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UNIVERSITY OF AGRICULTURAL SCIENCES, RAICHUR
ICAR-KRISHI VIGYAN KENDRA, RAICHUR
P.B. No.329, UAS CampusRaichur

NO: SSH/ KVK/ RCR//2020-21 Date: 08.07.2020

Office Order

The following are the OFT and FLD programmes allotted to respective scientists for the year 2020-21 as per the approved list from ATARI. Hence I am requesting you to carry out the same and include in the progress report of KVK monthly work done report.

1. Technology assessment during 2020-21:

Sl. N.	Crop/ enterprise	Title of intervention	Technology options	Source of technology	Name of critical input	Qty	Cost per trial (Rs.)	No. of trials	Total cost (Rs.)	Team members	Village/ Taluka	Season
1	Chickpea	Assessment of Chickpea varieties for stress	**TO1 :** JG-11	Farmers/UAS, R/D	-	-		3	4500X3 =**13500**	Scientist (Agronomy, Plant protection, Soil Science& Home Science)	Jakkaladinni	Rabi
			TO2: NBeG-49	ANGRAU, RARS, Nandyal, AP	Seeds	20 kg	1500					
			TO3: GBM-2	UAS, Raichur	Seeds	20 kg	1500					
			TO4: NBeG-47	ANGRAU, RARS, Nandyal, AP	Seeds	20Kg	1500					
2	Pigeon pea	Assessment of millets as intercrops in Pigeonpea	**TO1 :**Redgram sole	Farmers/UAS, R/D	-	-		3	2250X4 =**8400**	Scientist (Agronomy, Plant protection& Soil Science)	Adavibhavi	Kharif
			TO2: PP + PM (1:1)	UAS R/D	Seeds	5 kg +2 kg	850					
			TO3: PP + PM (1:2)	UAS R/D	Seeds	5 kg +2 kg	850					
			TO4: PP + FM (1:2)	UAS R/D	Seeds	5 kg +2 kg	550					
3	Mustard	Assessment of Mustard varieties as alternate crop in paddy	**TO1:** Local	Pvt HY	-	-	-	3	900X5 **= 4500**	Scientists (Agronomy Plant protection& Soil Science)	Raithanagarcamp/Jakkaladinni	Rabi/Summer
			TO2: PM-25	IARI	Seeds	2kg	300					
			TO3: PM-30	IARI	Seeds	2kg	300					
			TO4: NRCHB-101	DRMR, Bharathpur	Seeds	2kg	300					
4	Blackgram	Assessment of blackgram varieties as alternate crop in paddy fallows	**TO1:**TAU-1	Farmers Practices	-	-	-	3	**3300 X5 =16500**	Scientists (Agronomy Plant protection& Soil Science)	Raithanagar camp	Rabi/Summer
			TO2: PU-31	GBPUAT	Seeds	7 kg	1100					
			TO3: TRCRTRU-22	UASR	Seeds	7 kg	1100					
			TO4:DU-1	UASD	Seeds	7 kg	1100					

Sl. N.	Crop/ enterprise	Title of intervention	Technology options	Source of technology	Name of critical input	Qty	Cost per trial (Rs.)	No. of trials	Total cost (Rs.)	Team members	Village/ Taluka	Season
5	Mosambi	Assessment of micronutrient management on yield of Mosambi	**TO1:** Farmers practice soil application of NPK	-	-	-	-	05	3250X5 **=16250**	Scientist: Horticulture, Agronomy & Soil Science	Chandrab Cluster Apandoddi& Mandalagera	Kharif/ Rabi
			TO2: RDF+ZnSO4+ MgSO4+MnSO4+ Ca	UHS, Bagalkot	ZnSO4 MgSO4 MnSO4 Ca Soil test Leaf sample analysis	3 kg 1.5 kg 1.5 kg 3 kg 1 1	450 300 300 200 1000 1000					
			TO3: Citrus special	IIHR Bengaluru	Fertilizer Name board	5 kg 1 No.	750 250					
6	Fodder	Assessment of new forage super Naiper for its productivity and forage quality	**TO1:** Farmers Practice (NB-21)	UAS, Dharwad	-	-	-	02	6750 x 2 **=13,500**	Scientists: (Animal Science & Agronomy)	Raithanagar camp/Jakaldinni/Mandalgera	Kharif
			TO2: Hybrid Napier Co-3	TNAU, Coimabator	Hybrid Napier Co-3	2500 stem cuttings						
			TO3: Super Napier	IGFRI Jansi	Super Napier (Rs.1.5 per stem cutting)	2500 stem cuttings						
7	Chilli	Assessment of drying of Red Chillies in Solar drier and sunlight	**FP:**Drying of Red Chillies in direct sunlight on mud roof	-	-	-	-	03	**23000**	Scientist (Home Science& Agronomy)	Jakkaladinni	Rabi/ Summer 2020-21
			TO1: Drying of Red Chillies in direct sunlight on Tarpaulins	UHS, Bagalkot	Tarpaulin	3 No. X 2000	6000					
			TO2: AP-1 Drying of Red Chillies in Solar drier	Raheja Solar Driers, Indore	Solar drier (4'x8')	1 No.	17000					
							Total		**95650**			

