

ANNUAL REPORT (Jan - Dec. 2021)

APR SUMMARY

1. Training Programmes

Clientele	No. of Courses	Male	Female	Total participants
Farmers & farm women	41	827	-	827
Rural youths	01	24	-	24
Extension functionaries	-	-	-	-
Sponsored Training	03	100	-	100
Vocational Training	-	-	-	-
Total	45	951		951

2. Frontline demonstrations

Enterprise	No. of Farmers	Area (ha)	Units/Animals
Oilseeds	106	42.00	--
Pulses	167	54.00	--
Cereals	51	16.00	--
Vegetables	20	0.81	--
Commercial Crops	44	20.00	--
Total	288	132.81	--
Livestock & Fisheries	--	--	--
Other enterprise- Agril. Engg.	10	4.00	--
Total	10	4.00	--
Grand Total	298	136.81	--

3. Technology Assessment & Refinement

Category	No. of Technology Assessed & Refined	No. of Trials	No. of Farmers
Technology Assessed			
Crops	04	04	16
Vegetables	01	01	03
Other enterprises			
Total	05	05	19
Technology Refined			
Crops			
Livestock			
Various enterprises			
Total			
Grand Total	05	05	19

4. Extension Programmes

Category	No. of Programmes	Total Participants
Extension activities	294	2715
Other extension activities	-	-
Total		

4. Mobile Advisory Services

55 Message Type	Type of Messages						
	Crop	Livestock	Weather	Marketing	Awareness	Other enterprise	Total
Text only	--	--	--	--	--	--	--
Voice only	250	0	30	40	30	9	359
Voice & Text both	-	-	-	-	-	-	-
Total Messages	-	-	-	-	-	-	-
Total farmers Benefitted	250	0	30	40	30	9	359

5. Seed & Planting Material Production

	Quintal/Number	Value Rs.
Seed (q)	---	--
Planting material (No.)*	32200	--
Bio-Products (kg)	---	--
Livestock Production (No.)	---	--
Fishery production (No.)	---	--

*Onion Nursery is being growing and Sesal flowers Transplanted at the centre.

6. Soil, water & plant Analysis

Samples	No. of Beneficiaries	Value Rs.
Soil- Macro/Micro Nutrient	--	--
Soil Health Card Issued	--	
Total – Soil Health Card		

7. HRD and Publications

Sr. No.	Category	Number
1	Workshops	02
2	Conferences	01
3	Meetings	
4	Trainings for KVK officials	
5	Visits of KVK officials	
6	Book published	--
7	Training Manual	--
8	Book chapters	01
9	Research papers	03
10	Lead papers	03
11	Seminar papers	--
12	Extension folder/ Tech Card	02/2000
13	Proceedings	01
14	Award & recognition	01*
15	On going research projects	01

PROGRESS REPORT

(Jan to Dec. 2021)

1. General Information about the KVK

1.1. Name and address of the KVK

Address	Telephone		E-Mail
	Office	FAX	
KRISHI VIGYAN KENDRA, CHITTORA, DISTT.-MUZAFFARNAGAR –II (U.P.) PIN- 251314	0131-2466362 9411078115		kvkmuzaffarnagar02@gmail.com

