ACTION PLAN, 2020

1. Name of the KVK:

Address	Telephone		E mail
Rathindra Krishi Vigyan Kendra Palli Siksha Bhavana (Institute of Agriculture), Visva-Bharati, Sriniketan, Dist- **Birbhum,** Pin- 731236, West Bengal	03463-264771		rathindrakvk@gmail.com rathindrakvk@rediffmail.com

2.Name of host organization :

Address	Telephone		E mail
	Office	FAX	
Visva-Bharati, Santiniketan, Dist- Birbhum, Pin- 731235, West Bengal	03463-262751 to 262756	03463-262672	Vice-Chancellor:vice-chancellor@visva-bharati.ac.in Registrar: registrar@visva-bharati.ac.in Principal, PSB (Institute of Agriculture): **debasis_us@yahoo.com**

3. Training Programmes to be organized (January 2020 to December 2020)

(a). Farmers / Farm Women:

Thematic Area	Title of the Programme	Venue On/Off	No.	Duration	Tentative Date	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
IPM	IPM in Summer Vegetable	Off	01	03	January, 2020	10	00	20	00	20	00	50	00	50
Disease Management	Identification and improvement of lower conception rate of bovine	ON	01	02	-do-	09	00	12	00	09	00	30	00	30
Composite Fish Culture and Fish Disease	Prevention and Control Method of Various Fish Diseases	ON	01	03	-do-	08	00	15	00	07	00	30	00	30
Management of FPOs and SHGs	Development of Marketing Channel for FPOs and SHGs Products	Off	01	02	-do-	14	00	20	00	16	00	50	00	50
Seed Production	Seed Production Technologies of Black Gram and Green Gram in Summer Season	ON	01	04	February, 2020	08	00	05	00	17	00	30	00	30

IPM	Pest, Disease Management on Summer Pulses, Oil Seeds and major Fruit Crops	Off	01	03	-do-	10	00	20	00	20	00	50	00	50
Integrated Farming	Role of Animal Husbandry in Integrated Fish Farming	On	01	04	-do-	08	00	12	00	10	00	30	00	30
Sheep Farming	Improvement of Sheep Husbandry	ON	01	02	-do-	09	00	12	00	00	09	21	09	30
Entrepreneurship Development	Development Of Farmers Club As Business Facilitators (BF)	ON	01	02	-do-	08	00	12	00	10	00	30	00	30
Feed Management	Low cost feed preparation for poultry	ON	01	02	-do-	09	00	12	00	09	00	30	00	30
Group Dynamics	Concept, Formation and Functioning of Joint Liability Group	ON	01	03	April 2020	08	02	12	04	04	00	24	06	30
Disease Management	Identification and control of diseases in poultry and their prophylactic measures with special reference to Bird flu	On	01	02	-do-	09	00	00	12	09	00	18	12	30
Crop Diversification	Specific Agro technology for cultivation of Ekangi (*K. galanga*) in rainfed monocropped situation	ON	01	04	May, 2020	09	00	04	00	17	00	30	00	30
Soil Health and Fertility Management	Collection of Soil Sample and Preparation of Soil Sample for Soil Testing and Interpretation	Off	01	04	-do-	11	00	06	00	33	00	50	00	50
IPM	Different Components of IPM, IDM and IWM	ON	01	03	-do-	08	00	12	00	10	00	30	00	30
Disease Management	Reduction of Treatment Cost of animals by Use of Indigenous Technology and Knowledge (ITK)	ON	01	02	-do-	09	00	15	00	06	00	30	00	30
Market led Extension	Formation of Farmers Producers Organization (FPO)	ON	01	02	-do-	08	00	12	00	10	00	30	00	30

Institutional Credit Supply	Mechanism and Use of Kisan Credit Card (KCC)	Off	01	03	-do-	11	00	20	00	19	00	50	00	50
Resource Conservation Technology	Direct seeding technologies of rice	ON	01	04	June, 2020	10	00	05	00	15	00	30	00	30
IPM	Integrated Pest, Disease and Weed Management in *Kharif* Paddy (Phase – I)	ON	01	03	-do-	07	00	15	00	08	00	30	00	30
Disease management	Identification and control of diseases in Dairy Animal with their prophylactic measures	ON	01	04	-do-	09	00	15	00	06	00	30	00	30
Group Dynamics (Farmers' Organization)	Formation of Farmers' Club	Off	01	02	-do-	12	00	20	00	18	00	50	00	50
Group Dynamics (Farmers' Organization)	Formation of Farmers' Interest Groups	Off	01	02	-do-	12	00	20	00	18	00	50	00	50
Soil Health Management	Green manuring with *Dhiancha* and *Azolla* in Kharif Paddy	ON	01	04	July, 2020	09	00	06	00	15	00	30	00	30
Seed Production	Participatory Paddy Seed Production Technologies in Kharif (Phase – I)	ON	01	03	-do-	09	00	06	00	15	00	30	00	30
Cultivation of Vegetables	Improved Package and Practices of Kharif Seasonal Vegetables	ON	01	02	-do-	00	00	30	00	00	00	30	00	30
IPM	Integrated Pest, Disease and Weed Management In *Kharif* Paddy (Phase – II)	ON	01	03	-do-	08	00	12	00	10	00	30	00	30
Women and child care	Nutritional Requirement of Pre-School Children	Off	01	01	-do-	00	20	00	20	00	10	00	50	50
Dairy Management	Establish, Maintenance and Management of Small Scale Dairy Unit	ON	01	04	-do-	05	00	10	00	10	00	25	00	25
Management in Farm Animal	Back Yard Farming Improvement with Utilization of Natural Resources	ON	01	02	-do-	08	00	12	00	10	00	30	00	30

