

KRISHI VIGYAN KENDRA

SITAMARHI

ANNUAL ACTION PLAN

(APRIL 2021 TO MARCH 2022)



SUBMITTED TO

The Director

ICAR-Agricultural Technology Application Research Institute, Patna

Central Potato Research Station

PO- Sahaynagar, Patna- 801506

Bihar

ACTION PLAN 2021-2022

1. Name of the KVK:

Address	Telephone	E mail
	Office	
Krishi Vigyan Kendra Sitamarhi Vill+P.O-Balha Madhusudan, Via- Janakpur Road, Pupri, Sitamarhi, Bihar- 843320	09430259635 09931635622	sitamarhikvk@gmail.com sitamarhikvk@rediffmail.com

2. Name of host organization :

Address	Telephone	E mail
	Office	
Samta Seva Kendra Vill+P.O- Chainpura, Via- Janakpur Road, Pupri, Sitamarhi, Bihar- 843320	09430259635	sitamarhikvk@gmail.com sitamarhikvk@rediffmail.com

3.Training programme to be organized (April 2021 to March 2022)

(a) Farmers and farm women

Thematic area	Title of Training	No.	Duration	Venue On/Off	Tentative Date	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Crop Production	Weed management in Paddy	01	01	Off	August	01	01	-	-	20	03	21	04	25
	Weed management in Wheat	01	01	Off	January	07	01	-	-	20	02	27	03	30
	Package & practices RCT on techniques	02	02	Off	Aug. & Dec.	08	02	-	-	35	05	43	07	50
	Importance of Integrated farming system	02	02	Off	May & August	08	02	-	-	35	05	43	07	50
	Water management in Wheat	01	01	Off	December	01	01	-	-	20	03	21	03	24
	Water management in Pulses	01	01	Off	December	01	01	-	-	20	03	21	04	25
	Water management in Paddy	01	01	Off	July	01	-	-	-	20	05	21	05	26
	Package &	01	01	Off	May	05	02	-	-	15	03	20	05	25

	Practices of seed production of Paddy													
	Package & practices of seed production of Wheat	01	01	Off	October	03	-	-	-	20	02	23	02	25
	Nursery management of Paddy	02	02	Off	April	04	01	-	-	35	05	43	07	50
	Integrated crop management	02	02	Off	April & August	04	01	-	-	40	05	44	06	50
	Integrated crop management	02	02	On	Feb. & July	04	01	-	-	40	05	44	06	50
	Scientific cultivation of fodder production	01	05	On	September	03	02	-	-	18	02	21	04	25
Horticulture a) Vegetables crops	INM in Rabi Vegetables	01	01	Off	August	05	02	-	-	20	03	25	05	30
	INM in Summer Vegetables	01	01	Off	January	02	01	-	-	20	02	22	03	25
	Importance of water management in Summer Vegetables	01	01	Off	January	03	02	-	-	20	05	23	07	30
	Application of micro nutrients in Vegetables	02	02	Off	October	08	02	-	-	40	05	48	07	55
	Techniques of off season Vegetable cultivation	02	02	Off	November	08	02	-	-	40	05	48	07	55
	Nursery raising techniques in Vegetables	03	03	Off	Sep. & January	03	02	-	-	60	10	63	12	75
	Skill development training on Mushroom production	02	10	On	Oct & March	04	01	-	-	20	25	24	26	50
	Skill development training on Vermicompost production	02	10	On	April & August	04	01	-	-	20	25	24	26	50
	Protected	02	10	On	Dec &	08	02	-	-	40	05	48	07	55

	cultivation of Vegetables				January									
b) Fruits	Importance of training & pruning in Orchard	01	01	Off	September	03	02	-	-	20	05	23	07	30
	Technique for layout of new Orchard	01	01	Off	April	03	02	-	-	20	05	23	07	30
	Management of young Orchard	01	01	Off	Sep.	03	02	-	-	20	05	23	07	30
	Importance of rejuvenation of old Orchard	01	01	Off	August	03	02	-	-	20	05	23	07	30
	Role of micro irrigation system in Orchard	01	01	Off	February	03	02	-	-	20	05	23	07	30
	Methods of plant propagation techniques	01	05	On	June	03	02	-	-	20	05	23	07	30
Soil Health & Fertility management	Importance of soil health for ideal production	01	01	Off	May	03	02	-	-	20	05	23	07	30
	Role of Bio fertilizer & foliar application of water in different crops	01	01	Off	June	03	02	-	-	20	05	23	07	30
	Importance the use of organic input in cultivation	02	02	Off	July	03	02	-	-	40	05	43	07	50
	Role of INM in different crops	02	02	Off	July	06	02	-	-	60	02	66	04	70
	Role of INM in Vegetables	01	05	On	September	02	-	-	-	15	03	17	03	20
	Methods of soil sampling & testing	02	10	On	May	03	02	-	-	40	05	43	07	50
Live stock production & management	Importance of vaccination in livestock	01	01	Off	May	02	01	-	-	25	02	27	03	30
	Control of heat stress in livestock	01	01	Off	April	06	01	-	-	20	03	26	04	30
	Care and management	01	01	Off	June	03	02	-	-	20	05	23	07	30

	of pregnant buffalo													
	Clean milk production	02	02	Off	June	06	04	-	-	40	10	46	14	60
	Management of repeat breeding in cattle	02	02	Off	June	06	04	-	-	40	10	46	14	60
	Vaccination scheduled in goat	02	02	Off	July	06	04	-	-	40	10	46	14	60
	Retention of placenta-common problem	02	02	Off	July	06	04	-	-	40	10	46	14	60
	Scientific poultry production	02	02	Off	August	06	04	-	-	40	10	46	14	60
	Control of diarrhea and dysentery in calves	04	04	Off	August	12	08	-	-	80	20	92	28	120
	Importance of mineral mixture, vitamin & iodine salt in cattle	04	04	Off	September	12	08	-	-	80	20	92	28	120
	Role of uterine tonic in livestock	02	02	Off	September	06	04	-	-	40	10	46	14	60
Plant Protection	IPM in Rice	01	01	Off	June	04	01	-	-	20	05	24	06	30
	IPM in Wheat	01	01	Off	November	04	01	-	-	20	05	24	06	30
	IPM in Tomato	01	01	Off	October	04	01	-	-	20	05	24	06	30
	IPM in Brinjal	01	01	Off	September	04	01	-	-	20	05	24	06	30
	IPM in Cucurbits	01	01	Off	September	04	01	-	-	20	05	24	06	30
	Importance of seed treatment	03	03	Off	April & Sept.	12	03	-	-	60	15	72	18	90
	Disease management in crops	01	01	Off	May	04	01	-	-	20	05	24	06	30
	Disease management in Vegetables	01	01	Off	June	04	01	-	-	20	05	24	06	30
	Production techniques of bio pesticides	01	05	On	November	03	02	-	-	20	05	23	07	30

