Annual Report (2023)

Krishi Vigyan Kendra, Dhalai

ICAR-ATARI, Zone-VII, Umiam, Meghalaya-793103
Department of Agriculture & Farmers Welfare, Govt. of Tripura




Action Taken Report

Sr. No.	Recommendation	Action Taken
1.	In OFT Title: Assessment of Nano Urea in Kharif Paddy (variety-Gomati), use of Nano urea application is very crucial and it should be carefully observed and recorded	Yes
2.	In OFT Title: Assessment of organic and chemical methods for the management of Chilli Leaf Curl Virus, Source of Technology should be checked	Yes
3.	In OFT Title: Assessment of rhizome rot disease management in Ginger, COC can be used upto 8kg/hectare	Yes
5.	In FLD where Marigold is used, the unit used should be changed to Numbers/hectare (nos./ha)and not to put in Quintal/hectare (q/ha)	Incorporated in FLDs

ABOUT THE KVK DISTRICT

Geographical Area (ha)	Forest Area (ha)	Block	Total GP in the KVK District	Total VCs	Total Villages	Total no of Villages adopted by KVK till date	Total No of Villages covered by KVK	% of Villages Covered
231394	181734	8	41	110	151	15	114	75.50

SL.NO	Items	Total (Ha)
1	Net cropped area	23,713
2	Grossed cropped area	47,621
3	Area Sown more than once	23,908
	Fellow , misc tree crops, pasture and grazing land, cultivable waste land	2144
4	Cultivable land	25,857

Blocks	ABS	GNR	SLM	DCM	CMN	MNU	DBN	RSBY	Total
Cropping Intensity :	238%	153%	175%	205%	251%	234%	156%	144%	195%

Source – 2022-23, Dept of Agri & FW, GoT

District Map

Location of KVK Dhalai

ABOUT KVK DHALAI INFRASTRUCTURE

S. No.	Item	Area (ha)
1	Under Buildings (Administrative building)	0.32
2.	Under Demonstration Units	2.00
3.	Under Crops (Cereals, pulses, oilseeds etc.)	1.80
4.	Under vegetables	0.32
5.	Orchard/Agro-forestry	6.66
6.	Others (specify)/ Fishery/ Piggery etc	1.2
	Total land with KVK (in ha)	**12.30**

S. No.	Name of building	Source of funding	Status
1.	Administrative Building	ATARI	Completed
2.	Farmers Hostel	Nil	Nil
3.	Staff Quarters (6)	Nil	Nil
4	Fencing	Nil	Nil
5	Soil Testing Laboratory	Dept of Agri & FW, GoT	Completed

Major crops status of Dhalai District and its position in the State

Major Crop Cereals – Paddy (3rd), Maize (1st), Minor - Sorghum & Foxtail (1st)
Major Pulses - Black Gram (1st) , Arhar (1st), Cow pea (1st), Field Pea (3rd)
Major Oilseeds – Sesame (1st), Rape & Mustard (2nd), Groundnut (1st)
Commercial Crops - Sugarcane (1st), cotton (1st)
Major Vegetables – Potato, Tomato, Chilli, Brinjal
Major livestock - Poultry, Pig, Goat, Fish

Crop	Item	Dhalai
Aush Paddy	Area in Hect.	11325
	Production in MT	32090
	Yield in kg/Ha.	2834
Aman Paddy	Area in Hect.	15770
	Production in MT	47006
	Yield in kg/Ha.	2981
Jhum	Area in Hect.	5783
	Production in MT	5956.2
	Yield in kg/Ha.	1030
Boro Paddy	Area in Hect.	1443
	Production in MT	4200
	Yield in kg/Ha.	2911
Total Rice	Area in Hect.	34321
	Production in MT	89252
	Yield in kg/Ha.	2601

Source – 2022-23, Dept of Agr, GoT

Crop	Item	Dhalai
Hybrid Maize	Area in Hect.	547
	Production in MT	1083.2
	Yield in kg/Ha.	1980
Local / Composite Maize	Area in Hect.	2615
	Production in MT	2899.5
	Yield in kg/Ha.	1109
Maize (Rabi)	Area in Hect.	264
	Production in MT	571.39
	Yield in kg/Ha.	2164
Total Maize (Kharif)	Area in Hect.	3426
	Production in MT	4554.09
	Yield in kg/Ha.	1329
Sugercane	Area in Hect.	127
	Production in MT	7198
	Yield in kg/Ha.	56677

Crop	Item	Dhalai
Black Gram (Kharif)	Area in Hect.	516
	Production in MT	293.74
	Yield in kg/Ha.	569
Black Gram (Rabi)	Area in Hect.	252
	Production in MT	185.28
	Yield in kg/Ha.	735
Sesame	Area in Hect.	1460
	Production in MT	879.62
	Yield in kg/Ha.	602
Rape & Mustard	Area in Hect.	1085
	Production in MT	888.47
	Yield in kg/Ha.	819

Infrastructure Facilities & Demo Units - KVK Dhalai

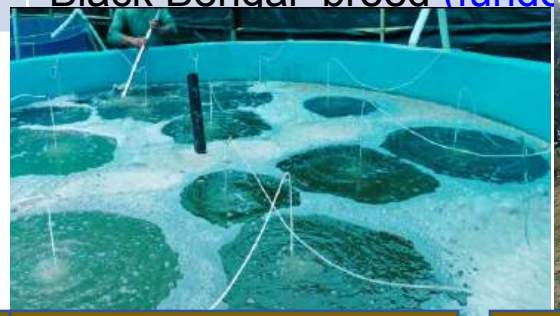
Particulars	Unit	Remarks
Soil Testing Lab	1 No	District level Soil testing Lab (by Dept of Agri, & FW GoT)
Training Hall	1 No	At DSTL (funded by Dept of Agri, GoT)
Mushroom	2 no.	Spawn Prodn Unit & Mushroom production unit (funded by ARYA)
Dairy	1 no.	Stock position- ▪ Cows – 3 nos. ▪ Calf– 2 nos.(Procured from Govt Farm)
Fishery	2 no	▪ Biofloc – 4 nos ▪ 1 Fishery (funded by ATMA)
Azolla unit	5 nos	Production & Supply
Poultry	1 No	Kadaknath, BND, Sonali, Local (Funded by : ATMA & ARYA)
Goatery	1 No	Black Bengal breed (funde


DSTL

Mushroom Spawn Unit


Azolla & Dairy Unit


Fishery Unit


Biofloc Unit


Goatery Unit



Poultry Unit

Infrastructure Facilities & Demo Units - KVK Dhalai

Particulars	Unit	Remarks
Piggery	4 No	3 completed and 1 is under construction Present Stock – 48 (RVKY, DM & C, Dhalai)
Agro-Met	2 No	Under DAMU (funded by IMD)
Banana Germplasm	1 no.	9 varieties For planting material production (funded by ATARI)
Guava	1 no.	4 varieties For planting material production (funded by ATARI)
Dragon Fruit	1 no	▪procured from HRC ▪ For planting material production (funded by ATARI)
IFS	1 no	Duck cum Fish cum Agri
Poultry hatchery (mini)	2 No	Kadaknath, BND, Sonali, Local (Funded by : ATMA & ARYA)

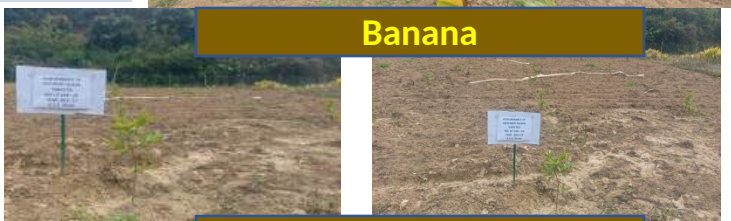
Piggery Unit

Agro-Met Unit

Banana

Hatchery Unit

IFS



Guava

Crop Demonstration and trials at KVK Campus- 2023

Aus & Aman Paddy trials

Chilli (Mulching & Conventional)

Cow pea (Mulching & Conventional)

TPS

Broccoli

Pakchoi

Onion & Garlic

Red Cabbage

Staff Position

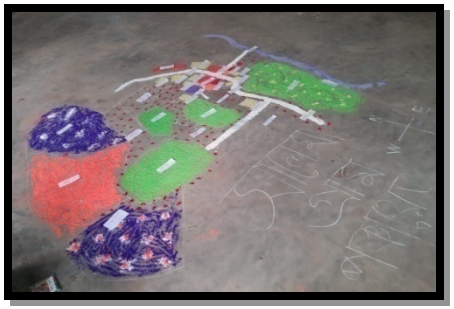
Sl. No.	Name	Designation	Discipline
1	Mr. Abhijit Debnath	Sr. Scientist & Head (I/C) & Subject Matter Specialist	Horticulture
2	Dr. Sankhyashree Roy	Subject Matter Specialist	Agricultural Extension
3	Mr.Tanmoy Bhowmik	Subject Matter Specialist	Agronomy
4	Dr. Supritam Das	Subject Matter Specialist	Animal Science
5	Mr. Syam K R	Subject Matter Specialist	Fisheries Science
6	Mr. Rubin Debbarma	Subject Matter Specialist	Plant Protection
7	Mr. Debasish Debnath	Farm Manager	Agriculture
8	Mr. Bishal Debnath	Asst (Lab Tech)	Horticulture
9	Mr. Partha Bhowmik	Office Assistant	Accountant and Administration
10	Mr. Chidananda Bhattacharjee	Program Assistant	Computer
11	Mr. Sanjoy Ghosh	Skilled Supporting Staff	Higher secondary
12	Mr. Bishwajit Debnath	Skilled Supporting Staff	Graduate
13	Mr. Taj Uddin	Driver cum Mechanic	Matriculation

Staff Position under District Agro-Meteorology Unit

Sl. No.	Name	Designation	Discipline
1	Mis. Gayetri Deb	Subject Matter Specialist	Agro- Meterology
2	Mr. Rajib Das	Agr- Met Observer	Graduate

Participatory Rural Appraisal activities at Operational Area for the year 2023






Salema




Durga Choumuhuny



Dumburnagar

Summary of "On Farm Testing" for 2023

Discipline	Crop/enterprise/ Thematic area	No. of Technology/ Social concept to be Assessed	No. of trials proposed
Agronomy	Suitable finger millet varieties	1	3
	Standardization of Natural Farming practices in Potato	1	3
Agronomy (8 KVKs)	Bio fortified Paddy Varieties	1	3
Horticulture	Multiple disease resistance Tomato varieties	1	3
Horticulture (8 KVKs)	Chilli leaf curl resistance varieties	1	3
Plant Protection	Neemastra and Brahmastra in management of major diseases of Paddy	1	3
	Cost effective natural attractants for melon fruit fly in cucumber.	1	3
Animal Science	Low Cost Incubator for hatching of eggs	1	3
	Growth performance in Goat Kid fed with Azolla.	1	3
Fishery Science	Indian butter catfish (*Ompok bimaculatus*) in an IMC polyculture system	1	3
	Live *wolffia*– based fingerling production	1	3
Agril Extension	Contribution of Farm women in household income	1	3
	Gender issues in Agriculture and Rural development	1	3
Total		13	39

ON FARM TESTING (OFT)- Agronomy *kharif* 2023, 1st year

Title	Assessment of suitable finger millet varieties for Dhalai District.
Season & Year	2023 Kharif
Problem	Low yielding local varieties , broadcasting method of sowing.
Source of Technology (Year)	VPKAS, Almora-2018
Detail of Technology	High yielding varieties of finger millet compared with local variety to identify the best performing variety, line sowing, RDF-40:20:20, DOS - 4th week of July, Spacing-25cm ×10cm, Seed rate- 8 kg/ha.
Farmers Practices (FP)	local variety, following broadcasting method, RDF-40:20:20
Area (ha)	0.48 ha
No. of Demonstrations	03

Treatments	Parameter							Feedback from the farmer
	Plant height (cm)			Days to flowering	Days to Maturity	Grain Yield (kg/ha)	Percent yield increased	
	30DAT	60DAT	At harvest					
VL-379	37.4	81.7	94.32	78	111	1886	20.43	Higher monetary return in case of high yielding varieties due to higher yield
VL-382	38.2	82.5	95.73	71	108	1975	26.11	
Farmers practice	36.5	81.3	94.15	73	118	1566	-	

Comparative B:C analysis of finger millet varieties under OFT & Farmer's practice

Treatments	Cost	Gross return	Net return	B:C
VL-379	32336	50922	18586	1.57
VL-382	32852	53325	20473	1.62
Farmers practice	34586	42282	7696	1.22

Fig. Assessment of suitable finger millet varieties for Dhalai District

Millet Processing Unit at KVK Dhalai

Millet Destoner cum grader cum aspirator, Millet Flour Sifter, Millet Roaster, Millet Dehuller, Pulveriser

ON FARM TESTING (OFT)- Agronomy 1st *kharif*, 2023 (1st year)

Title	Assessment of Bio fortified Paddy Varieties
Season & Year	2023 , Kharif (July-Oct)
Problem	Lack of Protein and nutrient rich paddy variety
Source of Technology (Year)	ICAR NRRI, Cuttack (2017)
Technology Assessed	T1: CR DHAN 310, T2: CR DHAN 311
Farmers Practices (FP)	Paddy variety (MTU 7029) lacking Protein and nutrient (Zn)
Detail of Technology	Seed treatment: Azospirillum @ 200 g/10 kg seeds; Seed rate: 10 kg/ha; Spacing: 20 cm x 10 cm ; Fertilizer requirement : 60:40:40 kg/ha ; Sowing time/planting time : 1st week of July Duration: 120-125 days
Area (ha)	0.48 ha
No. of Demonstrations	03