1.2. Name and address of the host organization

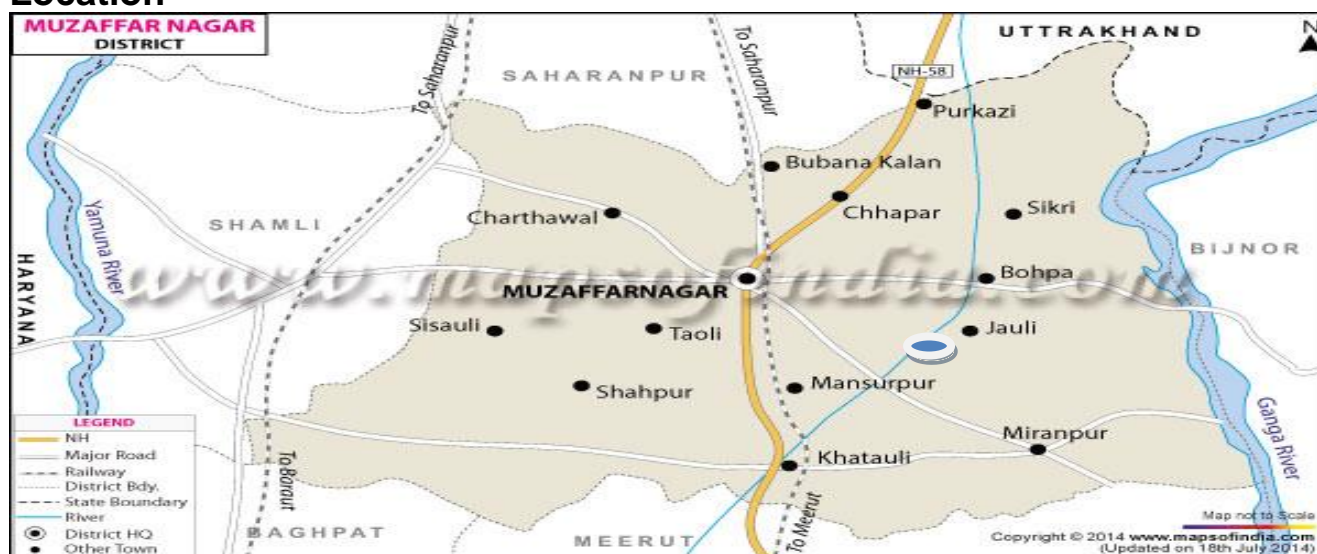
Address	Telephone		E-Mail
	Office	FAX	
DIRECTORATE OF EXTENSION S.V.P.Univ. of Agril. & Tech., Meerut.	0121- 2888511	0121- 2888505 2888540	deesvpuat2014@gmail.com

1.3. Name of the Professor & Head

Name	Telephone/ Contact		E-Mail
	Residence	Mobile	
Dr. P.K.Singh	--	09411078115	Kvkmuzaffarnagar02@gmail.com

1.4 .Year of Sanction : 2018

Location



KVK CHITTORA, MUZAFFARNAGAR- II, WESTERN PLAIN ZONE (UP)

1.5. Staff Position (as on Dec. 2021) :

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Subject	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Permanent /Temporary	Category (SC/ST/OBC/Other)	Mobile no.	Age	Email id
1	Programme Coordinator	Dr. P.K.Singh	Professor & Head	Agronomy	37400 - 67000 10000	193800	02.02.95	Permanent	GEN	9411078115	55	kvkmuzaffargar02@gmail.com
2	Subject Matter Specialist	Dr. Sanjay Kumar	Associate Director	Agril. Engg.	37400 - 67000 9000	152300	10.12.03	Permanent	GEN	8279642419	50	
3	Subject Matter Specialist	Dr. Surendar Kumar	Asstt. Prof.	Agril. Extn.	15600 - 39100 8000	98200	18.07.08	Permanent	OBC	9319304168	56	Sktanwar_kvkbaghpat@rediffmail.com
4	Subject Matter Specialist	Dr. Y.P.Singh	Asstt. Prof.	Horticulture	15600 - 39100 8000	95300	19.01.09	Permanent	OBC	9457111952	45	ypsingh76@gmail.com
5	Farm Manager	Sh. Sanjeev Kumar	Farm Manager	Agronomy	9300-34800 4800	66000	22.01.04	Permanent	OBC	8392955124	48	
6	Driver	Harish Kant	Driver	--	5200-20200	44100	01.07.98	Permanent	GEN	9027224876	46	
7	Supporting staff	Sh. Udaiveer	Peon	--	4440-7440 2400	37500	15.01.96	Permanent	OBC	8445125399	45	

1.6. Total land with KVK (in ha) : 12.491 ha.

S.No	Item	Area (ha)
1.	Under Building	0.00
2.	Under Demonstration Units	0.00
3.	Under Farm	12.491

1.7. Infrastructure Development : Nil

A). Building

S. No.	Name of the building	Source of fund	Stage		
			Complete		
			Completion date	Plinth area in Sqm.	Sanctioned budget (Rs)
1.	Administrative Building	ICAR	Nov. 2021		

B). Vehicles : Nil

c). Equipments & AV Aids : Nil

1.8. A). Details SAC meeting* conducted in the year : Nil

Sl. No.	Date	Name and Designation of Participants	Sailent Recommendation	Action taken
1.	14.12.2020			

