

Annual Action Plan (2021-22)

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On Farm Testing (Discipline–Wise Summary)

Discipline	Сгор	Trials	Discipline	Crop/enterprise	Trials
Agronomy	Paddy	4	Animal Science	Poultry	3
				Pig	3
Horticulture	Sweet Potato	4	Community Science	Muga coccon	3
	French Bean	4		Moringa	4
Soil Science	Potato	5		Eri silk worm	3
	Scented Rice	3			
Plant Protection	Рарауа	3		Product	3
	Ginger	3		diversification	
TotalNo. of OFT=13No. of trial=45					

On Farm Trial – Agronomy

Title	Evaluation of Bio-fortified paddy varieties CR Dhan 310 and CR Dhan 311
Problem Diagnosed	Lack of bio fortified paddy variety
Thematic area	Varietal evaluation
Technology Source of	T_1 = CR Dhan 310 T_2 = Cr Dhan 311 T_3 = Farmer's Variety ICAR-NRRI, Cuttack
Technology	
No. of Trial (Area)	4 (1 ha)
Parameters of assessment	Plant height, No. of panicle/hill, 1000 grain wt , grain Yield/ha, Pest & disease incidence, B:C ratio ,Farmers reaction,



On Farm Trial – Horticulture

Title	Evaluation of Bio-fortified Sweet Potato variety Bhu Sona and Bhu Krishna	Sweet Potato: Bhu Sona (Pure line variety)
Problem Diagnosed	Lack of bio fortified sweet potato variety	β-carotene 14.0 mg/100g
Thematic area	Varietal evaluation	 High β-carotene (14.0 mg/100 g) content as compared to 2.0-3.0 mg/100 g β- carotene in popular varieties Tuber yield: 19.8 t/ha
Technology	T ₁ =Bhu Sona T _{2 =} Bhu Krishna T _{3 =} Farmer's Variety	 Dry matter: 27.0-29.0% Starch: 20.0% Total sugar: 2.0-2.4% Adaptation: Odisha Developed by ICAR-Central Tuber Crops Research Institute, Thiruvananthapuram, Kerala
Source of Technology	ICAR-CTCRI, Kerela , 2017	Sweet Potato: Bhu Krishna (Pure line variety)
No. of Trial (Area)	4 (0.26 ha)	Anthocyanin
Parameters of assessment	Vine length, No. of tubers/plant, Av. Fruit weight, Yield/plant, Yield/ha, Pest & disease incidence, B:C ,Farmers reaction,	 90.0 mg/100g High anthocyanin (90.0 mg/100g) content in comparison to popular varieties which have negligible anthocyanin content Tuber yield: 18.0 t/ha Dry matter: 24.0-25.5% Starch: 19.5% Total sugar: 1.9-2.2% Salinity stress tolerant

- Adaptation: Odisha
- Developed by ICAR-Central Tuber Crops Research Institute, Thiruvananthapuram, Kerala

On Farm Trial – Horticulture

Title	Varietal performance of French Bean variety Arka Arjun	
Problem Diagnosed	Low yield of locally available variety and susceptibility to MYMV disease.	
Thematic area	Varietal evaluation	
Technology	T ₁ =Arka Arjun T _{2 =} Farmer's Variety	
Source of Technology	ICAR-IIHR, Bengaluru, 2018	
No. of Trial (Area)	4 (0.26 ha)	
Parameters of assessment/ refinement	Plant height, No. of fruits/plant, Av. Fruit weight, Yield/plant, Yield/ha, Pest & disease incidence, B:C ,Farmers reaction,	
Pla gree	ints are bushy, vigorous and photo-insensitive. Pods are en, stringless with smooth surface. Suitable for both rabi and summer. Resistant to MYMV disease. Pod Yield: 17 t/ha in 70 days.	

