MERA GAON MERA GAURAV

Quarterly Report Format : Compiled report for ICAR-NBAIR, Bangalore

1. Visit to Villages

Sl. No.	Date (No. of visits during October- December)	No. of Farmers	Purpose
i)	3 visits to Modur of Kunigul taluk of Tumkur district of Karnataka	35	Survey and guidance on management of insect pests and diseases in sugarcane, paddy, groundnut and vegetables and training on use of trichocards and *Goniozus.*
ii)	3 visits to 4 villages (Chikkasadenahally, T. Bannikuppe, Bheemasandra doddi and Uyyalappanahally of Kanakapura taluk of Ramnagara district of Karnataka)	15	Survey and guidance on management of insect pests of mulberry and training on use of trichocards.
iii)	2 visits to 4 villages (Agaram, Alagampatti Irullapatti, Ganapatti of Palacode and Nallampalli taluks of Dharmapuri district of Tamil nadu	500	Identification of villages/farmers, Identifying problems with respect to agriculture and allied sectors and Visiting the farmers field
iv)	1 visit to 2 villages (Keerapudur and Ennagalpudur)	15	To demonstrate the technology on management of tomato pin worm, *Tuta absoluta*
v)	2 visit to each Bagalur and Ramagiri village of urban Bangalore of Karnataka	20	To demonstrate the technology on the management of melon fly
vi)	2 visit to each Mylandahlli and Amerahalli village of Kolar of Karnataka	7	To demonstrate the technology on the management of *Tuta* on tomato. To demonstrate the technology on the management of stem borer on mango and cashew
vii)	3 visits to 5 villages (Kannahatti, B. Honenahalli,Saudenahalli Dudda and Madla of Dudda block of Mandya district of Karnataka	97	Root grubs and stem borer management in Sugarcane. *Trichoderma* and EPN Distribution to few farmers.
viii)	4 visits to 3 villages(Samanapalli, Pillekothur, Kaverinagar	152	Field day on tomato pin borer monitoring and management. To advice farmers on pest and disease

	(of Shoolagiri Block, Krishnagiri Dt., Tamil Nadu)		management in vegetables and rice.
ix)	1 visit to 2 villages (Neralaghatta, Gandarajupura of Bengaluru Rural, Karnataka)	30	Demonstration of NBAIR technologies
x)	1 visit to 5 villages (Anavalu, Ingalaguppe, Mahadeshwarapura, Neelanahalli and Sunkathonnur villages of Mandya district, Karnataka.)	45	Collection of baseline data and identification of problems faced by the farmers
	Total no. of farmers	**916**	

2. Gosthis/ Meetings conducted

Sl. No.	Date	No. of Participants	Purpose
i)	2.12.2015	100 farmers at Dharmapuri district Tamil nadu	Interface with farmers to solve the field problems Handling class on viral diseases of cassava and their management. Distribution of virus disease tolerant cassava planting materials
ii)	29.12.2015	51 at Kolar, urban Bangalore of Karnataka and Krishnagiri district of Tamil Nadu	To attend farmer scientist and extension officers interface on rice IPM
iii)	09.10.2015	25 at Madla of Mandya district	Crop health and need based fertilizer and pesticide applications
iv)	31.10.2015	12 at Dudda	Problem of leaf spot disease in paddy and its management.
v)	06.10.2015	73 (Samanapalli, Pillekothur, Kaverinagar of Krishnagiri district, Tamil nadu)	Field day on tomato pin borer monitoring and management
vi)	29.12.2015	56 (Samanapalli, Pillekothur, Kaverinagar of	Field day on insect pest management on vegetables

		Krishnagiri district, Tamil nadu)	
vii)	21.12.15	30 (Neralaghatta, Gandarajupura of rural Bangalore, Karnataka)	Demonstration of NBAIR technologies, Usage of biocontrol agent of Papaya mealybug parasitioid and Trichogramma chilonis for the control of several lepidopteran pests of different crops
viii)	14. 10.2015	50 (Mandya district)	Awareness about general crop health Management of root grubs in sugar cane and coconut. Management of coconut mite
Total no. of farmer participants		**397**	