Insurance	Evolution of Crop Insurance (CI) and Pradhan Mantri Fasal Bima Yojona (PMFBY)	ON	01	02	-do-	10	00	12	00	08	00	30	00	30
Soil Health and Fertility Management	Nutrient Management in Rice according to Soil Health Card	ON	01	04	August, 2020	08	00	06	00	16	00	30	00	30
IPM	Pest and Disease Management in Early *Rabi* Vegetables	Off	01	03	-do-	10	00	20	00	20	00	50	00	50
Rabbit Farming	Quail Farming-Alternate Livelihood Programme	ON	01	01	-do-	09	00	12	00	00	09	21	09	30
Disaster Management	Disaster Management with Special Reference to Agriculture and Related Sectors	ON	01	03	-do-	10	00	12	00	08	00	30	00	30
Market led Extension	Marketing Information and Market Linkage of Vegetable Farmers	ON	01	03	-do-	10	00	12	00	08	00	30	00	30
Seed Production	Participatory Paddy Seed Production Technologies in Kharif (Phase – II)	ON	01	03	September, 2020	09	00	06	00	15	00	30	00	30
Management of Problematic Soil	Acid Soil Management in Rabi Seasonal Vegetables	ON	01	02	-do-	00	00	30	00	00	00	30	00	30
IPM	Pest, Disease Management on Rabi Seasonal Oil Seeds and Pulses	Off	01	03	-do-	10	00	20	00	20	00	50	00	50
Duck Farming	Duck rearing and Its Management both for Meet and Egg Purpose	Off	01	02	-do-	00	14	00	20	00	16	50	00	50
Hatchery Management and Culture of Fresh Water Prawn	Fresh Water Giant Prawn Culture with Indian Major Carps (IMC) and Exotic Carps	ON	01	05	-do-	09	00	12	00	09	00	30	00	30
Composite Fish Culture and Fish Disease	Improved Disease Management Practices in Fresh Water Aquaculture	ON	01	03	-do-	07	00	15	00	08	00	30	00	30

Market Led Extension	Marketing Information and Market Linkage of Pulse and Oilseed Farmers	ON	01	03	-do-	10	00	12	00	08	00	30	00	30
IPM	IPM on Solanaceous Crops	ON	01	03	October, 2020	08	00	12	00	10	00	30	00	30
Goat Farming	Scientific Black Bengal Goat Rearing	Off	01	02	-do-	14	00	00	20	00	16	14	**36**	50
Integrated Farming System	Contribution of different suitable components for successful IFS	ON	01	04	-do-	08	00	12	00	10	00	30	00	30
Poultry	Scientific rearing practice of poultry with special reference to Asil, Kadaknath & Quail	ON	01	02	-do-	08	00	00	12	10	00	18	12	30
Household Food Security	Nutrition Gardening	ON	01	02	-do-	00	05	00	25	00	00	00	30	30
Income Generation activities for empowerment of rural women	Training on Batik Work	ON	01	07	-do-	00	08	00	00	00	12	00	20	20
WTO and TRIPS Related Issues	Protection of Plant Varieties and Farmers' Rights Act (PPV & FRA) -2001	Off	01	02	-do-	12	00	20	00	18	00	50	00	50
IPM	IPM on Wheat, Sugarcane and High Value Vegetables like Broccoli, Capsicum etc.	Off	01	03	November, 2020	10	00	20	00	20	00	50	00	50
Women and child care	Nutritional Requirement of Pre-School Children	Off	01	01	-do-	00	20	00	20	00	10	00	50	50
Awareness Generation on Nutrition	Design of Low Cost, High Nutritious Diet for Vulnerable Group	Off	01	01	-do-	00	15	00	20	00	15	00	50	50
Piggery Management	Scientific Piggery Management with special reference to *Ghungroo* Breed	Off	01	02	-do-	15	00	00	30	05	00	20	30	50
Carp Fry and Fingerling Rearing	Scientific Method of Carp Fry and Fingerling Rearing	ON	01	04	-do-	06	00	11	00	13	00	30	00	30
Fish feed preparation and application	Preparation of Balanced Fish Feed from Low Cost Ingredients	ON	01	04	-do-	05	00	12	00	13	00	30	00	30

Feed Management	Quality Fodder Cultivation	ON	01	01	December, 2020	09	00	12	00	09	00	30	00	30
Production of Bio-Pesticides and Seed Treatment of Various Crops	Identification of Different Bio Pesticides and Seed Borne Diseases and their Treatments	ON	01	03	-do-	08	00	12	00	10	00	30	00	30
Group Dynamics (Micro Finance)	Formation of Farmers' Producers' Organizations (FPOs) based on successful and functional Self Help Groups (SHGs)	Off	01	03	-do-	15	00	20	00	15	00	50	00	50
Insurance	Concept, Functioning and Use of Pradhan Mantri Fasal Bima Yojona (PMFBY)	ON	01	02	-do-	10	00	12	00	08	00	30	00	30
Income generation through Animal Science	Ornamental bird rearing	ON	01	2	-do-	10	00	12	00	08	00	30	00	30

(b) Rural Youths

Thematic Area	Title of the Programme	Venue (On/ Off)	No.	Duration	Tentative date	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Dairying	Improvement of Dairy Farming	ON	01	30	September, 2020	06	00	09	00	06	00	21	00	21
Bee Keeping	Small scale Bee keeping practices for income generation	ON	01	15	October	08	00	06	00	11	00	25	00	25
Production of Organic Inputs	Preparation and use of Organic Inputs	ON	01	21	November, 2020	06	00	04	00	15	00	25	00	25
Mushroom Production	Mushroom Cultivation	ON	01	15	December, 2020	05	00	10	00	10	00	25	00	25

