

Best OFT from each KVK as per following format

Year	Name of KVK	Crop/Component	Season	Technology assessed	Farmers' practice	OFT yield (q/ha)	Yield (q/ha) in farmers' practice	% increase in yield
2024-25	Jagatsinghpur	Rice	Kharif 2024	Assessment of INM in rice crop TO1-100% NPK as per soil test TO2-(50%N + 100%PK) as per soil test + Green Manure (<i>Sesbania aculeata</i>)	Application of chemical fertilizer N:P ₂ O ₅ :K ₂ O:Zn (75:45:35:0) kg ha ⁻¹	48.90	43.50	12.41
		Fishery	Rabi 2024-25	Assessment of different Anti-ectoparasite formulation for control of Anchor worm & carp lice	Application of synthetic pyrethroits like cypermethrin 10 % EC/deltamethrin 2.8% EC	28	25	12
		Bittergourd	Rabi 2024-25	Assessment of fruit fly management in Bitter-gourd	Application of Chlorpyriphos @1.0L/ha	88.21	58.9	49.76
2023-24	Jagatsinghpur	Rice	Kharif 2023	TO1-100% NPK as per soil test TO2-(50%N + 100%PK) as per soil test + Green Manure (<i>Sesbania aculeata</i>)	Application of chemical fertilizer N:P ₂ O ₅ :K ₂ O(75:42:35) kg ha ⁻¹	TO1-46.7 TO2-48.9	FP-43.5	TO1-7.35 TO2-12.41
		Bitter gourd	Rabi 2023-24	TO1- Soil application of Chlorpyriphos 1.5% dust @ 25kg/ha at 30 DAG, application of poison bait (Jaggery 100gm + Cartap hydrochloride 2g + water 1.0L), Cuelure @ 20 nos./ha., Periodical removal of damaged fruits	Application of Chlorpyriphos @1.0L/ha	TO1-85.4 TO2-8.21	FP-58.9	TO1-44.99 TO2-49.76

				TO2_ Placement of Food bait @ 20 nos./ha (mixture of 1kg cucumber pulp + 50g jaggery, 100 ml cow urine, 0.5L of water soaked overnight & diluted to 05L + 10 ml Malathion) at 20 DAS, installation of Cuelure @ 25 nos./ha and spraying of Spinosad 45% SC @ 200 ml/ha twice at 45 & 60 DAS				
		Sprinkler irrigation in Greengram	Rabi 2023-24	TO1-One Irrigation at Pre-flowering Stage using sprinkler TO2- Two irrigation: One at Pre-flowering and Pod filling stage	No irrigation	TO1- 5.8 TO2- 7.2	FP- 4.4	TO1- 31.8 TO2- 63.4
2022-23	Jagatsinghpur	Rice	Kharif-2022	TO1: Fixing of Pheromone trap @ 8 traps/ha, solar light trap for monitoring YSB and application of Chlorantraniliprole 0.4 G @ 10kg/ha at 25DAT (Source: NCIPM Annual Report-2019) TO-2: Spraying alternatively with Chlorantraniliprole 20% SC @ 150 ml /ha, Cartap hydrochloride 50% SP @ 1000g/ha and Triflumezopyrin 10% SC @ 240ml/ha at 25,50 and 65 DAT. (Source: NRRI Annual Report-2021)	Spraying of Cypermethrin @ 1000ml/ha	TO1: 43.17 TO2: 45.02	37.79	14.23 19.13
	Jagatsinghpur	Okra	Kharif-2022	TO1: Application of NPK fertilizers @ 150:50:75, Azotobacter, Azospirillum, PSB @ 2.5 kg/ha each and soil application of Borax @ 10kg/ha (Source:	Application of NPK fertilizers @ 100:50:50 only	TO1: 113.8 TO2: 116.4	102.6	10.91 13.45

