Front Line Demonstration (2025-26)

TITLE OF FLD	CODE	FARMERS PRACTICE	DETAILS OF TECHNOLOGIES	OBSERVATION PARAMETERS
Demonstration on maize + cowpea intercropping system for enhancing productivity and profitability (NEW)	25FAG (13K)	Cultivation of maize	Maize+ Cowpea row ratio of 2:2 along with application of STBFR (120-75-75 kg N:P2O5:K2O/ha) + FYM(10 t/ha)+ Biofertilizer consortia @ 12 kg/ha + Zn @ 5 kg/ha produced higher maize equivalent yield and net return and may be recommended forNCPZ	Equivalent Maize, Yield, Net Return and BC ratio
Demonstration on Integrated Nutrient management in Litchi (NEW)	25FHO09 (K/R)	Fertilizer application NPK @120:80:60 Kg/ha	Application of Arbuscular mycorrhiza (AM) @ 250g, Azotobacter @ 100 g and Tricoderma@ 100g per tree incubated in 5 kg FYM or vermicompost per tree supplemented by NPK@150:150:150g/plant/year, supplementation with ZnSo4 @ 0.4% and Borax@ 0.4% applied twice in a year in split doses.in month of February and August. Source-NRC on Litchi, 2018	Fruit(Kg)/Plant, Gross return, yield(q/ha). B: C ratio

Front Line Demonstration (2025-26)

TITLE OF FLD	CODE	FARMERS PRACTICE	DETAILS OF TECHNOLOGIES	OBSERVATION PARAMETERS
Demonstration on different mulching on growth & yield of Strawberry (NEW)	25FHO11 (R)	No use of polythene mulch	fertilizers (NPK@ 120:80:60 kg/ha) only Transparent polythene mulch Source-Visva-Bharati, Sriniketan, West Bengal,2014	Plant ht.(cm), No. of runners, yield(q/ha), B:C Ratio
Demonstration on integrated nutrient management in chilli (NEW)	25FSS6(K/R)	Application of FYM @ 1 t /ha with fertilizer @ 30-40-40 kg N-P_2O_5-K_2O /ha	Soil test based NPK application + Vermicompost @ 2t /ha + Bio-fertilizer (Azotobacter, Azospirillum and PSB, 1:1:1 @ 4 kg each per ha) incubated with FYM @ 1:25 ratio for 7 days	Plant height (cm), No of fruits/plant, single fruit weight (g), soil fertility status, Yield
Demonstration on integrated nutrient management in Onion (NEW)	25FSS9 (R)	Only application of NPK	Application of NPK@120:60:100 Kg/ha, Consortia@ 4 Kg/ha, Borax@ 5 Kg/ha, Zn(10 Kg ZnSO4)	Effective tillers/hill, grains/panicle, test weight, soil fertility status, yield, economics

Front Line Demonstration (2025-26)

TITLE OF FLD	CODE	FARMERS PRACTICE	DETAILS OF TECHNOLOGIES	OBSERVATION PARAMETERS
Demonstration of Single row vegetable Transplanter (NEW)	24 FAE04(K)	Manual Transplanting	Single row vegetable transplanter Source: AICRP on ESA, CAET, OUAT, 2017-18	Field capacity (ha/ha), Field efficiency (%), Germination percentage, Operational Cost Saving (Rs/ha),
Demonstration on engine operated post hole digger for establishment of trellis in pointed gourd (NEW)	24FAE05 (K)	Digging of holes by means of Phawra	Post hole digger having auger size vary from 4" to 9" equipped with 1.8hp 2-stroke petrol engine. Speed of auger is 170-280rpm Source: CIAE, Bhopal, 2015-16	Field capacity (ha/ha), Field efficiency (%), Germination percentage, Operational Cost Saving (Rs/ha),

Front Line Demonstration (2025-26)

TITLE OF FLD	CODE	FARMERS PRACTICE	DETAILS OF TECHNOLOGIES	OBSERVATION PARAMETERS
Demonstration on preparation of Moringa leaves powder (NEW)	**24FHS17 (K/R)***	**No value addition**	**Preparation of Moringa leaves Powder**	**Sensory evaluation, keeping quality, economics**
Demonstration on Low Input Technology (LIT) Poultry breed (RIR) on backyard (NEW)	**23FAS09(R)***			
Demonstration of Nutri-Cereal Mushroom cookies for enhancing the Inservice of SHG/FPOs (NEW)	**25FHS04 (R)**			

Front Line Demonstration (2025-26)

