

KRISHI VIGYAN KENDRA BARH, PATNA
21th Extension Council Report, 2021
April- 2021 to September, 2021

1. Staff Position (Only S.S & H and S.M.S)

S.No.	Name	Post	Specialization	Date of joining	Mobile No.
1.	Dr. Kumari Sharda	Senior Scientist & Head	Home Science	07.05.2012	7549476543
2.	Dr. Mrinal Verma	SMS,	Agril. Engineering	25.07.2007	9431266300
3.	Dr. Bishnu Deo Singh	SMS	Extension Education	20.12.2007	9430806435
4.	Sri Brajesh Patel	SMS	Plant Protection	15.06.2009	9234535651
5.	Sri Rajeev kumar	SMS	Soil Science	12.04.2012	9835133147

2. A. Achievement of training programme for Farmer (ON/OFF)

S.No.	Discipline	Course no.	No. of Beneficiaries					
			Others		SC/ST		Total	
			M	F	M	F	M	F
i	Home Science	04	54	29	09	02	63	31
ii	Agril. Engineering	10	226	20	22	06	248	26
iii	Extension Edu.	07	47	94	0	79	47	173
iv	Plant protection	06	77	165	43	70	120	235
V	Soil Science	04	37	38	06	0	43	38
	Total	31	441	346	80	157	521	503

B.Training programme for Rural Youth (ON/OFF)

S.No.	Discipline	Course no.	No. of Beneficiaries					
			Others		SC/ST		Total	
			M	F	M	F	M	F
i	Home Science	01	16	21	08	04	24	25
i	Extension Edu.	02	36	13	07	0	43	13
ii	Plant protection	02	30	07	06	0	36	07
	Total	05	82	41	21	04	103	45

C.Training programme for Extension Functionaries (ON/OFF)

S.No.	Discipline	Course no.	No. of Beneficiaries					
			Others		SC/ST		Total	
			M	F	M	F	M	F
i	Agril. Engineering	01	11	0	02	0	13	02
ii	Extension Edu.	02	45	38	0	13	45	51
	Total	03	56	38	02	13	58	53

D. Sponsored training programme (ON/OFF)

S.No.	Discipline	Course no.	No. of Beneficiaries					
			Others		SC/ST		Total	
			M	F	M	F	M	F
i	Agril. Engineering	02	84	0	0	0	84	0
ii	Extension Edu.	01	47	21	07	13	54	34
iii	Plant protection	01	07	05	0	0	07	05
iv	Soil Science	01	54	0	05	0	59	0
	Total	05	192	26	12	13	204	39

* Sponsored by ATMA, Patna, State Department of Agriculture, BAMETI, Patna, Jal Shakti Abhiyan

E. Online Meeting /Training 2020-21

S.No.	Discipline	Course no.	No. of Beneficiaries					
			Others		SC/ST		Total	
			M	F	M	F	M	F
i	Home Science	02	12	23	09	04	21	27
ii	Agril. Engineering	03	51	0	06	0	57	06
iii	Extension Edu.	03	37	18	02	05	39	23
iv	Plant protection	04	45	21	08	02	53	23
V	Soil Science	02	25	13	05	0	30	13
	Total	14	170	75	30	11	200	92

F. Poshan Maah, 2021

KVK	Date	No. of Angwandi Workers	No. of Farm Women & Jeevika Didi	Others	Total Participants
KVK Barh, Patna	07.09.2021	0	37	06	43
KVK Barh, Patna	17.09.2021	0	0	75	75
KVK Barh, Patna	18.09.2021	45	0	0	45
KVK Barh, Patna	23.09.2020	0	25	0	25
KVK Barh, Patna	24.09.2021	0	24	0	24
Total		45	86	81	212

G. Special Programme. 2021

S.No	Name of Programme	Date of Programme	Place of Programme	No. of Participant	Visit of VIPs.
1	93 th ICAR Foundation Day	16.07.2021	KVK, Patna (Virtual Mode)	48	-