Fisheries	Role of Integrated fish farming	06	06	Off	Jan. to June	08	02	-	-	100	40	108	42	150
	Importance of Hatchery management	06	06	Off	Aug. to Dec.	08	02	-	-	100	40	108	42	150
	Methods of fingerlings rearing	05	05	Off	October to May	08	02	-	-	90	25	98	27	125
	Role & importance of Fish feed preparation	06	06	Off	June to March	25	05	-	-	135	15	150	20	170
	Fish disease management	01	05	On	July	03	02	-	-	20	05	23	07	30
	Importance of Hatchery management	02	02	On	Feb. & March	08	02	-	-	45	05	53	07	60
Production of inputs at Site	Vegetable seed production techniques	02	02	Off	April & May	03	02	-	-	40	05	43	07	50
	Cereal seed production techniques	02	02	Off	March & February	03	02	-	-	40	05	43	07	50
	Oilseed production techniques	01	01	Off	March	03	02	-	-	20	05	23	07	30
	Planting material production techniques	02	02	Off	June & July	03	02	-	-	40	05	43	07	50
	Method of Vermicompost production	02	10	On	Sept. & October	03	02	-	-	40	05	43	07	50
	Role of Balance fish feed	01	01	Off	February	03	02	-	-	23	02	26	04	30
Capacity Building & Group Dynamics	Importance of leadership development	02	02	Off	January & August	058	02	-	-	45	05	53	07	60
	Formation & management of SHGs	02	02	Off	Feb. & September	08	02	-	-	45	05	53	07	60

(b) Rural youths

Thematic area	Title of Training	No.	Duration (days)	Venue On/Off	Tentative Date	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Plant propagation	Plant propagation technique	02	05	Off	July & Aug.	05	05	-	-	20	20	25	25	50
Mushroom production	Mushroom production techniques	02	10	On	October	05	05	-	-	20	20	25	25	50
Integrated farming `	Role of integrated farming for sustainable income	02	02	Off	April & May	08	02	-	-	35	05	43	07	50
	Application of integrated farming	02	10	On	June & July	08	02	-	-	35	05	43	07	50
Seed production	Quality seed production techniques	02	10	On	Feb & October	08	02	-	-	30	10	38	12	50
Planting material production	Methods of planting material production	02	06	On	July & August	08	02	-	-	30	10	38	12	50
Vermiculture	Production techniques of Vermiculture	02	06	On	March & October	08	02	-	-	30	10	38	12	50
Protected cultivation of vegetables crops	Importance of protected cultivation of different vegetables	02	06	On	Nov. & January	08	02	-	-	30	10	38	12	50
Nursery management of Hort. Crops	Techniques of Nursery management in different Hort. Crops	01	05	On	September	03	02	-	-	20	05	23	07	30

Training & pruning of Orchard	Package & practices of training & pruning of different fruit plants	01	05	On	October	03	02	-	-	20	05	23	07	30
Poultry production	Scientific methods of ideal poultry production	02	06	On	Sept. & October	03	02	-	-	35	10	38	12	50

(c) Extension functionaries

Thrust area/ Thematic area	Title of Training	No.	Duration	Venue On/Off	Tentative Date	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Productivity enhancement in field crops	Package & practices for productivity enhancement in field crops	01	01	Off	May	03	02	-	-	18	02	21	04	25
IPM	Scientific application of IPM	02	06	On	June & Sept.	06	04	-	-	36	04	42	08	50
INM	INM application of IPM	02	06	On	June	06	04	-	-	36	04	42	08	50
Rejuvenation	Techniques of Rejuvenation of old and saline orchard	02	02	Off	October	06	04	-	-	36	04	42	08	50
Protected cultivation	Importance of protected cultivation	02	02	Off	November	06	04	-	-	36	04	42	08	50
Feed production	Package & Practices of Live Stock feed	01	01	Off	June	03	02	-	-	18	02	21	04	25

	production													
Organic inputs	Production methods of organic inputs	02	06	On	July	06	04	-	-	36	04	42	08	50

Abstract of Training: Consolidated table (ON and OFF Campus)

Farmers and Farm women

Thematic Area	No. of Cours es	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production	-	-	-	-	-	-	-	-	-	-	-	-	-
Weed Management	02	40	05	45	08	02	10	-	-	-	48	07	55
Resource Conservation Technologies	02	35	05	40	08	02	10				43	07	50
Cropping Systems	-	-	-	-	-	-	-	-	-	-	-	-	-
Crop Diversification	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated Farming	02	35	05	40	08	02	10	-	-	-	43	07	50
Water management	03	60	10	70	03	02	05	-	-	-	63	12	75
Seed production	02	35	05	40	08	02	10	-	-	-	43	07	50
Nursery management	02	35	05	40	08	02	10	-	-	-	43	07	50
Integrated Crop Management	04	80	10	90	08	02	10	-	-	-	88	12	100
Fodder production	01	18	02	20	03	02	05	-	-	-	21	04	25
Production of organic inputs	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, (cultivation of crops)	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	18	338	47	385	54	16	70	-	-	-	392	63	455
II. Horticulture	-	-	-	-	-	-	-	-	-	-	-	-	-
a) Vegetable Crops	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated nutrient management	02	40	05	45	08	02	10	-	-	-	48	07	55
Water management	01	20	05	25	03	02	05	-	-	-	23	07	30
Enterprise development	02	40	05	45	08	02	10	-	-	-	48	07	55
Skill development	04	40	50	90	08	02	10	-	-	-	48	52	100
Yield increment	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of low volume and high value crops	-	-	-	-	-	-	-	-	-	-	-	-	-
Off-season vegetables	02	40	05	45	08	02	10	-	-	-	48	07	55
Nursery raising	03	60	10	70	03	02	05				63	12	75
Exotic vegetables like Broccoli	-	-	-	-	-	-	-	-	-	-	-	-	-
Export potential vegetables	-	-	-	-	-	-	-	-	-	-	-	-	-
Grading and standardization	-	-	-	-	-	-	-	-	-	-	-	-	-
Protective cultivation (Green Houses, Shade Net etc.)	02	40	05	45	08	02	10	-	-	-	48	07	55
Others, if any (Cultivation of	-	-	-	-	-	-	-	-	-	-	-	-	-