TITLE OF FLD	CODE	FARMERS PRACTICE	DETAILS OF TECHNOLOGIES	OBSERVATION PARAMETERS
Demonstration of green manuring Cow pea in Niger (Continued)	24FAG21(K)	No soil management	Demo- Green manuring of cow pea (sowing in 1st week of June, ploughed down in Aug 1st week) sowing of Niger in 2nd week of Aug.	No of weeds/m2,No, of fingers/Head, Yield, BC
Demonstration of soybean for diversification of upland rice (Continued)	24FAG23 (K)	Cultivation of upland rice	Demo - Soybean var.RSC-10-46 1460, 100-115 days duration, spacing: 30x10cm, NPK 20-80-40kg/ha, S@40kg/ha	No.of fruits/plant,Yield, BC
Demonstration on Integrated crop management in Sunflower (Continued)	24FAG19 (R)	FP: NPK (40-20-20 kg of N, P2O5 and K2O)	Demo: STD (RDF: 60:80:60 kg N: P2O5:K2O/ha) +FYM @ 5 t/ha and bio-fertilizer application (Azotobacter, Azospirillum and PSB, 1:1:1 @ 4 kg each/ha) incubated with FYM for 7 days for higher yield	Total N, Heads/plant, Seeds/Head,Yield,BC

Front Line Demonstration (2025-26)

TITLE OF FLD	CODE	FARMERS PRACTICE	DETAILS OF TECHNOLOGIES	OBSERVATION PARAMETERS
Demonstration on Pineapple as intercrop in Mango Orchards (Continued)	24FHO14 (K)	Vegetable crop like Brinjal, Okra and Cowpea as intercrop in mango orchard	Pineapple (variety Queen) as an intercrop in bearing low density mango plantation (100 plants/ ha). Queen to be planted in double row system with spacing of 60 x 70 x 90 cm.. Source: IIHR, 2017-18	Yield of intercrop, yield of main crop, Equivalent yield, BCR
Demonstration on Dragon fruit cultivation (Continued)	23FHO027(K)	Cultivation of dragon fruit in bamboo/wooden pole	Cultivation of Dragon fruit in upland four plants in each pole with RDF +FYM. Single pole system planting is done at 3x3 m distance. Vertical height of pole 1.5m to 2m at which point they are allowed to branch and hang down Source: ICAR- CHES, Bhubaneswar 2017-18	No of fruits/hill, Days to flowering , Duration of flowering to fruiting(Days)
Demonstration on integrated crop management in rabi groundnut (Continued)	24FSS04 (K/R)	Application of recommended dose of fertilizers only	Seed treatment with Rhizobium, line sowing, 20-40-40 Kg NPK/ha along with 40 kg S/ha, Foliar spray of @0.03 % B twice at 10days interval starting from 30 days after sowing, Pre-emergence application of oxyfluorfen @ 0.04kg/ha	No. of branches/ plant, pods/plant, yield, soil nutrient status, cost saving, oil content, economics

Front Line Demonstration (2025-26)

TITLE OF FLD	CODE	FARMERS PRACTICE	DETAILS OF TECHNOLOGIES	OBSERVATION PARAMETERS
Demonstration on Integrated Nutrient Management in Potato (Continued)	24FSS10(R)	Application of FYM-5t/ha, N:P:K-80:60:40 kg/ha	Application of FYM-20t/ha+ STBF+ Foliar application of Borax (0.1%) at 40, 50 and 60 days interval after planting of potato.	No. of tuber/plant, avg. tuber wt, soil nutrient status, yield, cost saving in nutrients, economics
Demonstration of Tractor drawn Seed cum Fertilizer Drill for sowing of Groundnut (Continued)	23FAE03 (R)	Broadcasting method of sowing	Sowing by Tractor operated Seed cum fertiliser drill Source: AICRP on UAE, CAET, OUAT, 2017-18	Field capacity (ha/ha), Field efficiency (%), Germination percentage, Operational Cost Saving (Rs/ha), MD Saving (MD/ha), Yield (q/ha), B:C Ratio
Demonstration of tractor drawn multi crop seed cum fertilizer drill for direct seeding of rice (Continued)	23FAE01 (R)	Broadcasting	Tractor operated multi crop seed cum fertilizer drill Source: AICRP on UAE, CAET, OUAT, 2017-18	Field capacity (ha/ha), Field efficiency (%), Germination percentage, Operational Cost Saving (Rs/ha), MD Saving (MD/ha), Yield (q/ha), B:C Ratio

Front Line Demonstration (2025-26)

TITLE OF FLD	CODE	FARMERS PRACTICE	DETAILS OF TECHNOLOGIES	OBSERVATION PARAMETERS
Demonstration on usefulness of crop/livestock calendar for improving the technical knowledge of farmers and application of technology (Continued)	24FEE02 (Y)	Existing agricultural technical print material	Supply of agricultural calendar for improving groundnut production through technical knowledge of farmers	Applicability of calendar, Accessibility of calendar, Knowledge level changes in income
Demonstration on transfer of technology through harnessing human values in agriculture (Continued)	24FEE03 (Y)	Technology is often transerred through progressive farmers/ change agents	Progressive farmers designated by an organization as per the domain of specialization serves as an ambassador of change in the process of technology transfer.	Horizontal spread of tech, Social values in his society
Demonstration on preparation of value added products from Tamarind (Continued)	23FHS10(K/ R)*	Distress sale	Preparation of Tamarind sauce	Sensory evaluation, keeping quality, economics