2	20 th SAC Meeting	26.08.2021	KVK, Patna	32	1 Dr R.N Singh Assos. Dir. Ext. Edu., BAU, Sabour 2 Sri Vibhu Kumar, DAO, Patna 3 Dr. S.B. Singh, RD, ARI, Patna 4 Sri Shyam Bihari Singh, PD ATMA, Patna
3	Food and Nutrition for Farmers	26.08.2021	KVK, Patna	82	1 Dr R.N Singh Assos. Dir. Ext. Edu., BAU, Sabour 2 Sri Vibhu Kumar, DAO, Patna 3 Dr. S.B. Singh, RD, ARI, Patna 4 Sri Shyam Bihari Singh, PD ATMA, Patna
4	Poshan Vatika Maha Abhiyan & Tree Plantation.	17.09.2020	KVK, Patna	107	-
5	Capacity Building and Business Conference for FPOs/Farmers and Exporters.	26.09.2021	KVK, Patna	75	-
6	Farmer Scientist interaction on Climate Resilient Species, Techniques and Methods	28.09.2021	KVK, Patna	211	-

3. FLD, 2020-21

Crop	Variety	Area (ha)	Session	Place	Participants			Remarks
					SC	ST	Other	
Paddy	R. Sweta	17.0	Kharif	Niyajipur- Fatuha Saray, Darveshpura, Vaidapur- Patna Sadar Rampur Diyara- Maner	05	0	37	On going

1. CFLD, 2020-21

Crop	Variety	Area (ha)	Session	Place	Participants			Remarks
					SC	ST	Other	
Arahar		10	Kharif	Rawaich, Bakhtiyarpur	04	0	22	On going

2. Climate Resilient Agriculture Programme.

Sl.	Crop	Technology	Demonstration Area (Acre)	No. of Beneficiaries
1.	Paddy	Direct Seeded Rice (Dry)	12	12
2.		Direct Seeded Rice (Wet.)	02	02
3.		Line transplanting	288	288
4.		Alternate wetting and drying	60	60
5.		Water harvesting & Field bunding	40	40
6.		Leaf color chart based nutrient management (INM)	40	40
Total			442	442

3. ON Farm Trial, 2020-21 (On going)

Sl	Topic	Thematic Area	Treatment	Area (ha)	Village	SC	ST	Other	Remarks
01	Evaluation of phosphate management through different sources for enhancing productivity of Arhar in Patna district.	Soil fertility management	Farmers Practice- No fertilizer application in Arhar crop. Technological Option I:- RDF i.e use of N @ 20 kg/ha, P ₂ O ₅ @ 40 kg/ ha (basal) and K ₂ O @ 20 kg/ ha (basal) (Through DAP and MOP) Technological Option II:- Seed treatment with Rhizobium and PSB, 40 Kg P ₂ O ₅ /ha P ₂ O ₅ through SSP and 20 Kg K ₂ O/ha through MOP. (In all technological option seed treatment will be done as per standard Practice, Pheromone trap will be used @10 trap/ha)	0-5	Rawaich Bakhtiyarpur	0	0	05	Ongoing
02	Assessment of different bag storage method to minimize losses in storage	Post-Harvest Management	Farmers Practice- Storage in Plastic Bag Tech Option I- Storage in thin PVC bag and putting in Plastic Bag Technology Option II- Storage in Hermetic Bag and putting in Plastic Bag	10	Kalyanpur Izarta	0	0	10	Ongoing
03	Assessment of different Mulching Materials in production of Vegetables	Use of Plastic in Agriculture	Farmers Practice- Without Mulching Tech Option I- Mulching with paddy straw Technology Option II- Mulching with Plastic Mulching Material	2-0	Amarpura (Paliganj)	0	0	05	Ongoing

04	Evaluation of different fungicide for controlling Foot rot (Sclerotinia sclerotiorum) of coriander cultivated in raining season.	IDM	Farmers Practice: - No seed & soil treatment only Foliar spray of mancozeb @ 2 gm/lit water. Technology Option-I: Seed treatment with T. Viridae @ 6 gm/kg seed and soil treatment with T. viridea @ 4 kg/ha. Technology Option-II: Seed & soil treatment with T. viridae + Foliar spray of sulfex @ 3 gm/lit water at 15 days interval. Technology Option-III: Seed & soil treatment with T. Viridea + foliar spray of metalaxyl @ 1 gm/ lit. water at 15 days interval.	0-25	Tilhar Belchi	0	0	05	Ongoing
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7. Soil sample analyzed.