Thematic Area	No. of Cours es	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Vegetable)													
TOTAL	16	280	85	365	46	14	60	-	-	-	326	99	425
b) Fruits	-	-	-	-	-	-	-	-	-	-	-	-	-
Training and Pruning	01	20	05	25	03	02	05				23	07	30
Layout and Management of Orchards	01	20	05	25	03	02	05				23	07	30
Cultivation of Fruit	-	-	-	-	-	-	-	-	-	-	-	-	-
Management of young plants/orchards	01	20	05	25	03	02	05	-	-	-	23	07	30
Rejuvenation of old and saline orchards	01	20	05	25	03	02	05	-	-	-	23	07	30
Export potential fruits	-	-	-	-	-	-	-	-	-	-	-	-	-
Micro irrigation systems of orchards	01	20	05	25	03	02	05	-	-	-	23	07	30
Plant propagation techniques	01	20	05	25	03	02	05	-	-	-	23	07	30
Others, if any(INM)	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	06	120	30	150	18	12	30	-	-	-	138	42	180
c) Ornamental Plants	-	-	-	-	-	-	-	-	-	-	-	-	-
Nursery Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Management of potted plants	-	-	-	-	-	-	-	-	-	-	-	-	-
Export potential of ornamental plants	-	-	-	-	-	-	-	-	-	-	-	-	-
Propagation techniques of Ornamental Plants	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-
d) Plantation crops	-	-	-	-	-	-	-	-	-	-	-	-	-
Production and Management technology	-	-	-	-	-	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-
e) Tuber crops	-	-	-	-	-	-	-	-	-	-	-	-	-
Production and Management technology	-	-	-	-	-	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-
f) Spices	-	-	-	-	-	-	-	-	-	-	-	-	-
Production and Management technology	-	-	-	-	-	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-

Thematic Area	No. of Cours es	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
g) Medicinal and Aromatic Plants	-	-	-	-	-	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-	-	-	-	-	-
Production and management technology	-	-	-	-	-	-	-	-	-	-	-	-	-
Post harvest technology and value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-
III. Soil Health and Fertility Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Soil fertility management	01	20	05	25	03	02	05	-	-	-	23	07	30
Soil and Water Conservation	01	20	05	25	03	02	05	-	-	-	23	07	30
Integrated Nutrient Management	03	75	05	80	08	02	10	-	-	-	83	07	90
Production and use of organic inputs	02	40	05	45	03	02	05	-	-	-	43	07	50
Management of Problematic soils	-	-	-	-	-	-	-	-	-	-	-	-	-
Micro nutrient deficiency in crops	-	-	-	-	-	-	-	-	-	-	-	-	-
Nutrient Use Efficiency	-	-	-	-	-	-	-	-	-	-	-	-	-
Soil and Water Testing	02	40	05	45	03	02	05	-	-	-	43	07	50
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	09	195	25	220	20	10	30	-	-	-	215	35	250
IV. Livestock Production and Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Dairy Management	02	45	05	50	08	02	10	-	-	-	53	07	60
Poultry Management	01	20	05	25	03	02	05	-	-	-	23	07	30
Piggery Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Rabbit Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Disease Management	10	200	50	250	30	20	50	-	-	-	230	70	300
Feed management	10	200	50	250	30	20	50	-	-	-	230	70	300
Production of quality animal products	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any (Goat farming)	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	23	465	110	575	71	44	115	-	-	-	536	154	690
V. Home Science/Women empowerment	-	-	-	-	-	-	-	-	-	-	-	-	-
Household food security by kitchen gardening and nutrition gardening	-	-	-	-	-	-	-	-	-	-	-	-	-
Design and development of low/minimum cost diet	-	-	-	-	-	-	-	-	-	-	-	-	-
Designing and development for high nutrient efficiency diet	-	-	-	-	-	-	-	-	-	-	-	-	-
Minimization of nutrient loss in	-	-	-	-	-	-	-	-	-	-	-	-	-

Thematic Area	No. of Cours es	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
processing													
Gender mainstreaming through SHGs	-	-	-	-	-	-	-	-	-	-	-	-	-
Storage loss minimization techniques	-	-	-	-	-	-	-	-	-	-	-	-	-
Enterprise development	-	-	-	-	-	-	-	-	-	-	-	-	-
Value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
Income generation activities for empowerment of rural Women	-	-	-	-	-	-	-	-	-	-	-	-	-
Location specific drudgery reduction technologies	-	-	-	-	-	-	-	-	-	-	-	-	-
Rural Crafts	-	-	-	-	-	-	-	-	-	-	-	-	-
Capacity building	-	-	-	-	-	-	-	-	-	-	-	-	-
Women and child care	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-
VI.Agril. Engineering	-	-	-	-	-	-	-	-	-	-	-	-	-
Installation and maintenance of micro irrigation systems	-	-	-	-	-	-	-	-	-	-	-	-	-
Use of Plastics in farming practices	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of small tools and implements	-	-	-	-	-	-	-	-	-	-	-	-	-
Repair and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-	-	-	-	-	-
Small scale processing and value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
Post Harvest Technology	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-
VII. Plant Protection	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated Pest Management	05	100	25	125	20	05	25	-	-	-	120	30	150
Integrated Disease Management	05	100	25	125	20	05	25	-	-	-	120	30	150
Bio-control of pests and diseases	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of bio control agents and bio pesticides	01	20	05	25	03	02	05				23	07	30
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	11	220	55	275	43	12	55	-	-	-	263	67	330
VIII. Fisheries	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated fish farming	06	100	40	140	08	02	10	-	-	-	108	42	150
Carp breeding and hatchery management	06	100	40	140	08	02	10	-	-	-	108	42	150
Carp fry and fingerling rearing	05	90	25	115	08	02	10	-	-	-	98	27	125
Composite fish culture & fish	01	20	05	25	03	02	05	-	-	-	23	07	30

