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ANDHRA PRADESH HORTICULTURAL UNIVERSITY

Venkataramannagudem, West Godavari District - 534 101, Andhra Pradesh

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“Specialty Cut Flower” – A glance

Environmentally sound production techniques, increased farm diversification, and increased farm income are basic parts of sustainable farming systems. Specialty cut flower production and marketing offers both small- and large-scale growers a way to increase the level of sustainability on their farms. The tremendous variety of plants that can be grown as cut flowers allows growers to choose those which are well-adapted to the farm site and grown without large offsite inputs. This variety also makes diversity in both production and marketing possible. And the high value of specialty cut flowers can increase farm income.

The phrase “specialty cut flower” originally referred to all species other than carnations, chrysanthemums, and roses. As recently as 1986, these three cut flower species, plus gladiolus, accounted for more than 80 percent of total cut flower production. Since then, specialty cut flowers have become the most important part of the cut flower industry. The combined production of carnations, chrysanthemums, and roses was \$78 million, representing only 15 percent of total cut flower and foliage production. In contrast, specialty cut production totaled \$443 million. Cut lilies, once a relatively minor greenhouse cut flower, have replaced roses as the most important domestically produced cut flower. Leatherleaf fern, gerbera, gladiolus, and tulips are the remainder of the top five specialty cuts.

As specialty cut flowers become more important to the floral industry, growers are finding that these flowers make it easier to compete with imported products. Flowers that don't ship well or can't handle long intervals in a box can be picked by a local grower in the morning and be in a shopper's house that afternoon. Specialty cuts can be grown as annuals or perennials, from seeds, plugs, or bulbs. They include woody plants from which flowers, stems, fruits, or foliage are harvested. They can be grown in the field, in unheated hoopouses, and in heated greenhouses. By producing unusual, high quality flowers, using proper postharvest handling techniques, and by providing excellent service, growers can continue to expand markets for specialty cuts.

Important points to be considered

Ease of cultivation. Ease of handling. Color. Fragrance. Vase life. Stem length. Local growing conditions. Flowering season. Flowers for building mixed bouquets. Demand. Think especially about the market where you want to sell cut flowers.

(C.V.S.K. Sarma)
VICE-CHANCELLOR



NEWS & EVENTS

Dr.K.Purushotham, Director of Research is acting as Registrar i/c. w.e.f. 03.06.2011 Dr.B.Srinivasulu, Controller of Examinations is acting as Comptroller i/c. w.e.f. 01.06.2011.

Board of Faculty for UG & PG studies of APHU

The 2nd Board of Faculty for UG and PG studies of APHU was conducted on 7th June, 2011 at Conference Hall, S.V.Agricultural College, Tirupathi and discussed the Agenda on Academic matters. The resolutions made were placed before the Academic Council Meeting. The meeting chaired by Dr.K.Hari Babu, Dean of



Horticulture i/c. and Dr.B.Srinivasulu, Controller of Examinations acted as Member Secretary.

8th Academic Council Meeting of APHU

The 8th Academic Council Meeting of APHU was conducted on 9th June, 2011 at Conference Hall, S.V.Agricultural College, Tirupathi and discussed the Agenda on Academic matters. The meeting Chaired by Dr.K.Hari Babu, Dean of Horticulture i/c. and Dr.B.Srinivasulu, Controller of Examinations acted as Member Secretary.



4th APHU formation day was celebrated on 26-06-2011 in APHU, Administrative Office, College of Horticulture, Polytechnics and Research Stations.

4th State level technical programme of Horticulture was organized by Andhra Pradesh Horticultural University at Horticulture College & Research Institute, Venkataramannagudem from 13.06.2011 to 16.06.2011, under the Chairmanship of Dr.K.Purushotham, Director of Research.

ZREAC Meeting of Rayalaseema Zone at Tirupati held on 08th April, 2011

The Zonal Research and Extension Advisory Council (ZREAC) meeting of Rayalaseema Zone 2011-2012 (Chittoor, Kadapa, Kurnool, Anantapur, Prakasam and Nellore districts of Andhra Pradesh) was held on 8th April, 2011 at S.V. Veterinary University

Auditorium, Tirupati, Chittoor district. Officers from Department of Horticulture, scientists of APHU, Officers from S.V. Veterinary University, Line departments, progressive farmers from the above mentioned districts have participated in the meetings.



ZREAC Meeting of Telangana Zone at Rajendranagar held on 21st April 2011

The Zonal Research and Extension Advisory Council (ZREAC) meeting of Telangana Zone 2011-2012 (Rangareddy, Hyderabad, Medak, Nalgonda, Mahaboobnagar, Nizamabad, Karimnagar, Adilabad, Khammam and Warangal districts of Andhra Pradesh) was held on 21st April, 2011 at Seminar Hall No.1, ANGRAU University Auditorium, Rajendranagar, Hyderabad. Officers from Department of Horticulture, scientists of APHU, ANGRAU, CRIDA, Officers from ANGRAU, Officers of Line departments and progressive farmers from the Telangana districts have participated in the meeting.

EDUCATION

141 No. of students of B.Sc. (Hons.) Horticulture are selected from ICAR JRF. College wise details are College of Horticulture, Anantharajupet 27, College of Horticulture, Mojerla 33, College of Horticulture, Rajendranagar 42 and College of Horticulture, Venkataramannagudem 39.

SKPP HP, Ramachandrapuram

M/s. A.P. Paper Mills Ltd., Rajahmundry selected 6 candidates from SKPP Horticultural Polytechnic, Ramachandrapuram in campus interview held on 14.04.2011.

M/s. Navabharat Oil Palm Company Ltd., Jangareddygudem, West Godavari District conducted campus interviews in SKPP Horticultural Polytechnic, Ramachandrapuram on 18.05.2011 and selected 8 candidates.

COH, Rajendranagar

NSS special camp organized by COH, Rajendranagar

NSS special camp for the year 2010-11 was organized from 28.4.2011 to 4.5.2011 at Kavvaguda village, Shamshabad Mandal, by NSS unit of College of Horticulture, Rajendranagar, Hyderabad. NSS special camp was conducted for seven days with 61 students of IV year B.Sc. (Hons.) Horticulture.

SSPG HP, Madakasira

NSS activity organized by SSPG HP Madakasira





50 NSS Volunteers & NSS Programme Officer and staff of SSPG Horticulture Polytechnic involved for 6 hours
 Plantation Programme: 40 Neerium, 8 Allamanda and 6 fruit saplings have been transplanted

COH, Mojerla

About 44 students of final year have completed their B.Sc. (Hons.) Horticulture degree programme and were issued transfer and study & conduct certificates from the college.

Three students of 2007 batch got 24, 25 and 54th ranks and were awarded ICAR JRF for pursuing their P.G. and 14 more students got seats in non-JRF quota in different State Horticultural Universities.

Dr.B.R.Ambedkar's Birthday was celebrated at College of Horticulture, Mojerla on 14th April, 2011.