(c). Extension Functionaries

Thematic Area	Title of the Programme	Venue (On/ Off)	No.	Duration	Tentative Date	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Management of Farm Animals	Genetic Resource Conservation of Domestic Animals and Poultry	ON	01	01	February, 2020	05	00	10	00	10	00	25	00	25
Crop Diversification	Increasing farmers' income through Pulse Cultivation	ON	01	01	August	04	00	04	00	17	00	25	00	25
Integrated Pest Management (IPM)	IPM in Major Field Crops – An Idea	ON	01	01	August, 2020	05	00	10	00	10	00	25	00	25
Management of Farm Animals	Refreshment Training for "Pranibandhus" and "Pranimitras"	ON	01	01	-do-	09	00	12	00	09	00	30	00	30
Productivity Enhancement in Field Crops.	Acid Soil Management to boost up crop productivity	ON	01	01	November 2020	04	00	04	00	17	00	25	00	25

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

Farmers and Farm women

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
I. Crop Production													
Weed Management													
Resource Conservation Technologies	1	15	0	15	10	0	10	5	0	5	30	0	30
Cropping Systems													
Crop Diversification	1	17	0	17	9	0	9	4	0	4	30	0	30
Integrated Farming													
Water management													
Seed production	3	47	0	47	26	0	26	17	0	17	90	0	90
Nursery management													
Integrated Crop Management													
Fodder production													
Production of organic inputs													
Others, (cultivation of crops)													
TOTAL													
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management													
Water management													
Enterprise development													
Skill development													
Yield increment													
Production of low volume and high value crops													
Off-season vegetables													
Nursery raising													
Exotic vegetables like Broccoli													
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)													
Cultivation of Vegetable	1	00	00	00	00	00	00	30	00	30	30	0	30
TOTAL													
b) Fruits													
Training and Pruning													
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others, if any(INM)													
TOTAL													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others, if any													
TOTAL													

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
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													
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													
Soil and Water Conservation													
Integrated Nutrient Management	1	16	0	16	8	0	8	6	0	6	30	0	30
Production and use of organic inputs	1	15	0	15	9	0	9	6	0	6	30	0	30
Management of Problematic soils	1	00	00	00	00	00	00	30	00	30	30	00	30
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing	1	33	0	33	11	0	11	6	0	6	50	0	50
Others, if any													
TOTAL													
IV. Livestock Production and Management													
Dairy Management	1	10	0	10	5	0	5	10	0	10	25	0	25
Poultry Management	1	10	0	10	8	0	8	00	12	12	18	12	30
Piggery Management	1	5	00	5	15	00	15	00	30	30	20	30	50
Rabbit Management	1	00	09	09	9	0	9	12	0	12	21	09	30
Disease Management	4	30	0	30	36	0	36	32	0	32	98	00	98
Feed management	2	18	00	18	18	00	18	24	00	24	60	00	60
Production of quality animal products													
Goat farming	1	00	16	16	14	00	14	00	20	20	14	36	50
Integrated farming system	1	10	0	10	8	0	8	12	0	12	30	0	30
Quail farming													
Sheep farming	1	0	9	9	9	0	9	12	0	12	21	09	30
Duck farming	1	00	16	16	00	14	14	00	20	20	00	50	50
Management in farm animal & others	2	18	00	18	18	00	18	24	00	24	60	00	60
TOTAL													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	1	00	00	00	00	05	05	00	25	25	00	30	30

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
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Enterprise development													
Value addition													
Income generation activities for empowerment of rural Women	1	00	12	12	00	08	08	00	00	00	00	20	20
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building													
Women and child care	2	00	20	20	00	40	40	00	40	40	00	100	100
Awareness generation on nutrition	1	00	15	15	00	15	15	00	20	20	00	50	50
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	4	58	0	58	35	0	35	67	0	67	160	0	160
Integrated Disease Management	4	70	0	70	38	0	38	72	0	72	180	00	180
Bio-control of pests and diseases													
Production of bio control agents and bio pesticides	1	10	00	10	08	00	08	12	00	12	30	00	30
Others, if any	1	10	0	10	8	0	8	12	0	12	30	0	30
TOTAL													
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing	1	13	00	13	06	00	06	11	00	11	30	00	30
Composite fish culture & fish disease	2	15	0	15	15	0	15	30	0	30	60	0	60
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond	1	13	00	13	05	00	05	12	00	12	30	00	30
Hatchery management and culture of freshwater prawn	1	9	00	9	9	00	9	12	00	12	30	00	30
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													

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
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others, if any													
TOTAL													
IX. Production of Inputs at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
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													
Others, if any													
TOTAL													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics	4	55	00	55	47	02	49	72	04	76	174	6	180
Formation and Management of SHGs	1	16	0	16	14	0	14	20	0	20	50	0	50
Mobilization of social capital													
Entrepreneurial development of farmers/youths	1	10	0	10	8	0	8	12	0	12	30	0	30
WTO and IPR issues	1	18	0	18	12	00	12	20	00	20	50	00	50
Market led extension	3	26	0	26	28	00	28	36	00	36	90	00	90
Disaster Management	1	8	0	8	10	0	10	12	0	12	30	0	30
Insurance	2	16	00	16	20	00	20	24	00	24	60	00	60
Institutional Credit Supply	01	19	0	19	11	0	11	20	0	20	50	0	50
TOTAL													
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems	1	10	00	10	8	0	8	12	0	12	30	00	30
TOTAL													
XII. Others (Pl. Specify)													
TOTAL	61	620	97	717	495	84	579	686	171	857	1801	352	2153