On Farm Trial – Soil Science

Title		Effect of furrow application of lime on growth and yield of potato in acid soil	
Thematic area		Nutrient management	
Problem diagnosed		Decrease in productivity due to soil acidity and poor use of soil amendments	
	T ₁	Lime @ 2-4 q/ha (based on soil pH) + 50% RDF	
Technology	T ₂	RDF (NPK @ 60:100:100 kg/ha)	
	T ₃	Farmers practices	
Source of technology		ICAR NEH Barapani	
No. of trial (area)		5 (0.6 ha)	
Parameter for assessment		 Initial and final soil status, crop yield, B:C ratio 	

On Farm Trial – Soil Science

Title		Fertilizer Prescription equations for Targeted Yield of Scented Rice	
Thematic area		Nutrient management	
Problem diagnosed		Unaware about judicious fertilizer application	
Technology		Targeted Yield 40 q/ha IPNS (N, P and K fertilizer based on soil test values + Vermicompost @ 2 t/ha.). Amount of N, P and K fertilizer will be adjusted after analysis of initial soil and FYM sample	
	T ₂	Targeted Yield 40 q/ha Inorganic (Only N, P and K fertilizer based on soil test values)	
	T ₃	Farmers practices	
Source of technology		AAU, Jorhat	
No. of trial (area)		3 (0.6 ha)	
Parameter for assessment		 Initial and final soil samples treatment-wise Grain and straw yield data treatment wise Plant samples at harvest B: C ratio 	

On Farm Trial – Plant Protection

Title		Management of papaya mealy bug (Paracoccus marginatus).		
Thematic area		Integrated pest Management		
Problem diag	gnosed	Heavy damage to the crop particularly during fruiting stage		
T ₁		 Dusting of Chlorpyriphsos 1.5% dust, Spot spraying of Neem oil (1-2%) NSKE (5%) Thiomethoxam 25 WG (0.6/I), Destruction of ant colonies with drenching of Chlorpyriphos 20 EC @ 2 ml/I. 		
Technology	T ₂	Application of Thiomethoxam 25 WG Spot spraying of Neem oil (1-2%) NSKE (5%) , Destruction of ant colonies with drenching of Thiomethoxam 25 WG		
	T ₃	Farmers practice (use of ash/wide range of chemical etc)		
Source of technology		AAU, Jorhat, 2015		
No. of trial	Area	0.1 ha		
INO. OF THAT	Trial	3		
Parameter for assessment		 Adult female count, Flowering/fruiting count, Yield, B:C ratio, 		

On Farm Trial – Plant Protection

Title		Management of wilt and rhizome rot of ginger using Biogreen.	
Thematic area		Biological Control	
Problem diagnosed		Recurrent occurrence of soft rot in the area and economic loss	
Technology	T ₁	 Treatment of ginger rhizomes with biogreen @ 5% for 1 hour Soil application of Biogreen 2.kg mixed with 1q FYM, incubation for 7 ddays and application after 30, 60, and 90 days of planting Spraying of Biogreen 5% solution after 60, 90 and 120 days. 	
	T ₂	Farmers practice (use of fungicides)	
Source of technology		DBT-AAU Centre, Programme on Bio pesticides, AAU, Jorhat-13	
No. of trial Are	Area	0.1 ha	
	Trial	3	
Parameter for assessment		•No of infected plants •Disease incidence (%) •Yield, B:C ratio	



OFT – Animal Science

Title		Performance of BV-380 layer chicken in semi intensive rearing			
Thematic area		Breed introduction			
Problem diagnosed		Low productivity of indigenous chicken			
Tochnology	T ₁	BV 380 chicks as quality inputs	3V 380 chicks as quality inputs		
lecinology	T ₂	ndigenous chicken			
Source of technology		Venkateshwara Research and Breeding farm P. Ltd, Pune			
No. of trial		3			
Parameter for assessment		 Adaptability Weight gain per month Age at 1st lay Hens house egg production B:C 			