RESEARCH

HRS, Ambajipeta

Dr. N. Emmanuel, Scientist, HRS., Ambajipeta has identified the fungus, *Fusarium solani* as an entomo-pathogenic to the coconut defoliator pest, Bagworm *Pteroma Plagiophelps*, and the toxicity tests revealed that *Fusarium solani* spore suspension resulted in 100 per cent mortality against the Bagworm [*Pteroma Plagiophelps*], Papaya Mealy bug [*Paracoccus marginatus*], Tomato Mealy bug [*Phenococcus solani*] and Hairy Caterpillars [*Lymantria obfuscata*, *Euproctis subnotata* & *Euproctis fraterna*]

The entomologists of HRS, Ambajipeta (Dr. N.B.V. Chalapathi Rao and Dr. N. Emmanuel) observed the incidence of *Proutista moesta* (Westwood) in coconut gardens during their regular survey at Annavam (East Godavari District).

HRS, Mahanandi

Horticulture Research Station, Mahanandi is working on different vegetable Crops such as onion, bhendi, tomato, brinjal & turmeric and fruit crops banana and flower crops marigold, jasmine and gladiolus.

VRS, Rajendranagar

Demonstration of Hot water treatment of mango fruits at Fruit Research Station, Sangareddy



The entire protocol was demonstrated with a sample size of 500 kgs. Unblemished mango fruits cv Banganaplli were harvested with 8-10 cm stalk using Dapoli harvesters and Secatures at 8-9^o Brix. The desapped fruits (for one hour) were washed with mild detergent in water. The washed fruits were subjected to Hot water treatment at 52^o C ± 1 for 02 minutes with and without Benomyl treatment. The fruits were treated with 1-MCP and kept in walk in cool chambers maintained at 12.5^o C± 1. The mango fruits were in good condition upto 30 days.

HRS, Peddapuram

Use of Tapioca leaf for Eri culture for Eri cocoon production. V1(S-856) recorded significantly higher tuber number/plant(8.1), yield/ha(25.3t/ha) and starch(27.8%) over V2(Ci-649) and V3 (H-165).

Standardization of fertigation through micro irrigation for Cassava. The treatments ie., irrigation, fertigation and their interactions had significant influence on tuber yield and starch content. Among the irrigation levels the highest tuber number/plant (9.25) was recorded in I₅ (flood irrigation) which is on par with I₄ (8.54) (Irrigation at 100% CPE). Both irrigation and fertigation levels had significantly increased tuber yield. The highest tuber yield (24.55 t/ha) was recorded in I₄ (Fertigation with 100% CPE). Among the fertigation levels F₁ (Fertigation with 100% RDF) recorded maximum tuber yield (21.62 t/ha) which is on par with F₂ (20.43 t/ha; Fertigation with 75% RDF) and F₃ (19.39 t/ha; Fertigation with 50% RDF)

EXTENSION

Rythu sadassu/Rythu Chaitanya Yatra/Kisan Melas

HRS, Peddapuram

S.No.	Date	Scientist Participated	Village & Mandal	Other officers participated	No. of farmers participated	Major crops grown	Topics covered
1	17.5.2011	Dr.G.Ramanandam, Senior Scientist (Hort) & Head	Malam	Line Department Officers	308	Vegetables	vegetable and tapioca cultivation practices
2	18.5.2011	Dr.G.Ramanandam, Senior Scientist (Hort) & Head	Singampalli and Nallimalli	Line Department Officers Hon'ble MLA, Anaparty Shri N. Shesha Reddy	268	Mango, Cashew, Oil Palm	management practices for Mango, Cashew, Oil palm and tapioca cultivation practices
3	20.5.2011	Dr.G.Ramanandam, Senior Scientist (Hort) & Head	Kattamura and J.Thimmapuram	Line Department Officers	210	Mango, Cashew, Oil Palm	management practices for Mango, Cashew, Oil palm and tapioca cultivation practices





S.No.	Date	Scientist Participated	Village & Mandal	Other officers participated	No. of farmers participated	Major crops grown	Topics covered
4	25.5.2011	Dr.G.Ramanandam, Senior Scientist (Hort) & Head	Anuru and Anuru Kotturu	Line Department Officers	152	Mango, Cashew, Oil Palm	management practices for Mango, Cashew, Oil palm and tapioca cultivation practices
5	26.5.2011	Dr.G.Ramanandam, Senior Scientist (Hort) & Head	Kondapalli and Valu Thimmapuram	Line Department Officers	184	Mango, Cashew, Oil Palm	management practices for Mango, Cashew, Oil palm and tapioca cultivation practices
6	2.6.2011	Dr.G.Ramanandam, Senior Scientist (Hort) & Head	Peddapuram	Line Department Officers	151	Tapioca	Tapioca cultivation practices and clarified the queries
7	7.6.2011	Dr.G.Ramanandam, Senior Scientist (Hort) & Head	Pithapuram	Department of Agriculture, Kakinada			Farmer's Scientist interaction and clered field level problems in the cultivation of cassava and other Horticultural crops
8	8.6.2011	Dr.G.Ramanandam, Senior Scientist (Hort) & Head	Kirlampudi	Department of Agriculture, Kakinada			Farmer's Scientist interaction and clered field level problems in the cultivation of cassava and other Horticultural crops
9	2.4.2011	Dr.G.Ramanandam, Senior Scientist (Hort) & Head	Andhra Pradesh Rice Research Institute and RARS, Maruteru				Cassava production technology and value added products
10	7.6.2011	Dr.G.Ramanandam, Senior Scientist (Hort) & Head	Pithapuram				Cassava cultivation and value addition
11	8.6.2011	Dr.G.Ramanandam, Senior Scientist (Hort) & Head	Kirlampudi				Cassava cultivation and value addition

KVK, Venkataramannagudem

S.No.	Date	Scientist Participated	Village & Mandal	Other officers participated	No. of farmers participated	Major crops grown	Topics covered
1	17/05/11	Dr. E. Karuna Sree, PC & Sri. N. Veerabhadra Rao, SMS (Fisheries)	Ravulaparru, Donthavaram, (Ungutur)	DDA, ADA, AO, Veterinary Doctor and other line department officials	75	Paddy, Fisheries & Animal husbandry	Package of paddy practices, BMP in fisheries and Animal husbandry
	17/05/11	Dr. K. Vijay Prakash, SMS (Vety. Sci.) & Smt. P. Chandana, SMS (Horti.)	Bangarugudem, Veerampalem (Tadepalligudem) G. Kondepadu, Minavalluru, (Pentapadu)	MLA, T P Gudem and Other line department officials	123	Horticulture, Animal husbandry & paddy	Problems discussed about Horticulture, Agriculture & allied crops
	17/05/11	Sri. J. Radha Krishna, SMS (Soil Sci. Agril. Chem.)	Telikicherla	Other line department officials	35	Agriculture, Horticulture crops & Animal husbandry	Package of paddy and subsidies regarding Horticulture crops
2	18/05/11	Dr. K. Vijay Prakash, SMS (Vety. Sci.) & Sri. J. Radha Krishna, SMS (Soil Sci. Agril. Chem.)	Kommugudem, Neeladripuram	MLA, T P Gudem and Other line department officials	55	Agricultural crops & Animal husbandry	Problems discussed about Agriculture & allied crops
3	20/05/11	Dr. K. Vijay Prakash, SMS (Vety. Sci.) & Smt. P. Chandana, SMS (Horti.)	Ramannagudem, Jaggannapeta	MLA, T P Gudem and Other line department officials	63	Horticulture, Animal husbandry & paddy	Problems & packages, discussed about Horticulture, Agriculture & allied crops