Treatments	Parameter (At harvest)							Feedback from the farmer
	Plant height (cm)			Panicle/m^2	No. of grain/panicle	Grain Yield (t/ha)	Percent yield increased	
	30DAT	60DAT	At harvest					
T1- CR DHAN 310	42.0	85.6	112.2	332.0	148	4.15	10.67	Compare to the farmers practiced variety biofortified varieties are high yielding, long-bold grains, good cooking and eating qualities
T2 -CR DHAN 311	39.5	83.4	110.5	324.0	142	3.92	4.53	
Farmers Practices	39.2	81.7	109.8	312.0	137	3.75	-	

Comparative C:B analysis of *Kharif Paddy* varieties under OFT & Farmers practice

Treatments	Cost	Gross return	Net return	B:C
T1- CR DHAN 310	58585	84660	26075	1.44
T2 -CR DHAN 311	58158	79968	21810	1.38
Farmers Practices	58256	76500	18244	1.31

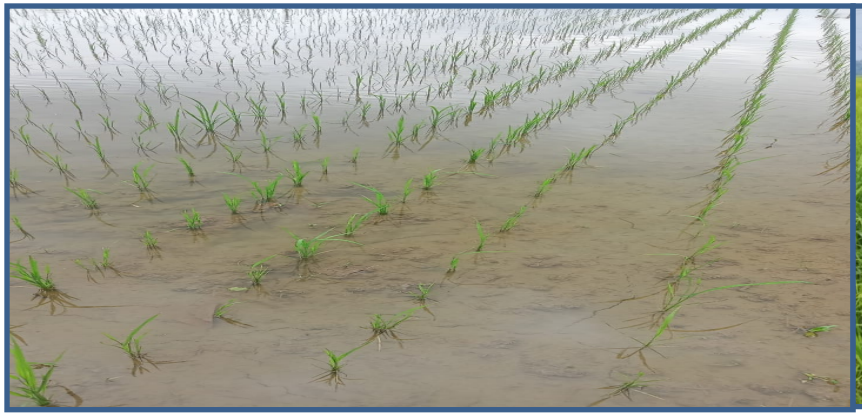


Fig. Assessment of Bio fortified Paddy Varieties

ON FARM TESTING (OFT)- Agronomy, 2023 (1st year)

Title	Assessment of Natural Farming practices in Potato
Season & Year	2023 , Rabi
Problem	Indiscriminate use of chemical fertilizers and loss of soil health.
Source of Technology (Year)	Gurukul, Kurukshetra,2020
Farmers Practices (FP)	Potato cultivation by using chemical fertilizers application @ 60:50:50: N:P:K as recommended.
Detail of Technology	T1: Natural Farming (Use of Beejamrita, jeevamrita, neemastra) , Application of ghana Jivamrit @ 250 kg/ha and foliar spray of jivamrit at 15, 30, 45 and 60 DAS, minimum tillage practice was followed, traditional method of weed control such as uprooting/manual weeding.
Area (ha)	0.48 ha
No. of Demonstrations	03

Treatments	Parameter (At harvest)				Feedback from the farmer
	Plant height (cm)		No. of tubers/plant	Yield (t/ha)	
	Vegetative stage	Reproductive stage			
T1- Natural Farming	20.5	26.2	9.4	16.3	Incase of desi variety (local one) potato cultivation farmers are interested to adopt natural farming practices as the input cost is cheap and benefit- cost ratio is more.
T2 –Conventional practice	22.0	28.0	10.8	17.8	

Comparative B:C analysis of *Natural Farming* under OFT & Farmers practice

Treatments	Cost	Gross return	Net return	B:C
T1 - Natural Farming	85,000	3,26,000	2,41,000	3.83
T2 – Conventional practice	1,04,000	3,56,000	2,52,000	3.42

Fig. Assessment of Natural Farming practices in Potato

ON FARM TESTING (OFT)- Horticulture (1st year)

Title of intervention: ***Assessment of different ChLCV resistance verities under natural epiphytic condition of Dhalai District .***

Major problems identified
- High incidence of ChLCV.
- Poor yield.

Source of technology:
IIHR Bangaluru, 2021, 2022

Duration:
(4 months)

Location	Avanga, Kamalpur, Kulai
No. of trials	03
Targeted Area (Ha)	0.5

Details of the Technology

T-1: Arka Gagan
T-2: Arka Tejasvi
T-3: Arka Sanvi
T-4: Local

(Standard cultivation practice will be followed

Economic results

Technology	Yield (t/ha)	COC (Rs/ha)	GR (Rs/ha)	NR (Rs/ha)	B:C ratio
Local (T4)	9.424	165672	471200	305528	2.9:1
Arka Sanvi (T3)	11.943	162360	597150	434792	3.7:1
Arka Tejasvi (T2)	14.275	162360	713740	551380	4.3:1
Arka Gagan (T1)	15.545	162360	777250	614890	4.8:1

Disease parameters

Technology	Disease severity (%)		
	30 DAT	60 DAT	90 DAT
Local (T4)	7.22	12.29	19.23
Arka Sanvi (T3)	1.5	4.1	8.7
Arka Tejasvi (T2)	0	0.5	0.7
Arka Gagan (T1)	0	0.0	0.0

ON FARM TESTING (OFT)- HORTICULTURE

Title of intervention:* *Assessment on Performance of multiple disease resistance Tomato varieties

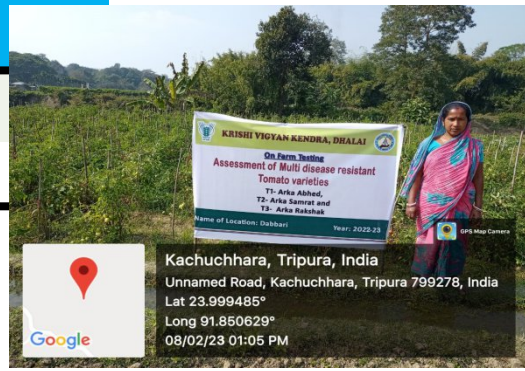
Major problems identified

- High incident of bacterial wilt, leaf curl, early and late blight

Period & Duration: Oct – Feb (5 months)

Source of Technology:
T_1- IIHR, 2018, 2015

Location	Kachucherra, Dadbari, Laxmipur
No. of trials	03
Targeted Area (Ha)	0.48



Details of the Technology

T_1- Arka Abhed (H-397)
T_2- Arka Rakshak

Results of parameters assessed

	T1	T2
Size fruit (g)	98.38	95.98
crop duration (Days)	144	132
Bacterial wilt incidence (%)	0.0	0.0
TLCV incidence (%)	1.06	1.7
Late blight incidence (%)	0.0	3.2
Yield (mt/ha)	63.84	59.02
B:C ratio	4.1:1	3.8:1

ON FARM TESTING (OFT)- PLANT PROTECTION (1st year)

Title of intervention:* *Assessment of Neemastra and Brahmastra in management of major diseases of Paddy

Source of technology: Gurukul, Kurukshetra, 2020

Crop	No. of trials	Problems identified	Locations
Paddy	3	a) Indiscriminate use of chemical pesticide resulting resistance development by insect pest b) Lack of sustainable management in long term solution against insect pest	Modhucherra, Salema, Halhali

Details of the Technology

Treatment 1 (T1)- Farmers Practice with chemical pesticide- Thiometoxam @ 2 ml. / lit.

Treatment 2 (T2)-Seed treatment with beejamrutha @ 2lit/10 kg seed + foliar application of neemastra @ 100 liter/acre at 15 days interval

Treatment 3 (T3)- Seed treatment with beejamrutha @ 2lit/10 kg seed + foliar application of brahmastra @ 100 liter /acre at 15 days interval

Treatment	Pest infestation (%)		Severity (%)	
	40 DAT	70 DAT	40 DAT	70 DAT
T1 (Farmers practice)	12	25.43	11.53	24.45
T2 (Neemastra)	10	14	9.61	13.46
T3 (Brahmastra)	11	13.25	10.57	12.74

Economic results

Technology	Yield (kg/ha)	Cost of cultivation (Rs/ha)	Gross return (Rs/ha)	Net return (Rs/ha)	B:C ratio
T1	3950	42348	77025	34677	1.81
T2	4300	43134	83850	40716	1.94
T3	4500	43536	87750	44536	2.01

ON FARM TESTING (OFT)- PLANT PROTECTION (1st year)

Title of intervention: ***Assessment of cost effective natural attractants for melon fruit fly in cucumber.***

Source of technology: TNAU, Trichy, 2021

Crop	No. of trials	Problems identified	Locations
Cucumber (local variety)	3	a) Chemical pesticides are not effective in controlling melon fruit fly b) Need identification of suitable natural attractants for proper management	Manikbhander, Maracherra, Halhali

Details of the Technology

Treatment 1 (T1)-farmers practice (Deltamethrin- 2 ml./lit.)
Treatment 2 (T2)-Natural attractants using cucumber fruit pulp + Yeast + Jaggery (1:1:1) + Acetic acid (5%)
Treatment 3 (T3)- Use attractant commercial available cue lure alone

Treatment	Number of fruit flies trapped/trap/week		
	1st week	2nd week	Total
T1	0.67	0.33	0.5
T2	3.66	3.00	3.33
T3	7.00	11.33	9.165

Economic results					
Technology	Yield (q/ha)	Cost of cultivation (Rs/ha)	Gross return (Rs/ha)	Net return (Rs/ha)	B:C ratio
T1	82.2	62062	164400	102338	2.64
T2	93.6	64505	187200	122695	2.90
T3	110.2	64700	220400	155700	3.40

ON FARM TESTING (OFT)- ANIMAL SCIENCE (1st year)

Title of intervention: ***Assessment of Low Cost Incubator for hatching of eggs***

Source OF Technology: Jis college of engineering, Kalyani, Nadia, India- 2021

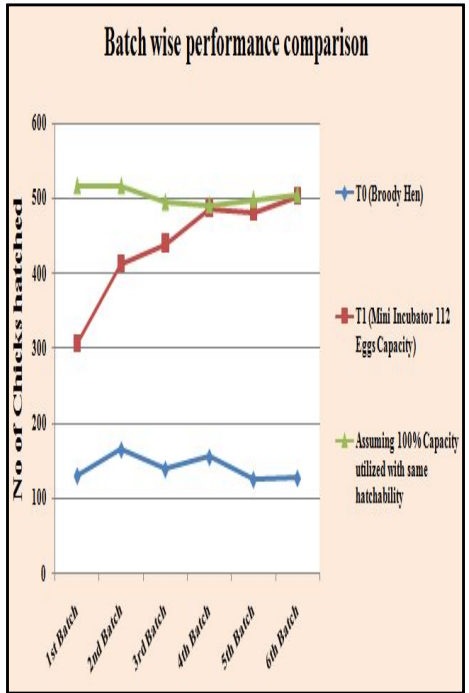
Major problems identified	Location	No. of trials	Targeted Area (Ha)	Period & Duration
❖ Poor hatching percentage ❖ Less availability of broody hen ❖ In large scale eggs cannot be hatch at a time.	Duraishibari, Salema, Chulubari	06	NA	**July–Dec (6 months)**

Details of the Technology

Technical details:-

T0 – Farmers Practice (Use of Broody hen)

T1 – Low cost incubator



Parameters	T0 (Broody Hen)	T1 (Mini Incubator 112 Eggs Capacity)	% Change over Farmers Practice
Batch wise no of egg set			
1st Batch	130	306	
2nd Batch	165	413	
3rd Batch	139	440	
4th Batch	155	487	
5th Batch	125	482	
6th Batch	127	503	
Total no of egg set	841	2631	200.34
No of chicks/duckling hatched	632	1962	210.44
Average Hatchability %	75.149	74.572	-0.576
Avg. egg setting capacity per batch	140	438	**212.85%**
Increasing Avg. egg setting capacity per batch	Very Difficult	Easily possible as per the demand	
Yearly Net Income (Rs.)	4415	55129	**1248.67**
BC Ratio	3.34	4.69	140.4

*** NB: The egg setting capacity of mini incubator was utilized only 65% by the farmer**

ON FARM TESTING (OFT)-ANIMAL SCIENCE (1st year)

Title of intervention: ***Assessment of growth performance in Goat Kid fed with Azolla***