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	1	10	00	10	05	00	05	10	00	10	25	00	25
Bee-keeping	1	11	00	11	08	00	08	06	00	06	25	00	25
Integrated farming													
Seed production													
Production of organic inputs	1	15	00	15	06	00	06	04	00	04	25	00	25
Planting material production													

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
Vermi-culture													
Sericulture													
Protected cultivation of vegetable crops													
Commercial fruit production													
Repair and maintenance of farm machinery and implements													
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Value addition													
Production of quality animal products													
Dairying	1	06	00	06	06	00	06	09	00	09	21	00	21
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
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 (Carp breeding and Hatchery management)													
TOTAL	4	42	00	42	25	00	25	29	00	29	96	00	96

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	1	17	00	17	04	00	04	04	00	04	25	00	25
Integrated Pest Management	1	10	00	10	05	00	05	10	00	10	25	00	25
Integrated Nutrient management													
Rejuvenation of old orchards													
Value addition													
Protected cultivation technology													
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	2	19	00	19	14	00	14	22	00	22	55	00	55

Livestock feed and fodder production													
Household food security													
Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs													
Gender mainstreaming through SHGs													
Crop intensification													
Crop diversification	1	17	00	17	04	00	04	04	00	04	25	00	25
TOTAL	5	63	00	63	27	00	27	40	00	40	130	00	130

3. Frontline demonstration to be conducted

FLD-1:

Crop: Green Manuring with Azolla

Thrust Area: Soil Management, **Thematic Area**: Soil health and fertility management

Season: Pre-kharif, 2020

Farming Situation: Medium to low land with sandy loam soil

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								
								SC		ST		Other		Total		
					Name of Inputs	Demo	Local	M	F	M	F	M	F	M	F	T
1	Azolla in Kharif paddy	20 ha	Green manuring in kharif paddy	Growth, yield and economics of kharif paddy cultivation, Soil O.C status	Azolla Culture	30000	-	40	0	10	0	25	0	75	0	75

FLD-2:

Crop: Ekangi (*Kaempheria galanga*)

Thrust Area: Crop Diversification, **Thematic Area**: Cultivation Medicinal Plants

Season: Pre-kharif, 2020

Farming Situation: Medium to Up land with sandy loam soil, monocropped area

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								
								SC		ST		Other		Total		
					Name of Inputs	Demo	Local	M	F	M	F	M	F	M	F	T
2	Ekangi	0.26 ha	Improved planting material with cultivation methods	Growth, yield and economics of Ekangi cultivation	Rhizomes of Ekangi	20000	-	10	0	5	0	5	0	20	0	20

FLD-3:

Crop: Kharif Rice
Thrust Area: Production Technology, **Thematic Area**: Weed Management
Season: Kharif, 2020
Farming Situation: Medium to Low land with sandy loam soil

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
3	Paddy	20 ha	Metsulfuron-methyl +chlorimuron-ethyl @ 4 g a.i /ha at 7-12 DAT	Growth, yield and economics of Kharif paddy cultivation	Herbicide	15000	30000	30	0	10	0	20	0	60	0	60

FLD-4:

Crop: Elephant Foot Yam
Thrust Area: Crop Diversification, **Thematic Area**: Varietal replacement
Season: Kharif, 2020
Farming Situation: Medium to up land with sandy loam soil, monocropped area

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
4	Elephant Foot Yam	0.14 ha	Improved variety Bidhan Kusum	Corn size, yield and economics	Corn of EFY	25000	10000	10	0	5	0	5	0	20	0	20

FLD-5:

Crop: Drum Stick
Thrust Area: Crop Diversification, **Thematic Area**: Varietal replacement
Season: Kharif, 2020
Farming Situation: up land with sandy loam soil

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
5	Drum Stick (Baromasia)	2000 plants	PKM-1 variety	Growth, yield and economics	Seeds of drumstick	12000	6000	30	0	10	0	20	0	60	0	60

FLD-6:

Crop: Green Fodder
Thrust Area: Animal health, **Thematic Area**: Feed Management
Season: Kharif, 2020
Farming Situation: - Rainfed upland-medium land

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
6	Maize	3.0 ha	Improved Var, J 1106	Yield, economics	Seed	Collaborative	-	10	0	5	0	5	0	20	0	20
	Rice bean	1.0 ha	Bidhan-2	Yield, economics	Seed	-do-	-	10	0	5	0	5	0	20	0	20
	Oat (Rabi)	1.0 ha	Kent	Yield, economics	Seed	5000.00	-	5	0	5	0	5	0	15	0	15

FLD-7:

Enterprise: Goat
Thrust Area: Improved Live Stock Production, **Thematic Area**: Nutrient Management
Season: Post Kharif, 2020
Farming Situation: Semi Intensive system

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								
								SC		ST		Other		Total		
					Name of Inputs	Demo	Local	M	F	M	F	M	F	M	F	T
7	Goat	10 unit	Calcium Supplementation in Black Bengal Does after kidding	FCR, Mortality and economics	Calcium fortified vitamin	8000	-	8	2	0	0	0	0	10	0	10

FLD-8:

Enterprise: Poultry
Thrust Area: Improved Live Stock Production
Thematic Area: Diversification in live stock production
Season: Post Kharif, 2020
Farming Situation: Deep Litter System