OFT – Animal Science

Title		Performance of HD-K75 breed of pig under intensive system of management	
Thematic area		Breed introduction	
Problem diagnosed		Poor growth of the indigenous pigs	
Technology	T ₁	9 nos HD-K75 piglets (2 Male + 7 Female)	
	T ₂	Farmers' practice- performance of indigenous pig	
Source of technology		AICRP on pig, AAU, Khanapara, Assam	
No. of trial		3	
Parameter for assessment		 Growth performances Age at first heat Nos. of piglets born per farrowing Occurrence of diseases 	

On Farm Trial – Community Science

Title	Post harvest technology of muga cocoon	Total no. of sericulture
Thematic area	Post harvest technology of yarn/fibre	<u>16650</u>
Problem diagnosed	Poor reeling efficiency leads to wastage of cocoon yarn	Eri rearing 9679 no.s Muga rearing 4647 no.s
	T₁ - Sodium carbonate/ Cooking soda (Alkali) 2gm and 6gm+ non ionic liquid detergent (slippery substance- eazy liquid detergent)(1%)	Mulberry rearing 2324 no.s Muga fiber Production 127 MT
Technology/ Social concept	 12- Plaintain Straw ash extract (alkali) (1.25%) + outenga (slippery substance) (1%).Cooking Time- 25-30 minute T₃- paddy straw ash extract (Alkali)(8.75% + Taportenga (slippery substance) (1%) . No. of Cocoon: 400 No.s in 2000ml. 	M:L - 1:20
Source of Tech.	TAD, College of Community science, AAU Jorhat.	
No. of trial	3 unit	
Parameter	Correct cooking condition, length of cocoon filament, reelability percentage, raw silk percentage of cocoon	

On Farm Trial – Community Science

Title	Effect of <i>Moringa oleifera</i> (Drumstick) seed for cleaning water.		
Thematic area	Water purification		
Problem diagnosed	 Use of highly turbid and untreated pathogenic surface water leads to various diseases. Costly Aluminum sulfate has many health hazards. 		
Technology/ Social concept	Treat Low, medium and high turbidity water with seed kernel of Moringa <u>Dose:</u> Low turbidity 1 seed / 4 liter Medium turbidity- 1 seed / 2 liter High turbidity- 1 seed / 1 liter Extreme Turbidity- 2 seed /1 liter Farmers Practice: without treatment		
Source of Tech.	Farmers ITK and University of Gondar, Uthiopia		
No. of trial	4 unit		
Parameter	 Cleaning of water Percentage of bacteria present in water after treatment 		

On Farm Trial – Community Science		
Title	Differential feeding pattern of eri silk worm and its effect on cocoon quality in Kokrajhar district.	Total sericulture village In District
Thematic area	Silk worm rearing	• 535
Problem diagnosed	Lack of knowledge on standardized feeding pattern effect cocoon quality.	•Eri rearing done is 58%.
Technology/	T ₁ - Feeding on Tapioca leaves.	
Social concept	T ₂ - Feeding on Gamari leaves (FP)	% of farmers feed Castor
	T₃- Control (Kesseru leaves)	leaves as primary food 100%
	2 cycles	% of farmers feed kesseru as
Source of Tech.	College of sericulture, AAU, Jorhat.	secondary food is 37%.
No. of trial	3 units	% of farmers feed tanioca
Parameter	Effective rate of rearing, 5 th instar Larval weight, mean length of larvae, mean length of silk gland, cocoon weight, shell weight, silk ratio, fecundity and hatchability.	and Gamari as tertiary food is 65 and 77 respectively.



Feeding pattern of Eri larvae a) Castor Leaf b) Kesseru c) Tapioca d) Gamari.