Details	No. of Samples	No. of Farmers	No. of villages
Soil sample analysis	353	353	09

8. Other extension activities

Activities & sub activities	No.	No. of Beneficiaries
Scientist visit to farmers field	52	208
Farmer's visit to KVK	449	449
Diagnostic Visi	12	138
News paper coverage	09	Mass
Radio talk	08	Mass
Field Day	02	124
Kisan Goshthi	01	41
Advisory services/Helpline services	879	879
Publication of Krishak Samachar	02	1000
Exposure Visit	04	80
Tree plantation Awareness Programme	01	107
Jal Shakti Abhiyan	12	180

9. Seed material produced at KVK, farm

S.N.	Crop	Variety	Area(ha)	Remarks
1	Paddy	Sabour Harshit	03	Crop Standing
2	Paddy	R. Sweta	2.6	Crop Standing

10. Production of planting materials by the KVKs

Crop	Variety	No. of planting materials	Provided to number of farmers
Fruits			
Lime	Kagaji	2500	972
Fodder crop saplings	Napier grass	1000	100
Others, pl.specify	Cycus & Crotons	2500	200

11. Action Plan: October, 2021 to March, 2022

Home Science

Thematic Area	Title of Training	Qr. No.	Duration	Venue	Total
Practicing Farmer/ Farm Women					
Women and child care	Care of pregnant & lactating women.	3 rd Quarter	02	OFF	20
Value addition	Different recipes of mushroom	3 rd Quarter	01	OFF	20
Minimization of nutrient less in processing	Different cooking methods	4 th Quarter	02	OFF	20
Rural Youth					
Income Generation activities for woman	Embroidery for income generation	3 rd Quarter	01	ON/OFF	20
Extension Functionaries					
Capacity building	Capacity building of Aanganwari workers	3 rd Quarter	01	ON/OFF	20
Agricultural Engineering					
Practicing Farmer/ Farm Women					
Other	Use of drum seeder for direct seeding of rice.	3 rd Qtr(July-Sept)	1	ON/OFF	20
Use of plastic in farming practices	Advantage of mulching in vegetable crop for weed & water management.	-Do-	1	ON/OFF	20
Resource conservation Technique	Use and advantages of Self Propelled rice transplanter	-Do-	2	ON/OFF	20
Other	Use of rotavator for land preparation.	-Do-	1	ON/OFF	20
Resource conservation Technique	Use of Happy seeder for residue management	4 th Quarter (Oct- Dec)	1	ON/OFF	20
Micro-irrigation	Water conservation techniques in irrigation	-Do-	1	ON/OFF	20
Micro irrigation	Drip irrigation/sprinkler irrigation	-Do-	1	ON/OFF	20
Rural Youth					
Protected cultivation	Resource conservation techniques for vegetable crop.	3 rd Quarter	2	ON/OFF	20
Repair & maintenance farm implements	Custom hiring of agricultural machinery	-Do-	2	ON/OFF	20
Repair & maintenance farm implements	Developing skills to manufacture small hand tools/ use of small tools for drudgery reduction.	4 th Quarter	2	ON/OFF	20
Extension Functionaries					
Protected cultivation	Zero tillage technology	-3 rd Quarter	1	ON/OFF	15
Care & maintenance of farm implements	Technology of Rotavator operation	4 th Quarter	1	ON/OFF	20
Extension Education					
Practicing Farmer/ Farm Women					
Group dynamics	Need and importance of	3 rd Quarter	2	ON/	20