Source OF Technology: **CVSc, LUVAS, Haryana, 2018**

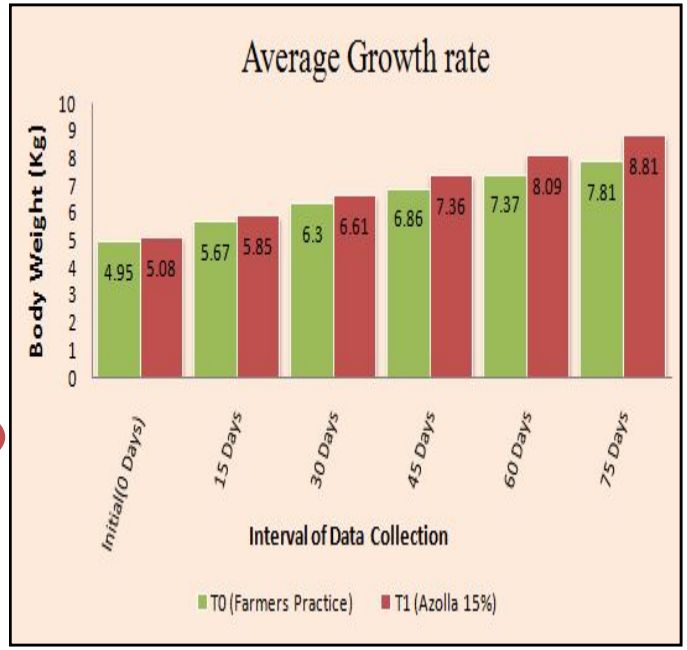
Major problems identified	Location	No. of trials	Targeted Area (Units)	Period & Duration
❖Lower growth rate ❖Less availability of green fodder ❖High cost of concentrate feed	Kalachari, Salema, Dolucherra	03	18	December-February (3 months)

Details of the Technology

T1- Farmers Practice (Concentrate Mix only)

T2- Concentrate mix replaced with azolla on equi-weight basis 15%

Parameters	(Farmers Practice)T0	(Azolla 15%)T1
Average BW (Kg)		
Initial(0 Days)	4.95	5.08
15 Days	5.67	5.85
30 Days	6.30	6.61
45 Days	6.86	7.36
60 Days	7.37	8.09
75 Days	7.81	8.80
90 Days	8.21	9.51
Average Daily Gain	36 g/day	49g/day
FCR	9.25	8.30
Gross return	2900	3400
Net return	1600	1200
BC ratio	2.23	2.83



ON FARM TESTING (OFT)- FISHERY SCIENCE (1st year)

Title of intervention: **Assessment of growth and production potential of Indian butter catfish (*Ompok bimaculatus*) in an IMC polyculture system**

Source of technology: ICAR-RC, NEH, Tripura, 2020

Major problems identified	Location	No. of trials	Targeted Area (Ha)	Period & Duration
• Less culture species diversity • Less return from farmers practice	**West kuchainala, Kamalpur.**	03	0.48	**July–April (10 months)**

Details of the Technology

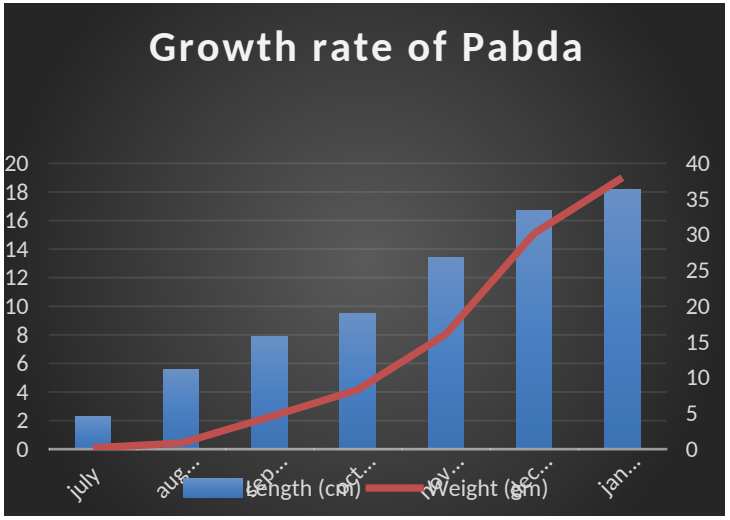
T-1: Catla (Catla catla), rohu (Labeo rohita) and mrigal (*Cirrhinus mrigala*) in the ratio 4:3:3

T-2: Pabda polyculture with IMC

** **Stocking rate 8500 nos/Ha. Stocking size:- 8-10gm (Fingerlings)**

** **feed sinking pellet @3% of BW, supplementary feeding with MOC:RB-1:1 @ 2-3% of BW**

	T1 - FP	T2 – Exp.
Survival (%)	-	81.3
Yield (t/ha)	2.19	2.27
FCR	2.35	2.47
Gross cost of production	227500	238000
Gross income	452000	515600
Net profit	128500	177580
B:C ratio	1.98	2.17



ON FARM TESTING (OFT)- FISHERY SCIENCE (2nd year)

Title of intervention:* *Assessment of Live wolffia– based fingerling production of IMC

Source of technology: CoF (CAU,Imphal), Lembucherra, Tripura) 2015

Major problems identified	Location	No. of trials	Targeted Area (Ha)	Period & Duration
• High cost of artificial feeds. • Water quality deteriorating problems. • Low survival rate.	**Avanga, Kamalpur, Kulai**	03	0.48	**August –November (3 months)**

Details of the Technology

T-1: Farmer Practice (MOC:RB = 1:1)

T-2: live wolfia

****Culture period 90 days. 20-d old rohu fry were stocked at a stocking density of 3 lakh ha-1.**

The feed rate of both feed and live wolffia were same on dry matter basis 8-10% d-1 of the fish biomass.

No of Days	LENGTH (cm)		WEIGHT (gm)	
	T1	T2	T1	T2
0 DAT	1.9	1.9	0.34	0.34
30 DAT	3.7	6.2	5.12	7.98
60 DAT	7.4	9.5	12.06	16.83
90 DAT	10.3	13.2	18.67	29.14

	T1	T2
survival (%)	67.1	79.1
FCR	1.11	0.69
Yield (lakh/ha)	2.07	2.37
Net profit	204988	320939
B:C ratio	2.04	3.08

ON FARM TESTING (OFT) - Agricultural Extension (1st Year)

Title of Technology: Assessment of contribution of Farm women in household income

Source of Technology: Giri Institute of Development studies, Western U.P., 2014

No. of samples : 80

Location: West Kuchainala, Maracherra, Kamalpur

Duration: April – January (10 months)

Methodology: Structured Questionnaire

Parameters selected	Pre testing	Post testing
Psychometric scale (Likert scale)	2 point	5 point
Analysis of training needs	20%	60%
Analysis of unpaid work of farm women	30%	75%
Self motivation	20%	50%
Income generating activities	45%	85%

Findings: It has been found that most farm women are involved in backyard poultry and livestock rearing which resulted contributing in household income.

Rrecommendations: As women are contributing more than male in agricultural activities (66%), their labour need to be recognized

ON FARM TESTING (OFT) - Agricultural Extension (2nd Year)

Title of Technology: Assessment of Gender involvement in Agriculture and Rural development

Source of Technology: MANAGE, 2018

Location: Ashapurna Roaja, Halhuli GP, Gandacherra

Duration: April – January (10 months)

No. of samples : 60 (F:M = 2:1)

Methodology: Structured Questionnaire

Parameters selected for the study	Female (Pre & Post testing)	Male (Pre & Post testing)
Identification of gender roles and gaps	35% & 70%	30% & 40%
Gender Sensitization activities	30% & 65%	30% & 60%
Accessibility to resources	20% & 40%	80% & 85%
Mainstreaming of women in Agriculture	Till date this is unattainable in male dominating regions	

Fig.- Survey on gender issues& gender sensitization

Findings: Females consider themselves inferior to their male counterparts, even though they are involved in most of the household & field works. Most of the females don't have any access to resources and decision making.

Rrecommendations: The term 'Women in Agriculture' should be bring to the limelight, though it will take time & accessibility of resources should be made easy & viable.

DISCIPLINE WISE FRONT LINE DEMONSTRATION SUMMARY

Discipline	Crop/ Enterprise / Social Concept	No. of Technology/ Social Concept	No. of demos proposed	Area (ha) to be covered/ no. of activity	No. of participants/farmers to be covered
Agronomy	Nano Urea in paddy	1	20	8	20
	Blackgram	1	20	8	20
Horticulture	Poly mulching in watermelon	1	20	8	20
	Marigold	1	20	3.2	20
Plant Protection	Mgt of chilli leaf curl	1	20	8	20
	IPM-Tomato	1	10	4	10
Animal Husbandry	Feeding mgt in swine	1	10	10 units	10
	Feeding mgt in Goat	1	20	20 units	20
Fishery Science	IFS	1	10	1.6	10
	Feeding mgt	1	10	1.6	10
Agril. Extension	Impact of training	1	20	20 units	20
Total		11	180	42.4 ha/ 50 units	180

FRONTLINE DEMONSTARTION (FLD)-Agronomy, 2023

Title of intervention : ***Popularization of nano - urea application in kharif paddy***

Source of technology: IFFCO,2020

Crop	Targeted area (ha)	No. of demonstrations
Paddy	8	**20**

Details of the Technology

T1- FFP(50%N,100% PK as basal dose) + 2 sprays of Nano-urea

T2- Farmers Fertilizer Practice (FFP)

Treatments	Plant height at harvest (cm)			Panicle/ m2	No. of grain/ panicle	Grain Yield (t/ha)	% increase in avg yield	Farmers reaction
	30DAT	60 DAT	At harvest					
T1	39.5	65.8	104.5	380	169	5.72	9.79	Higher monetary return due to low cost of fertilizer application and higher yield
T2- Farmers practice	36.5	61.2	101.0	374	162	5.21		

	Economics Nano-urea	Farmers practice
Gross cost (Rs/ha)	**68500**	**72350**
Gross return (Rs/ha)	**116688**	**106284**
Net return (Rs/ha)	**44338**	**37784**
B:C ratio	**1.70**	**1.47**

Fig: Nano-urea application

FRONTLINE DEMONSTARTION (FLD)-Agronomy

Title of intervention : ***Popularization of Blackgram in rice fallow under minimum tillage condition***

Source of technology: **RARS,Shillong, Nagaon, AAU, 2015**

Crop	Targeted area (ha)	No. of demonstrations
Black gram (IPU-02-43)	8	20

Details of the Technology

Seed inoculation with Rhizobium @ 250 ml/kg seed. Treated seeds are dried under shade. Crops sown with minimum tillage after harvesting of paddy, time of sowing– 2nd week of August, Fertilizer dose:15:35:15, Seed rate-22.5kg/ha.

Treatments	Seed germination (%)	Pods /plant	Seed /pod	Yield (Qt/ha)	% increase in avg yield	Farmers reaction
Demo	79	28	9.2	10.6	4.8	Blackgram sown under minimum tillage after harvesting of paddy reduces the cost of cultivation and delay in field preparation helped farmers to gain higher economic return
Farmers practice	82	26	9	10.3		

Economics	Demo	Farmers practice
Gross cost (Rs/ha)	32425	39 112
Gross return (Rs/ha)	73670	71585
Net return (Rs/ha)	41245	32473
B:C ratio	2.27:1	1.83:1

Fig: FLD on Blackgram

FRONTLINE DEMONSTRATION (FLD) HORTICULTURE

Title of intervention:* *Popularization of poly mulching on growth, yield of watermelon (Citrullus lanatus* Thumb.*)

Major problems identified

- Low yield due to open field cultivation
- More weed infestation during Summer cultivation

Period & Duration: April – July (4 months)

Source of Technology : ICAR- CIAE (2017)

Location	Kamalpur, Salema
No. of demos	20
Targeted Area (Ha)	8

Details of the Technology : Silver Mulch - The thickness of all polyethylene much is 30 micron. Watermelon variety - Sugar Baby.

Results of parameters assessed

	FLD	Farmers Practice
Nos of branches/ vine	14.80	7.26
Fruit Wt. (kg)	3.60	2.79
No. of Fruit/ Vine	3.11	1.98
Yield (MT/ha)	32.43	22.87
Cost of cultivation (Rs/ha)	1,62,457	98,260
Net return (Rs/ha)	4,86,143	2,59,140
B:C ratio	4.00:1	3.43:1

FRONT LINE DEMONSTRATION (FLD)- HORTICULTURE (2nd Year)

Title of Technology: Popularization of Commercial Cultivation of marigold variety Pusa Narangi

Location	Kamalpur, Salema
No. of Demos	20
Area (Ha)	3.2
Nos of Farmers	20

Major problems identified

- Rate of the flower is high as it comes from outside the district or State
- Non availability of improved variety
- less commercial cultivation of Marigold

Source of Technology : IARI, New Delhi

Period & Duration: Nov– Feb (4 months)

After irrigation

Details of the Technology

- Marigold variety - Pusa Narangi Gainda.
- (FYM 2500 kg , Vermicompost 4000 kg , Oil Cake 250 kg, Urea 125 kg , SSP 375 kg , MOP100 kg)/ acre.
- $ZnSO_4$ 0.5% on 30th and 45th day after transplanting .
- Nipping/tipping- 30 days after planting terminal portion is tipped / removed to encourage the branching
- Pest and disease control measures

Demonstration Yield (Nos/Ha)			Yield of local Check	% increase	Gross Cost (Rs/Ha)/	Gross Return (Rs/Ha)	Net Return (Rs/Ha)	B:C Ratio (GR/GC)
H	L	A	(Qt/Ha)	%				
62.5 lakhs	54.00 lakhs	60.25 lakhs	42.50 lakhs	41.74	6,25,000/-	1,37,500/-	487500/-	4.55 :1

FRONTLINE DEMONSTARTION (FLD)-PLANT PROTECTION (2nd yr)

Title of intervention : *Popularization of IPM practices for control whitefly on Tomato*