2. Frontline Demonstrations during 2020-21

Sl. No	Crop/ enterprise	Technology to be demonstrated	Name of variety/ hybrid	Source of technology	Name of critical input &Qty per demo (q)	Cost per demo (Rs.)	Team members	Village/ Taluka	Season
	Cereals								
1	Paddy	Water Management (AWD) in Paddy	BPT-5204	UAS, Raichur	Pani Pipe : 600X 4 = 2400 Soil analysis : 1x200 = 200	2600 x10 **= 26000**	SMS (Soil Science, Agronomy &Plant protection)	Raithanagar camp	Kharif/ Rabi
2	Paddy	Eco friendly management of pests in Paddy ecosystem	-	UAS, Raichur	Metarhiziumanisopliae:2 g. Trichogrammajaponicum:50 cards Triflumezopyrim 10.6 SC: 150 ml	150 300 1350 1800X10 **= 18000**	Scientist (Entomology & Agronomy)	Raithanagar camp	Kharif/ Rabi
	Oilseeds								
3	Groundnut	Integrated Crop Management in Groundnut	G-2-52	UAS, Raichur	Seeds – G-2-52 : 50kg Trichoderma :0.2kg Rhizobium- .1kg PSB : 1 kg Alachlor, : 1.2 lit. PE: Quizlophap ethyl :400ml Iron Sulphate : 10kg Zinc Sulphate : 10 kg Soil test : 1 Pheromone traps : 4 Yellow sticky trap: 4	3400 26 45 40 750 740 600 600 200 520 300 7221 x 05 **= 36105**	Scientist (Agronomy, Soil Science,Plant Protection & Home science)	Mandalagera/ Adakalagudda	Kharif/ Summer
	Pulses								
4	Pigeon pea	Integrated Pest Management in Pigeonpea	-	UAS, Raichur	Pheromone traps with lures:04 Nos. Neem based insecticides:800 ml. HaNPV :100LE Rynaxpyr: 60 ml	520 450 250 600 1820 x 10 **= 18200**	Scientist (Entomology & Agronomy)	Adavibhavi	Kharif
5	Chickpea	Integrated Pest Management in Chickpea	-	UAS, Raichur	Sorghum seeds : 100g. Pheromone traps with lures:4 Nos. Neem based insecticides:: 800ml. HaNPV : 100 LE.	20 520 450 250 1240x 10 **= 12400**	Scientist (Entomology & Agronomy)	Jakkaladinni	Rabi
	Commercial crops								
6	Cotton	Management of Pink Bollworm in Bt-Cotton	-	UAS, Raichur	Pheromone traps with Lures: 12 nos. Profenophos 50EC or 1000 ml. cyhalothrin 5EC :250 ml *Trichogrammatoidae* : 35 cards *bacterae*	1560 500 200 700 2960 x 10 **= 29600**	Scientists: (Entomology & Agronomy)	Mandalagera	Kharif

