

**ICAR AGRICULTURAL TECHNOLOGY APPLICATION RESEARCH INSTITUTE, BENGALURU**

**SUMMARY OF APPROVED ACTION PLAN 2024-25**

**KVK, HASSAN**

**TECHNOLOGY ASSESSMENT (OFT)**

SL. NO.	CROP	TITLE	TRIALS (NO.)	NEW/CONTINUED	SEASON
1	Potato	Assessment of nutrient management practices in Potato	07	New	Kharif
2	Black Pepper	Assessment of improved Black pepper varieties against quick wilt	05	Continued	Kharif
3	Mulberry	Assessment of micronutrients application methods in Mulberry garden to enhance leaf yield and quality	07	New	Kharif
4	Coffee	Assessment of bio-pesticides effect on Mealy bug ( <i>Planococcuskenyae</i> ) management in Robusta Coffee	05	New	Kharif
5	Coffee	Assessment of suitable dryer for effective drying of Coffee	05	New	Rabi
6	Chrysanthemum	Assessment of incandescent light effect on performance of chrysanthemum flower yield	03	Continued	Rabi
7	Bengal gram	Assessment of nipping technology in Bengal gram for higher production	07	New	Rabi
8	Ginger	Assessment of different spraying equipment for effective application of nutrients and drudgery reduction	05	Continued	Kharif
9	Ginger	Assessment of improved ginger varieties for high yield	03	Continued	Summer
10	Green gram	Assessing the performance of short duration Green gram varieties in Hassan district	07	New	Summer
11	Mushroom	Assessment of alternate substrate for oyster mushroom cultivation for cost reduction	03	New	-
12	Coconut	Assessment of extension tools in popularization of releasing parasitoid ( <i>Goniozusnephantidis</i> ) for the management of black headed caterpillar	-	New	-
		<b>Total</b>			

**FRONTLINE DEMONSTRATION (FLD)**

**APPROVED ACTION PLAN 2024-25 KVK, HASSAN**

SL. NO.	CROP	TITLE	DEMO (NO.)	AREA (HA/UNITS)	SEASON
1	Maize	Demonstration on intercrop In Maize with Red gram (8:2) to enhance soil fertility	10	4.00	Kharif
2	Paddy	Demonstration of Micronutrient mixture for growth and yield enhancement in Paddy	10	4.00	Kharif
3	Field bean	Demonstration of Field bean (HA-5) as intercrop in coconut orchard to improve soil fertility	10	4.00	Kharif
4	Potato	Demonstration of seed tuber production through apical rooted potato (ARC)	05	0.50	Kharif
5	Sugarcane	Demonstration of Entomo Pathogenic Nematode ( <i>Heterorhabditisindica</i> ) on root grub ( <i>Holotrichia spp.</i> ) management in sugarcane	10	4.00	Kharif
6	Tuberose	Demonstration of High yielding Tuberose hybrid – Arka Prajwal	05	0.40	Kharif
7	Fish	Demonstration on polyculture of Grass carp, Jayanthi Rohu and Amur common carp	10	10 units	Kharif
8	Fish	Demonstration on effective utilization of short duration water	05	5 units	Kharif

		bodies through Tilapia (GIFT) Cultivation			
9	Maize	Demonstration on nutrient enrichment of maize rind and husk as a animal feed	10	10 units	Rabi
10	Chilli	Demonstration of Chilli hybrid Arka Gagan for higher Yield	05	0.50	Rabi
11	Tomato	Management of South American leaf miner ( <i>Phthorimaea absoluta</i> ) in Tomato for higher income	10	1.00	Rabi
12	Arecanut	Demonstration of composting methodology for areca husk	05	5 units	Rabi
13	Arecanut	Demonstration of Spindle bug management in young Arecanut	10	2.00	Summer
14	Mulberry	Enhancing soil fertility and leaf yield of Mulberry through application of waste decomposer consortia	10	4.00	All season
15	Beekeeping	Demonstration of scientific bee keeping <i>Apis cerana indica</i>	10	10 units	All season
16	Machinery	Demonstration of 4 in 1 multi Crop Processing Machine	10	10 units	All season

SL. NO.	CROP	TITLE	DEMO (NO.)	AREA (HA/ UNITS)	UNIT COST (RS.)	BUDGET (RS)	SEASON
1.	Coconut	Demonstration of coconut de-husking machine for reduction of time and operational cost	10	10 units	1200	12000	All season
2.	Sheep	Demonstration on integrated health management along with wool-shearing	10	25 animals	3560	35600	All season
<b>Total</b>						<b>415790</b>	

**NUTRI-GARDENS****APPROVED ACTION PLAN 2024-25 KVK, HASSAN**

SL. NO.	CROP/ COMMODITY	TITLE	NO. OF DEMOS
1	Nurtigarden	Demonstration of Nutri-farms for year round nutrition security among farm families	25

**ENTREPRENEURSHIP DEVELOPMENT PROGRAM**

SL. NO.	CROP/ COMMODITY	TITLE	SHG/ FPO
1	Rice	Value addition, Branding and Marketing linkage of Rajmudi broken rice	SHG
2	Coconut	Entrepreneurship development on value addition of coconut husk	SHG