	farmers club/SHG			OFF	
Formation and management of SHGs	Formation and management of SHG	-do-	2	ON/ OFF	20
Leadership Development	Importance of leadership in the development of Agriculture	-do-	2	ON/ OFF	20
Mobilization of social capital	Effective utilization of social & natural resources.	-do-	2	ON/ OFF	20
Entrepreneurial development of Farmers / youth	Development of entrepreneurship skill among Farmers	-do-	2	ON/ OFF	20
Group dynamics	Need and importance of farmers club/SHG	4 th Quarter	2	ON/ OFF	20
Formation and management of SHGs	Formation and management of SHG	-do-	2	ON/ OFF	20
Leadership Development	Importance of leadership in the development of Agriculture	-do-	2	ON/ OFF	20
Mobilization of social capital	Effective utilization of social & natural resources.	-do-	2	ON/ OFF	20
Entrepreneurial development of Farmers / youth	Development of entrepreneurship skill among Farmers	-do-	2	ON/ OFF	20
Rural youth					
Vermin culture	Vermin composting	3 rd Quarter	3	ON/ OFF	25
Formation and management of SHGs	Need and Importance of SHG / Farmers club	-do-	3	ON/ OFF	25
Vermin culture	Vermin composting	4 th Quarter	3	ON/ OFF	25
Integrated farming	Dairy farming	-do-	3	ON/ OFF	25
Extension Functionaries					
Market led Extension	Use of ICT Tools for market access.	3 rd Quarter	2	ON	20
Vermincompost	Importance of vermicompost in organic farming	3 rd Quarter		OFF	20
Formation and management of SHGs	Capacity building of Extension Functionaries	4 th Quarter		OFF	20
Group dynamics	Significance of Group Farming	4 th Quarter	2	ON	20
Plant Protection					
Practicing Farmer/ Farm Women					
IPM	Management of cut worm in lentil and gram	3 rd Quarter	2	OFF	20
IDM	Management of seed and soil born disease of lentil	-Do-	2	OFF	20
Production of bio control agent and bio pesticide	Importance of pheromone trap in managing fruit and shoot borer in brinjal	-Do-	2	OFF	20
IPM	Management of white fly in solanaceae vegetable	-Do-	2	OFF	20
IDM	Management of rust in lentil	-Do-	2	OFF	20

Production of bio control agent and bio pesticide	Importance of NPV in controlling pod borer of gram	-Do-	2	OFF	20
IPM	Importance of deep ploughing in pest management	4 th Quarter	2	OFF	20
IDM	Management of Yellow vein mosaic in Bhindi	-Do-	2	OFF	20
Production of bio control agent and bio pesticide	Importance of NPV in controlling fruit and shoot borer of Brinjal	-Do-	2	OFF	20
IPM	Integrated pest management in maize	-Do-	2	OFF	20
IDM	Integrated disease management in onion	-Do-	2	OFF	20
Production of bio control agent and bio pesticide	Preparation of neem Kernel extract for controlling insect pest	-Do-	2	OFF	20
Rural youth					
Crop diversification	Oyster mushroom cultivation	3 rd Quarter	3	ON	20
Crop diversification	Button mushroom cultivation	-Do-	3	ON	20
Crop diversification	Oyster mushroom cultivation	-Do-	3	ON	20
Crop diversification	Milky Mushroom cultivation	4 th Quarter	3	ON	20
Crop diversification	Milky Mushroom cultivation	-Do-	3	ON	20
Crop diversification	Paddy straw mushroom cultivation	-Do-	3	ON	20
Extension functionaries					
IPM	Management of major insect pest of pulse crops	3 rd quarter	2	OFF	20
IDM	Management of major disease of pulse and oilseed crop	-Do-	2	OFF	20
IDM	Importance of seed treatment in controlling major disease of wheat	-Do-	2	OFF	20
IPM	Management of major insect pest of maize	4 th quarter	2	OFF	20
IDM	Management of mosaic disease in moong	-Do-	2	OFF	20
Production of bio control agent and bio pesticide	Importance of bio control agent in managing insect pest of Paddy	-Do-	2	OFF	20
Soil Science					
Practicing Farmer/ Farm Women					
Soil fertility management	Importance of balanced fertilizer application in vegetable crop	3 rd Quarter	2	OFF	25
Soil and water testing	Importance of soil testing for better crop production	-Do-	2	OFF	25
Integrated nutrient management	Integrated nutrient management in pulses	-Do-	2	OFF	25