On Farm Trial – Community Science

Title	Fusion of traditional motif and design of <i>Rabha</i> and <i>Bodo</i> community of Assam to produce diversified hand-woven products through CAD	
Thematic area	Weaving	
Problem diagnosed	Lack of diversified design limit weavers to weave repetitive design.	
Technology/ Social concept	 T₁- Fusion of <i>Bodo</i> and Rabha design through CAD technology. Diversified Handwoven products will be Sadar mekhela. Cushion covers 	
	T₂- Traditional Rabha and Bodo design.	
Source of Tech.	TAD, College of Community science, AAU Jorhat.	
No. of trial	3 unit	
Parameter	 Appropriateness or suitability of motif/ design on particular product(Visual evaluation score test). Arrangement of motif and design Color combination 	



Rabha Design Cushion cover

FLD (Discipline–Wise Summary)

Discipline	Сгор	No. of demos proposed	Discipline	Crop/enterpri se	No. of demos proposed
Agronomy	Rice	10	Animal	Poultry	20
	Blackgram	5	Science		
Horticulture	Pumpkin	6		Health care	10
	Tomato	8		Fodder	5
	Strawberry	6			
Soil Science	Rice	10	Community	Dying	3
Plant Protection	Plant Tomato 10 Science	Science	Solar tent drier	4	
	Indian bean	10		Fruit harvester	3
	Banana	10		Total	119
Fishery Science	Composite fish culture	3			
	IFS	6			

Front Line Demonstration– Agronomy

Title	INM in Sali rice
Thematic area	Nutrient management
Problem diagnosed	Irrational use of chemical fertilizer
Technology	T ₁ : Organic manure @ 1 t/ha (on dry weight basis) mixed inocula of <i>Azospirillium amazonense</i> A-10 and <i>Bacillus megaterium P-5 @ 4 kg/ha (0.4 to 0.5 kg/</i> bigha), rock phosphate @ 10 kg P ₂ O ₅ (56 kg/ha or 7.5 kg/ bigha), MOP @ 40 kg K ₂ O/ha (67 kg Potash/ha or 9 kg/bigha) T ₂ . Farmer's Practice
Source of technology	AAU, Jorhat
Demo (Area)	10 (2.0 ha)
Parameter for assessment	 Initial and final nutrient status in soil Plant height, plant population, No. of panicle/hill, No. of seed/panicle Grain Yield (q/ha) B:C

Front Line Demonstration– Agronomy

Title	Demonstration Blackgram variety Sonkush/ Beki	
Thematic area	Varietal performance	
Problem diagnosed	Loss due to Cercospora leaf spot, YMV	
Technology	T ₁ : Blackgram Variety Sonkush/Beki T _{2:} Farmer's Practice	
Source of technology	RARS, Shillongoni,AAU	
Demo (Area)	5 (0.35 Ha)	
Parameter for assessment	 Plant height Disease occurrence . Yield B:C 	

Front Line Demonstration-Horticulture

Title	Commercial cultivation of Pumpkin F1 Hybrid variety Arjuna	
Technology	Demo Arjuna F1 Check var. Other hybrid	
Source of technology	East West Seeds, 2014: POP, AAU, Jorhat	
Demo (Area)	6 0.4 ha	
Parameter for assessment	Yield/ha, B: C ratio	





Front Line Demonstration– Horticulture

Title	Popularization of Tissue culture strawberry variety Sweet Charlie and Winter Dawn	
Technology	Demo: Tissue culture var. Sweet Charlie and Winter Dawn Check var. runner propagated var. Sweet Charlie and Winter Dawn	
Source of technology	POP, AAU, Jorhat	
Demo (Area)	6 0.30 ha	
Parameter for assessment	yield/ha, B: C ratio	





Front Line Demonstration-Horticulture

Title	Demonstration on High yielding tomato variety Arka Abhed /Arka Samrat	
Technology	Demo: Arka Abhed /Arka Samrat Check: Farmer's Practice	
Source of technology	ICAR-IIHR, Bengaluru, 2018	
Demo (Area)	8 0.67 ha	
Parameter for assessment	Yield/ha, B: C ratio	