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								
								SC		ST		Other		Total		
					Name of Inputs	Demo	Local	M	F	M	F	M	F	M	F	T
8	Aseel	30 unit (20 no. of birds per unit)	Introduction of Asil	Growth, Body weight and economics	Aseel	30000	-	18	12	0	0	0	0	18	12	30

FLD-9:

Enterprise: Sheep
Thrust Area: Improved Live Stock Production, **Thematic Area**: Disease Management
Season: Post Kharif, 2020
Farming Situation: Semi Intensive system

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								
								SC		ST		Other		Total		
					Name of Inputs	Demo	Local	M	F	M	F	M	F	M	F	T
9	Lamb (8 month old)	10 unit	Doramectin @ 200 mg/ kg body weight SC at 2 months interval	Lamb body weight, Oestrous, EPG	Doramectin	8000	-	4	2	2	0	2	0	8	2	10

FLD-10:

Crop: Backyard Nutrition Garden
Thrust Area: Women empowerment, **Thematic Area**: Nutrition Management
Season: Rabi, 2020
Farming Situation: Irrigated medium land situation

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								
								SC		ST		Other		Total		
					Name of Inputs	Demo	Local	M	F	M	F	M	F	M	F	T
10	Backyard Nutrition Garden	0.2 ha	Improved high yielding varieties of rabi vegetables	Yield and economics	Seeds of vegetables	15000	5000	15	0	5	0	10	0	30	0	30

FLD-11:

Crop: Fodder + Pulses intercropping
Thrust Area: Production Technology, **Thematic Area**: Cropping System
Season: Rabi, 2020
Farming Situation: Irrigated medium land situation

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
11	Oat var kent + Lentil var. WBL-77	2 ha	Fodder (Oat) + Pulse (Lentil) 1:1 intercropping	Yield and economics	Seeds of vegetables	15000	5000	8	0	3	0	4	0	15	0	15

FLD-12:

Crop: Participatory video making
Thrust Area: Empowerment of marginalize section, **Thematic Area**: Group dynamics
Season: Rabi, 2020
Farming Situation: -Intensive cropping system

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
12	Participatory video making	10 no.	Participatory video making on management of seed production units of cereals and pulses	-	Video making	3000.00	-	5	0	3	0	2	0	10	0	10

NOTE: CFLD on Pulses and Oilseeds will be conducted as per allotment from ICAR-ATARI, Kolkata

Extension and Training activities under FLD:

Activity	Title of the activity	Venue (On/Off)	No.	Duration	Clientele	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Training	Layout and Planting of Elephant's Foot Yam including Management of Crop Field.	ON	01	01	PF	07	00	03	00	15	00	25	00	25
Training	Fodder Cultivation	ON	01	01	PF	03	00	06	00	06	00	15	00	15
Training	Establishment of Back Yard Nutrition Garden	ON	01	01	PF	00	05	00	20	00	05	00	30	30
Training	Cultivation of Barmasia Drumstick Var. PKM – 1	ON	01	01	PF	12	00	08	00	20	00	40	00	40
Training	Scientific Dairy Management with Especial Reference to Nutritional Aspects	ON	01	02	PF	03	00	04	00	03	00	10	00	10
Training	Formation of Self Help Groups for Accumulation of Social Capital and Increasing the Family Income	ON	01	01	PF	12	08	20	10	07	03	39	21	60

Training	Low Cost Concentrate Preparation	ON	01	02	PF	03	00	06	00	06	00	15	00	15
Training	Techniques of rearing Asil	ON	01	01	PF	08	00	12	00	10	00	30	00	30
Training	Land Preparation and Sowing of Wheat	ON	01	04	PF	08	00	03	00	14	00	25	00	25
Training	Production Practices of different Improved Green Fodder Crops	ON	01	01	PF	04	00	04	00	12	00	20	00	20
Training	Techniques of Sheep rearing	ON	01	04	PF	03	00	05	00	02	00	10	00	10
Total			11											280

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.)
Paddy	Rani Dhan, IET-4786, MTU-1010	July-November,20	2.5 ha	Seed	80 q	15000.00	36000.00	21000.00
Blackgram	WBU-109	August-October,20	0.33 ha	Seed	3 q	8000.00	30000.00	22000.00
Greengram	IPM-02-3	February-May,21	0.33 ha	Seed	3 q	8000.00	30000.00	22000.00
Lentil	WBL-77	October,20-January, 21	0.33 ha	Seed	2.5 q	9000.00	30000.00	21000.00
Mustard	B-9, JD-6	October,20-January,21	0.5 ha	Seed	4 q	10000.00	40000.00	30000.00
Sesame	Sabitri	February,21-May,21	0.5 ha	Seed	4 q	10000.00	40000.00	30000.00
Ekangi	K.*galanga*	May 20-January, 21	0.02 ha	Rhizome	2.5 q	5000.00	25000.00	20000.00
Azolla	A. p*innata*	May-August,20	-	Azolla culture	5.0 q	5000.00	25000.00	20000.00
Elephant Foot Yam	Bidhan Kusum	May,20-January,21	0.027 ha	Corm	1.5 q	5000.00	15000.00	10000.00
Vermicompost	-	May,20-March,21	-	Organic inputs	15 q	5000.00	15000.00	10000.00
Earth worms	-	May,20-March,21	-	Bio agents	5000	500.00	2500.00	2000.00
Veg. Seedlings	Brinjal, Tomato, Chilli, capsicum, cabbage, cauliflower, broccoli etc	September,20-March,21	-	Seedlings	20000	20000.00	80000.00	60000.00