Source of technology: VNMKV, Parbhani, 2014

Crop	Problems identified	No. of demonstrations	Locations
Tomato (Local variety)	Indiscriminate use of chemical pesticide	10	Manikbhander, Kulai, Salema

Details of the Technology

i. Treat the transplanted seedling by dipping roots in Imidacloprid 17.8% @ 0.3 ml/l) for 30 minutes

ii. Preventive measures by foliar spray with *imidacloropid* 17.8 SL @ 0.5 ml/l at 15 days interval during active vegetative stage

Disease parameters				
Technology	Disease incidence (%)		Disease severity (%)	
	30 DAT	45 DAT	30 DAT	45 DAT
Local check	9.26	13.22	8.90	12.71
Demo	7.82	8.40	7.51	8.07

Demonstration Yield (t/acre)			Yield of local Check (t/acre)	% increase/ change in avg. yield over local
H	L	A		
12.29	10.56	11.34	8.38	35.32

Econo mics	Demo	Local check
Pest infestatation (%)	8.07	12.71
Gross cost (Rs/ha)	55828	48293
Gross return (Rs/ha)	170390	135400
Net return (Rs/ha)	114562	87107
B:C ratio	3.05:1	2.80:1

FRONT LINE DEMONSTRATION (FLD)- PLANT PROTECTION (1st year)

Title of intervention: ***Popularization of organic and chemical methods for the management of Chilli Leaf Curl disease***

Source of technology: ICAR-IIVR 2017

Crop	No. of trials	Problems identified	Locations
Chilli (local variety)	10	Lack of proper management practice	Salema, Manikbhandar, Kulai

Details of the Technology

i. Seed treatment *Trichoderma viride* (6g kg^{-1} seed)
ii. Soil treatment of *T. viride* (10gm^{-2})
iii. Use of mulching sheet
iv. Sprays of Neem oil @ 2 ml/l at 7 days interval till fruit formation
v. Followed by spraying of imidacloropid @ 0.25 ml/l at 15 days interval

Demonstration Yield (t/acre)			Yield of local Check (t/acre)	% increase/ change in avg. yield over local
H	L	A		
12.56	10.29	11.625	8.722	33.28

Economic results

Technology	Yield (t/ha)	Cost of cultivation (Rs/ha)	Gross return (Rs/ha)	Net return (Rs/ha)	B:C ratio
Farmers practice	**8.722**	**65536**	**170440**	**104904**	**2.60**
Demo	**11.625**	**69720**	**229115**	**159395**	**3.28**

Disease parameters

Technology	Disease incidence (%)		Disease severity (%)	
	30 DAT	**45 DAT**	**30 DAT**	**45 DAT**
Local check	**24**	**37.2**	**7.22**	**12.29**
Demo	**17.8**	**24.4**	**4.75**	**7.97**

FRONTLINE DEMONSTRATION (FLD)- ANIMAL SCIENCE (1st year)

Title of intervention:* *Popularization of Azolla feeding in conventional concentrate ration of swine

Source of technology: CVSc, Proddatur, Andhra Pradesh, India, 2013

Major problems identified	Location	No. of Demonstration	Targeted Area (Units)	Period & Duration
❖ Production cost is very high due to higher feeding cost.	Mendi, Kachucherra, Chulubari	10	20	**May-June (10 months)**

Parameters	Farmers Practice	Experiment	% Change	Farmer Reaction
Avg Body Weight (Kg)				After supplementation the feed cost reduced and growth rate was also higher compared to local
Initial (2 month)	11.56	11.85		
3 month	17.47	18.77		
4 month	24.65	25.89		
5 month	30.28	34.73		
6 month	37.58	43.9		
7 month	46.29	53.29		
8 month	55.85	62.7		
9 month	64.79	71.9	10.97%	
Feed cost reduced (Rs)/kg	35	32.53	7%	
FCR	3.86	3.6		
Gross cost	6500	6000		
Gross return	19000	21500		
Net benifit	12500	15500	24%	
BC Ratio	2.92	3.58		

Details of the Technology

After weaning (900 g of concentrate ration + 76.5 g of dried Azolla) will be given and data to be recorded every month

FRONTLINE DEMONSTRATION (FLD)- ANIMAL SCIENCE (1st year)

Title of intervention:* *Popularization of probiotic (Sacharomyces cerevisiae based combined probiotic) in feeding of Goat

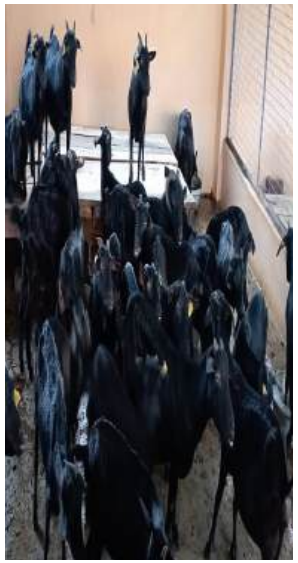
Source of technology: Marathwada Agricultural University, Parbhani, Maharastra, 2010

Major problems identified	Location	No. of Demos/ Farmers	Targeted Area (unit)	Period & Duration
❖ Lower body weight and growth performance ❖ Disease occurrence (eg: Diarrhoea)	Mendi, West Kuchainala, Chulubari	10	20	**Oct–March (6 months)**

Parameters	Farmers Practice	Experiment	% Change
Avg.Body Weight (Kg)			
Initial (3 month)	3.25	3.31	
4 month	3.87	4.45	
5 month	4.83	5.77	
6 month	5.73	7.03	
7 month	6.27	8.08	
8 month	6.73	9.09	
9 month	7.80	10.26	
Avg weight gain	4.55	6.95	52.7%
FCR	8.6	7.21	
Disease occurance	10 times	2 times	
Avegare daily gain	25	38	52%
Gross Return/Unit	3100	4100	
Net return/Unit	2400	3200	
BC Ratio	4.42	5.12	
Farmers Reaction	After using the probiotic the diease occurance was very less, mainly diarrhoea and also growth rate was higer than the local practice		

Details of the Technology

Saccharomyces Cerevisiae based combined probiotic supplemented to goat kids (3 months old) and to be fed to the animals through concentrate feeds at the rate of 1 gm per kg of concentrate feed and data to be recorded monthly



FRONTLINE DEMONSTRATION (FLD)- FISHERY SCIENCE (1st year)

Title of intervention: Popularization of Floating grow-out supplementary carp feed (COF: CAU-GCFF) Made with locally available ingredients

Source of technology: CoF (CAU,Imphal), Lembucherra, Tripura) 2015

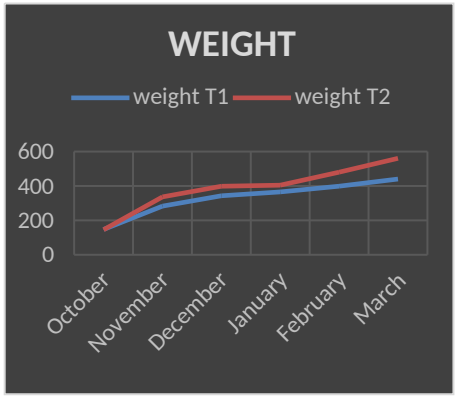
Major problems identified	Location	No. of Demos/ Farmers	Targeted Area (Ha)	Period & Duration
• High cost of artificial feeds. • Water quality deteriorating problems.	**Avanga, Kamalpur, Kulai**	10	1.6 Ha	**Oct–March (6 months)**

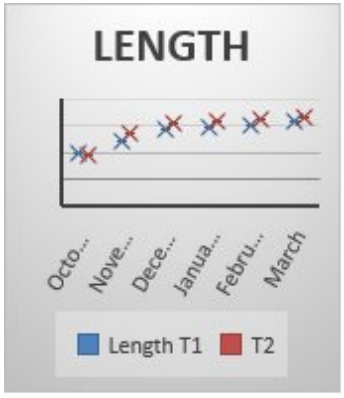
Details of the Technology

T-1: Farmer Practice (MOC:RB = 1:1), **T-2:** Floating feed developed by CAU

**The apparent feed conversion ratio (AFCR) has been found to be 1.8-2.2. (Culture period six months, stocking density 15000 ha-1, daily feeding rate: 4-3% biomass d-1, feeding frequency; twice a day (@ 9-10 am, and 3-4 pm, half of ration on each occasion)

	T1 - FP	T2 – Exp.
Survival (%)	67.26	75.3
Yield (t/ha)	1.89	2.67
FCR	3.1	1.9
Gross cost of production	217598	248020
Gross income	378000	564000
Net profit	160402	315980
B:C ratio	1.73:1	2.27: 1





FRONTLINE DEMONSTRATION (FLD) - FISHERY SCIENCE (1st year)

Title of intervention: Popularization of Livestock-Fish-Horticulture based Integrated Farming System

Source of technology: ICAR_CCARI, 2015

Major problems identified	Location	No. of Demos/ Farmers	Targeted Area (Ha)	Period & Duration
• Poor pond productivity • Low income from single enterprise • Under utilization of productive area	Avanga, Halhuli	10	1.6 Ha	Oct–March (6 months)

Details of the Technology

• Carp Fingerling to be stocked @ 8500 fingerlings/ha, species ratio of 40 % surface, 30 % column and 30 % bottom feeders.
•Vegetables
•Livestocks:- Poultry (225 nos/ha) & Duck (150 nos/ha)

PARTICULARS	T1 (FP)	T2 (EXP)	% change
Fish yield	1.89 t/ha	2.48 t/ha	31.21% increase the fish production
Average Duck yield	--	171.9 kg/ha	
Average Poultry yield	--	315.9 kg/ha	
Average vegetable yield	--	191 kg/100 m2	
Gross income	378000	893050	
Gross cost of production	217598	305400	
Net income	160402	538050	
B:C ratio	1.73: 1	2.92 :1	

	T1 (FP)		T2 (EXP)	
No. of Days	length (cm)	weight (gm)	length (cm)	weight (gm)
OCT	14.5	58.3	14.7	60.1
Nov	16.9	101.7	18.6	120.8
Dec	18.1	136.8	21.5	173.6
Jan	20.3	160.6	22.7	213.2
Feb	20.6	189.9	22.9	256.5
Mar	21.9	235.5	24.1	340.3

Average weight of BND chicks	
month	Weight (gm)
OCT	132
Nov	327
Dec	702
Jan	1012
Feb	1420
Mar	1890

Average weight of Ducks	
month	Weight (gm)
OCT	154
Nov	345
Dec	788
Jan	950
Feb	1139
Mar	1470

Horticulture yield (Kg./ 100 m2)	
Cucumber	52 kg
Chilly	21 kg
Cauliflower	70 kg
cabbage	48 kg

FRONT LINE DEMONSTRATION (FLD) Agricultural Extension (1st Year)

Title of Technology: Assessment of Training conducted by KVK on changing mindsets of farmers towards adoption of modern technologies

Source of Technology: MANAGE, Hyderabad, 2016

No. of samples : 50 (male & female, 50:50)

Location: Dabbari, East Dalucherra

Duration:
April – February (11 months)

Methodology:
Structured Questionnaire

Parameters selected	Pre testing	Post testing
Social and Cultural acceptability of Trainings	70%	80%
Diffusion rate of new idea and products	40%	65%
Percentage increase in acceptability of modern technologies	35%	70%
Percentage increase in income of the weaker section of the society	35%	70%
Farmers coming forward to take up trainings	70%	85%

Findings: KVK conducts training on new ideas & product development, starting from bee keeping, mushroom cultivation, millet products making etc., according to needs and interest of the grass-root level.