S.No.	Date	Scientist Participated	Village & Mandal	Other officers participated	No. of farmers participated	Major crops grown	Topics covered
4	21/05/11	Dr. E. Karuna Sree, PC & Sri. N. Veerabhadra Rao, SMS (Fisheries)	Ungutur	ADA, Animal husbandry & other Line department officials	32	Paddy, Fisheries & Animal husbandry	Problems & Package of paddy practices, BMP in fisheries and Animal husbandry
5	23/05/11	Sri. N. Veerabhadra Rao, SMS (Fisheries) & Smt.P.Chandana SMS(Hort.)	Vellamilli, Ungutur	Line Department Officials	35	Paddy, Sugar Cane, Fisheries & Animal husbandry	Problems discussed about Paddy, Sugar cane, fodder grasses, Animal husbandry & Fisheries
	23/05/11	Dr. K. Vijay Prakash, SMS (Vety. Sci.)	Kunchenapalli, Mettupungunduru, Modugagunta, Venkatarao palem, Apparao pet (T.P. Gudem) Mandal	MLA, T P Gudem and Other line department officials	155	Paddy, Sugar cane Horticulture, Animal husbandry & Fisheries	Problems discussed about Horticulture, Agriculture & allied crops
6	24/05/11	Sri. N. Veerabhadra Rao, SMS (Fisheries) & Smt.P.Chandana SMS(Hort.)	Naraynapuram (Ungutur)	Line Department Officials	38	Paddy, Fisheries & Animal husbandry	Problems discussed about Paddy, fodder grasses, Fisheries & Animal husbandry
7	24/05/11	Dr. K. Vijay Prakash, SMS (Vety. Sci.)	Amudalapalli, China Nindrakolanu (Nidamaru)	Line Department Officials	64	Paddy, Sugar cane Horticulture, Animal husbandry & Fisheries	Problems discussed about Horticulture, Agriculture, Fisheries & Animal husbandry
8	2/06/11	Dr. K. Vijay Prakash, SMS (Vety. Sci.)	Akuthigapadu (Pentapadu Mandal)	DDA, ADA, AO, Veterinary Doctor and other line department officials	43	Paddy, Fisheries & Animal husbandry	Package of paddy practices, BMP in fisheries and Animal husbandry
9	2/06/11	Smt. P. Chandana, SMS (Horti.)	V R Gudem & Pedatadepalli (Tadepalligudem Mandal)	MLA, T P Gudem and Other line department officials	74	Horticulture, Animal husbandry & paddy	Problems discussed about Horticulture, Agriculture & allied crops
10	2/06/11	Dr.E.Karunasree, PC & Sri.N.Veerabhadra Rao SMS[Fisheries]	Apparaopet & Thallapudi	Other line department officials	83	Horticulture, Animal husbandry & paddy	Problems discussed about Horticulture, Agriculture & allied crops

FRS, Sangareddy

S.No.	Date	Name of the scientist	Name of the Village / Mandal	Topic
1	24/5/2011	Sri B. Mahender Scientist(Pl.Path) Dr. D. Anitha Kumari Scientist (Ento) Smt.K.Prabhavathi Scientist (SS & AC)	Isruthabad, Venkatapur/ Sadasivpet, Kalivemula Cherlagudem/ Sangareddy Indrensam Ramashwara banda/ Patancheru	Disease management in Mango Pest management of fruit crops and vegetables Importance of green manure crops in maintaining soil health Management of diseases in vegetables
2	25/5/2011	Sri B. Mahender Scientist(Pl.Path)	Veltur, Mubarakpur, Sadasivpet	Management of diseases in vegetables
3	26/5/2011	Sri B. Mahender Scientist(Pl.Path) Dr. D. Anitha Kumari Scientist (Ento) Smt.K.Prabhavathi Scientist (SS & AC)	Peddapur/ Sadasivpet Gudimalkapur/ Kondapur Arutla, Chidruppa/Sangareddy Chinna Kanjerla, Pedda kanjerla/ Patancheru	Mango production technology, turmeric and ginger crop management Pest management of fruit crops and vegetables Establishment of new mango orchards





S.No.	Date	Name of the scientist	Name of the Village / Mandal	Topic
5	27/5/2011	Sri B. Mahender Scientist(Pl.Path)	Mallepalli Ch Gopularam Kondapur (M)	Mango production technology, turmeric and ginger crop management and pest management of vegetables.
6	31/5/2011	Dr. D. Anitha Kumari Scientist (Ento) Smt.K.Prabhavathi Scientist (SS & AC)	Eddu Mailaram, Sangareddy (M) Ilapur Ilapur (Thanda) Patancheru(M)	Wilt management in Redgram Nutrient Management in Tomato
7	1/6/2011	Dr. D. Anitha Kumari Scientist (Ento) Smt.K.Prabhavathi Scientist (SS & AC)	Kavalampet, Sangareddy Ameenpur, Usikebai Patancheru	Pest management in Mango Pest and disease management in onion
8	2/6/2011	Dr. D. Anitha Kumari Scientist (Ento) Smt.K.Prabhavathi Scientist (SS & AC)	Mamidipally Yerdanur Patancheru	Pest management in Mango Management of tomato nursery

ARI, Rajendranagar

S.No.	Date	Name of the scientist	Name of the Village / Mandal	Topic
1	18.5.2011	Dr. A.Girwani, Senior Scientist(Hort)	Chinna mangalaram, Moinabad mandal, Rangareddy District	Answered to the queries on varieties in tomato and seed availability and pest & disease management in vegetables. Farmers were informed about the availability of flower seed at floriculture scheme, Rajendranagar.
2	25.5.2011	Dr. A.Girwani, Senior Scientist(Hort)	Amdapur(V) Moinabad mandal Rangareddy District	Traditionally vegetables and flowers are cultivated. Asters, Roses, Gailardias and Marigold are cultivated to a maximum extent. The farmers are cultivating local varieties and are interested to replace them with HYV. The farmers were informed about the new varieties in marigold and discussed about the nursery raising technique of F1 hybrids as the seed is very expensive. The seed production at farmer's level was also discussed and informed about the bagging and isolation distances to be maintained.
3	01.06.2011	Dr. A.Girwani, Senior Scientist(Hort)	Kanakamamidi Moinabad mandal, Rangareddy District	Answered to the queries on cultivation of flower crops such as jasmine and chrysanthemum.
		Dr. A.Girwani, Senior Scientist(Hort)	Sajjanpalli, Rangareddy District	About 40 farmers attended the meeting. Discussed about the cultivation of guava and mango. Informed about the cultivation of flowers under poly house
4	18.5.2011	Smt.P.Lalitha Kameswari, Scientist(Hort)	Jukal, Shamshabad mandal, Rangareddy District	Attended the Rythu chaythanya yatra along with the officials of other line departments. About 46 farmers attended the meeting. Most of the farmers are cultivating Jasmine. Interacted with farmers and clarified the doubts regarding pruning and fertilizer application in Jasmine. Information regarding the aster cultivation and marigold cultivation was delivered to the farmers.
5	20.5.2011	Smt.P.Lalitha Kameswari, Scientist(Hort)	Solipet, Shabad mandal, Rangareddy District	About 40 farmers attended the meeting. Traditionally vegetables and flowers are cultivated. Most of the farmers are cultivating vegetables and flowers like roses, marigold and Jasmine. Discussions were made with farmers regarding plant protection measures in marigold and jasmine. In jasmine mostly they asked queries regarding the mite infestation.
		Smt.P.Lalitha Kameswari, Scientist(Hort)	Peddashapur(V) Shamshabad Mandal, Rangareddy District	About 45 farmers attended the meeting. Most of the area in the village was covered by Jasmine and marigold. In kharif season some farmers are cultivating chrysanthemum also. They asked the availability of plant material at Floriculture scheme. Interacted with the farmers about cultivation of asters and filler crops. Clarified the doubts about the poly house cultivation of gerberas.





