OFT Details- 2022

Title of On Farm Trial	Problem diagnosed	Details of technologies selected for assessment/refinement	Source of Technology
Assessment of Package of practices for YSB management in direct seeded rice (DSR)	Low yield of Direct seeded rice due to attack of stem borer	FP-Seed treatment of Vitavax power (Carboxin 37.5% +Thiaram37.5%) @ 2.5gm/k seed TO 1-ST of imidacloprid 70 WS @ 5ml/kg seed + Flubendiamide 240 SC+Thiachloprid 240 SC @ 300 ml/ha TO2-ST With Carbosulfan 25 EC @5ml/kg of seeds followed by spraying of Spinetoram 6%+ Methoxyfenozide30SC@375ml/ha	NRRI,CUTTACK
Assessment of chilli varieties against leaf curl virus disease	Poor yield of Chilli due to leaf curl disease	FP : LOCAL VARITY-Krishan,(VNR),spraying of Imidachloprid 17.8sl@0.3ml/lit TO1::ARKA Tejasvi(IIHR2021),yield potential100q green,20q dry/acre, Tolerant to leafcurl virus, Seed treatment with Imidachloprid 600FS @ 5ml /kg seed and Foliarspraying of spiromesifen 22.9%SC @ 1 ml/ l of water twice at 30and 45 DAT TO2::KASHI ABHA(IIVR2019), yield potential80q green,15q dry/acre, dry/acre,Resistant to leafcurl virus Seed treatment with Imidachloprid 600FS @ 5ml /kg seed and Foliarspraying of spiromesifen 22.9%SC @ 1 ml/ l of water twice at 30and 45 DAT	IIHR,Bangalure
Assessment of Groundnut + finger millet(2:1) intercropping for higher productivity & efficiency under rainfed condition	Less Profit due to low yield in groundnut sole crop	FP-Less profit due to only groundnut cultivation or only millet (Sole Crop) TO1-Groundnut + P.pea (6:2) intercropping TO2- Groundnut + finger millet (2:1) intercropping for higher efficiency in productivity and LER	ICRISAT, 2018
Assessment of suitable varieties for value added products (Puree) of Tomato	Distress sale and spoilage due to high perishability nature of tomato	FP-Value added product of local variety TO1-Value added product of tomato Var- ArkaVishesh TO2-Value added product of tomato Var- ArkaApeksha	IIHR,Bengaluru,2019
Assessment of poultry breed in backyard	Low income from rearing of non-descriptive desi poultry breed	FP- Backyard rearing of desi birds TO1-Backyard rearing of poultry breed “Kaveri” with balanced feeding, vaccination T02-Backyard rearing of poultry breed “Kalinga Brown” with balanced feeding, vaccination	CPDO & KVK,Anjaw,ICAR-RCfor NEH region, Arunchal Pradesh,2017

Title of On Farm Trial	Problem diagnosed	Details of technologies selected for assessment/refinement	Source of Technology
Assessment of High Yielding varieties of Wheat for Irrigated Medium land	Cultivation of low yielding wheat variety	FP-Cultivation of wheat variety (HD 2894) TO1-RVW 4106 .It matures in 105-110days, Resistant to black and brown rust disease , Average Yield Potential-5.0q/ha TO2-CG 1023. It matures in 105-115days, recorded chapatti making quality, Zn content is High , Average Yield Potential-4.7q/ha	RVSKVV, Gwalior,2011 IGKV Raipur 2018 IGKV Raipur 2020
Assessment of performance of grafted brinjal under different spacing	High Wilting in Hybrids of Brinjal	FP-Planting of Hybrid Brinjal VNR-218,Plant at 1m X 2 m TO-1Planting of Grafted Brinjal Plant at 1m X 1 m TO-2Planting of Grafted Brinjal Plant at 1.5m X 1.5 m	TNAU2017