on 5<sup>th</sup> August, 2013 in presence of Sri Kumar Nagaraj, GB Member, ICAR New Delhi and Dr. N.Loganandhan, Programme Co-ordinator, KVK, Hirehalli. On that occasion coconut tree climbing equipments were distributed to all twenty participants.

The task force on climbing coconut trees will be formed to cater the needs of coconut farmers who are facing acute shortage of labourers especially for harvesting.



## Field Visits



DFV Brinjal Field Visit

Arka Isha Field Visit

## Exhibition

K.N.Jagadish and Ramesh P.R., Krishi Vigyan Kendra (IIHR), Hirehalli participated in AGRI INTEX - 2013 Exhibition held on 11<sup>th</sup> to 14<sup>th</sup> July, 2013 at CODISSIA Trade Fair Complex, Coimbatore.



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Krishi Vigyan Kendra, Hirehalli, Tumkur

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