

Achievements of Front Line Demonstrations-2024

Sl. No.	Crop	Thematic area	Technology Demonstrated with detailed treatments	Area (ha)	
				Proposed	Actual
1	Rice	weed management	Application of Cyhalofop butyl + Penoxulam @ 135g/ha at 20 DAT	2	2
2	Maize	weed management	Pre-emergence application Atrazine 50 % wp @ 1.0 kg ai/ha followed by Tembotrine 115 ai ml/ha at 21 DAS(4-5 leaf stage)	2	2
3	Cotton	Weed management	Application of pendimethalin @ 1.0 Kg a.i./ ha as pre-emergence with Qiizalofop-p-ethyle @ 50g a.i./ ha and one hand weeding at 45 DAS minimizes weed in cotton and increases cotton yield.	2	2
4	Sunflower	Nutrient management	STB fertilizer application(RDF:60:80:60kg and :P2O5:K2O/ha)+ZnsO4@25kg/ha+Borax@10kg/ha+Biofertiliser(Azotobacter+Azospirillum+PSB 1:1:1@4kg/ha each)incubated with FYM for 7 days	2	2
5	Rice	ICT	Demonstration on effectiveness of short technology videos on technology adoption	3 SHG	3 SHG
6	Groundnut		Demonstration of usefulness of crop calendar for improving the technical knowledge of farmers and application of technology in groundnut	30	30
7	Rice	Farm Mechanisation	Demonstration of DSR by Multi crop-seed-fertilizer drill	2 ha	2 ha
8	Mushroom	Mushroom Production	Pre-cooling 6 kg paddy straw mushroom at 14°C for 2h followed by packing in 75 µ HIPS punnet (24 no of punnets with 250 g sample) can be transported to distant markets in modified EPS cabinet with 6 kg ice placed in the separate side compartment		
9	Tomato	Irrigation	Use of 50 micron mulch film with inline drip irrigation (emitter discharge 4 lph) operating for 1 hr-2hr daily and water use efficiency will be increased by 30-40% yield enhancement (15-20)%	0.8 ha	0.8 ha
10	Ground nut	Farm Mechanisation	Demonstration on tractor drawn multicrop seed cum fertilizer drill for sowing groundnut	2 ha	2 ha
11	Cow	LPM	Grazing+ concentrate +Bypass fat @15-20 gm/kg milk/day +Mineral mix @50g/cow/day	09 cows	09 cows
12	Goat	LPM	Feeding Kids (3m) with mineral mixture @10g/day/goat and Concentrate @ 50-70g/goat/day upto 60 days	60 goats	60 goats
13	Goat	LPM	Supplementation of 100g concentrate per day and 20g mineral mix for 30 days before parturition and upto 60 days after parturition	50 does	50 does
14	Poultry	LPM	Rearing of day old Vezaguda chick with proper brooding (feeding upto 21 days and vaccination upto 28 days) and further rearing in backyard system	400 nos. of DOC	400 nos. of DOC
15	Marigold	Floriculture	Early seed raising transplanting in october-nov NPK 100:200:100	0.4	0.4
16	Tuberose	Floriculture	Planting in june-july Spacing 30X30 N:P:K 160:160:160	0.4	0.4

Action Photograph of Frontline Demonstrations-2023

