

On Farm Testing (Conducted during 2023)

Title	Technology	Photo
No tillage of rapeseed (var. TS-38) in rice (var. RC Maniphou 15) fallow under rainfed condition of Bishnupur District	1.Selection of varieties: Rice var. RC Maniphou 15, Rapeseed var. TS-38 (Early maturing high yielding variety) 2.Seed rate : Rice-40 kg/ha, Rapeseed-6kg/ha (sown in between 25 cm standing rice stubble in lowland) 3.Nutrient management:Rice- N:P ₂ O ₅ :K ₂ O kg/ha @ 60:40:30 kg/ha, Rapeseed- Application of N:P ₂ O ₅ :K ₂ O kg/ha @ 40:20:20 kg/ha. Total SSP+ 1/2 MOP at or before sowing when there is moisture in the field, first 1/2 urea when 1-2 true leaves emerged and remaining half urea + remaining half MOP at 25-30 days after first application.	 
Varietal performance of finger millet var. VL-Mandua 379 with improved agronomic practices during kharif season	T ₁ - Varietal performance of finger millet var. VL- Mandua 379 with improved agronomic practices during kharif season T ₂ - VL Mandua 376 T ₃ - Local cultivar closed type finger millet 1. Seed rate: 8 kg/ha 2. Spacing: 22 cm X 8 cm 3. N:P ₂ O ₅ : 40:30 kg/ha	 
Varietal performance of Garden pea var. Kashi Ageti	Garden pea var. Kashi Ageti, Seed rate- 80kg/ha, Spacing-60cmx15 cm, NPK-20:60:40kg/ha	
Growth performance of Rohu Carp (L.rohita) fingerlings under periphyton based fish farming	Technology: T1: substrate for periphyton (bamboo poles) Spacing 3ft x 3ft. Spreading: 1/3 of pond surface. Fish Stocking Rate : 1/sq.m Culture Period : 8 months Area : 0.09 ha	
Value addition of jackfruit (Chips)	Preparation with blanching • Cutting of fully matured unripe jackfruit. Peeling and deseeding • Deseeded bulbs cutting longitudinal into finger like pieces • Blanching into hot water with 1% KMS for 5 minutes • Dried in drier @ 42°C Farmers Practice. • Preparation without blanching	
Assessment of multi grain millets cookies	Beat 50g butter and sugar powder 30g till fluffy • Add millet flour (Ragi, sorghum, bajra @ 30:40:30) till soft dough and add 5ml vanilla essence. • Spread out dough on butter paper and roll it • Cut into shape and perforate it • Bake it for 15 min at 180 degree in preheated oven	
IPM in Chilli	T1: 20 sticky traps/acre; application of Beauveria bassiana @2g/l at 10 days interval T2: Spraying of Emamectin benzoate @ 0.3ml/l T3: (Farmer Practice): Existing practices of applying insecticides.	
Management of purple blotch in onion. (1 st yr)	T1: Application of mancozeb @ 0.25% + propiconazole @0.1% thrice at 10 days interval from 30 DAT T2: Application of Mancozeb @ 0.25% T3: Farmers practice: Existing practices of applying insecticides.	
Phosphorous management in Rice-Mustard sequence	T1: Rice treated with 75% of RD (40 P ₂ O ₅ kg/ha) of P ₂ O ₅ + PSB 50g/kg seed and mustard treated with 75% of RD (60 P ₂ O ₅ kg/ha) of P ₂ O ₅ T2: RD of 40kg/ha P ₂ O ₅ in rice and 60kg/ha P ₂ O ₅ in mustard T3: Imbalance application of P ₂ O ₅ in rice and zero P ₂ O ₅ in mustard	
Assessment of Nano urea application in rice cultivation	Nano urea application in rice T1: Nano urea @ 3 ml/lit water at tillering and panicle initiation stage + 50 % N (30 Kg/ha) at basal dose + 100 % P2O5 (40 Kg/ha) at basal dose + 100 % K2O (30 Kg/ha) at basal and tillering stage	
Treatment with sugarcane leave for expulsion of placenta in cows	About 30 leaves of sugarcane are fed to the cows after parturition for expulsion of placenta.	