Management of problematic soil	Reclamation of usar land	-Do-	2	OFF	25
Micronutrient deficiency in crop	Importance of boron nutrition in managing hollow heart and browning of cauliflower	-Do-	2	OFF	25
Nutrient use efficiency	Importance of PSB culture in improving P use efficiency	-Do-	2	OFF	25
Soil fertility management	Importance of green manuring in soil fertility management	4 th Quarter	2	OFF	25
Soil and water conservation	Importance of growing cover crop in soil and water conservation	-Do-	2	OFF	25
Integrated nutrient management	Integrated nutrient management for sustainable agriculture production	-Do-	2	OFF	25
Micronutrient deficiency in crop	Importance of Fe and Zn containing fertilizer in managing leaf chlorosis in paddy	-Do-	2	OFF	25
Nutrient use efficiency	Importance of using neem and sulphur coated urea in improving N use efficiency	-Do-	2	OFF	25
Soil and water testing	Importance of soil and water testing for better crop production	-Do-	2	OFF	25
Rural Youth					
Production and use of organic inputs	Practical hand on soil testing using soil testing kit	3 rd quarter	3	ON	25
Production and use of organic inputs	Vermicompost production and their marketing	-Do-	3	ON	25
Production and use of organic inputs	Vermicompost production and their marketing	4 th quarter	3	ON	25
Production and use of organic inputs	Practical hand on soil testing using soil testing kit	-Do-	3	ON	25
Extension functionaries					
Integrated nutrient management	Integrated nutrient management in pulses				20
Micronutrient deficiency in crops	Fertilizer recommendation for wheat through crop manager (webapp)				20
Integrated nutrient management	Fertilizer recommendation for Maize through crop manager (webapp)				20
Micronutrient deficiency in crops	Role of micronutrient, their deficiency, symptoms and corrective measures for different crops.				20

12. Frontline demonstration to be conducted* 2021

Sl. No	Season	Crop	Variety	Area in ha.	No. of Demonstration
1	Rabi	Wheat	HD- 2967	04	
2		Mushroom	Oyster, Button, Milky	100 kg.	
3		Vegetable Seed	Nutrigarden	100 pkt.	100
4		Sodium Benzoate		500 gm	25 farmers
5		Citric Acide		500 gm	25 farmers
6		Potassium meta bisulphate		500 gm	25 farmers

13. On Farm Trail to be conducted* 2021

OFT: 1 (Agricultural Engineering)

1	Title of On Farm Trial	Assessment of different bag storage method to minimize losses in storage
2	Problem diagnosed	Post-Harvest losses in storage.
3	Details of Technologies selected for Assessment	Farmers Practice- Storage in Plastic Bag Tech Option I- Storage in thin PVC bag and putting in Plastic Bag Technology Option II- Storage in Hermetic Bag and putting in Plastic Bag
4	Source of Technology	University of Illions, USA, BAU Sabour
5	Performance Indicator	Moisture Content %, Germination Rate %, Storage Loss%, BC ratio
6	Replication	10
7	Production system and thematic area	Pulse- Fallow
8	Constraints identified	Storage loss during storage of pulses resulting poor income
9	Process of Farmer Participation	

OFT: 2 (Agricultural Engineering)

1	Title of On Farm Trial	Assessment of different Mulching Materials in production of Vegetables
2	Problem diagnosed	Weed probalem as well as water management.
3	Details of Technologies selected for Assessment	Farmers Practice- Without Mulching Tech Option I- Mulching with paddy straw Technology Option II- Mulching with Plastic Mulching Material
4	Source of Technology	BAU Sabour
5	Performance Indicator	No of irrigation, weed population/m2, yield q/ha & BC ratio
6	Replication	10
7	Production system and thematic area	Pulses- Vegetables
8	Constraints identified	High cost of weeding and water utilization.
9	Process of Farmer Participation	

OFT: 3 (Extension Education)