Natural Farming activities - 2023

Activity/ Items	No. of programme/ activity	No. of participants
1. Awareness programme	4	310
a. Exhibition	2	280
b. Kisan Goshti	1	86
c. Campaign	2	256
d. Publication (Extension materials, posters, leaflets etc.)	Leaflets-400 Poster-26 Folders-25	
2. Training	8	245
3. Demonstration (Farmers Field)	8	8
4. Demonstration unit (at KVK)	6	

Training Programmes (Farmers & Farm woman)- 2023

Discipline	Target	Achievement
Agronomy	11	10
Horticulture	11	8
Plant Protection	11	11
Animal Husbandry	14	18
Fishery Science	11	13
Agril Extension	11	11
Total	69	71

One day National Workshop on "Innovative Agriculture"

Awareness, Training and Demonstration Programme on Pigeonpea Cultivation

One day workshop conducted on " Scientific Mushroom Cultivation"

Hands on training in preparation of Pork Pickles

Training on common diseases of poultry birds & their managemant

Training on Soil and water quality management in Aquaculture

Training on Feed management in Aquaculture

Training on importance of crop diversification

Integrated Fish Farming

Training Programmes (Rural Youth)

Discipline	Target	Achievement
Agronomy	6	6
Horticulture	8	7
Plant Protection	6	6
Animal Husbandry	12	11
Fishery Science	4	5
Agril Extension	5	5
Total	41	40

Action photos

Training Programmes for Extn Personnel

Discipline	Target	Achievements
Agronomy	3	3
Horticulture	1	1
Plant Protection	3	3
Animal Husbandry	2	2
Fishery Science	2	2
Agril Extension	2	2
Total	**13**	**13**

Training programme on Mushroom Production

Best Management Practices in Agriculture & Recent Advances in Kharif Paddy and Maize by Plant Protection

Best Management Practices and Recent advances in Aquaculture

Vocational Training Programmes (Summary)

Discipline	Target	Achievements	Participants
Agronomy	1	1	20
Horticulture	1	1	20
Plant Protection	1	1	20
Fishery Science	2	2	40
Total	**5**	**5**	**100**

Sponsored Training Programmes (Summary)

Sponsored Agency/ Org/ Dept.	Discipline	Course (No.)	Completed	participants
RURBAN (DM & C, Dhalai)	Agronomy	4	4	182
	Horticulture	1	1	46
	Plant Protection	4	4	173
	AH	4	4	183
	Fishery Science	4	4	174
	Agril Extension	4	4	180
	Agro meterology	4	4	191
NDRI	AH	3	3	105
IVRI	AH	2	2	72
NCIPM	Plant Protection	5	5	132
DDA Dhalai	Agronomy	3	3	52
DDH Dhalai	Horticulture	3	3	60
ATMA	Agronomy	4	4	96
	Plant Protection	3	3	71
	Fishery Science	3	3	63
	Animal Science	3	3	61
Total		54	54	1841

RURBAN trainings

NDRI trainings

ATMA trainings

NCIPM trainings

Extension Activities

Extension Activity	Nos. Proposed	Completed
Field Day	10	6
Kisan Mela	1	2
Kisan Gosthi	0	1
Exhibition	2	2
Film Show/Puppet show/drama	10	6
Method Demonstrations	30	28
Farmers Seminar	5	8
Workshop	1	2
Group meetings	40	53
Lectures delivered as resource persons	20	27
TOTAL	**119**	**135**

PM Live Telecast Programme

Excursion visit of Baralutma HS school students

Field Day on Hybrid Paddy Cultivation under NFSM

Organized Kisan Mela

Exhibition cum Farmer Scientist Interaction Programme

Exposure Visit

A Departmental Stall at District Level Livestock Mela

Participation at Regional Agricultural Fair, Assam Agriculture University

PM Kisan Samman Sanmelan

Extension Activities

Extension Activity	Nos. Proposed	Completed
Diagnostic visits	50	45
Exposure visits	5	3
Soil health Camp	2	6
Animal Health Camp	2	3
Soil test campaigns	2	1
Farm Science Club Conveners meet	2	2
Self Help Group Conveners meetings	1	1
Mahila Mandals Conveners meetings	2	5
Celebration of Important days	2	4
TOTAL	**68**	**70**

Diagnostic visit at Salema

Diagnostic visit at Rakhaltali

Diagnostic visit at Kachuchhara

Diagnostic visits of IPM technology

Exposure Visit

International Women's Day

Animal Health Camp

World Pulses Day

Seed & Livestock production

Item	Crop	Variety	quantity produced (Qt)	provided / supplied to (No. of farmers)
Cereals	Paddy	Sahabhagidhan	10	25
		Hakuchuku -2	10	30
		Gomati	52	25
Oilseeds	Mustard	NRCHB-101	30	35
	Groundnut	TG-38	30	40
Pulses	Black Gram	PU-31	12	20
Vegetables	Ginger	Nadia	0.3	10
	Turmeric	Megha Turmeric -1	0.3	10
	Potato (TPS to Tuberlet)	TPS (HPS II/67)	30	15
TOTAL			174.6	210
Animal Husbandry	Piglet	LWY	200 no.	100
Fishery	Fingerling	IMC	40000 no	60
TOTAL			400200	160

Planting Materials production

Item	Crop	Variety	Produced quantity (Nos.)	(No. of farmers)
Commercial crop	Sugarcane	TNAU variety	10000	3
Fruits	Banana	10 varieties	500	20
	Mango	Amrapali	500	20
Vegetables	Winter Vegetable	5 varieties	12000	130
	Tomato	Arka Abhed	5000	25
	Capsicum	Pvt. sector variety	2000	15
	Brocculi	Pvt. sector variety	1000	25
Floriculture	Winter Flower	Pvt. sector variety	5000	50
	Marigold	Pusa Narangi & F1 Hybrid	2000	25
Plantation Crops	Areca nut	Local Selection	2000	45
	Coconut	Import Variety	500	55
Total			40500	413

MOTHER BLOCK DEVELOPMENT AT KVK FARM

Item	Crop	Variety	quantity (Nos.)
Major Fruits	Dragon Fruit	White/Red/Yellow	1200
	Guava	4	180
	Banana	10	170
	Ber	Apple Ber	5
Minor Fruits	Loquat		5
	Rambutan		5
	Durian		5
	Avocado		5
	Cocoa		5
	Rambutan		5
	Mangosteen		5
TOTAL			1590

OTHER UNITS DEVELOPMENT AT KVK FARM

Item	Breed	quantity (Nos.)/ unit	Requirement
Poultry Unit Extension	BND, Kadaknath	600	External fund for Demo unit & for Hatchery
Duckery Unit	White Pekin, Khaki Cambell	100	External fund
Fish Breeding unit	Amur Carp, Ornamental Fish , Jayanti Rahu		Hatchery set up

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

Sl. No.	Samples	Nos. of samples Analysed	Farmer beneficiaries	Village covered	Amount realised (Rs.)	SHCs to be issued to farmers (Nos.)
1.	Soil sample	1845	1845	46	277500	1845
2.	Water sample	235	235	19	-	-
3.	Plant sample	245	245	24	-	-
	Total	2325	2325	89	277500	1845

Mobile Advisory for 2023

Message type sent	Crop		Livestock		Weather		Marketing		Awareness		Other Enterprise		Total	
	No. of Message	No. of Beneficiary	No. of Message	No. of Beneficiary	No. of Message	No. of Beneficiary	No. of Message	No. of Beneficiary	No. of Message	No. of Beneficiary	No. of Message	No. of Beneficiary	No. of Message	No. of Beneficiary
Text only	91	5963	49	4896	96	6321	0	0	45	4123	16	2341	347	24288
Voice only	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Voice and Text both	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	91	5963	49	4896	96	6321	0	0	45	4123	16	2341	347	24288

NARI-2023

Year	Nutri- Smart Villages	Number of Beneficiaries					
		Nutrition Garden	Bio-fortified varieties	Value addition	Food fortification	Training	Extension activities
2023-24	Dabbari, Mendi, Singinala	53	2	20	0	80	175

KSHAMTA-2023

Year	Name of the Project	Beneficiary	Location
2023-24	Scientific Pig Farming	5	Bamancherra
	Integrated Duck cum Fish Farming	5	Mendi

DOGR – KVK Dhalai initiatives - Promotion of Groundnut in Northeast India

- No. of FLDs (New varieties from DOGR) (JAGATA, Baisishthya) (2023-24)-12 (4.8 ha)
- No. of FLDs (TAG-73) (2021-22, 2022-23, 2023-24)- 80 (Nos) (32 ha)
- Pod Yield: Jagatah (1656kg/ha), Baisishthya (1682kg/ha), TAG-73 (1730 kg/ha)
- No of Trainings/Field days conducted in 2023-24: 6

Cost of cultivation of groundnut and average net returns per hectare

Cost of cultivation (Rs./ha)	Gross return (Rs./ha)	Net return (Rs./ha)	B:C
75206	138400	63194	1.84:1




ICAR-CIFE




3 days collaborative training programme under TSP Scheme with ICAR-CIFE, Mumbai on "INTEGRATED FISH FARMING"




3 days collaborative training programme under TSP Scheme with ICAR-CIFE, Mumbai on "FISH BREEDING AND HATCHERY OPERATIONS"





DUCK CUM FISH IFF Collaborative programme under TSP scheme with ICAR-CIFE Mumbai

NABARD -2023

Year	Name of the Project	Project Component		Location
2023-24	Popularization of integrated fish farming (IFF) system in dhalai district for the sustainability of farm ecosystems &year-round assured supplemental income	1.	Prestocking management	Halhuli G.P., West Kuchainla and Chullubari Kanailal Para East Kuchainala
		2.	Integrated duck cum fish farming	
		3.	Integrated poultry cum fish farming	
		4.	Integrated pig cum fish farming	
		5.	Integrated horticulture cum fish farming	

NCIPM - 2023

Crop wise activity under NCIPM

Sl. no	Crop	Title	FLD & Beneficiary	Yield (t/ha)		% increase in yield
				Demo	Local check	
1	Chilli	IDM for Chilli Leaf Curl	20	10.545	8.424	25.17
2	Ginger	IDM for rhizome rot	15	22.08	14.82	48.98
3	Paddy	IPM for major pest	50	3.63	3.27	11
4	Brinjal	IPM for fruit and shoot borer	50	19.88	15.54	27.92
5	Watermelon	Popularization of IPM	15	246	194	26.80
6	Cucurbitaceous crops	IPM for fruit fly and whitefly	20	12.5	9.88	26.51
7	Mango	IPM for fruit fly	15	14.85	11.70	16.92

NCIPM - 2023

Training cum awareness program and input distribution under NCIPM

Different Awareness Activities under DAMU -2023

Publications-2023

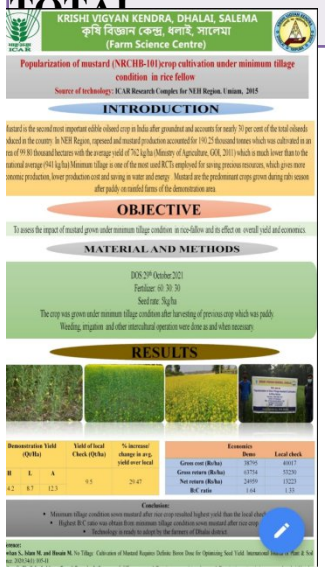
	Research Publication		
Sr. No	Title	Author	Journal Details
1	Mitigation of arsenic toxicity in rice grain through the soil-water-plant continuum	Dr. Abhijit Debnath, Tanmoy Bhowmik	Plant, Soil and Environment (NAAS – 8.40) https://doi.org/10.17221/470/2023-PSE
2	conjugal influences of Mulching materials and Genotypes over the vital Reproductive phenomena, Yield attributes, Bio-chemical parameters and Soil Water utilization of Watermelon [*Citrullus lanatus* (Thunb.) Matsum & Nakai]	Abhijit Debnath, A.K. Mohanty, A K Singha, Rubin Debbarma, Tanmoy Bhowmik	Journal of Environmental Biology (NAAS- 6.70) revision copy submitted
3	Protected cultivation of vegetable crops in India as well as global scenario	Abhijit Debnah and Prahlad Deb	The Pharma Innovation Journal (NAAS Rating: 5.23) 2023; SP-12(9): 2512-2518
4	Application of different plant growth regulators (PGRs) on yield and quality of bitter gourd	Abhijit Debnath and Rubin Debbarma	The Pharma Innovation Journal (NAAS Rating: 5.23) 2023; SP-12(11): 864-867
5	Multiple correspondence analysis of qualitative traits of jackfruit (Artocarpus heterophyllus Lam.) germplasm of Northern Tripura region, India	Abhijit Debnath	The Pharma Innovation Journal (NAAS Rating: 5.23) 2023; 12(9): 1313-1319
6	Organic farming practices for sustainable horticultural development	Abhijit Debnah	The Pharma Innovation Journal (NAAS Rating: 5.23) 2023; SP-12(10): 1604-1607
7	Assessment of integrated management of ginger soft rot disease	Abhijit Debnath, Rubin Debbarma	The Pharma Innovation Journal (NAAS Rating: 5.23) 2023; SP-12(11): 1706-1710

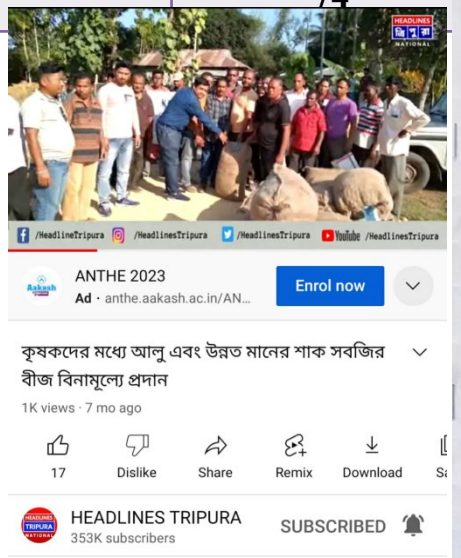
Publications-2023

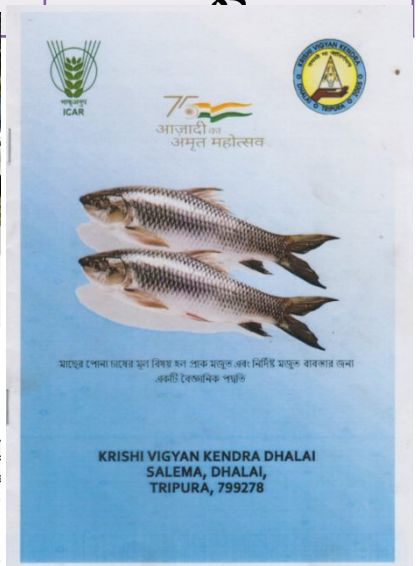
	Popular articles		
Sr. No	Title	Author	Journal Details
1	Adopting commercial floriculture as an alternative source of livelihood in North Tripura District, Tripura	Dr. Abhijit Debnath, SMS Horticulture KVK Dhalai	Ecofarming e-Magazine for Agriculture and Allied Sciences e-ISSN: 2583-0791 Vol. 03(03): 187-189, 2023 P. Date: May, 2023
2	Promotion of finger millets in the Dhalai district of Tripura	Dr. Abhijit Debnath, SMS Dr. Tanmoy Bhowmik, SMS	Ecofarming e-Magazine for Agriculture and Allied Sciences e-ISSN: 2583-0791 Ecofarming Vol. 03(02): 129-131, 2023 Pub. Date: Feb, 2023
3	Introduction and popularization of Cirrhinus reba (Lachu) in composite fish culture system in North Tripura	Dr. Abhijit Debnath, Biswajit Bal,	Ecofarming e-Magazine for Agriculture and Allied Sciences e-ISSN:2583-0791 Ecofarming, Vol. 04(01): 33-34, 2024 Pub. Date: Dec, 2023
4	A success story on integrated pest management (ipm) in brinjal Crop by the farmers of Dabbari village, Dhalai District, Tripura	Dr. Abhijit Debnath, Dr. Rubin Debbarma	Agrigate (International Multi discipline Magazine) ISBN: 978-81-965582-9-1 Pub. Date: Nov, 2022 Vol. 4, issue 4
	Books		
1	Technologies for sustainable agricultural development in Tripura Vol I	Dr Abhijit Debnath & Dr Ratan Das	Nitya Publications, 2023 ISBN 978-81-19147-34-2
2	Technologies for sustainable agricultural development in Tripura Vol II	Dr Abhijit Debnath, Syam K R & Dr Ratan Das	Nitya Publications, 2023 ISBN 978-81-19147-34-2