Thematic Area	No. of Cours es	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond	06	135	15	150	25	05	30	-	-	-	160	20	180
Hatchery management and culture of freshwater prawn	02	45	05	50	08	02	10	-	-	-	53	07	60
Breeding and culture of ornamental fishes	-	-	-	-	-	-	-	-	-	-	-	-	-
Portable plastic carp hatchery	-	-	-	-	-	-	-	-	-	-	-	-	-
Pen culture of fish and prawn	-	-	-	-	-	-	-	-	-	-	-	-	-
Shrimp farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Edible oyster farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Pearl culture	-	-	-	-	-	-	-	-	-	-	-	-	-
Fish processing and value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	26	690	130	620	60	15	75	-	-	-	550	145	695
IX. Production of Inputs at site	-	-	-	-	-	-	-	-	-	-	-	-	-
Seed Production	05	100	15	115	09	06	15				109	21	130
Planting material production	02	40	05	45	03	02	05				43	07	50
Bio-agents production	-	-	-	-	-	-	-	-	-	-	-	-	-
Bio-pesticides production	-	-	-	-	-	-	-	-	-	-	-	-	-
Bio-fertilizer production	-	-	-	-	-	-	-	-	-	-	-	-	-
Vermi-compost production	02	40	05	45	03	02	05	-	-	-	43	07	50
Organic manures production	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of fry and fingerlings	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of Bee-colonies and wax sheets	-	-	-	-	-	-	-	-	-	-	-	-	-
Small tools and implements	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of livestock feed and fodder	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of Fish feed	01	23	02	25	03	02	05	-	-	-	26	04	30
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	10	203	27	230	18	12	30	-	-	-	221	39	260
X. Capacity Building and Group Dynamics	-	-	-	-	-	-	-	-	-	-	-	-	-
Leadership development	02	45	05	50	08	02	10	-	-	-	53	07	60
Group dynamics								-	-	-			
Formation and Management of SHGs	02	45	05	50	08	02	10	-	-	-	53	07	60
Mobilization of social capital													
Entrepreneurial development of farmers/youths	-	-	-	-	-	-	-	-	-	-	-	-	-
WTO and IPR issues	-	-	-	-	-	-	-	-	-	-	-	-	-

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	04	90	10	100	16	04	20	-	-	-	106	14	120
XI Agro-forestry	-	-	-	-	-	-	-	-	-	-	-	-	-
Production technologies	-	-	-	-	-	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated Farming Systems	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-
XII. Others (Pl. Specify)	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL													

Rural youth

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production	04	40	40	80	10	10	20	-	-	-	50	50	100
Bee-keeping	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated farming	04	70	10	80	15	05	20	-	-	-	85	15	100
Seed production	02	30	10	40	08	02	10	-	-	-	38	12	50
Production of organic inputs	-	-	-	-	-	-	-	-	-	-	-	-	-
Planting material production	02	30	10	40	08	02	10	-	-	-	38	12	50
Vermi-culture	02	30	10	40	08	02	10	-	-	-	38	12	50
Sericulture	-	-	-	-	-	-	-	-	-	-	-	-	-
Protected cultivation of vegetable crops	02	30	10	40	08	02	10				38	12	50
Commercial fruit production	02	15	02	17	06	02	08	-	-	-	21	04	25
Repair and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-	-	-	-	-	-
Nursery Management of Horticulture crops	01	20	05	25	03	02	05	-	-	-	23	07	30
Training and pruning of orchards	01	20	05	25	03	02	05	-	-	-	23	07	30
Value addition	-	-	-	-	-	-	-	-	-	-	-	-	-

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Production of quality animal products	-	-	-	-	-	-	-	-	-	-	-	-	-
Dairying	-	-	-	-	-	-	-	-	-	-	-	-	-
Sheep and goat rearing	-	-	-	-	-	-	-	-	-	-	-	-	-
Quail farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Piggery	-	-	-	-	-	-	-	-	-	-	-	-	-
Rabbit farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Poultry production	02	35	10	45	03	02	05	-	-	-	38	12	50
Ornamental fisheries	-	-	-	-	-	-	-	-	-	-	-	-	-
Para vets	-	-	-	-	-	-	-	-	-	-	-	-	-
Para extension workers	-	-	-	-	-	-	-	-	-	-	-	-	-
Composite fish culture	-	-	-	-	-	-	-	-	-	-	-	-	-
Freshwater prawn culture	-	-	-	-	-	-	-	-	-	-	-	-	-
Shrimp farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Pearl culture	-	-	-	-	-	-	-	-	-	-	-	-	-
Cold water fisheries	-	-	-	-	-	-	-	-	-	-	-	-	-
Fish harvest and processing technology	-	-	-	-	-	-	-	-	-	-	-	-	-
Fry and fingerling rearing	-	-	-	-	-	-	-	-	-	-	-	-	-
Small scale processing	-	-	-	-	-	-	-	-	-	-	-	-	-
Post Harvest Technology	-	-	-	-	-	-	-	-	-	-	-	-	-
Tailoring and Stitching	-	-	-	-	-	-	-	-	-	-	-	-	-
Rural Crafts	-	-	-	-	-	-	-	-	-	-	-	-	-
Enterprise development	-	-	-	-	-	-	-	-	-	-	-	-	-
Others if any (Fish)	02	15	02	17	06	02	08	-	-	-	21	04	25
TOTAL	24	335	114	449	78	33	111	-	-	-	413	147	560

Extension functionaries

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops	01	18	02	20	03	02	05	-	-	-	21	04	25

Integrated Pest Management	02	36	04	40	06	04	10	-	-	-	42	08	50
Integrated Nutrient management	04	72	08	80	12	08	20	-	-	-	84	16	100
Rejuvenation of old orchards	02	36	04	40	06	04	10	-	-	-	42	08	50
Value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
Protected cultivation technology	02	36	04	40	06	04	10	-	-	-	42	08	50
Formation and Management of SHGs	-	-	-	-	-	-	-	-	-	-	-	-	-
Group Dynamics and farmers organization	-	-	-	-	-	-	-	-	-	-	-	-	-
Information networking among farmers	-	-	-	-	-	-	-	-	-	-	-	-	-
Capacity building for ICT application	-	-	-	-	-	-	-	-	-	-	-	-	-
Care and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-	-	-	-	-	-
WTO and IPR issues	-	-	-	-	-	-	-	-	-	-	-	-	-
Management in farm animals	-	-	-	-	-	-	-	-	-	-	-	-	-
Feed and fodder production for livestock	01	18	02	20	03	02	05	-	-	-	21	04	25
Household food security	-	-	-	-	-	-	-	-	-	-	-	-	-
Women and Child care	-	-	-	-	-	-	-	-	-	-	-	-	-
Low cost and nutrient efficient diet designing	-	-	-	-	-	-	-	-	-	-	-	-	-
Production and use of organic inputs	02	36	04	40	06	04	10	-	-	-	42	08	50
Gender mainstreaming through SHGs	-	-	-	-	-	-	-	-	-	-	-	-	-
Crop intensification	-	-	-	-	-	-	-	-	-	-	-	-	-
Others if any (Fish)	02	24	08	32	06	02	08	-	-	-	30	10	40
TOTAL	16	276	36	312	48	30	78	-	-	-	324	66	390