3. Mobile-based Advisory

Sl. No	No. of Farmers Covered	No. of Messages	Subject Matter Area
i)	30 farmers (Kanakapura and surrounding villages,Bijapur, Mandya, Kunigul, Bellary, Chitradurga and urban Bangalore)	30	• Guidance provided for date palms, red palm weevil problem, for whitefly management on marigold. • *Helicoverpa* management in chickpea and pigeon pea. • Disease management in paddy and *Tuta* management in Tomato • Whitefly management on mulberry • Sucking pest and disease management in groundnut, • Guidance on release of *Chrysoperla*, *Cryptolaemus*, *Goniozus* and trichocards. • Guidance on biological control agents, mealybug management, use of entomofungal pathogens, anthocorids for mites, organic farming , paddy, guava etc.
ii)	3 farmers (urban Bangalore, Kolar of Karnataka)	3	• Tomato pin worm management *Spodoptera litura* management
iii)	7 farmers (Dudda block of Mandya district of Karnataka	2	• Insect pest management in Rice and Mulberry
iv)	26 farmers (Samanapalli, Pillekothur, Kaverinagar of Krishnagiri district, Tamil nadu)	Voice call	• Pest management, soil nutrient analysis, marketing
v)	30 farmers (Neralaghatta, Gandarajupura of rural	e-Kishan web portal	• General awareness to the farmers

	Bangalore, Karnataka)		
vi)	15 farmers (Anavalu, Ingalaguppe, Mahadeshwarapura, Neelanahalli and Sunkathonnur villages of Mandya district, Karnataka.)	20	• Management of sugarcane root grub and coconut mite.
vii)	20 farmers (Anavalu, Ingalaguppe, Mahadeshwarapura, Neelanahalli and Sunkathonnur villages of Mandya district, Karnataka.)	60	• Management of sugarcane root grubs and availability of entomopathogenic nematode formulation and mode of application
viii)	10 farmers (Anavalu, Ingalaguppe, Mahadeshwarapura, Neelanahalli and Sunkathonnur villages of Mandya district, Karnataka.)	10	• Root grub problem in pigeon pea
Total no. of farmers		**141**	•

4. Literature Support Provided

Sl. No.	Subject matter of Literature	No. of Copies	No. of Farmers
i)	Literature in local language Kannada on coconut mite management in coconut growing fields	5	5
ii)	Folder in local language Kannada on farm level production of *Trichogramma chilonis* on Eri silkworm eggs.	2	2
iii)	*Tuta absoluta* : An invasive pest on tomato	60	50
iv)	Papaya mealybug management folder	20	20
v)	Folders on Tomato pin borer: Monitoring and management (Farmers of Samanapalli, Pillekothur, Kaverinagar villages)	220	220
vi)	Folders on biocontrol of papaya mealybug (Neralaghatta, Gandarajupura villages)	25	25
vii)	Entomopathogenic Nematodes for the Biological Control of root grubs	150	100
viii)	List of company addresses to procure NBAIR developed W.P. formulation of *Heterorhabditis indica* for the management of root grubs.	200	200
Total no. of farmers benefitted			**622**

5. Facilitation for new varieties, seeds, technology

Sl. No.	Crop/Variety/Technology	No. of Farmers	Area Covered (ha)