Front Line Demonstration– Soil Science

Title	Response of Rice to Zn solubilizing bacteria Zn nutrition (Var Ranjit Sub 1)	
Thematic area	Nutrient management	
Problem diagnosed	Low yield due to Zn deficit in soil and unaware about ZSB	
Technology	RD of NPK @ 40:20:20 kg/ha + consortia of ZSB as seedling root dip treatment @ 3.5 kg/ha	
Source of technology	AAU, Jorhat	
Demo (Area)	5 (2.0 ha)	
Parameter for assessment	 Initial and final NPK& Zn status Plant height Total tillers, effective tillers Yield B:C 	



Front Line Demonstration– Soil Science

Title	Response of K solubilizing bacteria in reduction of potassic fertilizer in Sali rice (Var Ranjit Sub 1)	
Thematic area	Nutrient management	
Problem diagnosed	Unaware about the use of KSB to reduce the chemical fertilizer	
Technology	RD of NPK @ 40:20:10 kg/ha + consortia of KSB as seedling root dip treatment @ 3.5 kg/ha	
Source of technology	AAU, Jorhat	
Demo (Area)	5 (2.0 ha)	
Parameter for assessment	 Initial and final NPK status Plant height Total tillers, effective tillers Yield B:C 	

bacteria in reduction of potassic fertilizer in sali Rice KRISHI VIGYAN KENDRA, KOKRAJHAR ASAM KARCUTNAL UNWERNTY oosanakon, tejamaa 2020-21

Front Line Demonstration– Animal Science

Title	Supplementation of Area Specific mineral mixture (AAU VETMIN) with concentrate feed for enhancement of performance in crossbred cow	Assessment of productive performance of "Kamrupa" bird under backyard system of rearing.
Problem diagnosed	Low yield of milk and problems in fertility	Low productivity of the indigenous chicken
Thematic area	Health care	Breed introduction
Technology	Supplementation of AAUVETMIN for 6 month @ 40 gm/day	Kamrupa chicken as quality chick inputs
Source of technology	College of Veterinary Science, AAU, Khanapara, Assam	College of Veterinary Science, AAU, Khanapara, Assam
No of Demo	10	10
Parameter for assessment	 Avg milk yield Fertility status (Anoestrus, Repeat breeding) Lactometer reading B:C 	 Weight gain at 30 days intervals Age at 1st lay Hens house egg layings Occurrence of diseases B:C

Front Line Demonstration– Animal Science

Title	Demonstration on rice bean (fodder)	Popularization of Rainbow Rooster chicken under backyard system of rearing
Problem Diagnosed	Low productivity of goat due to scarcity of green grass	Low productivity of the indigenous chicken
Thematic area	Fodder production and quality enhancement	Breed introduction
Technology	-Cultivation of Rice bean (Variety: Shyamalee-1) - Rice bean: 25 kg/ha -35 cm X 10 cm (Row-row and Plant to plant) -Manures and fertilizer: compost or FYM @ 4-6 t/ bigha -N:P:K 6:35:5 (kg/bigha)	Rainbow Rooster chicken as quality chick inputs
Source of technology	AAU, Jorhat	INBRO research breeding farms Pvt Ltd
No of Demo	5 (0.13 ha)	10
Parameter for assessment	 Green fodder yield Weight gain of goat B:C 	 Weight gain at 30 days intervals Age at 1st lay Hens house egg layings Occurrence of diseases B:C

Front Line Demonstration– Plant Protection

Title	Organic management of insect pests of tomato.				
Thematic area	Integrated Pest Management				
Problem diagnosed	The crop got purely dependent on chemical for production. It increased the cost of production.				
Technology	 T₁ Marigold transplanting, Regular monitoring and collection /Destruction of fruit borer, <i>Spinosad</i> 45 SC @ 0.3 ml/l Installation of sex pheromone traps, T₂ Chemical treatment (Farmer's practice) 				
Source of technology	ICAR-NOFRI Tadong, 2014				
Demo (Area)	10 (0.67 ha)				
Parameter for assessment	 White fly, fruit and shoot borer and <i>Helicoverpa</i> count, Damaged fruit count, Yield, B:C ratio, 				