4. Frontline demonstration to be conducted*

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1.	Litchi	5	Popularization for application of Zinc, Boron & Planofix	Percentage of fruit dropping & fruit cracking	Zinc, Boon & Planofix	10000	3000	01	-	-	-	07	02	08	02	10
2.	Mango	5	Popularization of NAA application in Mango to control Fruit dropping	Percentage of fruit dropping	Planofix	3000	-	01	-	-	-	07	02	08	02	10
3.	Oyster Mushroom	50 unit	Popularization of Oyster Mushroom	Yield	Spawn	10000	-	05	02	-	-	10	33	15	35	50
4.	Paddy	4.0 ha	Popularization of Swarna Sub-1	Yield	Seed	5000	4000	02	-	-	-	08	-	10	-	10
5.	Wheat	2.0 ha	Popularization of HD – 3118	Yield	Seed	8000	7000	01	-	-	-	09	-	10	-	10
6.	Buffalo	20	Uterine tonic	Milk production	Himrop	9500	4200	04	01	-	-	12	03	16	04	20
7.	Goat	1200	PPR vaccine	Prevention of disease	Vaccine	2500	-	200	100	-	-	700	200	900	300	1200
8.	Fisheries	5.0 ha	Popularization of potassium paramagnet	Control of external fish diseases with dip treatment	Potassium peranamga nate	5000	3000	01	-	-	-	09	-	10	-	10

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Field day	Field day on nutrient & manure management	02	PF	2	Off	06	04	-	-	40	10	46	14	60
Kisan Gosthi	Discussion on nutrient & manure management	02	PF	2	Off	06	04	-	-	40	10	46	14	60
Training	Use of application of nutrients & NAA in Litchi	01	PF	1	Off	05	02	-	-	28	05	33	07	40
	Application of NAA in Mango	01	PF	1	Off	03	02	-	-	18	02	21	04	25
	Popularization of high yielding var. of Tomato	01	PF	1	Off	03	02	-	-	20	05	23	07	30
	Popularization of Oyster Mushroom	01	RY	1	Off	05	05	-	-	20	20	25	25	50
Exposure	Exposure of	01	RY	1	Dr.	05	05	-	-	20	20	25	25	50

	Rural Youth on Mushroom Production				RPCAU, Pusa									
Group Meeting	Awareness for latest technology under Fruits, Vegetables and Mushroom	01	PF & RY	2	On	05	02	-	-	18	05	23	07	30

4. a) Seed and planting material production by utilization of instructional farm (Crops / Enterprises)

Name of the Crop / Enterprise	Variety/Type	Period From..... to	Area (ha.)	Details of Production				
				Type of Produce	Expected Production (quintals)	Cost of inputs (Rs.)	Expected Gross income (Rs.)	Expected Net Income (Rs.)
Mango	Maldah, Bombay, Deshari, Amrapali, Mallika, Jardalu, Hemsagar	All around year	1.0	Planting material	5000	1,75,000	3,40,000	1,65,000
Litchi	Sahi, China, Bombay		0.5	Planting material	1000	30,000	60,000	30,000
Guava	L-49, Safeda, Lalit		0.5		1000	30,000	60,000	30,000
Citrus	Kagzi		0.5		500	15,00	30,000	15,000
Tomato	Arka Ananya, Avinash-3	Rabi	500 sqm	Seedling	25,000	25,000	50,000	25,000
Brinjal	Swarna Shakti, Swana Pratibha	Rabi	500 sqm	Seedling	25,000	25,000	50,000	25,000
Chilli	-	Rabi	500 sqm	Seedling	25,000	25,000	50,000	25,000
Paddy	Rajendra Mansoori, Sweta, Rajsree	Kharif	6.0	Seed	250 qt.	1,75,000	4,00,000	2,25,000
Wheat	HD- 2967	Rabi	6.0	Seed	200 qt.	2,40,000	5,00,000	2,60,000

b) Village Seed Production Programme

Name of the Crop / Enterprise	Variety / Type	Period From..... to	Area (ha.)	No. of farmers	Details of Production				
					Type of Produce	Expected Production(q)	Cost of inputs (Rs.)	Expected Gross income (Rs.)	Expected Net Income (Rs.)
Paddy	Rajendra Mansoori	Kharif	5.0	30	Truthful	200	1,25,000.00	4,00,000.00	2,75,000.00
Wheat	HD -2967	Rabi	4.0	20	Truthful	130	1,20,000.00	2,60,000.00	1,40,000.00

5. Extension Activities

Sl. No.	Activities/ Sub-activities	No. of activities proposed	Farmers				Extension Officials			Total		
			M	F	T	SC/ ST (% of total)	Male	Female	Total	Male	Female	Total
1.	Field Day	12	400	200	600	15	15	05	20	415	215	630
2.	KisanMela	01	300	100	400	20	20	10	30	320	120	440
3.	KisanGhoshthi	12	400	200	600	15	10	05	15	410	205	615
4.	Exhibition	-	-	-	-	-	-	-	-	-	-	-
5.	Film Show	02	150	50	200	10	02	03	05	152	53	205
6.	Method Demonstrations	-	-	-	-	-	-	-	-	-	-	-
7.	Farmers Seminar	-	-	-	-	-	-	-	-	-	-	-
8.	Workshop	01	-	-	-	-	-	-	-	-	-	-
9.	Group meetings	10	120	30	150	10	-	-	-	120	30	150
10.	Lectures delivered as resource persons	12	600	100	700	15	30	20	50	630	120	750
11.	Advisory Services	10	4000	2000	6000	10	500	500	1000	5500	3500	10000
12.	Scientific visit to farmers field	10	2000	500	2500	15	20	30	50	2020	530	2550
13.	Farmers visit to KVK	10	2000	500	2500	15	20	30	50	2020	530	2550
14.	Diagnostic visits	20	400	100	500	15	25	25	50	425	125	550

15.	Exposure visits	03	100	50	150	15	-	-	-	100	50	150
16.	Ex-trainees Sammelan	01	100	50	150	15	-	-	-	100	50	150
17.	Soil health Camp	01	150	50	200	15	50	10	60	200	60	260
18.	Animal Health Camp	02	150	100	250	15	-	-	-	150	100	250
19.	Agri mobile clinic	-	-	-	-	-	-	-	-	-	-	-
20.	Soil test campaigns	01	100	50	150	15	10	10	20	110	60	170
21.	Farm Science Club Conveners meet	-	-	-	-	-	-	-	-	-	-	-
22.	Self Help Group Conveners meetings	02	50	50	100	10	05	05	10	55	55	110
23.	Mahila Mandals Conveners meetings	-	-	-	-	-	-	-	-	-	-	-
24.	Celebration of important days (specify)	05	400	100	500	15	15	05	20	415	115	530
25.	Sankalp Se Siddhi	02	50	50	100	15	05	05	10	55	55	110
26.	Swatchta Hi Sewa	05	200	50	250	15	40	10	50	240	60	300
27.	Mahila Kisan Diwas	01	-	100	100	15	-	10	10	-	110	110
28.	Any Other (Specify)	-	-	-	-	-	-	-	-	-	-	-
	Total											