Sl. No	Crop/ enterprise	Technology to be demonstrated	Name of variety/ hybrid	Source of technology	Name of critical input &Qty per demo (q)	Cost per demo (Rs.)	Team members	Village/ Taluka	Season
	Horticultural crops								
7	Tomato	Integrated Crop Management in Tomato	ArkaAbhed	IIHR Bengaluru	-Seeds ArkaAbhed : 50g -Arka Microbial Consortia : 5 kg -Arka Vegetable special : 3 kg -Marigold : 10 g -Yellow sticky traps : 8 No. -Diafenthiuran : 250 g. -Azoxystrobin : 250 ml. - Name board : 1 No.	3500 750 500 300 200 800 750 250 7050 x 5 **= 35250**	Scientist (Horticulture, Agronomy, Soil Science and Plant protection)	Adakala gudda	Kharif/ Rabi
8	Onion	Introduction of high yielding onion variety Bhima Dark Red	Onion : Bhima Dark red	DOGR Pune	Seeds : 2 kg Name Board : 1 No.	3500 250 3750 x 5 **= 18750**	Scientist (Horticulture, Plant protection and Agronomy)	Adavibhavi	Kharif
9	Chilli	Integrated Pest Management in Chilli (Murda complex &Spodoptera)	-	UAS, Raichur	Sorghum seeds: 1 kg Imidacloprid (6Fs): 5 ml Yellow & Blue sticky traps: 20Nos. Pheromone traps with lures: 4 Nos. Neem cake: 2 qtl. Neem based insecticides: 800ml. Acetamiprid: 100ml.	300 200 1200 500 1000 400 500 4100 x5 **= 20500**	Scientists: (Entomology, Agronomy& Horticulture)	Jakkaladinni	Kharif
10	Fig	Integrated Crop Management in Fig	Turkey brown	UHS, B	*Pseudomonas sp*: 1 kg Zinc sulphate : 10 kg Magnesium sulphate: 10 kg Mancozeb 75 WP :01 kg Hexaconozol 5 EC Dicofol 18.5 % EC Name board	250 500 500 400 350 300 250 2550X5 **=12750**	Scientists : (Horticulture, Plant Protection & Agronomy)	Devasugur	Kharif/ Rabi
11	Mango	Integrated Crop Management in Mango		IIHR Bengaluru	Arka Mango special : 5 kg Cue lure traps : 10 No. Imidachloprid : 250 ml Wettable sulphur : 3 kg Name board : 1 No.	750 1250 700 500 250 3450 X 5 **=17250**	Scientists (Horticulture, Agronomy, Soil Science and Plant protection)	Mandalagera	Kharif/ Summer
	Livestock								
12	Small ruminants	Establishing fodder banks in sheep and goat rearing	Sheep & Goat	IGFRI, Dharwad	Seeds of Hedge lucerne: 1 kg CoFS-31:2 kg Styloxanthus: 2 kg Sesbania: 250g	600 800 900 150 2450x5 **=12250**	Scientists (Animal Scientist & Agronomy)	Adakalgudda , Jakkaldinni, Adavibavi& Mandalgera	-

Sl. No	Crop/ enterprise	Technology to be demonstrated	Name of variety/ hybrid	Source of technology	Name of critical input &Qty per demo (q)	Cost per demo (Rs.)	Team members	Village/ Taluka	Season
13	Dairy	Achieving optimum post weaning growth in calves with probiotics	Calves	TANUVAS Chennai	Biobloom powder – 2 kg	760 x 20 =**15200**	Scientists (Animal Science)	Adakalgudda , Jakkaldinni& Mandalgera	-
14	Sheep and Goat	Demonstration of species Specific Mineral Mixture for Sheep and Goat	Sheep	NIANP , Bangalore	Specific Mineral Mixture for Sheep and Goat – 6 kg	750x20 =**15000**	Scientists (Animal Science)	Adakalgudda , Jakkaldinni& Mandalgera	-
15	Dairy	Popularization of Integrated Nano-fibers for induction oestrus in repeat breading cows	Nano-fiber	TANUVAS Chennai	Nano-fiber – 1 No./1 cows	500 X 20 (cows) =**10000**	Scientists (Animal Science)	Jakkaladinni &Raitnagarcamp	-
16	Sheep and Goat	Demonstration of multicut Fodder Sorghum variety-Cofs-31	Cofs-31	IGFRI, Dharwad	Seeds Cofs-31 – 2 kg	1000x10 =**10000**	Scientists (Animal Science& Agronomy)	Adakalgudda , Jakkaldinni, Adavibavi& Mandalgera	Kharif
17	Nutrigarden	Demonstration of Nutrition Gardens for Year Round Nutrition Security (New)	-	UAS B	Green Leafy Vegetables Other Vegetables Seeds: Fruit Plants/Ornamental/Medicinal Plants	**28000**	Scientists (Home Science, Horticulture &Plant protection), SS&H	DFI Villages	Kharif
18	Value Addition	**EDP on** Value addition to millets (Instant Products)	-	UAS B/D	2 SHGs	**30000**	Scientists (Home Science, Horticulture &Plant protection), SS&H	DFI Villages	
					Grand Total	**460905**			

To,

1. Copy submitted to the Director of Extension, UAS, Raichur for kind information.
2. Copy to the following concerned scientists.
   a. Dr. G. S. Yadahalli, Senior Scientist & Head
   b. Dr. Anupama C., Scientist (Home Science)
   c. Dr. Pralhad, Scientist (Animal Science)
   d. Dr. S.N.Bhat (Soil Science)
   e. Mrs. Hemalatha K.J., Scientist (Horticulture).
   f. Dr.Shreevani, G.N., Scientist (Agril. Entomology)
3. Office copy

Senior Scientist and Head
ICAR-KVK, Raichur