Front Line Demonstration– Plant Protection

Title	Ecofriendly management of <i>Helicoverpa armigera</i> in Indian bean.				
Thematic area	Integrated Insect Management.				
Problem diagnosed	Farmers are frequently applying high doses of wide ranges of insecticides to manage <i>H. armigera</i> which leads to high cost of production.				
Technology	T_1 - •Monitoring through the pheromone traps, •Spraying of Neem based pesticides •Hand picking of bigger larvae •Spraying of <i>Ha</i> NPV T_2 -Farmers practice (Insecticide spraying)				
Source of technology	NAU, Navsari				
Demo (Area)	10 (0.67 ha)				
Parameter for assessment	 •No of marketable fruits/plant •No of damaged fruits/plant •Yield/unit area •Benefit Cost Ratio 				



Front Line Demonstration– Plant Protection

Title	Management of panama disease in banana.
Thematic area	Integrated Disease Management.
Problem diagnosed	High economic damage due to prevalence of the disease.
Technology	 T₁-Diseases free suckers from disease free field, Dipping of suckers in carbendazim (0.2%) for 30 minutes, Application of nee m cake @ 250 grams/plant, Carbendazim drenching with 0.2% solution (2nd, 4th and 6th months after planting) Carbendazim injection @ 3ml of 0.2% solution (3rd, 5th, 7th months after planting) T₂-Without treatment
Source of technology	AAU, Jorhat, 2016
Demo (Area)	10(300 plants)
Parameter for assessment	•Yellowing of leaves, Wilting, Appearance of yellowish to reddish streaks in pseudostem, Yield, B:C ratio,







Front Line Demonstration- Community Science

Title	Dying of eri silk with natural dye with natural mordant	Low cost Solar tent dryer to dry chilly
Thematic area	Organic dye utilization and introduction	Energy saving tool / device
Problem diagnosed	Chemical mordant like potassium dichromate, stannous chloride, stannic chloride, ferrous sulfate, aluminum sulfate, cupric sulfate etc contains chemical as copper, cobalt, chromium, lead etc and are not are eco friendly.	• Open drying of chilly are susceptible to contamination with foreign materials, insects and fungal infestation which thrives in moist condition
Technology	Treatment of eri silk yarn with natural mordant. T1- <i>Baccaurea ramiflora lour</i> (leteku). T2- Termanalia chebula (Hllikha leaves). Dye- Annato seed.	T1- Low cost solar tent dryer Farmers Practice: open drying
Source of technology	TAD, College of Community science, AAU, Jorhat.	CIPHET, Banglore
No of Demo	3	4
Parameter for assessment	Colorimetric, rubbing fastness, washing durability, tensile strength , light fastness	Utility and drying time required. Farmers reaction B:C ratio

Front Line Demonstration- Community Science

Title	Fruit harvester for (sapota/mango/guava)				
Thematic area	Drudgery reduction tool				
Problem diagnosed	 harvesting with bamboo pole leads to damage of fruits and sometimes effect shelf life. 				
Technology	T1- Fruit harvester Farmers practice: harvesting with bamboo pole.				
Source of technology	CIPHET				
No of Demo	3				
Parameter for assessment	Damage in fruits Utility of time Farmers reaction.				