6. Revolving Fund (in Rs.)

Year	Opening Balance	Expen diture	Income	Total Balance Amount
2013-14	2,68,176.00	2,74,250.00	1,74,802.00	1,68,728.00
2014-15	1,68,728.00	3,33,000.00	4,78,061.00	3,13,789.00
2015-16	3,13,789.00	3,12,060.00	3,32,803.00	3,34,532.00
2016-17	3,34,532.00	2,64,539.00	2,21,274.00	2,91,267.00
2017-18	2,91,267.00	5,30,143.66	5,40,663.00	3,01,786.34
2018-19	3,01,786.34	9,75,731.60	1,038,977.00	3,65,031.74
2019-20	3,65,031.74	6,52,202.51	7,36,962.00	4,49,968.23
2020-21	5,19,789.00	3,72,600.00	13,29,518.00	8,94,789.00

7. Expected fund from other sources and its proposed utilization

Project	Source	Amount to be received (Rs. in lakh)
Training	ATMA, Sitamarhi	50,000.00
Exposure	ATMA, Sitamarhi	1,00,000.00
Demonstration	ATMA, Sitamarhi	50,000.00
Short term research	ATMA, Sitamarhi	50,000.00
Farmers Scientist Interaction	ATMA, Sitamarhi	50,000.00
Skill development programme	BAMETI, Patna	10,00,000.00

8. On-farm trials to be conducted*

OFT – 1

Season	:	Rabi 2021
Title	:	Refinement of foliar spray doses of Boron and zinc in Tomato for higher yield
Problem diagnose	:	Fruit cracking in Tomato
Details of technologies selected for assessment/refinement	:	Farmers practice : No use of Boron & Zinc
		TO-1 : Foliar spray of 0.1% Boric Acid
		TO-2 : Foliar spray of 0.2% zince sulphate
		TO-3 : TO+TO2
Source of technology	:	BAU, Sabour, Bhagalpur
Replication	:	5
Plot Size	:	800 sqm
Unit cost		Rs. 2000 approx
Total cost		Rs. 10000 approx
Production system and thematic area	:	Paddy- Tomato, Nutrient management
Performance of technology with performance indicator	:	i) Percentage of fruit cracking ii) Average fruit size iii) Yield iv) BCR
process of farmers participation & their reaction	:	i) Group meeting ii) Training

OFT – 2

Season	:	Rabi 2021
Title	:	Assessment of INM on yield and economics of cauliflower
Problem diagnose	:	Low productivity of cauliflower
Details of technologies selected for assessment/refinement	:	Farmers practice : Use of NPK 150:100:80
	:	TO-1 : RDF based on soil test value
	:	TO-2 : 50% RDF+ vermicompost 2 ton/ha + soil application of PSB @ 5 kg/ha
Source of technology	:	BAU, Sabour, Bhagalpur
Replication	:	05
Plot Size	:	600 sqm.
Unit cost	:	Rs. 2000 approx
Total cost	:	Rs. 10000
Production system and thematic area	:	Paddy-cauliflower, Nutrient management
Performance of technology with performance indicator	:	i) Pod size ii) Pod colour iii) Ave. Pod weight iv) Ave. productivity v) BCR
process of farmers participation & their reaction	:	i) Group meeting ii) Training iii) Telephonic discussion

OFT – 3

Season	:	Rabi 2021
Title	:	Assessment of establishment on different methods of DSR cultivation.
Thematic Area	:	Crop Management
Problem diagnose	:	Delayed Planting of rice due to scarcity of labour and weather variation at transplanting time reduces yield and profit
Production system	:	Paddy- Wheat
Micro farming system	:	Agri- Animal husbandry
Technology for Testing	:	Method of sowing
Existing practice	:	32 qt./ha.
Hypothesis	:	45 qt./ha.
Objectives	:	Enhanced productivity of paddy
Treatment	:	Farmers practice :Transplanting rice
	:	TO-1 : DSR (Dry method)
	:	TO-2 : DSR (Wet method with help of Drum Seeder)
Critical Input	:	Seed, Labour
Unit size	:	400 m ²
No. of replications	:	07
Unit cost	:	Rs. 1,500/- approx
Total cost	:	Rs. 10,500/- approx
Monitoring indicator	:	I) Yield & Yield attributes
	:	II) Economics
Source of technology	:	DRRPCAU, Pusa

OFT – 4

Season	:	Rabi 2021
Title	:	Assessment of productivity of late sown wheat under foliar application of potassium nitrate (KNO ₃)
Thematic Area	:	Nutrient Management
Problem diagnose	:	Low yield in delay sown wheat due to terminal heat stress
Production system	:	Paddy- Wheat
Micro farming system	:	Agri- Animal husbandry
Technology for Testing	:	Nutrient management
Existing practice	:	30 qt./ha
Hypothesis	:	40 qt./ha
Objectives	:	Enhanced productivity of Wheat
Treatment	:	Farmers Practice: Delay sown wheat in 2 nd fortnight of December
	:	T. O- 1: Foliar spray of 0.5 %potassium nitrate (KNO ₃) at booting stage & 0.5 % potassium nitrate (KNO ₃) at anthesis stage
	:	T. O- 2: Foliar spray of 1.0 %potassium nitrate (KNO ₃) at anthesis stage
Critical Input	:	Potassium nitrate&labour
Unit size	:	400 m ²
No. of replications	:	10
Unit cost	:	Rs. 1,500/- approx
Total cost	:	Rs. 15,000/- approx
Monitoring indicator	:	To be recorded data on Cost of cultivation (Rs./ha). Gross return (Rs/ha) , B:C ratio and Increase in yield (%)
Source of technology	:	BAU, Sabour

OFT – 5

Crop/Enterprise	:	Buffalo
Title	:	To improve productive and reproductive performance of Buffalo
Thematic Area	:	Livestock production management
Problem diagnose	:	Poor reproduction rate
Importance cause	:	Imbalance use of mineral mixture and vitamine
Production system	:	Live stock production and Management
Micro farming system	:	Agriculture based Animal husbandry
Technology for Testing	:	Mineral and vitamine
Existing practice	:	No regular use of mineral mixture and vitamine
Hypothesis	:	Reduce reproduction rate and increase milk production rate
Objectives	:	To enhance milk reproduction as well as production
Experimental details	:	T.O-1: Farmer practices – Grazing + concentrate feeding
	:	T.O-2 : Deworming @ 7.5 mg/kg body weight and Albendazole @ 10 mg/kg body weight after 15 days interval
	:	T.O-3 : T.O-2+Mineral mixture & vitamine (CRS) @ 35 gm for 90 days
Critical inputs	:	Dewormer, mineral mixture & vitamine
Unit size	:	01
No. of replications	:	10
Unit cost	:	Rs. 1400/- approx
Total cost	:	Rs. 14000/- approx
Monitoring indicator	:	i) Technical : Balance feed intake
	:	ii) Economics : Milk production as well as reduce inter calving period
Source of technology	:	WBUAFS, Kolkata