Publications

Extension Activity	Target	Completed
News paper coverage	30	32
News letter	1	1
Research papers	5	7
Popular articles	6	6
Books	1	2
Technical report/ article	7	7
Radio talks	5	5
TV Talks	2	2
Electronic media	10	11
CD publication (Short videos)	5	10
Extension literature	2	2
TOTAL	74	85







ACHEIVEMENTS

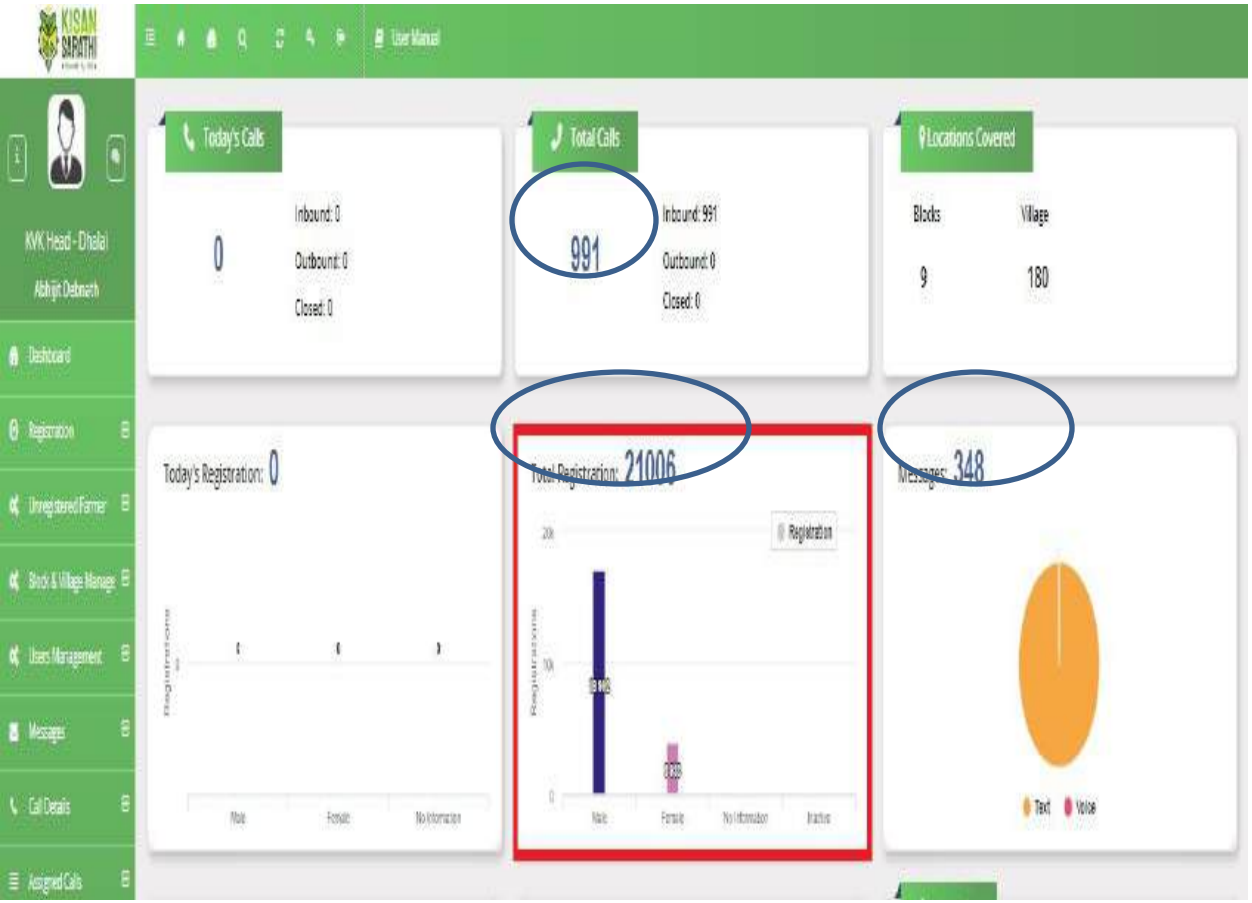
District progressive farmer Shri Bittu Dey, farmer of Dhalai District received the "Best Poster Award" on the occation of 1st Fish Farmers Science Congress

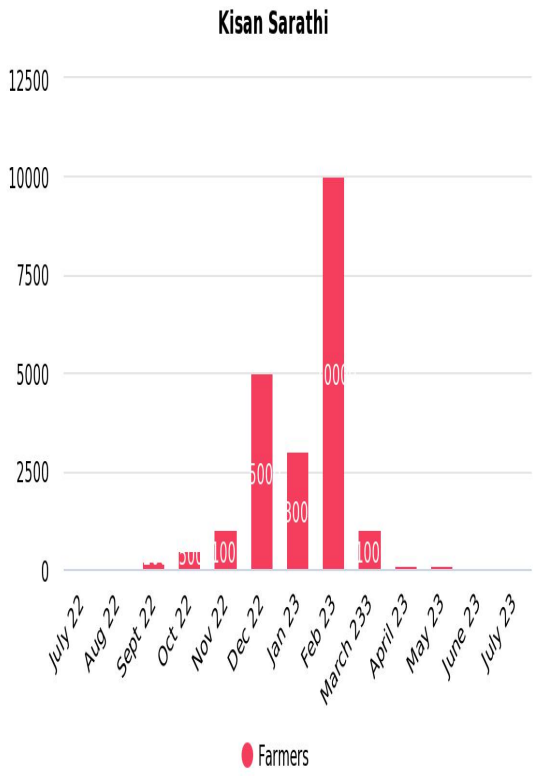
Progressive Farmer Shri Mahitosh Das received award from IIHR

Dr. Abhijit Debnath, SS&H of Krishi Vigyan Kendra Dhalai Received the Best Employee Award from Chief Guest Hon'ble Minister (ARDD, Fisheries, SC Welfare, Govt of Tripura) in the presence of District Magistrate and Collector, Dhalai

Dhalai District progressive farmer Shri Mahitosh Das, farmer of Dhalai District received the "Award of appreciation" & S.S&H of KVK Dhalai, Dr. Abhijit Debnath receive the "Award of Excellence"

KISAN SARATHI (Upto March 2023)





Photoadking.com

KVK Dhalai has completed total of 21006 nos of Farmers' registration in the Kisan Sarathi website.

And continuously sending different types of advisory especially weather-related massages to all the farmers of different villages of Dhalai District.

ARYA - 2023

Enterprise wise Achivement 2023

Enterprises Name	No. of Demonstration	No. of youths involved / batch	No. of training	No. of youths involved / batch	Technological interventions support in
FY 2023-24					
Piggery	5	5	4	113	Piglet, Training, azolla feeding
Mushroom	6	6	3	93	Training and good quality mushroom seed
Low cost Incubator (Poultry)	6	6	4	105	Low Cost Incubator ,BND chicks, Training

Total Budget utilization (2023-24): Rs. 487500

Swachhta Activities-2023

Some Mega Events of 2023-24

Promotion of Millets cultivation, Natural Farming, Input distribution programme at Ganda Twisa & Chawmanu

Mega Awareness Programme on Natural Farming

Soil Health Camp 2023-24

Soil Health Camps at Kamalpur, Chawmanu, Ganda Twisa, Durgachawmuhani

RURBAN 2023-24

ACTION PLAN TRAINING

RURBAN TRAINING

STRY- 7 DAYS TRAINNING PROGRAMME – INTEGRATED FARMING SYSTEM

TSP- PROJECT COLLABORATION WITH ICAR-CIFE MUMBAI

ACTION PLAN TRAINING

Training on Scientific management of poultry

Training on Integrated Farming System

Training on Scientific Pig Farming

Training on Scientific Feeding of Cattle

Management of diseases in Cattle

Training on Integrated Farming System

Training on Scientific management of Poultry Farming

Different Field visits

FLD field visit of brinjal title on "IPM in brinjal for Brinjal fruit and shoot borer" and Pheromone trap demonstration to farmers field at Rakhaltali

Diagnostic Field visit for Piggery Farmers at Rakhaltali

Farmers field visit by SMS (Fisheries Science) at Harerkhola

Different Diagnostic visits

Diagnostics field visit by SMS (Fisheries Science) at Kachuchhara

OFT (Fisheries science) sampling at farmers field

Different Visit & Awareness Programme

Farmers Awareness Programme On Block Level Agromet Advisory Services

Celebrating "International Year of Millets-2023"

Farmers Awareness Programme on Block Level Agromet Advisory Services, District Agro Metrology Unit (IMD) organized by KVK Dhalai

DM and Collector and different departmental official visited KVK Dhalai

Cumulative Achievements up to 31st August 2024 under 100 days

Programme/Event	Details	Dhalai
Promoting agri-entrepreneurships, institutional arrangements & market linkage	Target: 165 districts	
FPO promoted as CBBO/ market linkages/ support in branding/ packaging/ preparation of DPR for funding	Number	4
SHGs promoted/ market linkages/ support in branding/ packaging/ preparation of DPR for funding	Number	15
Linkages established with CSCs by KVKs	Number	1
Skill development & vocational training of ≥ 5days duration: Target 50,000 farm women and 50,000 youths to be trained.	Three training per KVK for 50 participants (25 farm women & 25 youth).	
Training programs organised	Number	3
Total farm women Trained	Number	36
Total youths trained	Number	9
Training under Natural Farming organised (Target: 17000 farmers to be trained)	No. of training/ No. of farmers @ 40 per training	
Training programs organised	Number	3

A workshop on promotion of Agri-entrepreneurship

Farmers seminar, soil health camp, training and input distribution

Preparation of DPR on two projects for two FPO submitted to NABARD, Tripura for approval of the projects

FPO-7 Blocks

Name of the Assigned Agency: SFAC (1 FPO)

Name of the CBBO: Sikkim State Co-operative Supply and Marketing Federation Ltd (SIMFED) for Ganganagar Block