HRS, Lam

Dr.P.Venkata Reddy, Principal Scientist (Hort), Dr.S.Surya Kumari, Senior Scientist (Hort), Dr.C.Venkata Ramana, Scientist (Hort), Smt. P.Vijaya Lakshmi, Scientist (Ento)attended Rythusadassu on chillies at Guntur organized by Dept of Horticulture on 26-5-2011

HRS, Ambajipeta

Dr. A.V.D.Dorajee Rao participated in Rythu Chaitanya Yatra held at Pulletikurru on 05-04-11.



Dr. A.V.D.Dorajee Rao participated in Rythu Chaitanya Yatra held at Bandarulanka on 21-04-11

Dr. A. Snehalatha Rani participated in Kisan Mela at Maruteru organized by ANGRAU.

Dr. A. Snehalatha Rani explaining the important package of practices and coconut varieties released by HRS, Ambajipeta to the Hon'ble Minister of BC Welfare Sri. Pitani Satyanarana garu and other farmers in Kisan Mela at Maruteru organized by ANGRAU. Smt. M. Kalpana participated in Rythu Chaitanya Yatra held at Sakurru on 27-05-11

VRS, Rajendranagar

Dr.R.V.S.K.Reddy, Principal Scientist (H) attended AREAC meeting of Coastal zone at Tadepalligudem on 24-03-2011 as resource person on Vegetables organized by APHU.

Dr.R.V.S.K.Reddy, Principal Scientist (H) attended stock verification of HRS, Mallepally on 30-3-2011 as per the instructions of Director of Research, APHU.

Dr. M. Vijaya, Principal Scientist (P.P) as nominee of Director of Research, APHU, attended the opening of tenders for Atomic absorption Spectrophotometer under ICAR 2010-11 on 8-4-2011 at Grape Research Station, Rajendranagar, Hyderabad

Scientists of Vegetable Research station attended ZREAC meeting at University Auditorium, Rajendranagar, Hyderabad on 21st April 2011.

Dr.R.V.S.K.Reddy, Principal Scientist (H) attended ZREAC meetings of Rayalaseema zone on 8-4-2011 at Tirupati as resource person on vegetables.

Dr. Dilip Babu, Dr.R.V.S.K Reddy, Dr.Hameedunnissa Begum and Dr.M.Thirupathi Reddy attended GI meeting on Banganpalli Mango at Commissionare of Horticulture on 1st May 2011.

Dr.R.V.S.K.Reddy, Principal Scientist (H) attended "GI on Mango" meeting at Commissionerate of Horticulture on 02-05-2011.

Scientists of Vegetable Research station attended State Level Technical Programme for the year 2010-2011 at Venkatarammanagudem from 13-16th May 2011.

Dr. R.V.S.K Reddy, Principal Scientist (H) as a nominee of Director of Research, APHU attended Brain storming session on "Technology policy on GM crops: The role of Government" conducted by ANGRAU at Teachers Home, Boiguda on 1st June,2011.

VRS, Rajendranagar

Dr. M. Vijaya, Principal Scientist (P.P) attended Rytu sadassu at Ibrahimpatnam, Rangareddy District on 7-6-2011.

Dr. B.K.M. Lakshmi, Scientist (P.P) attended Rytu sadassu at Sadasivpet, Medak District on 7-6-2011.

Dr. M.Thirupathi Reddy, Scientist (Hort) attended Rytu sadassu at Siddipet, Medak District on 9-6-2011.

Dr.R.V.S.K.Reddy, Principal Scientist (H) attended Rytu sadassu at Suryapet Nalgonda District on 10-6-2011.

Dr.K.Dhanumjaya Rao, Senior Scientist (H) attended Rytu sadassu at Bhongiri, Nalgonda District on 11-6-2011.

Smt. Veena Joshi, Scientist (H) attended Rytu sadassu at Narsapur, Medak District on 11-6-2011.

HRS, Kovvur

Dr.B.V.K.Bhagavan., Senior Scientist (Hort) & Head and Dr.M.Mutyala Naidu, Scientist (Hort) participated in Kisan Mela at RARS, Maruteru, West Godavari district on 2.4.2011.

Dr.B.V.K.Bhagavan., Senior Scientist (Hort) & Head participated in revenue division wise Rythusadassus on 7.6.2011 &8.6.2011 at Palakol and Tanuku respectively.

Dr.B.V.K.Bhagavan., Senior Scientist (Hort) and Dr. M.Mutyala Naidu, Scientist(Hort) HRS,Kovvur participated in Rythu sadassu at KR Puram on 10.6.2011.

Dr.B.V.K.Bhagavan, Senior Scientist (Hort) & Head participated as crop specialist in ZREAC- Telangana Zone, Hyderabad on 2.4.2011.On 21st & 22nd April 2011.

Dr.B.V.K.Bhagavan, Senior Scientist (Hort) & Head surveyed for colnal selections at Bangarmpallayam of Chittore district on28.4.2011 and in Ananthapur district on 29 & 30th April 2011.

Dr.M.Mutyala Naidu Scientist (Hort) and Smt R.Nagalakshmi Scientist (Hort) participated in the Subdivision wise action plan of West Godavari district on 2nd , 19th&23rd April, 2011..

Dr. B. V. K. Bhagavan, Senior Scientist (Hort.) and fellow scientists of HRS-Kovvur attended Rythu Chaitanya Yatras at Kovvuru, Chagallu, Tallpudi, Gopalapuram and Deverapalli mandals from May 17th to June 2nd 2011.

Dr.M.Mutayala Naidu,Scientist (Hort) inspected nurseries located at Kadiyapu lanka as committee member for procurement of grafts under DWMA on 23rd and 24th May 2011.

Dr.B.V.K.Bhagavan, Senior Scientist &Head ,HRS, Kovvur inspected SHM schemes as member in JIT(Joint Inspection Team) at Srikakulam, Khammam and Guntur districts from 27.6.2011 to 29.6.2011.

VISITORS



Hon'bel minister of Stamps and Registration, T.Narasimham visited the Exhibition stall of APHU HRS, Pandirimamidi



Study tour to Maharashtra and Gujarat states to Palmyra Neera processing with Hon'ble Minister and Member of Legislative Assembly.

HRS, Ambajipeta

Dr. K. Muralidharan, Director, CDB, Cochi visited HRS., Ambajipeta and reviewed the ongoing research work carried out under CDB





Adhoc projects on 9.6.2011.

HRS, Aswaraopet

National Horticultural Mission Team visited H.R.S.Aswaraopet on 29-06-2011.



HRS, Kovvur

Dr. Kulwal Ex Dean, Dr.Panjabarao Deshmukh Krishi Vidyapeeth, Akola and REC member, NRC Oil palm visited HRS, Kovvur on 28.6.2011.