OFT - 6

Crop/Enterprise	:	Goat
Title	:	Assessment of mineral and vitamine supplementation on the health of Goat
Problem diagnose	:	Poor body weight gain
Importance cause	:	Multi factors causes reduce body weight gain
Production system	:	Live stock production and Management
Micro farming system	:	Agricultural based Animal husbandry
Technology for testing	:	Anthelmintics and Minfa gold
Existing practices	:	No regular use of dewormer and mineral mixture
Hypothesis	:	Fenbendazole and mineral mixture supplementation
Objective	:	To improve body weight gain (kg)
Experimental details	:	Farmer practices : Natural grazing with no use of Anthelmintics
	:	T.O-1 : Periodic deworming (Fenbendazole) @ 7.5 mg/kg body weight and oxclozanide @ 10 mg/kg body weight before and after rainy season
	:	T.O-2 : T.O. 1 + mineral mixture and vitamine (Minfagold) @ 10 gm for 120 days
Critical inputs	:	Fenbendazole and Minfagold
Unit size	:	05
No of replication	:	10
Unit cost	:	Rs. 1300/- approx
Total cost	:	Rs. 13000/- approx
Monitoring indicator	:	i) Technical : Goat health
	:	ii) Economics : Body weight gain (kg)
Source of technology	:	WBUAFS, Kolkata

OFT – 7

Season	:	Kharif 2021
Title	:	Assessment of growth performance of improve fish varieties (Improved Catla, Jayanti Rohu & Amur Carp) in comparison with Catla, Rohu and Common carp.
Thematic Area	:	Enhance fish production
Problem diagnose	:	Low productivity of fish pond due to poor seed quality
Importance cause	:	Due to poor seed quality
Production system	:	Composite fish culture
Micro farming system	:	Culture of improved fish varieties
Technology for Testing	:	To assessment of growth performance
Existing practice	:	composite fish farming
Hypothesis	:	Increases fish production with use of improved fish varieties fish seed
Objectives	:	Enhance fish production with good quality fish seed
Treatment	:	Farmer Practices : Stocking density @7000/ha fingerling of Catla, Rohu and common carp
	:	TO-1 : : Stocking density @7000/ha fingerling (3500 Catla, Rohu and common carp + 3500 Improved catla, Jayanti Rohu and Amur carp)
	:	TO-2 : Stocking density @7000/ha fingerling of Improved catla, Jayanti rohu and Amur carp
Critical Input	:	Improved fish varieties fish seed
Unit size	:	900 m ²
No. of replications	:	03
Unit cost	:	Rs. 2000/- approx
Total cost	:	Rs18000/- approx
Monitoring indicator	:	i) Fish Production
	:	ii) growth performance
	:	iii) B:C ratio
Source of technology	:	CIFA Bhubaneswar

OFT- 8

Title	:	Assessment of knowledge gain by farmers through extension literature
Season & Year	:	2021
Problem diagnose	:	Lack of technical knowledge for farmers as per need
Thematic area	:	Information Communication Technology
Target	:	Farmers and farm women
Number of trials	:	02
Experimental details	:	T.O-1: Farmer practices – Existing agricultural technical knowledge
	:	T.O-2 : KVK literature supply like KVK News Letter, Folders, Leaflet & Bulletin etc.[No. of contact farmer=10 (2x5)]
	:	T.O-3-: Supplementary extension literature by other publications (ICAR-Kheti, Krishi Chayanika & Krishak Doot, Krishak Jagat etc.)
Performance indicator/parameter	:	i) Need & time based information ii) Applicability of the Print Media iii) Knowledge gain by farmer

OFT- 9

Title	:	Assessment of Dissemination of Agricultural information through Voice Kisan Mobile Advisory
Season & Year	:	2021
Problem	:	Non availability of technical knowhow in un educated persons to critical time
Thematic area	:	Information Communication Technology
Farmers Practices (FP)	:	Farmers receiving no mobile agricultural message
Name of Technology	:	Vice-Mobile Service
Source of Technology	:	JNKVV, 2007
Demonstrated (RP)	:	Farmers receiving voice messages through mobile (KMAS)
No. of message sent	:	41 message sent- 30,000 voice message
No. of vice KMA users	:	1000

10. List of Projects to be implemented by funding from other sources (other than KVK fund)

Sl. No.	Name of the Project	Source	Amount to be received (Rs. in lakh)
1.	Training	ATMA, Sitamarhi	50,000.00
2.	Exposure	District Horticulture Office, Sitamarhi	2,00,000.00
3.	Demonstration	ATMA, Sitamarhi	50,000.00
4.	Short term research	ATMA, Sitamarhi	50,000.00
5.	Farmers Scientist Interaction	ATMA, Sitamarhi	50,000.00
6.	Skill development programme	BAMETI, Patna	24,00,000.00
7.	Spawn production unit	District Collector Office, Sitamarhi	60,00,000.00
8.	Swachhta Campaign	GSDS	5,00,000.00

11. No. of success stories proposed to be developed with their tentative titles : 02

12. Scientific Advisory Committee

Date of SAC meeting held during 2021	Proposed date during 2021-2022
30.01.2021	19.01.2022

13. Soil and water testing

Details	No. of Samples	No. of Farmers									No. of Villages	No. of SHC distributed
		SC		ST		Other		Total				
		M	F	M	F	M	F	M	F	T		
Soil Samples	1500	30	20	-	-	1300	150	1330	170	1500	100	1500
Water Samples	-	-	-	-	-	-	-	-	-	-	-	-
Other (Please specify)	-	-	-	-	-	-	-	-	-	-	-	-
Total	1500	30	20	-	-	1300	150	1330	170	1500	100	1500

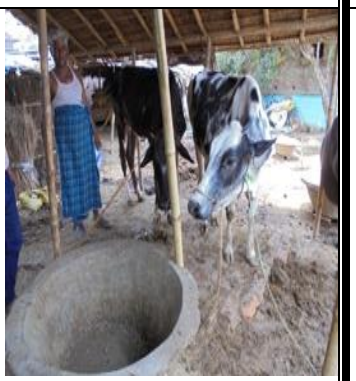
14. Fund requirement and expenditure (Rs.)*