1	Title of On Farm Trial	Assessing the Awareness level of Soil Health Card in Paddy Cultivation
2	Problem diagnosed	Farmers awareness about benefits of Soil Health Card
3	Details of Technologies selected for Assessment	Farmers Practice- Farmers having no SHC and not applying recommended dose of fertilizers. Tech Option I- Recommendation of fertilizer application through training/ group meeting. Technology Option II- Farmers having Soil Health Card and follow the recommendation.
4	Source of Technology	BAU, Sabour, Bhagalpur
5	Replication	36
6	Production system and thematic area	Capacity Building
7	Performance Indicator of Technology	i. Level of Awareness (%) ii. Yield (qt./ha) iii. BC Ratio

OFT: 4 (Extension Education)

1	Title of On Farm Trial	Effectiveness of Community Radio Programme on awareness (knowledge) related to Nutritional and health wellbeing of Radio Listener.
2	Problem diagnosed	Poor awareness related to Nutrition and health being among Radio Listener
3	Details of Technologies selected for Assessment	Farmers Practice- Farmers having no SHC and not applying recommended dose of fertilizers. Tech Option I- Nutrition and health Awareness of Farmers not connected with C.R. Technology Option II- Nutrition and health Awareness of Farmers connected with C.R. Technology Option III- Nutrition and health Awareness of Farmers through SD Card
4	Source of Technology	C.R. Compendium
5	Replication	36 Radio listener & Non Listener
6	Production system and thematic area	Capacity Building
7	Performance of Technology with Performance Indicator	i. Awareness level towards Nutrition ii. Awareness level in health wellbeing iii. Consumption pattern in food habit

OFT : 5 (Plant Protection)

1	Title	Crop residue management through mushroom production.
2	Problem diagnosed	Mustard straw is not suitable for cattle feed and farmers used to burn in the Field after threshing leads to environmental pollution and hazard to soil health.
3	Technological option	Farmers Practice: - Use of wheat straw as substrate for oyster

		mushroom production (P. florida) Technology option-I: - 50% Wheat straw + 50% Mustard straw as substrate. Technology option-II: - 75% Wheat straw + 25% mustard straw as substrate. Technology option-III: - 50% Wheat straw + 50% mustard straw supplemented with 20gm besan / kg straw.
4	Source of Technology	NCMR Solan
5	Replication	5
6	Production system and thematic area:	
7	Performance of the technology with performance indicators	Yield disease appearance Size of fruit.
8	Constraints identified	
9	Process of Farmer Participation	
10	Critical Input.	Critical Input :- Mushroom Spawn, P.P. Bag, Formaldehyde.

OFT-: 6 (Plant Protection)

1	Title	Evaluation of different fungicide for controlling Foot rot (Sclerotinia sclerotiorum) of coriander cultivated in rainy season.
2	Problem diagnosed	Coriander is cultivated in raing season for leaf purpose in the district suffers severe problem of Foot rot leads to heary economic loss to the farmers.
3	Technological option	Farmers Practice: - No seed & soil treatment only Foliar spray of mancozeb @ 2 gm/lit water. Technology Option-I: Seed treatment with T. Viridae @ 6 gm/kg seed and soil treatment with T. viridea @ 4 kg/ha. Technology Option-II: Seed & soil treatment with T. viridae + Foliar spray of sulfex @ 3 gm/lit water at15 days interval. Technology Option-III: Seed & soil treatment with T. Viridea +foliar spray of metalaxyl @ 1 gm/ lit. water at 15 days interval.
4	Source of Technology	BAU, Ranchi
5	Replication	5 (200m ²)
6	Production system and thematic area:	
7	Performance of the technology with performance indicators	Disease Incidance, Yield, Net Income & B:C Ratio
8	Constraints identified	
9	Process of Farmer Participation	
10	Critical Input	Seed, Chemical

OFT: 9 (Soil science)