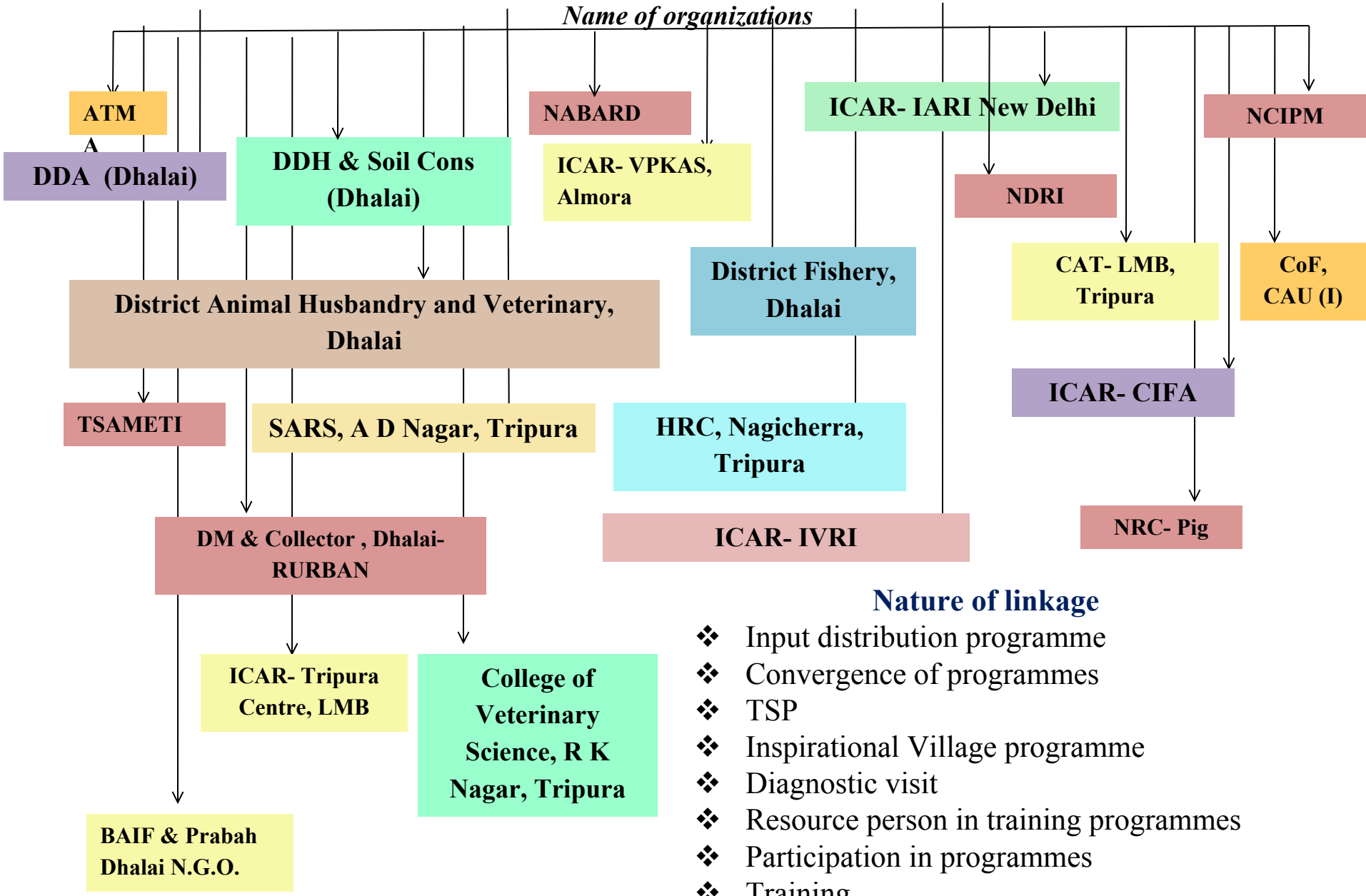
Proposed Location and Cluster for FPO by CBBO: Ganganagar Farmers Producer cooperative society Ltd, Dhalai
Crop Identified: Pineapple

Name of the Assigned Agency : NCDC (6 Nos) under 10,000 FPO Scheme

District	Block	CBBO	FPO Name	Registration	Act	Date of registration
Dhalai	Ambassa	Wellnext Seeds India Pvt Ltd	Ambassa Farmers Producer Cooperative Society Ltd.	3828 of 2023	Cooperative Societies Act	1/6/2023
Dhalai	Chawmanu	Wellnext Seeds India Pvt Ltd	Chawmanu Farmers Producers Cooperative Society Ltd.	3820 of 2023	Cooperative Societies Act	1/3/2023
Dhalai	Durgachowmuhani	Wellnext Seeds India Pvt Ltd	Durga Chowmuhani Farmers Producer Cooperative Society Ltd.	3824 of 2023	Cooperative Societies Act	1/6/2023
Dhalai	Manu	Wellnext Seeds India Pvt Ltd	Manu Farmers Producer Cooperative Society Ltd.	3825 of 2023	Cooperative Societies Act	1/6/2023
Dhalai	Raishyabari	Wellnext Seeds India Pvt Ltd	Rashyabari Farmers Producer Cooperative Society Ltd.	3822 OF 2023	Cooperative Societies Act	1/3/2023
Dhalai	Salema	Wellnext Seeds India Pvt Ltd	Salema Farmers Producer Cooperative Society Ltd.	3830 of 2023	Cooperative Societies Act	1/18/2023

Promotion of FPO & SHG

FUNCTIONAL LINKAGES



Nature of linkage

- Input distribution programme
- Convergence of programmes
- TSP
- Inspirational Village programme
- Diagnostic visit
- Resource person in training programmes
- Participation in programmes
- Training
- Participation in meetings

Some news paper coverage

NORTH EAST COLORS

03

STATE/REGION

NEC

camp on
c relations

For Good Harvest

Agriculture Minister Ratan Lal Nath during a distribution programme of farming tolls including tractors among farmers at Manikpur in Langtharal Valley on Friday. - NEC photo

Wellness
bassadors

over teachers transfer issue on Friday. - NEC Photo

ghat Chebri point

Hindi HS shines in CBSE exams

NEC Report

Agartala, May 12: Genius shines everywhere. The Hindi Higher Secondary School students of Agartala continue to show their supremacy in sustaining the legacy of fetching outstanding achievement records in the AISSCE, resulting in 2023 under the CBSE Board published on Friday. The students have set an example of their success in all 3 streams of Science, Arts and Commerce and have sustained and maintained the growth of all. In the science stream, 12 students got 100 out of 100 marks in one subject which is an unprecedented and inspiring precedent for other meritorious students of this school who have shown spectacular performance in of both Secondary and Higher Secondary examinations -2023. It is a matter of great pride and satisfaction that out of 75 students who appeared everyone has come out with great success Congratulating the students, Principal of the Hindi Higher Secondary School Bipin Kumar Singh said that 100% of students who appeared from this school have passed in this year's CBSE exam results out of which 45 are in the first category. Rajdeep Saha secured a healthy 98.8% mark while Supratik Roy 96.06%, Aiswarya Choudhury 96.2% and Maari Debbarma scored 96.2% marks in the Science stream result. Three students in the Arts stream, Neeha Saha with 93.6%, Kanakanjali Ghosh with 91.6% and Sajjad Hossain with 85% marks respectively set a precedent of special achievement. Commerce department students were also not lee behind. Iva Dasgar

CSC Van to Cluster level Federation

NEC Report

Agartala, May 12: CSC vans have been given to cluster level federations and village organizations of West Tripura district. The keys of the CSC van were handed over to the 4 tribal women presidents of cluster level federations and village organizations of 4 blocks of self-help groups of the district yesterday in a programme at the District Magistrate's office. Under the initiative of Information Technology Department and under the management of Tripura Rural Livelihood Mission, In-charge Sabhadhipati of West Tripura Zilla Parishad Haridulal Acharya handed over the keys of these 4 CSC vans to them. In-charge Sabhadhipati said that with the help of these vans, they will be able to deliver various administrative facilities to the people in remote areas. District Magistrate of West Tripura Debapriya Bardhan, Additional District Magistrate Rajib Datta, Additional District Magistrate Rajat Pant along with TRLM officials were present on the occasion.

These vans have been given to four cluster level federation and village organization presidents of the district. They are President of Talni Pohor Federation of Belbari block Sabita Debbarma, President of Kokak Berem Mahila Cluster of Multipurpose Cooperative Society of Hezamara Block Nilu Debbarma. President of Holong Mahila Cluster of Lefunga Block Multipurpose Cooperative Society Dipali Debbarma, and President of Kauchar Federation of Mandai Block Tarubala Debbarma. These vans have been provided under Digital India Initiation, Common Service Centre 2.0 scheme.

Arms not found in Kuki militant camps

NEC Report

Imphal, May 12: In an unexpected disclosure to the media, the Manipur Security Advisor Kuldiep Singh revealed that some arms and cadres are missing from designated camps of Kuki militant outfits under suspension of operation which raises questions on the recent attacks on villages and security forces in peripheral areas in Manipur. Briefing media at CM Secretariat in Imphal, Kuldiep said that inspection had been carried out in many designated camps of Kuki outfits by Assam Rifles and Manipur Police. During the inspection in many camps the cadres were found, while arms generally were found to be correct but in two out of the 14 designated camps some arms were not found and details are being examined.

The Security Advisor also hicle from a place in Churachandpur district. "So far 71 dead bodies have been recovered out of which 41 deaths were directly related to violent incidents that started on May 3", he added. He further informed that a total of 359 cases related to the violent clashes have been taken up and till now 423 arms and 6697 ammunition were recovered from the total arms and ammunition snatched from security forces. He also said that special emphasis is given in securing places where communities are living very close to each other by deploying 62 companies of paramilitary forces who have arrived in the state. Meanwhile, Manipur Chief Minister N. Biren led the state in paying floral tributes to Rifleman H. Jiten of 5th Manipur Rifles attached to Bishnupur Commando who lost his life on Thursday. May district. The lifeless body of Jiten was brought to Manipur Police Memorial in First Manipur Rifles, Imphal, where Chief Minister Biren along with family members of the deceased, Cabinet Ministers, MLAs, DGP with other top officials of police paid homage to the departed soldier. Biren led the paying of floral tributes, laying wreaths to the coffin containing the body of Jiten wrapped in Tricolour. The paying of tribute was followed by the customary Gun Salute. A personnel of 9th Assam Rifles was injured in an IED attack at Kulbung village in Churachandpur. According to sources, the attack took place on Friday morning at around 6 am. It was reported that troops of 9th Assam Rifles of Kumbi Setupur were patrolling the village when the pre-planted IED by unknown miscreants exploded. The injured personnel

নাথ।

বাল্যবিবাহ রোধে পথনাটক মঞ্চস্থ

সংবাদ প্রতিনিধি

কৈলাসহর, ১৪ মে ঃ জেলা আইন সেবা কর্তৃপক্ষের উদ্যোগে শুক্রবার কৈলাসহর পুরসভার অন্তর্গত সোনামারা ও দুর্গাপুরের সংযোগস্থলে অনুষ্ঠিত হয় একটি পথনাটক। বাল্যবিবাহ রোধে সচেতনতা বৃদ্ধি করাই ছিল পথনাটকটির মূল উদ্দেশ্য। সাধারণ জনগণের মধ্যে সচেতনতা বাড়াতে জেলা আইন সেবা কর্তৃপক্ষের তরফে এই উদ্যোগ নেওয়া হয়।

বাল্যবিবাহ রোধ করার মাধ্যমে মেয়েদের অধিকার কিভাবে সুরক্ষা করা যায় এবং মেয়েদেরকে ছেলেদের সমতুল্যভাবে কীভাবে সমাজে প্রতিষ্ঠিত করা যায় তার উপর নির্মিত হয় পথনাটিকা। জেলা আইন সেবা কর্তৃপক্ষের সচিব দীপা ভট্টাচার্যের নির্দেশেই পথনাটকটি অনুষ্ঠিত হয়। সাধারণ মানুষের মধ্যে সচেতনতা বৃদ্ধি ও নালসা প্রদত্ত বিভিন্ন কর্মসূচি সম্বন্ধে সাধারণ মানুষের কাছে বার্তা পৌঁছে দিতেই আয়োজিত হয় এই সচেতনতামূলক পথনাটক। নাটকটি পরিচালনার দায়িত্বে ছিলেন পিএলভি তাপস সরকার।

ধান চাষে ধলাই জেলা অন্যতম ঃ রতন

সংবাদ প্রতিনিধি, ছামনু, ১৪ মে ঃ লংতরাইভ্যালি মহকুমার মানিকপুর টাউন হলে ধলাই জেলা কৃষি বিজ্ঞান কেন্দ্রের উদ্যোগে দানাশস্যের চাষে উন্নতি, প্রাকৃতিক খামার এবং কৃষি যন্ত্রপাতি বন্টন নিয়ে এক জাঁকজমক অনুষ্ঠান করা হয়। ১২ মে দুপুর বারোটায় প্রদীপ প্রজ্বালন করে অনুষ্ঠানের উদ্বোধন করেন রাজ্যের কৃষি ও কৃষক কল্যাণ দপ্তরের মন্ত্রী রতনলাল নাথ। এই অনুষ্ঠানে প্রধান অতিথি হিসাবে উপস্থিত ছিলেন বিধায়ক শম্ভুলাল চাকমা। সম্মানিত অতিথিদের মধ্যে ছিলেন অল ত্রিপুরা ফার্মার ক্লাবের সভাপতি প্রদীপ বরণ রায়, কৃষি ও কৃষক কল্যাণ দপ্তরের অধিকর্তা শরদিন্দু দাস, জেলা কৃষি ও কৃষক কল্যাণ দপ্তর সহ অধিকর্তা কমল রিয়াং, লংতরাইভ্যালি মহকুমা ম্যাজিস্ট্রেট সুভাষ দত্ত, ছামনু কৃষি মহকুমার তত্ত্বাবধায়ক ড.দেবাশীষ পাল, বিশিষ্ট সমাজসেবী মোহনলাল চাকমা, তর্জমোহন ত্রিপুরা এবং মাধব বড়ুয়া প্রমুখ। এই অনুষ্ঠানে মন্ত্রী রতনলাল নাথ ধান চাষের পাশাপাশি দানাশষ্য (Millets) চাষাবাদ এবং উৎপাদন করার জন্য উপস্থিত কৃষকবন্ধুদের আবেদন জানান। এই কাজে রাজ্য কৃষি ও কৃষক কল্যাণ দপ্তর এবং কৃষি বিজ্ঞান কেন্দ্র যৌথভাবে কৃষকদের সাহায্য-সহায়তা এবং উৎসাহিত করবে বলে অভিমত রাখেন। তিনি ধানচাষে ধলাই জেলা অন্যতম বলে প্রশংসা করেন। মন্ত্রী আরও বলেন, মহকুমার প্রত্যেকটি পরিবারের জমি যাতে খালি পড়ে না থাকে। যেখানে যে ফসল বা বাগান করা যায় করতে হবে। আগামী এক মাসের মধ্যে মহকুমায় এক লক্ষ বিভিন্ন প্রজাতির ফলফসরা এবং চারা গাছ রোপণ করার জন্য মন্ত্রী আহ্বান জানালে কৃষক, জুমিয়া এবং উপস্থিত জনতা উল্লাসে সম্মতি প্রকাশ করেন। অনুষ্ঠানে বিধায়ক শম্ভুলাল চাকমা, কৃষি ও কৃষক কল্যাণ দপ্তরের অধিকর্তা শরদিন্দু দাস, রাজ্য কৃষক ক্লাবের সভাপতি প্রদীপ বরণ রায় বক্তব্য রাখেন এবং স্বাগত ভাষণ দেন ধলাই জেলা কৃষি বিজ্ঞান কেন্দ্রের বরিষ্ঠ বিজ্ঞানী এবং মুখ্য কার্যকর্তা ড. অভিজিৎ দেবনাথ। পরিশেষে মহকুমার বিভিন্ন এলাকার নির্বাচিত নয়শো পঁচাত্তর জন কৃষককে উন্নতমানের ধানবীজ রকমারি বিভিন্ন দানাশষ্যের বীজ, মাশরুম বীজ, মাটি পরীক্ষার সরঞ্জাম, পাওয়ারটিলার, ধান মাড়াই যন্ত্র, ধান ঝাড়াই যন্ত্র, নিরানী সহ অত্যাধুনিক কৃষি সরঞ্জাম মন্ত্রী এবং বিশিষ্টজনেরা কৃষকদের হাতে তোলে দেন। এছাড়া, এ দিন কৃষক সহ উপস্থিত জনতা টাউন হলের বাইরে প্রদর্শনী স্টলে হাতে-কলমে কৃষককে বোঝানো হয়। এই অনুষ্ঠানে সভাপতিত্ব করেন সমাজসেবী বিপ্লব দেওয়ান এবং উপস্থিত কৃষকবন্ধুদের মধ্যাহ্নে ভোজনে আপ্যায়ন করা হয়। এই অনুষ্ঠানকে ঘিরে প্রচুর সংখ্যক নতনারীর সমাগম হয়।