Front Line Demonstration– Fishery Science

Title	Production of Hotel Size Fish	Integrated fish cum duck culture	
Thematic area	Composite Fish Culture	Integrated Farming System	
Problem diagnosed	Non utilization of fish pond during pre-monsoon season	High cost of fish feed, Oxygen depletion of fish pond	
Technology	Fish culture with yearlings, Application of Cow dung, MOC and SSP to promote plankton production, Frequent liming to neutralize the ammonia level.	Raising of duck in pond periphery, Negligible to zero feeding to fish,	
Source of technology	Package of Practices on Fisheries and Aquaculture in Assam, AAU, Jorhat	Package of Practices on Fisheries and Aquaculture in Assam, AAU, Jorhat	
Demo (Area)	3 (0.4 ha)	3 (0.4 ha)	
Parameter for assessment	 Yield per Ha Feed conversion ratio Fish health parameters BCR 	 Yield per Ha Average weight gain of duck & Egg production. BCR 	

Front Line Demonstration– Fishery Science

Title	Integrated Pig fish horticulture
Thematic area	Integrated Farming System
Problem diagnosed	High cost of fish feed, Low production of horticultural crops. Low weight gain of pigs in traditional farming.
Technology	Scientific farming of pigs in the pond periphery, Cultivation of horticultural crops such as Banana, Lemon, Vegetables etc. in the periphery of the fish pond.
Source of technology	Package of Practices on Fisheries and Aquaculture in Assam, AAU, Jorhat
Demo (Area)	3 (0.4 ha)
Parameter for assessment	 Yield of fish per Ha Average weight gain of Pig & enhancement of horticultural crop production. BCR

Training Programmes (Farmers)

Discipline		Farmer Beneficiaries (Nos.)			
	Course (No.)	On	Off	Vocational	Total
Agronomy	9	-	200	25	225
Horticulture	7	-	125	50	175
Soil Science	9	_	225	-	225
Plant protection	6	-	150	-	150
Animal science	7	25	150	-	175
Community					
Science	5	75	50	-	125
Fishery Science	9	9	200	25	225
Total	52	100	1100	100	1300

Training Programmes (Rural Youth)

Discipline		Rural Youth Beneficiaries (Nos.)				
	Course (No.)	On	Off	Voc.	Total	
Agronomy	2	-	50	I	50	
Horticulture	4	75	-	20	95	
Soil Science	2	-	25	15	40	
Plant protection	5	-	75	50	125	
Animal science	4	50	25	10	85	
Community Science	5	25	50	30	105	
Fishery Science	2	-	50	-	50	
Total	24	150	275	125	550	

Training Programmes (Extension Personnel)

Discipline		Extension Functionaries (Nos.)			
	Course (No.)	On	Off	Total	
Agronomy	1	25	-	25	
Horticulture	1	-	20	20	
Soil Science	1	-	25	25	
Plant protection	2	-	50	50	
Animal Science	1	25	-	25	
Community Science	2		50	50	
Fishery Science	1	25	-	25	
Total	9	75	145	220	

Extension Activities

Extension	Nos.		Beneficiaries (No.)	Total	
Activity	Proposed	Farmers	Extn. Personnel	Rural Youth	
Diagnostic visit	110	200	-	100	300
Advisory service	400	250	-	150	400
Training Manual	9	125	25	75	225
Celebration of Important days	6	200	30	70	300
Exhibition	4	250	50	100	400
Exposure visit	8	100	-	50	150
Extension / technical bulletin	16	-	-	-	-
News letter	1	-	-	-	-
News paper coverage	26	-	-	-	-
Research publications	9	-	-	-	-
Success stories	12	-	-	-	-
Farm Science Clubs' Convenors meet	4	150	-	50	200
Farmers' Seminar	4	100	-	100	-
Ex-trainees' meet	2	200	-	50	250
Field day	22	600	40	200	840