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	MTU-7029, IR – 36, IET – 4786, GB – 1, MTU – 1010	July-December,20	48 ha	60	Seed	240.00	3,36,000.00	7,20,000.00	3,84,000.00
Black Gram	WBU – 109, PU - 31WBU – 108	August-November,20	29 ha	70	Seed	318.00	1,45,000.00	25,44,000.00	23,99,000.00
Sesame	Sabitri	February-May,21	41 ha	100	Seed	410.00	2,50,000.00	32,80,000.00	30,30,000.00
Green Gram	Samrat, Panna, IPM-02-3	February-May,21	25 ha	60	Seed	266.00	1,75,000.00	19,53,000.00	21,28,000.00

5. Extension Activities

Nature of Extension Activity	No. of activities	Farmers				Extension Officials			Total		
		M	F	T	SC/ ST (% of total)	Male	Female	Total	Male	Female	Total
Field Day	19	480	180	660	52	50	21	71	530	201	731
KisanMela	01	180	145	325	58	15	03	18	195	148	343
KisanGhosthi											
Exhibition											
Film Show	01	105	25	130	51	05	02	07	110	27	137
Method Demonstrations											
Farmers Seminar											
Workshop											
Group meetings											
Lectures delivered as resource persons											
Advisory Services through Kisan Mobile SMS Services	12	5000	2000	7000	50	60	12	72	5060	2012	7072
Scientific visit to farmers field	37	175	110	285	50	50	25	75	225	135	360
Farmers visit to KVK	124	259	159	418	31	106	48	154	365	207	572
Diagnostic visits											
Exposure visits	6	260	105	365	40	10	03	13	270	118	388
Ex-trainees Sammelan											
Soil health Camp											
Animal Health Camp	2	46	38	84	54	8	4	12	54	42	96
Agri mobile clinic											
Soil test campaigns											
Farm Science Club Conveners meet											
Self Help Group Conveners meetings											
Mahila Mandals Conveners meetings											
Celebration of important days (specify) (Soil Health Day)	01	70	34	104	51	04	02	06	74	36	110
Sankalp Se Siddhi											
Swatchta Hi Sewa											
MahilaKisan Divas	01	00	51	51	61	04	02	06	04	53	57
Any Other (Specify) Awareness Camp	01	52	09	61	51	05	02	07	57	11	68
Any Other (Specify)											
Total	**205**	**6627**	**2856**	**9483**		**317**	**124**	**441**	**6944**	**2980**	**9924**

6. Revolving Fund (in Rs. Lakh)

Opening balance of 2020-21 (As on 01.04.2020)	Amount proposed to be invested during 2020-21	Expected Return
3.975	**1.89**	**3.2**

7. Expected fund from other sources and its proposed utilization

Project	Source	Amount to be received (Rs. in lakh)
Farmers Scientists Interaction on Rabi-Summer Crops	ATMA, Birbhum	0.20 Lakh
Farmers Scientists Interaction on Integrated Farming System	ATMA, Birbhum	0.20 Lakh
FLD on Crop Diversification through summer green gram	ATMA, Birbhum	2.00 Lakh
Short Term Research on Partial Liming in Summer pulse	ATMA, Birbhum	0.70 Lakh
Diploma course in Agricultural Extension for Input Dealers	DAESI	8.0 Lakh

8. On-farm trials to be conducted

OFT-I

Season	Summer.2020
Title:	Assessment of liming dose in profitable manners in increasing productivity of Summer Blackgram
Problem diagnosed:	Due to lower soil pH (higher acidity), lower nodulation, less flower and pod formation of Black gram is being noticed. According to farmers' practice, application of lime is not being Performed. So yield of Summer Blackgram is low.
Hypothesis	Application of proper liming materials may increase the nodulation, flower set, yield and net return of the cultivation of Summer Black ram.
Micro farming situation:	Summer Black gram is cultivated in irrigated medium land situation in sandy loam soil with lower pH
Farmers practice	Farmers are now cultivating Summer Black gram with improved variety and recommended fertilizer dose but without any use of liming materials.
Production s stem	Paddy — Mustard/Potato-Blackgram
Thematic area	Soil Health Management
Objective:	To study the effects of different liming doses according to soil pH. for increasing the productivity and income from Summer Black ram cultivation,
Sowing time:	February-March 2020.
Variety to be used:	WBU-109
Details of technology	Farmers' Practice : No liming
	Technology Option - I : Lime as per soil testing
	Technology Option - Il. Lime @ 10% of the Lime requirement as r soil testing
	Technology Option - Ill: Lime@ 20% of the Lime requirement as r soil testing
	(N. B.: - Recommended fertilizer dose will be applied in all the Technology Options including the Farmers' Practice.)
Source of Technology	Managing Acid Soils for enhancing Productivity, P. D. Sharma and A. K. Sarkar (2005), Division of Natural Resource Management (NRM)- Indian Council of Agricultural Research (ICAR). Krishi Anusandhan Bhawan — Il, Pusa, New Delhi and published by the Direct0% ICAR-NBSS&LUP, Nagpur. Mahamsthra.
No. of replication:	05 (05 nose of farmers)
Plot size (each replication/ farmers :	0.13 ha
Total plot size:	0.65 ha
Critical input:	a) KVK share: Liming materials, Seeds, fertilizers, Soil Testing b) Farmers' share: Plant protection chemicals and Labours
Performance/Monitoring indicator:	Soil pH status at initial stage and at harvest of Summer Blackgram crop, Nos. of flowers of Black ram, Yield of Black ram and Net Return from cultivation of Black ram.
Approximate cost shared by KVK for limes. seeds, fertilizer, soil testing etc.	Rs.10,000.00