				IARI Annual Report,2008) TO2: STBF + Seed treatment with Arka Microbial Consortium @ 10g/100g seed + Soil application with 5 kg AMC mixed with 500 kg FYM (Source: IIHR Annual Report,2012)				
	Jagatsinghpur	Mushroom	Kharif-2022	TO1: Square compact bed size (30 × 30 cm) Mushroom production by using crumpled paddy straw 5kg, soaking of straw in water for 5hrs in 2%CaCo3, 14-20 days age spawn at 2% of dry substrate weight and coarsely ground horse gram powder (at 2% dry substrate weight) TO2: Circular compact bed size -(45 cm diameter, 30 cm height) Mushroom production by using crumpled paddy straw 5kg, soaking of straw in water for 5hrs in 2% CaCo3, 14-20 days age spawn at 2% of dry substrate weight and coarsely ground horse gram powder (at 2% dry substrate weight)	Rectangular compact method Size-45x60x30 Mushroom production by using crumpled paddy straw -5kg with normal practice (soaking in water 5hrs with 2% calcium carbonate), unknown age of spawn, 3% of dry substrate weight), pulse powder 3% dry substrate weight, BE-8-10%	TO1:5.5 kg/10 beds TO2:6.8kg/10 beds	6.0kg/10 beds	-8.3 13.33

2021-22	Jagatsinghpur	Cauliflower	Rabi 2020-21	TO1: STB R(NPK) + Sulphur @ 30 kg ha ⁻¹ as basal application TO2: STBR (NPK) + 1 kg Boron as basal application TO3: STBR (NPK) + Sulphur @ 30 kg ha ⁻¹ + 1 kg Boron as basal application	N:P ₂ O ₅ :K ₂ O:S:B (120:60:80:0:0.25) kg ha ⁻¹	TO1: 268.30 TO2: 272.20 TO3: 288.60	252.20	6.38 7.93 14.43
		Chilli	Rabi 2020-21	TO1: Chilli variety- 'Arka Meghana'-F1 hybrid TO2: Chilli variety- 'Kashi Ratna'-CMS based F1 hybrid	Use of Chilli variety- Selection-1	TO1: 218.25 TO2: 206.30	164.97	32.29 25.05
		Poultry		TO1: Provisioning of feed with ground maize 35%, GNOC 23%, fish meal 10%, wheat bran 15%, Broken rice 15%, Di calcium phosphate 1%, vitamins amino acids 1.6%, salt 0.4%. TO2: Provisioning of feed with ground maize 30 %, GNOC 23%, fish meal 10%, wheat bran 15%, Broken rice 20%, Di calcium phosphate 1%, vitamins amino acids 1.6%, salt 0.4%.	Confined feeding of colour birds with commercial feed in confined housing., unbalanced feeding in backyard rearing of birds.	TO1: 784 g TO2: 742 g	735 g	6.67 0.95
2020-21	Jagatsinghpur	Rice	Kharif	TO-I: Post emergence application of Bispyribac Sodium 10 SC @ 25 ml/ha at 25 DAT TO-II: Early PoE application of Almix	Hand Weeding at 30-40 DAT	TO-I: 46.1 TO-II: 42.8	38.1	TO-I: 20.99 TO-II: 12.33

				20 WP (metsulfuron methyl 10% + chlorimuron ethyl 10% WP) @ 4 g/ha at 15 DAT				
Jagatsinghpur	Okra	Kharif	TO-I: Use of Okra hybrid Arka Nikita TO-II: Use of Okra hybrid Kashi Kranti	Use of Okra hybrid Radhika	TO-I: 138.6 TO-II: 112.4	81.8	TO-I: 69.43 TO-II: 37.40	
Jagatsinghpur	Rice	Kharif	TO-1: Seed treatment with either Tricyclazole @ 3 gm/kg of seed or carboxin 37.5%+ thiram 37.5% @2.5 gm/kg and foliar spraying of either tricyclazole @ 300gm/ha or spraying of Isoprothilane 40% EC @ 750 ml/ha twice at 15 days interval TO-II: Seed treatment with carboxin 37.5%+ thiram 37.5% @2.5 gm/kg .Two sprays of Trifloxystrobin 25% + Tebuconazole 50% (Nativo 75 WG) @ 200 g/ha at 15 days interval starting first spray at disease (leaf blast) appearance	Application of Tricyclazole @ 2 gm/lit	TO-I: 42.8 TO-II: 46.1	38.1	TO-I: 12.3 TO-II: 20.9	