VRS, Rajendranagar

Dr A. K Goel along with the CCPIs of naip and scientists visited one of the NAIP mango orchard farmer, Vijaya Bhasker Reddy

FRS, Sangareddy

9-5-2011 Students of Horticulture College, Bidar and Horticulture Polytechnic, Adilabad visited Fruit Research Station, Sangareddy. Sri.B.Ramesh Babu Scientist (Hort) gave orientation class regarding the farm (FRS) and Smt K.Prabhavathi Scientist(SSAC) gave lecture on suitability of soils to different fruit crops.

HUMAN RESOURCE DEVELOPMENT

PROGRAMMES CONDUCTED

KVK, Venkataramannagudem

Two days on campus training programme to rural youth (Female) in utilization of tractor and farm implements in agricultural including tractor driving on 01.04.2011 & 02.04.2011.



Training programme on management of fruit borer in Mango at village Dhubacherla, Mandal Nallajerla on 28.4.2011

One day off campus training programme on pests and disease management in oil palm with special reference to Bagworm and Leaf eating caterpillar on 30.4.2011.



Training -Two days Training to the Farmers on Soil Test Based Fertilizer Application [Soil Health Management] was conducted in the Jelugumalli & Denduluru Villages and Distribution of Soil Health Cards on 13.06.2011 & 21.06.2011.



Training - Two days Training to the Farmers on Importance, Multiplication & Application of Biofertilizers in Agriculture was conducted in the Chinthalapudi, Bhimadole, and Jangareddygudem respectively on 15.06.2011, 22.06.2011 & 23.06.2011:

Training Programme on Management practices of new mango orchards in T.Gangannagudem village of Jeelugumilli mandal on 28.06.2011.



KVK, Pandirimamidi

A three days training programme on advances in Cashew and Mango production technology was conducted from 19-04-2011 to 21-04-2011 for Horticultural Officers, Para workers of ITDA and Creators(NGO)



field staff at Krishi Vigyan Kendra, Pandirimamidi sponsored by ITDA Rampachodavaram.

Dr.A.Srinivas, Programme Coordinator Sri V.Govardhan Rao, SMS (Plant Pathology) Inauguration of Training Programme Explaining pests and diseases in Cashew & Mango



On 05-05-2011 conducted veterinary health camp at Bandapalli village of Rampachodvaram manda KVK adapted village in association with Department of Veterinary, Rampachodavaram.



On 10-05-2011 conducted one day off campus training programme on collection of soil samples at Bandapalli, KVK adopted village of Rampachodavaram mandal.



On 11-05-2011 conducted one day off campus training programme on Azolla production technology at Bullojipalem village of Y-Ramavaram mandal.



On 21-06-2011 conducted one day training programme cum field demonstration on Cashew Rejuvenation at ITDA, Rampachodavaram in association with ITDA Rampachodavaram.



PROGRAMMES PARTICIPATED

HRS, Ambajipeta

Smt. M. Kalpana participated in technical advisory committee meeting at CDB, Vegivada as Resource Person on 08-06-11

HRS, Pandirimamidi

Dr.K.Rajendra Prasad Scientist &Head (Hort) participated in Rythu Chaitanya Yatras in Rampachodavaram Mandal, East Godavari dist.

Smt.K.Usha kumari Scientist (Hort) participated in Rythu Chaitanya





Yatras in Adda theegala mandal, East Godavari dist.

HRS Pandirimamidi as a team participated in Rythu Sadassu held on 9.06.2011 and set up an exhibition stall. Dr.K.Rajendra Prasad Scientist & Head (Hort) explained the details of experiments on going at HRS to the Honourable Minister Sri..Thota Narasimham and MLA Sri K.V.Viswanath and M.P Smt. Ratnabhai garu who visited the stall.

HRS, Mahanandi

Sri. Y.Subba Rao, Scientist (Ento) participated in Training of Entomologists on mass production of parasitoids of papaya mealybug on 18-04-2011 at NBAII, Bangalore.

Smt. Ch.Ruth, Scientist (Pl.path) and Sri Y.Subba Rao, Scientist (Ento) participated in Rythuchaitnayayatra programme in Mahanandi (M) and Nandyal Mandals along with line departments.

In Kurnool District Ryhtusadassu was organized in the premises of Agricultural College, Mahanandi of Nandyal Revenue Division on 10-06-2011.

Smt. Ch.Ruth, Scientist (pl.path) participated as guest speaker in Andhra pragathi Grameena Bank meeting with women farmers organized by Andhra Grameena Bank, Thimmapuram dt:01-06-2011.

ARI, Rajendranagar

Dr.A.Girwani, Senior scientist(Hort) participated in the second ZREAC meeting for Rayalaseema Zone for the year 2011-12 in Tirupathi on 08.04.2011.

All the scientists participated in the second ZREAC meeting for Telangana Zone for the year 2011-12 at college Auditorium, Hyderabad on 21.04.2011.

Dr.A.Girwani,Senior Scientist(Hort) attended the polyhouse growers association meeting on 26.4.2011 held at Bollaram village.

Dr.A.Girwani,Senior Scientist(Hort) attended the polyhouse growers association meeting on 21.5.2011 held at Kukunoor village.

Dr.A.Girwani,Senior Scientist(Hort) participated in the TV programme on 01.06.2011 on the topic “Nursery management and package of practices for Cultivation of flowers in Rangareddy district”recorded at the RCY at Kanakamamidi and Sajjanpalli villages in Moinabad mandal of Rangareddy District.

HRS, Lam

Dr.P.Venkata Reddy, Principal Scientist (Hort) Attended verification of R&D facilities of M/S Jivalogics Biotech(India) Pvt Ltd. Situated at Obulreddypalem village, Guntur district on 19.4.2011

Dr. C.Sarada, Senior scientist (Hort) attended national training course on “Molecular breeding in vegetable crops” at IIVR, Varanasi from 22.5.2011 to 5.6.2011

FRS, Sangareddy

Sri. B. Ramesh Babu Scientist(Hort) attended Horti Exhibition – Sangam 2011-12 at Delhi and displayed 10 varieties of popular South Indian Mangoes from FRS, Sangareddy on 25.05.2011 to 1.6.2011.

Fruit Research Station, Sangareddy has displayed 18 mango varieties in the exhibition organized at “Swadesh Prem Jagriti, Sangosthi, 2011 and National Conference on Horti Business linking farmers with market, May 28-31, at Dehradun, Uttarakhand, organized by Lt Amit Singh Memorial Foundation, New Delhi on 28.05.2011 to 30.05.2011.

Fruit Research Station, Sangareddy has displayed 307 mango varieties in the Mango show, 2011 on 4-7th June, 2011 at Exhibition grounds, Nampally Road organized by Directorate of Horticulture, Hyderabad

Sri B.Mahender, Scientist(Path) gave training to Adarsha Rythulu (Farmers) on “Important diseases of fruit crops and vegetables” at Sadasivpet and Sangaeddy on 6.5.2011.

Sri B. Ramesh Babu, Scientist(Hort) gave training to Adarsha Rythulu (Farmers) on “Production aspects of mango” at Sadasivpet and Sangaeddy.

Dr.M.Raghava Rao, Senior Scientist (Hort) attended Mango show at Jubilee Hall public Garden at Hyderabad and exhibited the different varieties of mango on the occasion of Biodiversity day on 22.5.2011.