মানসী স্মরণে

পাত্র-পাত্রী

পাত্র-পাত্রীর জন্য যোগাযোগ করুন। দিব্যেন্দু দেব, আকানন্দীপ সোশাল অপিনিইজেশন, জগারায় মন্দিরের নিকট, আগরতলা। M : 9436134168, Time.

বিবিধ

Mathematics Tuition

অভিজ্ঞ শিক্ষক দ্বারা VI-X Math/Science XI-XII ছাত্রছাত্রীদের বাড়িতে গিয়ে Math পড়ানো হয়। Sanjoy Sir. Mob

মানিকপুরে কৃষি যন্ত্রপাতি বিতরণ

সান্দন প্রতিনিধি, লংতরাইভ্যালী, ১২ মে ।। কৃষি বিজ্ঞান কেন্দ্রের উদ্যোগে লংতরাইভ্যালী মহকুমার মানিকপুর টাউন হলে কৃষি সামগ্রি বিতরণ অনুষ্ঠানের আয়োজন করা হয়। প্রদীপ প্রজ্জ্বলনের মধ্য দিয়ে এই অনুষ্ঠানের উদ্বোধন করেন কৃষি ও কৃষক কল্যাণ দপ্তরের মন্ত্রী রতনলাল নাথ। এই অনুষ্ঠানে মোট ৯৭৫ জন বেনিফিসিয়ারির মধ্যে পাওয়ারটিলার, বিভিন্ন বীজ সহ কৃষি সামগ্রী বিতরণ করা হয়। প্রধান অতিথির বক্তব্যে রতনবাবু বলেন, এক ত্রিপুরা শ্রেষ্ঠ ত্রিপুরার লক্ষ্যে ত্রিপুরা সরকার কাজ করছে। প্রতিটি কৃষককে নিজেদের স্বাবলম্বী করে তুলতে হবে। তিনি আরো বলেন, কৃষি সামগ্রী যারাই পাবেন তারা যেন সেটা বাজারে বিক্রি না করেন। নিজের জমিতে ব্যবহার করে চাষাবাদ করে স্বাবলম্বী হন। নিজ ভঙ্গিমায় উপস্থিত বেনিফিসারিদের সাথে আলাপচারিতায় মেতে উঠেন। আগামীদিনে নিজেদের জমি খালি না রেখে কোন না কোন গাছ লাগানোর জন্য অঙ্গীকারবদ্ধ করান। তিনি এলাকার স্থানীয় বিধায়ক শম্ভুলাল চাকমারও ভূয়সী প্রশংসা করেন। আগামী দিনে এক ছামনু শ্রেষ্ঠ ছামনু গড়ে তোলার লক্ষ্যে রাজ্য সরকার সব ধরনের সহযোগিতার হাত বাড়িয়ে দেবে বলে আশ্বাস দেন।

কৃষিবিজ্ঞান কেন্দ্র ধলাই জেলার উদ্যোগে কৃষি কর্মশালা

সত্যভাষণ প্রতিনিধি, ধর্মনগর, ৯ সেপ্টেম্বর ঃ আজ কৃষিবিজ্ঞান কেন্দ্র ধলাই জেলার উদ্যোগে লংতরাইভ্যালি, আমবাসা, গন্ডাছড়া

গন্ডাছড়ায় কৃষকদের মধ্যে বিভিন্ন কৃষিজ সামগ্রী বিতরণ করেন কৃষিমন্ত্রী রতন নাথ

গন্ডাছড়া প্রতিনিধি, ১০মে।। ফারমার্স ক্লাব এবং কৃষি বিজ্ঞান কেন্দ্রের যৌথ উদ্যোগে বুধবার গন্ডাছড়ায় কৃষকদের মধ্যে বিভিন্ন কৃষিজ জিনিসপত্র বিতরণ করা হয়। এ উপলক্ষে গন্ডাছড়া টাউন হলে এক সংক্ষিপ্ত অনুষ্ঠানের

ম কৃষি সরঞ্জাম গুলি র মধ্যে তুলে দেওয়া হয়। ন উপস্থিত ছিলেন কৃষিমন্ত্রী াল নাথ, ফারমার্স ক্লাবের ভাপতি প্রদীপ বরণ রায়, কা নন্দিতা দেববর্মা রিয়াং, শ ভূমিকানন্দ রিয়াং, ভূতুর কের ভাইস চেয়ারম্যান চাকমা, সমাজসেবী সমীর ত্রিপুরা, দরবাছা চাকমা, ন সরকার, সত্তী চাকমা সহ প্রমুখ। কেন্দ্র এবং গন্ডাছড়া স্তরের আধিকারিকগণ। মহকুমা এলাকার ১০২১ ক পরিবারের মধ্যে বিভিন্ন কৃষি কাজের যন্ত্রপাতি বিভিন্ন ধরনের উচ্চ ফলনশীল ধান ও বীজ বিতরণ করা হয়। সেখানে আলোচনা করতে গিয়ে কৃষি মন্ত্রী রতনলাল নাথ বলেন ধর্ম যার যার উন্নয়ন সবার, দল যার যার উন্নয়ন সবার। তিনি বলেন রাজ্যে কৃষি বিজ্ঞান কেন্দ্র আগেও ছিল। কিন্তু তখন এই কৃষি বিজ্ঞান কেন্দ্রের কোন অ্যাক্টিভিটিস ছিল না। ২০১৮ সালে রাজ্যের ক্ষমতা পরিবর্তন হওয়ার পর বিশেষ করে ২০১৯-২০ অর্থবছর থেকে কৃষি বিজ্ঞান কেন্দ্রের অ্যাক্টিভিটিস শুরু হয়। এরপর থেকে রাজ্যের কৃষক ভাই-বোনেরা এ ফার্মার্স ক্লাবের মাধ্যমে বিভিন্ন সুযোগ-সুবিধা পাচ্ছে। কৃষিম কৃষকের আয় লক্ষ্যে কেন্দ্রীয় সরকার ধারা করে যাচ্ছে অনুষ্ঠানকে ঘি বোনদের মধ্যে করা যায়।

ধলাই জেলায় কৃষি কর্মশালা

দর্পণ প্রতিনিধি কাঁঠালিয়া ১ অক্টোবর।। কৃষিবিজ্ঞান কেন্দ্র ধলাই জেলা ও ত্রিপুরা কৃষি

কর্মশালার বিশেষ অতিথি প্রদীপ বরণ রায় বিগত সাড়ে তিন বছরে ত্রিপুরার কৃষি ও কৃষক সমাজের কী কী উপকার হয়েছে তার তথ্যসহকারে বিস্তারিত আলোচনা করেন। তিনি বলেন এই সরকার কৃষকের সরকার। এই সরকার গ্রামের মানুষের সরকার। ত্রিপুরা কৃষি মহাবিদ্যালয়ের অধ্যক্ষ ড. পি কে মাইতি সবজি চাষের উপর বিস্তৃত আলোচনা করেন এবং অধ্যাপক ড. দেবাশিস সেন ভাদ তিল চাষের উপর আলোচনা করেন। কৃষিবিজ্ঞান কেন্দ্রের বরিষ্ঠ বিজ্ঞানী তথা প্রধান ড. অভিজিৎ সভাপতি প্রদীপ বরণ রায়, ধলাই জেলা পরিষদের সহ-সভাপতি অনাদি সরকার, ত্রিপুরা কৃষি মহা

সালেমায় কৃষি কর্মশালা

রাজ্য সরকার ও কেন্দ্রীয় সরকারের কৃষি ও কৃষকের কল্যাণে বিভিন্ন প্রকল্পের বিস্তারিত বিবরণ দেন। কৃষিবিজ্ঞান কেন্দ্রের বরিষ্ঠ বিজ্ঞানী তথা প্রধান ডঃ অভিজিৎ দেবনাথ তার ভাষণে তিনি ধলাই জেলার কৃষকের কল্যাণে কমপক্ষে পাঁচটি এফ পি ও গঠন

Thrust Areas in Dhalai District

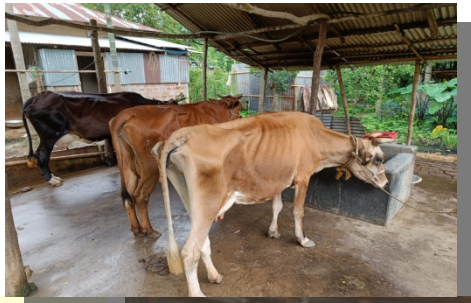
1. Paddy-based cropping system mainly Aus and Aman Paddy –
    a) New potential and suitable variety of testing and its Frontline Demonstrations,
    b) Biofertilizers, micronutrient & Nano Urea incorporation in Paddy,
    c) Rice – pulse (Blackgram i.e., One District One Crop), rice-oil seed cropping system- cropping intensity.
2. Assessment and popularisation of high-yielding and bio-fortified maize especially in tribal belts of the district.
4. High-value Horticultural crops – new varieties, technology packages, mgt, practices and diversification
6. IFS (Duck cum fish, poultry cum fish).
7. Mulching technology for high-value crops.
8. IPM- Chilli, paddy, tomato.
9. Ginger rhizome rot disease management thro' IDM in cluster belts.
10. Feeding management for piggery and poultry.
11. Plant base nutrient management (Wolffia) in fingerling rearing of IMC & Scientific feeding management.
12. New species of Fish like Jayanti Rohu, Pengba, and Ornamental fishes.
13. Entrepreneurship Development among Individual & Self Help Groups (SHGs).
14. Processing & Value Addition

Revenue generated by KVK Dhalai

Revenue generated by KVK Dhalai for the F.Y. 2023-24 in Lakhs

Planting materials	Seed Production	Fingerlings	Bio-agents	Crop components	Custom Hiring	Livestock
0.85	0.462	0.18	0.92	0.79427	0.18	4.98
Total 8.97083						





External Funded Projects

Name of the Agencies	Grant received	Purpose
NARI	80000	Awareness on nutrition gardening, Promote backyard kitchen gardening Developing Nutrition gardens at school level and anganwadi levels, FLD on year round scientific mushroom cultivation, Trainings and workshops on nutritional importance& nutri gardening.
KSHAMTA	80000	Promote integrated farming systems (Duck cum fish Integrated farming), Promote Scientific Pig farming Awareness and training programme regarding Integrated farming system, Scientific Pig farming etc.
DAMU	2236336	Provide regular weather report Different awareness programmes among farmers
ARYA	487500	Training for rural youth under pigerry, mushroom, goatery, poultry and provide supporting inputs
CIFE - NEH & TSP	250250	3- days training programme on Integrated Fish Farming for S.T. community 3- days training programme on Fish breeding and hatchery operation in S.T. community. Promotion of Integrated Farming system (Duck cum Fish Farming) in S.T. community.
STRY	210000	Skilled training for rural youth
Soil Health & Fertility of RKVY	277500	Soil testing, testing of soil samples, Soil health card generation, conduction of soil health camp
AICRP on Pigeon Pea	30000	Different triels and demo conducted under Pigeon Pea
NABARD	797600	Different training and awareness programme regardinfg fish farming and integrated farming systems, Popularization of different integrated fish farming systems for the sustainability of farm eco systems and year round assured suplimentery income.
SAP	48810	Different Training and awareness programmes regarding Swachhata, Distribution of dustbin, broom etc
Outreach Programme on Natural Farming	502222	Different Training, Awareness, Demonstration programme on Natural Farming

Thank You