Season	Post Kharif, 2020
Title	Assessment of insecticide efficiency to control thrips in blackgram
Problem Diagnosed	Flower drop is a common phenomenon in kharif pulse in Birbhum District. Spraying of 'B' is not effective in most of the cases. Proper insecticide is also not tested in the fanner's field. So, yield is low due to low flower set and pod formation.
Hypothesis	Application of proper insecticide may manage the thrips attack and reduce the flower drop and increase the yield & net return
Farmers practice	Generally farmers do not use any insecticide to control thrips.
Micro-farming situation	Summer green gram is cultivated in irrigated medium land (Lateritic Soil). Soil is ready loam in texture having pH 5.8-6.2 in this district.
Production System	Kharif-fallow
Thematic area	Pest Management.
Objective	To study the effect of insecticide application to manage thrips and increase yield of blackgram in post kharif season
Sowing Time	August, 2020
Variety to be used	WBU-109
Details of Technology assessment Source of Technology	Farmers Practice - No insecticide application Technology Option-I- Thiamethoxam 25% WG l gm/lit Technology Option-II- Thiamethoxam 25% WG (l gm/lit) + Lamda cyhalothrin 5% SC (0.5 ml/lit) Technology Option-Ill- Fipronil + acetamiprid a 1.6 ml/lit of water
	Package of Practices for Pulse Cultivation, ICAR-IIPR, Kanpur, Uttar Pradesh, India.
No. of replication	7
Plot Size (each replication /farmers)	0.13 ha
Total Plot Size	0.91 ha
Critical input	a) KVK Share: Seed, insecticide, fertilizer. b) Farmers Share: irrigation labour etc,
Approximate cost shared by KVK for seeds, fertilizer, insecticide etc.	10000.00

Season	Rabi, 2020
Title	Assessment of Micronutrient Boron in quality and production of Broccoli in lateritic soil of Birbhum District
Problem diagnosed	In lateritic acid soil of Birbhum district Boron deficiency is very prominent. Hollow stem of broccoli in very common. Due to hollow stem curd size and yield is reduced. Market price is also reduced.
Hypothesis	Application of Boron may reduce the problem of hollow stem and may increase the curd size and yield of broccoli
Farmers' practice	Farmers cultivate broccoli with recommended fertilizer application without any micronutrient use.
Production Svstem	Paddy-Broccoli/Cauliflower- summer vegetables
Thematic Area	Nutrient Management
Source	M. Islam, M.A.Hoque, M.M.Rreza and S.P.Chakma :Effect of boron on yield and quality of broccoli genotypes. Int. J. Expt. Agric. 5(1):1-7(January 2015)
Objective	To increase the quality and productivity of broccoli and maximize the profit
Details of technology assessment	Farmers' Practice: With Recommended Fertilizer without any micronutrient
	Technology Option I: Recommended Fertilizer with soil application of Boron @ 4 kg/ha as basal application
	Technology Option Il: Recommended Fertilizer with Foliar application of Boron-20 @ 1g/lt water twice at 25 and 45 DAT
Replication	7 nos.
Plot Size (each replication /farmers)	0.03 ha
Total Plot Size	0.23 ha
Critical input	Broccoli seedlings, fertilizer and micronutrient boron
Performance/Monitoring indicator	Curd size, no. of hollow stem per unit area, yield and economics
Total cost of KVK share	Rs. 10,000.00

OFT-4

Season	Winter,2020
Title	Assessment of profitability within components of integrated farming systems under fish based production system in lateritic soil of Birbhum District
Problem diagnosed	Lack of knowledge in integration of components in proper way for maximum profit.
Hypothesis	Integration of components in proper way may increase the farm profitability.
Farmers' practice	In fish based production system farmers cultivate fish only in very traditional way
Production System	Fish Based
Thematic Area	Integrated Farming System
Source	DARE/ICAR Annual Report, 2008-09, pp. 12-14 Fertilizer News, 46 (11), pp. 53-55 and 57–58.
Objective	To integrate the components in proper way and maximize the profit
Details of technology assessment	**Farmers' Practice:** Traditional Fish Farming
	Technology Option - I: Composite Fish Culture + Duck farming + *Azolla* + Pulses
	Technology Option - II: Composite Fish Culture + Duck farming + *Azolla* + Vegetables
Replication	7 nos.
Critical input	Fish finger lings, Ducklings, *Azolla*, Vegetable seeds, Pulse seeds
Performance/Monitoring indicator	Production and Economics of farming systems
Total cost of KVK share	Rs. 90,000.00

OFT-5

Season	Post Kharif, 2020
Title	Evaluation of performance of coloured broiler chicken in semi intensive system Of rearing
Problem Definition	Poor growth and survivability of Broiler Chicken broiler
Hypothesis	Coloured broiler chicken may ensure better production performance, survivability and market acceptability
Thematic Area	Broiler Management
Objective	To comparatively study and assess the performance of the coloured Broiler chicken in semi intensive s 'stem
Micro Farming Situation	Up land farming system
Production S stem	Dee litter farming s "stem.
Farmers' Practice	Farmers are rearing 15 — 20 broiler per Household under semi intensive farming system farming system.
'lime	June, 2019
Variety / Breed to be used	Broiler Poultry
Details of Assessment	Control: Farmers' Practice: Broiler: kuoiler Technology Option — I: Krishibro Technology Option — Il: Caribro
Source of Technology	ICAR-CARI, Project Directorate of poultry, Govt. of India

Numbers of Replications	07 (Seven)
Numbers Of Birds per Replication	90 (30 nos. of birds under each treatment)
Total Numbers of Birds	630
Critical Input	a. KVK Share: Chicks, Medicine, Vaccine b. Fanners' Share: Feed, Medicine
Performance / Monitoring Indicators	Body Weight gain, Feed conversion Ratio, Mortality percentage, economics
Approximate Costs shared by the KVK	Rs 30,000.00 (Rupees Thirty thousand) only.