Sri A. Kiran Kumar,Scientist (Hort) attended inspection of nurseries for procurement of plant material by the state government under SHM in REGS scheme at Ismailkhanpet, peddapur, sadashivpet and Doultabad on 25.5.2011.

Dr D.Anitha Kumari, Scientist(Ento) attended nursery inspection at Narsapur, Ramayampet and Siddipet, Medak dist on 27.5.2011.

Sri A. Kiran Kumar, Scientist (Hort) attended Rythu Sadassu on Mango at ZP Hall in Chittoor on 28.5.2011.

Sri B.Mahender, Scientist(Path) and Dr D.Anitha Kumari, Scientist(Ento) visited Koheda village, Ibrahimpatnam mandal as diagnostic survey to Guava orchard affected with wilt on 20.06.2011.

Dr. A. Bhagwan, Senior Scientist(Hort) along with Director of Research and Dean of Horticulture, APHU, Venkataramannagudem attended mango show and displayed 15 mango varieties at Global Conference on “Augmenting Production and Utilization of Mango: Biotic and Abiotic Stresses” held on 21-24th June, 2011 at Lucknow, Uttar Pradesh.

Dr. A. Bhagwan, Senior Scientist (Hort) attended workshop on partnership under NICRA project at ICAR Research complex for Eastern Region, Research Centre, Ranchi on 29th & 30th June, 2011.

HRS, Aswaraopet

M.Ravindra babu, Scientist(Hort) attended training programme on ‘Mamidilo Pootha, Kaatha Dasalo Teesukovalasina Jagrathalu’ on 16-04-2011 at Bayyaram, Khammam Dist as resource person.

M.Ravindra babu, Scientist(Hort) attended the training programme for Field staff of ITDA (NREGS) on ‘Care to be taken up during Mango and Cashew plantation in Tribal areas of Khammam Dist’ organized by ITDA Bhadrachalam on 10-05-2011 as resource person.

SSPG HP, Madakasira

Dr. M. Ramakrishna Principal, SSPG Horticulture Polytechnic, Madakasira On 17th June 2011-Attended a training programme conducted by Department of Horticulture, Regional Horticultural Training Institute as a Resource Person to give training to Mango growers.

Sri. R. Preetham Goud, Assistant Professor (Agronomy), SSPG Horticulture Polytechnic, Madakasira On 12th June 2011-Attended Acharya N.G. Ranga Agricultural University Formation day conducted by Agricultural Polytechnic, Madakasira and gave advisory services to the farmers who attended the meeting.





VRS, Rajendranagar

Dr. M. Vijaya, Principal Scientist (P.P) attended training programme on “Disease management in vegetable crops” as resource person to Nalgonda farmers at HTI, Red hills on 7-03-2011.

Smt. Veena Joshi , Scientist (H) attended Training programme on “Application, fertigation through Drip irrigation in vegetable crops” as resource person to Ranga reddy and Medak farmers at HTI, Red hills on 9-03-2011.

Dr.K.Sireesha, Scientist(Ento) attended training programme on “Pest management in vegetable crops” as resource person, to Ranga reddy and Medak farmers at HTI, Red hills on 14-03-2011.

Dr.K.Sireesha, Scientist(Ento) participated in the training programme on “SAS application in agricultural statistics” organized by NAARM, from 21-26th March 2011.

Dr. M. Vijaya, Principal Scientist (P.P) participated training programme on “Approved uses of Pesticides” organized by NIPHM, Rajendranagar on 26-03-2011.

Dr.R.V.S.K.Reddy, Principal Scientist (H) attended training programme as resource person and gave a lecture on “Water management in vegetables” on 30-04-2011 at RARS, Palem as part of training programme on “water management” to Aadarsha Rytu under NHM.

Dr.M.Thirupathi Reddy, Scientist (H) attended 15 days summer training course on “Molecular breeding in Vegetable Crops” at IIVR, Varanasi from 23rd May to 5th June 2011.

Dr.R.V.S.K.Reddy, Principal Scientist (H) attended training programme on “AESA based PHM in Vegetables” as resource person and gave a lecture on “Fertilizer (INM) management in vegetables” on 27-06-2011 at NIPHM, Rajendranagar.

HRS, Kovvur

Dr T.Rajasekharam , Scientist (plant Pathology) participated in the training on “Collection, extraction, Identification and mass multiplication of nematodes in Banana” from 24th to 26th May 2011 at NRC for Banana, Trichy, Tamil Nadu.

HRS, Chintapalli

Participated as resource person in “MAA TOTA” inaugural function organized by NAABARD. Sri. Mohanaiah, CGM, NAABARD, Sri.

Sri.Udaysankar, AGM, NAABARD and Sri. Ratnasudhakar, ADR, RARS participated and released the book on cultivation practices of “Litchi” prepared by Sri.K.Ravindra Kumar, Scientist (Hort), HRS, Chintapalli on 17.4.2011



K.Sesha Kiran and K.Ravindra Kumar conducted the Technology demonstration trial on the Management of *Phytophthora* foot rot of Black Pepper in the black pepper plantations of the tribal farmers in Rinthada panchayat, G.K.Veedhi Mandal on 20th April, 2011

K.Ravindra Kumar participated in the Rythu Chaitanya Yatra inaugural function held at G.Madugula , Visakhapatnam (Dt.) on 17-05-2011.

K.Ravindra Kumar and K.Sesha Kiran participated in the Rythu sadassu held at Sabbavaram, Visakhapatnam (Dist) on 9th June 2011.

K.Ravindra Kumar and K.Sesha Kiran participated in the Group meeting of XX11 nd National workshop of AICRP, Spices held at S.K.Rajasthan Agricultural University, Jaipur campus from 18th-19th June, 2011

LECTURES DELIVERED

HRS, Ambajipeta

Smt. M. Kalpana participated and delivered lecture on “Prospectus of Pineapple cultivation in Andhra Pradesh at University HQ VR Gudem with DOL company (Phillipines) on 17-06-11.

FRS, Sangareddy

Sri B. Ramesh Babu, Scientist(Hort) delivered lecture on Mango cultivation at RHTI, Mahaboobnagar on 16.4.2011.

Dr. A. Bhagwan, Senior Scientist (Hort) has delivered lecture on production aspects of mango, Sri A. Kiran Kumar, Scientist (Hort) has delivered lecture on post harvest technology of mango, Sri A. Kiran Kumar, Scientist (Hort), Sri B.Mahender, Scientist(Path) and Dr D.Anitha Kumari, Scientist(Ent) have participated in interaction session on mango with farmers on 5.6.2011.

Sri A. Kiran Kumar, Scientist (Hort) delivered lecture on “Water management in fruits” at RARS, Palem on 26.4.2011.