1	Title	Evaluation of phosphate management through different sources for enhancing productivity of Arhar in Patna
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		district.
2	Problem diagnosed	Poor nutrient management Practices leads to low yield and profitability
3	Technological option	Farmers Practice- No fertilizer application in Arhar crop. Technological Option I:- RDF i.e use of N @ 20 kg/ha, P ₂ O ₅ @ 40 kg/ ha (basal) and K ₂ O @ 20 kg/ ha (basal) (Through DAP and MOP) Technological Option II:- Seed treatment with Rhizobium and PSB, 40 Kg P ₂ O ₅ /ha P ₂ O ₅ through SSP and 20 Kg K ₂ O/ha through MOP. (In all technological option seed treatment will be done as per standard Practice, Pheromone trap will be used @10 trap/ha)
4	Source of Technology	BAU, Sabour
5	Replication	07
6	Production system and thematic area:	Maize/Arhar - Green gram
7	Performance of the technology with performance indicators	No. of Branch / Plant, No. of Pod / Branch, No. of seed / pod, yield (q/ha), B:C ratio
8	Constraints identified	
9	Process of Farmer Participation	

OFT: 10 (Soil science)

1	Title	Evaluation of Sulphur and Boron Application in mustard on crop yield.
2	Problem diagnosed	Deficiency of Sulphur and Boron leads to poor crop yield of mustard.
3	Technological option	Farmers Practice: Use of N @ 75 kg/ha P ₂ O ₅ @ 55 kg/ha. TO I- RDF i.e use of N @ 60 kg/ha (½ basal + ½ at flowering stage) P ₂ O ₅ @ 40kg/ha (basal) K ₂ O @ 40 kg/ha (basal) TO II- RDF+20kg/S/ha TO III- RDF+ 20kg/S/ha+1 kg/ B/ha.
4	Source of Technology	BAU, Sabour
5	Replication	06
6	Production system and thematic area:	Rice- Mustard/Wheat- Green gram
7	Performance of the technology with performance indicators	No. of branch / plant, No. of pod / branch, No of seed / Silique, yield (q/ha), B:C ratio
8	Constraints identified	
9	Process of Farmer Participation	

14. Extension Activities

Nature of Extension Activity	No. of activities	Total		
		Male	Female	Total
Field Day	16	220	110	330
KisanMela	4	100	50	150

KisanGhoshthi	11	100	50	150
Method Demonstrations	10	50	10	60
Group meetings	8	200	100	300
Lectures delivered as resource persons	5	100	50	150
Advisory Services	150	200	100	300
Scientific visit to farmers field	40	80	40	120
Diagnostic visits	300	200	50	250
Exposure visits	2	100	25	125
Soil health Camp	2	400	100	500
Soil test campaigns	2	300	100	400
Scientific visit to farmers field	35	781	241	1022
Farmers visit to KVK	500	800	300	1100
Swatchta Hi Sewa	15	450	154	604

15. Seed material produced at KVK, farm

S.N.	Crop	Variety	Area(ha)	Remarks
1	Rai	RGN-48	1.0	T/L
2	Lentil	HUL-57	2.0	C/S
3.	Lathyrus	Ratan	0.5	T/L
4.	Wheat	HD2967	6.1	C/S
5.	Gram	PG-186	4.1	C/S

16. CRA Action Plan (Rabi, 2021)

S.No.	Technical Intervention	Crop	Variety	Target (Acre)
1	Zero Tillage	Wheat	HD 2967	400
2	Raised Bed	Wheat	HD 2967	15
3	Zero Tillage	Lentil	HUL 57	30
4	Zero Tillage	Chickpea	PG 146	80
5	Zero Tillage	Mustard	RGN 48	80
6	Raised Bed	Maize	Acharya	08
7	Raised Bed	Maize+Potato	Acharya+ KufriPukhraj	05
8	Zero Tillage	Lathyrus	Ratan	05
Total				623

17. New Initiatives

- Promotion of Nutri- Cereals through Awareness, Training & Demonstrations
- Promotion of Climate Resilient technology in Non CRA villages.
- Promotion of IFS Models in the district.
- Promotion of Small Scale Processing techniques of Onion.
- Promotion of Moringa in daily diet through value addition products tainting & demonstration.