i)	154 tricho cards of *T. japonicum* in Modur village of Kunigul taluk	35	31.5
ii)	90 tricho cards of *T. chilonis* in 4 villages of of Kanakapura taluk	8	4.7
iii)	1400 *Goniozus nephantidis* adults were supplied in Modur village of Kunigul taluk	6	3.0
iv)	400 *Zygogramma bicolorata* adults were supplied in Modur village and Hiriyur of Kunigul taluk	5	2
v)	300 *Chrysoperla zastrowi silemmi* eggs to rural Bengaluru	1	0.25
vi)	25 tricho cards *of T. japonicum* in Mysore	1	1.2
vii)	31 tricho cards of *T. japonicum* and *T. chilonis* in Mandya district	1	1.2
viii)	400 grubs of *Cryptolaemus montrouzieri* in Tamil nadu	2	2
ix)	150 *Zygogramma bicolorata* grubs were supplied in Tumkur district	1	0.25
x)	400 grubs and 50 adults of *Cryptolaemus montrouzieri* in Gulberga	1	2
xi)	1 trichocard of *T. chilonis* to Hiriyur, Karnataka	1	0.4
xii)	200 grubs of *Cryptolaemus montrouzieri* in Madanapalli, AP	1	0.8
xiii)	150 grubs of *Cryptolaemus montrouzieri* in Coorg, Karnataka	1	0.8
xiv)	150 grubs of *Cryptolaemus montrouzieri* in rural Bangalore	1	0.2
xv)	2 trichocards of *T. chilonis* in urban Bangalore	1	0.2
xvi)	1 trichocards of *T. chilonis* in Bassava Kalyan	1	0.4
xvii)	100 grubs of *Cryptolaemus montrouzieri* and 100 eggs of *Chrysoperla zastrowi silemmi* in Chennai.	1	0.4
xviii)	50 grubs of *Cryptolaemus montrouzieri* in urban Bangalore	1	0.2
xix)	Cassava virus tolerant varieties in Dharmapuri district, Tamil nadu	Progressing	
xx)	Technology on trapping of adult males of *Tuta* in Kolar, urban Bangalore and Krishnagiri district of Tamil Nadu	4	10
xxiii)	Novel insecticidal W.P formulations of *Heterorhabditis indica* for the biological control of white grubs & other soil insect pests in Mandya district, Bangalore	5	8

6. Major Problems Diagnosed

Sl. No.	Problem Category	Problem
i)	General	Ground water depletion shortage in power supply and labour scarcity of drinking water and rainfall labour problem Needed adequate marketing facilities to dispose the products Unavailability of Good seeds/ planting materials Lack of Pest and Disease resistant varieties Unaware of prophylactic control measures for pests and diseases Credit availability Facilitation of Cash and carry of farm produce .
ii)	Agriculture	Weeds, marketing Borer pests in sugarcane and paddy leaf roller in mulberry root grub infestation in sugarcane. Cattle diseases Pest and disease problems Cassava mosaic virus disease Nematode problem in Tube rose Mealy bug incidence and Fungal disease in tube rose Powdery mildew in chillies in protected cultivation Mites, powdery mildews, flower thrips in rose Early shoot borer, root grubs in sugarcane leaf blotch, rhizome rot of turmeric Tomato pinworm damage Manure and Fertilizer application timings and methods Minimum support price for the produce based on cost of cultivation. Lack of cold storage Root grub *Papilio* sp infecting pigeon pea

7. General Awareness Created

Sl. No.	Subject matter	No. of Farmers
i)	Health and harmful effects of pesticides	50
ii)	Organic pest management	15
iii)	Manure and fertilizer application timings and methods	25
iv)	Pesticide hazards and time and method of application of pesticides in sugarcane, mulberry and rice	40
v)	Insecticide usage- do's and don't's	150
vi)	Use of biocontrol technologies	150
vii)	Importance of biological control	35
viii)	Need based application of fertilizers	50
Total no. of farmers		**515**

8. Linkages created with other Departments/ Organizations

Sl. No.	Name of the Agency	No. of Farmers benefitted
i)	B. V. Foundation, Harohally, Kanakapura	6
ii)	Anganwadi centres of Modur, Madla and Chikkasadenahalli	22
iii)	Department of Agriculture, Government of Karnataka	100
iv)	ICAR- CTRCRI, Thiruvananthapuram	Progressing
v)	TNAU	Progressing
vi)	State Dept. of Agriculture	Progressing
vii)	Department of Agriculture, Govt. of Tamilnadu, Krishnagiri Block	60
viii)	Krishi Vigyan Kendra, Krishnagiri	100
ix)	KVK, Krishnagiri (Samanapalli, Pillekothur, Kaverinagar)	200
x)	Department of Agriculture, Agriculture officer (Neralaghatta, Gandarajupura)	25
xi)	Department of agriculture, Pandavapura, Mandya District.	19
Total no. of farmers		**532**