Radio talks / TV programmes

Date	Topic	Speaker
4.4.2011	Management of Mango Diseases	Sri B.Mahender, Scientist (Path), FRS, Sangareddy
8.4.2011	Nursery Management in Mango	Sri D.Lakshminarayana, Scientist (Hort.), HRS, Aswaraopet
24.4.2011	Increase of curcumin content in turmeric by foliar sprays of micronutrients in the months of November and December”	Dr.M.Raghava Rao, Senior Scientist (Hort), FRS, Sangareddy
25.4.2011	Vesavi kuragayala saagulo melakuvalu	Dr S.Surya Kumari, Senior Scientist (Hort), HRS, Lam
25.4.2011	Malle sagu lo melakuvalu	Dr.A.Girwani,Senior Scientist(Hort), Floriculture Scheme, ARI, Rajendranagar
28.4.2011	Chamanthilo naru madi pempakam	Smt. P.Lalitha Kameswari, Scientist(Hort), Floriculture Scheme, ARI, Rajendranagar
2.5.2011	Mirapalo egumathiki anuvaina nanyatha pramanalu	Dr.P.Venkata Reddy, Principal Scientist (Hort), HRS, Lam
2.5.2011	Mirapakothalu – kotha ananthara parignanam	Dr.S.Surya Kumari, Senior Scientist (Hort), HRS, Lam
2.5.2011	“Kobbarilo Tegullu – Vesavi Yahamanyam”	Dr. A. Snehalatha Rani, Scientist (PP), HRS, Ambajipeta
3.5.2011	Vesavilo Kobbari thotala yajamanyam	Smt. M.Kalpana, Scientist (Hort.), HRS, Ambajipeta
4.5.2011	“Summer Management under Coconut”	Dr.A.V.D.Dorajee Rao, Scientist (Hort.), HRS, Ambajipeta





Date	Topic	Speaker
6.5.2011	Management of Stem rot in Papaya	Sri D.Lakshminarayana, Scientist (Hort.), HRS, Aswaraopet
11.5.2011	“Visakha Agency lo Vudyana Pantalanasinche Cheeda peedala Nivarana”	Sri.K.Sesha KiranScientist(Plant Path), HRS, Chintapalli
12.5.2011	Letha mariyu muduru mamidi thotalalo kathirimpula pramukhyatha	Sri M.Ravindra Babu, Scientist (Hort.), HRS, Aswaraopet
14.5.2011	Aratilo dumpa kullu nivarana	Sri M.Ravindra Babu, Scientist (Hort.), HRS, Aswaraopet
16.5.2011	Fertilizer management in papaya	Sri D.Lakshminarayana, Scientist (Hort.), HRS, Aswaraopet
16.5.2011	Post harvest management of Mango	Sri A.Kiran Kumar, Scientist (Hort.), FRS, Sangareddy
16.5.2011	Irrigation Management in Summer vegetable crops	Dr.K.Dhanumjaya Rao, Senior Scientist (Hort.), VRS, Rajendranagar
16.5.2011	Karrapendalamlo Melaina Rakalu- Yamanyam	Dr.G.Ramanandam, Senior Scientist (Hort.), HRS, Peddapuram
17.5.2011	Fertilizer management in pepper	Sri D.Lakshminarayana, Scientist (Hort.), HRS, Aswaraopet
17.5.2011	Points to remember for newer plantation of fruit crops	Sri B.Ramesh Babu, Scientist (Hort.), FRS, Sangareddy
19.5.2011	Management of Sun burn effect in Mango fruits	Sri D.Lakshminarayana, Scientist (Hort.), HRS, Aswaraopet
20.5.2011	Mamidi kota anantaram parignanam	Sri A. Kiran Kumar,Scientist (Hort), FRS, Sangareddy
21.5.2011	Pests and Diseases problems in Summer vegetable crops and their control measures	Dr.K.Dhanumjaya Rao, Senior Scientist (Hort.), VRS, Rajendranagar
30.5.2011	Tissue Culture aratilo yeruvula yajamanyam	Sri M.Ravindra Babu, Scientist (Hort.), HRS, Aswaraopet
1.6.2011	Grafting methods in Mango	Sri D.Lakshminarayana, Scientist (Hort.), HRS, Aswaraopet
3.6.2011	Pest Management in Cocoa	Dr.N.Emmanuel, Scientist (Ent), HRS, Ambajipeta
6.6.2011	Dumpa kooragayala sagulo melakovalu	Dr.B.K.M.Lakshmi, Scientist (PP), VRS, Rajendranagar
6.6.2011	Cassava planting material selection and nursery raising	Dr.G.Ramanandam, Senior Scientist (Hort.), HRS, Peddapuram
13.6.2011	Mamidilo sukshma poshaka lopaalu nivarana	Sri D.Lakshminarayana, Scientist (Hort.), HRS, Aswaraopet
17.6.2011	Land preparation, planting and fertilizer management for cassava	Dr.G.Ramanandam, Senior Scientist (Hort.), HRS, Peddapuram
21.6.2011	Nursery management in vegetables and pts preparation in fruit crops	Smt. Ch. Ruth , Scientist (pl.path) & Head, HRS, Mahanandi
21.6.2011	Kharif kooragayala saagulo melakovalu	Dr.R.V.S.K.Reddy, Principal Scientist (H), VRS, Rajendranagar
24.6.2011	Kharif kooragayala saagu	Dr.R.V.S.K.Reddy, Principal Scientist (H), VRS, Rajendranagar
24.6.2011	Kanda, Chema saagulo melakovalu	Dr.B.K.M.Lakshmi, Scientist (PP), VRS, Rajendranagar
24.6.2011	“Pasupulo rakalu mariyu sagupaddatulu”	Sri.K.Ravindra KumarScientist (Hort), HRS, Chintapalli
27.6.2011	Mirapasagulo melakuvalu	Dr. M. Raghava Rao, Sr. Scientist (Hort), FRS, Sangareddy

CONSULTANCY / ADVISORY SERVICES

SKPP HP, Ramachandrapuram

Visited Mango & Cashew Plantations and interacted with farmers on 30.3.2011 at Vajrakutam.

On 29.3.2011 participated farmers training programme & delivered lecture on cashew rejuvenation at ITDA, Rampachodavaram.

On 13.5.2011 Sri M.Sattiraju, Vice-Principal visited papaya plots and noticed mealy bug and virus problem and advised remedial measures at Sarpavaram village.

HRS, Mahanandi

Advisory services were provided to 55 farmers along with Horticultural officer, Raichur (Dist), dt: 27-04-2011 and Scientists of HRS, Mahanandi explained the activities of HRS, Mahanandi especially on Horticultural crops i.e onion, Brinjal, Bhendi, Tomato, Banana and Gladiolus and interacted with the farmers on problems of horticultural crops.

PUBLICATIONS

HRS, Ambajipeta

N. Emmanuel, A. Sujatha and B. Gautam. 2010. Occurrence of Bag Worms *Pteroma plagiophelps* Hamps and *Clania* sp. on Cocoa Crop. Insect Environment, Vol.16 (2) pp: 60-61.

N. Emmanuel, N.B.V.Chalapathi Rao and B. Gautam. 2010. Status of Emerging Pests of Cocoa in Cocoa-Coconut Inter-Planted Farming System in Godavari

Districts of Andhra Pradesh. In the proceedings of National Symposium on “Emerging Pest Management Strategies Under Changing Climatic Scenario” on 20th to 21st December, 2010 held at OUAT, Bhubaneswar. Pp: 3-4.

N. Emmanuel, N.B.V.Chalapathi Rao and B. Gautam. 2010. Impact of Varios Intercropping Systems on the Occurrence of Coconut Pests in Godavari Districts of Andhra Pradesh. In the proceedings of National Symposium on “Emerging Pest Management Strategies Under Changing Climatic Scenario” on 20th to 21st December, 2010 held at OUAT, Bhubaneswar. Pp: 73-74.