OFT- 6

Season	Post Kharif, 2020
Title	Evaluation of performance of strategic feed supplementation to cross breed milch cattle
Problem Definition	Poor feeding practices and the low availability of quality feeds in unorganized daily farming by small and marginal farmer.
Hypothesis	Adequate nutrition la s important role in dairy cattle productivity
Thematic area	Nutrition management
Objective	Assess the Performance of strategic feed supplementation to improve the productivity of animal
Farming situation	Upland farming stem
Production s stem	Semi intensive system
Farmer's Practice	Small farmers keep 2-3 crossbreed milch cows under semi-intensive system.
Time	Ma , 2019
Variety [Breed to be used	Crossbreed cow
Details of technology Assessment	Control: Farmer's Practice Technology Option - I: Fanner's Practice + Protein Supplement (MOC 500gm/cow/day) Technology Option - Il: Farmer's Practice + Homemade feed Supplement (1.5 Kg /cow/day)
Sources of Technology	Effect of protein supplementation on milk production and metabolism of dairy cows grazing tropical grass, Me A Danes, Chagas, L. J., Pedroso, A. M. and Santos, F. A, (2013). Effect of protein supplementation on milk production and metabolism of dairy cows grazing tropical grass, J Dairy. Sci.,
Numbers of Replications	7
Number of cows per Replication	3
Total number of cows	21
Critical Input	KKV Share: Feed ingredients, medicine Farmer's Share: Cow
Performance/Monitoring Indicators	Milk yield, Lactation length, Milk fat percentage and SNF
Approximate cost shared by KVK	Rs.40,000.00

OFT – 7

Season	**Rabi, 2020**
Title	**Assessing performance of different group sizes of SHG on annual savings**
Problem Definition	The selection of appropriate group size of Self Help Groups (SHGs) is important for efficient group dynamics as well as group performances. The selection of a suitable size of group members of a SHG is largely influenced by various socio-economic and situational factors which in turn affect the economic performances such as annual savings from the group activities.
Hypothesis	Relatively large groups having more than 15 (Fifteen) numbers of members will have more annual savings as it will enjoy both a higher revenue generation as well as a more favourable economy of scale of business.
Present Situation	Generally in West Bengal situation, the majority of SHGs are having 10 numbers of members.
Prevalent Practice	The Govt. encourages formation of SHGs with 10 to 15 members though the lower ceiling of numbers of members is 10 [Ref: - Memo No.925/W. B. S. R. L. M / Prog / 6P – 176 / 2015, Dated: - 15.09.2015 issued by "Anandadhara", West Bengal State Rural Livelihoods Mission (WBSRLM), Panchayatas and Rural Development Department, Govt. of West Bengal].
Group Formation System	Generally 10 – 20 numbers of persons of a locality or nearby localities can form a Self Help Group.
Thematic Area	Group dynamics
Objective	To assess the extent of annual savings by different SHGs having different number sizes of group members.
Time	2019 – 2020
SHGs to be involved	Various SHGs having a diverse numbers of group members.
Details of Treatments	**Farmers' Option = T_1 =** 10 members (Small Group) **T_2=** 11-15 members (Medium group) **T_3=** >15 members (Large Group)
Source of Technology	Overview of Frontline Extension Tools and Designing OFTs in Extension, R. Roy Burman, ICAR-IARI, New Delhi
Numbers of Replications	10 (Ten)
Numbers of SHGs per Member Size Group	10 (Ten)
Total Numbers of SHGs	30 (Thirty)
Critical Input	a. KVK Share: Assessing the economic performances of SHGs of various member size groups. b. Farmers' Share: Running of SHG activities and maintaining the financial records of the SHGs.
Performance / Monitoring Indicators	• Savings from own contribution of members •Saving from interest of loan to its member and outsider •Income from different economic activities of the group •Revolving fund receive from block •Savings from donation •Other sources of income-Income from lottery, Harvesting of crops, organizing stall in fairs, social festivals etc.
Approximate Costs shared by the KVK	Rs. 5,000.00

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

Sl. No.	Name of the project	Fund expected (Rs.)
1.	Short Term Research on Integrated Farming System from ATMA	4.0 Lakh
2	On Farm Trial on Liming in Rabi Pulses from ATMA	1.0 lakh

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

2 success stories will be developed.

Tentative Title: a) Small scale Goatery entrepreneurship development

b) Small scale Mushroom entrepreneurship development

12. Scientific Advisory Committee

Date of SAC meeting held during 2018-19	Proposed date during 2019-2020
26 th March, 2019	**30th September, 2020**

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	250	50	10	50	10	70	10	170	30	200	20	250
Water Samples	100	30	-	30	-	40	-	100	-	100	10	
Other (Please specify)	-											
Total	350	80	10	80	10	110	10	270	30	300	30	250

ACTION PLAN

(January, 2020 - December, 2020)

Rathindra Krishi Vigyan Kendra
Palli Siksha Bhavana
(Institute of Agriculture)
Visva-Bharati
Sriniketan, P. O. – Sriniketan,
Dist. - Birbhum, West Bengal – 731236

Presented at

Annual Zonal Workshop of KVKs
Zone – V, Indian Council of Agricultural Research (ICAR)-
Agricultural Technology Application Research Institute, Kolkata

Through Video Conferencing

1-2 July, 2020

Contents