Extension Activities

Extension	Nos.	Nos. Beneficiaries (No.)			Total
Activity	Proposed	Farmers	Extn. Personnel	Rural Youth	
Film show	4	250	-	150	400
Radio Talk	24	-	-	-	-
TV talk	3	-	-	-	-
Kishan Goshthi	4	200	-	100	300
Group Meeting	15	275	-	100	375
Kishan Mela	3	250	25	100	375
Soil Health Camps	1	75	5	20	100
Awareness camp	10	150	20	50	220
Method demonstration	25	400	-	200	600
Scientists' visit to farmers' field	175	100	-	75	175
Workshop/ Seminar	8	200	-	50	250
Soil Testing	500	500	-	-	500
Water Testing	50	25	-	25	50
Plant Testing	50	25	-	25	50
Manure Testing	50	25	-	25	50
SMS Service	110	1000	-	400	1400
Farmers' Scientist Interaction	15	175	25	75	275

SEED MATERIALS

Item	Сгор	Variety	Proposed quantity		
Cereals	Paddy	Ranjit Sub-1	180.0 q		
		Gitesh	3.0 q		
		Numali	5.0 q		
	Buckwheat	12.0 q			
	Finger Millet	Local	6.0 q		
Oilseed	Sesame	Koliabor Til	1.0 q		
	Niger	NG-1	5.0 q		
	Toria	TS-67	10.0 q		
	Linseed	Sekhar	8.0 q		
Oilseed	Rapeseed	TS-67/ TS-36	480.0 q		
(CFLD)	Linseed	Sekhar	80.0q		
	Sesamum	Koliabor Til	70.0 q		
Pulse (CFLD)	Blackgram	PU-31	160.0 q		
	Lentil	HUL-57	90.0 q		
Spices	Turmeric	Megha Turmeric-1	15 q		
Fibre crops	Mesta	HC-583	Seed- 0.50 q		
Total			1125.5 q		

PLANTING MATERIALS

ltem	Сгор	Variety	Proposed quantity (Nos.)		
Fruits	Citrus	Assam lemon	2000		
	Banana	G Naine	100		
	Coconut	Kamrupa	30		
Vegetables	Cabbage	-	5000		
	Cauliflower	-	5000		
	Brinjal	-	5000		
	Chili	-	3000		
	Brocolli	-	2000		
Others -	Gerbera	Red gem	500		
	Gladiolus	Many var	200		
	Mussenda	-	200		
Total			23030		

BIO-PRODUCTS

ltem	Product Name	Species	Proposed quantity		
			No.	Kg.	
Bio-agents	-	-	-	-	
Bio-fertilizers	Azolla	A Nilatica	-	3000	
Livestock strains	Pig Goat		12 8		
Others	Vermicompost	-	-	1000	
Total			20	4000	

Soil & Water Sample Analysis / Soil Health Cards (SHCs)

SI.	Samples	Nos. of	Target of	Village to be	SHCs to be
No.		samples	Farmer	covered	issued to
		targeted	beneficiaries		farmers (Nos.)
1.	Soil sample	500	500	25	500
2.	Water sample	50	50	5	50
3.	Plant sample	50	50	10	50
	Total	600	600	40	600

Mobile Advisory for 2021-22

Messag	Crop		Livestock		Weather		Marketi		Awareness		Other		Total	
e type						ng				Enterprise				
sent	No.	No. of	No	No.	No	No. of	Ν	No.	No.	No.	No.	No. of	No.	No. of
	of	Ben	. of	of	. of	Benef	0.	of	of	of	of	Benef	of	Benefi
	Me	eficiar	Μ	Benef	Me	iciary	of	Ben	Mes	Bene	Mes	iciary	Me	ciary
	ssa	У	ess	iciary	ssa		Μ	efi	sage	f	sage		ssa	
	ge		ag		ge		es	ciar		iciar			ge	
			е				sa	у		У				
							ge							
Text	90	10863	20	2414	20	24140	5	603	5	6035	10	12070	150	18105
only		0		0				5						0
Voice	20	24140	5	6035	5	6035	-	-	-	-	10	12070	40	48280
only														
Voice	-	-	-	-	-	-	-	-	-	-	-	-	-	-
and														
Text														
both														
Total	110	132770	25	30175	25	30175	5	6035	5	6035	20	24140	190	229330

Thank you... for patience listening