N.B.V.Chalapathi Rao and K. Purushottam. 2010. Efficacy of Combination Treatment of Chloripyriphos + Dichlorovas against Mango Fruit Borer *Deanolis Albizonalis* In Andhra Pradesh. In the proceedings of National Symposium on “Emerging Pest Management Strategies Under Changing Climatic Scenario” on 20th to 21st December, 2010 held at OUAT, Bhubaneswar. Pp: 170-171.

N.B.V.Chalapathi Rao and K. Purushottam. 2010. Studies on Efficacy of Various New Insecticides against Mango Hoppers and Thrips in Andhra Pradesh. In the proceedings of National Symposium on “Emerging Pest Management Strategies Under Changing Climatic Scenario” on 20th to 21st December, 2010 held at OUAT, Bhubaneswar. Pp: 172-173.

Sujatha, A., Emmanuel, N, Gautam, B, and Arulraj, S. 2010. Design of an ecologically – based IPM programme against coconut slug caterpillar *Macrolepta Nararia* Moore in Coastal districts of Andhra Pradesh. In the proceedings of International Symposium on “Coconut Biodiversity for Prosperity from 25th to 28th October, 2010 held at CPCRI, Kasaragod. Pp: 131-132.





Sujatha, A, Emmanuel, N, Gautam, B and Arulraj, S. 2010. Antibiosis resistance to Coconut black headed caterpillar, *Opisina arenosella* Walker in coconut genotypes. In the proceedings of International Symposium on “Coconut Biodiversity for Prosperity from 25th to 28th October, 2010 held at CPCRI, Kasaragod. pp:125

Nagalakshmi, T., Sivaraj, K and Gautam, B. 2010. Evaluation Genetic diversity among isolates of *Ganoderma* spp. Infecting coconut palms using RAMS and RAPD markers. In the proceedings of International Symposium on “Coconut Biodiversity for Prosperity from 25th to 28th October, 2010 held at CPCRI, Kasaragod.

N.B.V. Chalapathi Rao and N. Emmanuel. 2011 “Black headed caterpillar pest a serious villain to coconut”. *Indian Horizon*. April 16, 2011.

Kalpna, M, Ramakrishna, Y and Gautam, B. 2010. Organic manure production from tender coconut waste. In the proceedings of International Symposium on “Coconut Biodiversity for Prosperity from 25th to 28th October, 2010 held at CPCRI, Kasaragod.

Dorajee Rao, AVD., Gautam, B., Kalpna, M., Chalapathi Rao, NBV., Emmanuel, N., Snehalatha Rani, A., (2011) “Bharatadesam lo Cocoa,” APHU Publication.

N. Emmanuel and N.B.V. Chalapathi Rao. 2011. “Kobbarini aasistunna gongali purugulu – Nivarana”. *Rythu Nestam*. May 6 (9), pp:8.

A. Snehalatha Rani, N.B.V. Chalapathi Rao and B. Gautam .2011. “ Its our job to save coconut”. *Indian Horizon*. May 11, pp:1

A.V.D.D. Rao , M. Kalpna, and B. Gautam. 2011. Coconut – Beyond Copra, oil and Water. *Indian Horizon*. May 11, pp:4

M. Kalpna, A.V.D.D. Rao, Y Ramakrishna and B. Gautam 2011 “Vesavilo Kobbari Totala yajamayam”. *Agri Clinic*. May pp: 36-37

N.B.V. Chalapathi Rao co-authorized Mango booklet “Mamidilo Sasysrakshana” released at SLTP 2011, June 2011.

HRS, Pandirimamidi

Smt.K.Ushakumari, Dr.K.Rajendra prasad, P.C.Vengaiah “May nelalo vividha vudyana pantalalo chepattavalasina panulu” - *Rythu Nestam Sakshi News paper District edition* on 6.05.2011

Smt.K.Ushakumari, Dr.K.Rajendraprsad, P.C.Vengaiah-”Vaniyaparamga pulathotala sagu –Heliconia” –*Rythu Nestam monthly* on June 2011 in Page no.27

HRS, Mahanandi

Smt. Ch. Ruth ,Scientist (pl.path) published an article on “cultivation of Gladiolous in Annadata journal in the month of June -2011.

HRS, Aswaraopet

“Pandlathotalalo samardha neeti yaajamayam”, *Agriclinic*, June 2011 Sri. M.Ravindra Babu, Scientist (H) and Sri.D. Lakshminarayana, Scientist (H) & Head. H.R.S. Aswaraopet.

“Cheeni, Bathayilo Ksheenimpu- Nivarana Agriclinic”, April, 2011 Sri. M.Ravindra Babu, Scientist (H) and Sri.D. Lakshminarayana, Scientist (H) & Head. H.R.S. Aswaraopet.

VRS, Rajendranagra

Veena Joshi, R.V.S.K. Reddy, Sireesha and Madhavi Latha contributed an article on *Vesavi aaku koorala sagulo melakuvalu-Vyvasayam* April,2011.

Dr.R.V.S.K Reddy, contributed an article on *Kooragaya pantalu- sagu vivaralu* to *Annadata* in June 2011.

Dr.K.Sireesha, contributed an article on “Isolation and characterization of Baculoviruses from three major lepidopteran pest in the semi arid tropics of India.

Veena Joshi, M.Vijaya and J.Dilip Babu Contributed abstract entitled “Genetic diversity in leaf *Amaranthus*’ for National Symposium on Vegetable Biodiversity at Jabalpur from April 4-5 2011.

PERSONNEL

HONOURS/AWARDS

HRS, Ambajipeta

Dr. N. Emmanuel, Scientist (Entomology), has been awarded with best Oral Presentation of Research Paper “ Status of Emerging Pests of Cocoa in Cocoa-Coconut Inter-Planted Farming System in Godavari Districts of Andhra Pradesh “ in the National Symposium on “ Emerging Pest Management Strategies Under Changing Climatic Scenario “ on 20th to 21st December, 2010 held at OUAT, Bhubaneswar.

Dr. A. Bhagwan, Senior Scientist (Hort) was **conferred Society for Development of Sub tropical Horticulture (SDSH) fellowship award** for his contribution in increasing the productivity of mango in India in general and in Andhra Pradesh in particular on the Occasion of “Global Conference on Augmenting Production and Utilization of Mango: Biotic and Abiotic Stresses: held on 21-24th June, 2011 at Lucknow, Uttar Pradesh. The award was constituted by Society for the Development of Sub-tropical Horticulture, CISH, Lucknow.

Dr. A. Bhagwan, Senior Scientist(Hort) was awarded the **best oral and poster presentation** of the research papers presented at Global Conference on Augmenting Production and Utilization of Mango: Biotic and Abiotic Stresses” held on 21-24th June, 2011 at Lucknow, Uttar Pradesh.

SUPERANNUATION

Dr.P.Suryanarayana Reddy, Registrar, Andhra Pradesh Horticultural University was retired from service on 31.05.2011 on attaining the age of superannuation.



Dr. B. Gautam, Principal Scientist [Hort] & Head, HRS, Ambajipeta was retired from service on 31.5.2011 on attaining the age of superannuation

Sri.K.David Raju, AEO, HRS, Kovvur was retired from service on 30.6.2011 on attaining the age of superannuation.



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Edited by **Dr. K.Haribabu**, Dean of Student Affairs, APHU