Head	Expenditure (last year)	Expected fund
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	(Rs.) up to 31.03.2020	requirement (Rs.)
<u>Recurring items</u>		
1. PAY & ALLOWANCE	80,00,000.00	
a) Arrear	50,46,000.00	
2. TRAVELLING ALLOWANCE	5,695.00	
3. HRD		
3. CONTINGENCIES	9,71,243.00	
Stationary, Telephone, Postage & other expenditure on office running.		
b) POLs, repair of vehicle, tractor & Equipment		
c) Vocational Training, training of rural youth	3,20,733.00	
(I) Meals, refreshment for trainees, Farmers Training	-	
(ii) Training Material	-	
(iii) Training of Extension Functionaries	-	
d) Front line demonstration Accept oil seeds & pulses.	1,67,000.00	
e) On farm testing	70,000.00	
f) Training of extension functionaries	-	
g) Library Maintenance of building	-	
h) Revolving Fund	-	
i) Soil & Water Testing lab, Contig.	-	
J) Maintenance of Building	95,712.00	
k) Sc/Sp contingencies	-	
k) Extension Activities / Exhibition, Kisan Mela Etc.	29,607.00	
4. MAINTENANCE OF BUILDING	-	
5. TRIBAL SUB PLAN	-	
TOTAL (A)	1,47,05,990.00	
<u>Non Recurring Item</u>		
i) Tractor	-	
ii) Micro irrigation	-	
(iii) Renovation work	-	
(iv) furniture	-	
TOTAL (B)	-	
GRANT TOTAL (A+B)	1,47,05,990.00	

15. Every KVK should bring a brief write-up supported by quality photographs about the technology having wide acceptability among the farming community of the district with factual data

Sl. No.	Name of the Technology	Brief Details of Technology (3-5 bullet points)	Net Return to the farmer (Rs.) per annum due to the technology	No. of farmers adopted the technology in the district	One high resolution 'Photo' in 'jpg' format for each technology
1.	Application of Acetamipid to control leaf curl in Tomato	i) Infestation of leaf curl in Tomato was found only 5-10% ii) Production was observed ave. 425q/ha iii) B.C ratio 3.05	Rs. 1,25,500/ha/annum	Approx 6,000 farmers	
2.	Application of Boron in Cauliflower	i) Pod column was found attractive ii) Price of Cauliflower 2 times more iii) B.C ratio-1.62	Rs. 75,000/ha/annum	Approx 3,000 farmers	
3.	Application of staking system in Tomato	i) No. of fruits was found two times more than traditional method ii) Quality of fruit was found better iii) Market rate of Tomato was found 2 times	Rs. 1,32,300/ha/annum	Approx 2000 farmers	
4.	Popularization of Oyster Mushroom cultivation	i) Additional source of income ii) Improvement of Health Status iii) Good employment opportunities among women	Rs. 60,000/ha/annum	Approx 2000 farmers	
5.	Cultivation of bacterial wilt resistant varieties of Brinjal- Var. Swarn Shakti	i) Only 15% wilt infestation was found in Swarn Shakti ii) 65q/ha yield increased average farmers production iii) B.C ratio- 2.95	Rs. 65,500/ha/annum	Approx 5,000 farmers	

6.	Uses of concentrate mineral mixture & Vitamin supplement for increasing the body weight in goat.	i) 4 kg body weight increased by using of selected technologies in compare with farmers practices. ii) B.C ratio 2.81 found in selected technologies. iii) Healthy progeny produced by using this technologies.	Rs. 16,000/annum @ 10 goat	1100 (approx.)	
7.	Application of Amoxycillin + sulbactam @ of 3 gm I/M for 3 days + use of Mastilep gel for controlling mastitis in milch Cow	i) By using this technology 100% control of mastitis observed in farmers practices only 30% result observed. ii) 630 liter milk production increased over farmer practice during lactation period each Cow.	Rs. 20,160/annum/ Milch Cow	2200 (approx.)	
8.	Application of Iron bolus (Feritas) in milch Buffalo	i) Enhance the nutrient level in body of milch Cattle. ii) 16.75% milk production increased over farmers practices iii) 280 liter milk production increased in each Buffalo	Rs. 8,960/cattle/annum	4300 (approx.)	
9.	Use of 35 gm Mineral mixture and vitamin supplement in Buffalo for enhancing milk production.	i) By using this technology 3.5 lit./day milk production increased and reproductive performance enhanced. ii) 30% conception rate increased in selected technology over the farmers practices	Rs. 25,725/cattle/ lactation	5000 (approx.)	
11.	Application of Anti stress @ 10 ml/100 bird.	i) 12% body weight gain in boiler poultry with compare to local check. ii) Mortality and morbidity rate decreased. iii) 7830 Rs. Income increased over farmer practices with capacity of 5000 boiler poultry.	Rs. 46,980/farmer/ annum with 5000 bird capacity	300 (approx.)	

12.	Application of lime@ 200kg / ha. in fish pond for enhancing fish productivity.	i)Application of lime in fish pond @ 200kg/ha if water pH is 7. ii)It improve water pH & increase alkalinity. iii)Control fish parasites & diseases. iv)It reduces turbidity in this reason increase fish production. v)Production were 19 qt./ha in demonstration pond and 11.55 qt/ha in check	Rs. 82,960/ha/annum	150 (approx.)	
13.	Cultivation of variety HD-2967 in timely sown condition	i)No. of tillers/m2 at harvesting stage was obtained in HD- 2967 variety (285) compare to farmers practices UP-262 variety (208) ii)8 q/ha increasing over the farmers practise iii)B.C ratio was 2.40 of HD- 2967 variety	Rs. 40,000/ha	50,000 (approx.)	
14.	Cultivation of wheat variety HI- 1563 by Zero tillage method.	i)Under line sowing method of establishment we get more productivity per ha. Of Wheat while farm zero tillage technique we get more profitability due to low cost of cultivation in comparison to line sowing method. ii)B.C ratio was 2.44 in zero tillage and B.C ratio was highest in Hi-1563 (2.48)	Rs. 33,700/ha	20000 (approx.)	
15.	Cultivation of variety Swarna Sub -1 of paddy under sub merge condition.	i)No. of tillers/m2 at harvest was manimum in Swarna Sub-1 (550) compare to farmers practice Katma variety (250) ii)Rs. 31200/ha net return increasing over the farmer practices iii)B.C ratio was 2.33 of Swarna Sub-1	Rs. 32,670/ha/annum	30000 (approx.)	
16.	Application of Pendimethalin + Imazethapyr herbicide for weed management in lentil	i)No. of weed at maturity was found 10 in pendimethalin 1 lit/ha + Imazathapyr 40 gm/ha compare to farmer practices no weed (42) ii)Rs. 11770/ha net return increasing over the farmer practices iii)B.C ratio was 2.11 of Pendimethalin + Imazethapyr	Rs. 26,5 20/ha/annum	2000 (approx.)	