क्र०सं०	नाम	पदनाम
1.	डॉ० अशोक कुमार	प्राध्यापक (मृदा विज्ञान) सवप कृषि वि०वि० मेरठ
2.	डॉ० के०जी० यादव	सह प्राध्यापक सस्य, सवप कृषि वि०वि० मेरठ
3.	डॉ० एस०के० लोधी	सह प्राध्यापक, सवप कृषि वि०वि० मेरठ
4.	डॉ० एल०के० गंगवार	प्राध्यापक एवं अध्यक्ष सवप कृषि वि०वि० मेरठ
5.	डॉ० डी०के० सिंह	प्राध्यापक एवं अध्यक्ष, सवप कृषि वि०वि० मेरठ
6.	श्री सतेन्द्र मान	जिला उद्यान अधिकारी
7.	श्री अरविन्द कुमार शर्मा	डिप्टी पी०डी० आत्मा,
8.	श्री अभिषेक श्रीवास्तव	डी०डी०एम० नाबार्ड
9.	डॉ० नीरज कुमार	वैटनरी ऑफिसर बघरा
10.	डॉ० जे०पी० सिंह	एस०आर०एस० गन्ना शोध
11.	श्री प्रियवर्धन पंवार	ए०बी०डी०एम० धानुका
12.	केशवर सिंह	एकजीक्यूटिव धानुका
13.	श्री हरेन्द्र सिंह	प्रगतिशील कृषक
14.	श्री अनिल कुमार	प्रगतिशील कृषक
15.	श्री नवाब सिंह	प्रगतिशील कृषक
16.	श्री ओमकार त्यागी	प्रगतिशील कृषक
17.	श्री मनोज त्यागी	प्रगतिशील कृषक
18.	श्रीमती प्रीति चौधरी	एस०एच०जी० मैम्बर
19.	श्रीमती सुषमा तोमर	एस०एच०जी० मैम्बर
20.	प्रतिभा	एस०एच०जी० मैम्बर
21.	बु० ज्योत्सना	एस०एच०जी० मैम्बर
34.	श्री उदयवीर	चपरासी
35.	डॉ० संजय कुमार	सह प्राध्यापक कृषि अभि० केवीके जानसठ
36.	डॉ० सुरेन्द्र कुमार	सह प्राध्यापक कृषि प्रसार, केवीके जानसठ
37.	श्री संजीव कुमार	फार्म मैनेजर, केवीके जानसठ
प्रमुख संस्तुतियाँ		कार्यवाही
समिति ने स्टाफ की नियुक्ति जल्द से जल्द किए जाने की संस्तुति की।		विश्वविद्यालय स्तर पर कार्यवाही की जा रही है।
प्रस्तुतित गुड़ प्रसंस्करण एवं प्रशिक्षण ईकाई की स्थापना प्राथमिकता के आधार पर कराई जाए।		टेंडर के बाद स्थापना कर कार्यवाही प्रगति पर है।
प्रशासनिक भवन का निर्माण शीघ्र पूरा किया जाय।		प्रशासनिक भवन का निर्माण कार्य पूर्ण हो चुका है
फसल अवशेष कार्यक्रम में गति दी जाय।		समस्त कार्यक्रम समयानुसार सम्पादित किए जा रहे हैं।
नव विकसित तकनीको का प्रदर्शन लगाया जाय।		इस वर्ष रबी 2021-22 में प्याज, लहसुन आदि प्रजातियों के प्रदर्शन लगाया गया है।
कृषकों को कोरोना से बचाव हेतु जागरुक किया जाये।		कृषकों को कोरोना से बचाव हेतु जागरुक किया गया है।
प्रशिक्षण एवं प्रदर्शन का लक्ष्य पूर्ण किया जाये।		वैज्ञानिकों की कमी के कारण प्रशिक्षण के लक्ष्य पूरे नहीं हो पा रहे हैं।

2. Details of District

2.1 Major Farming System/ enterprises (based on analysis made by KVK)

- S. Cane based + A.H+ Horticulture
- S. Cane based + A.H+ Vegetable + Floriculture
- A.H + Labour

2.2 Description of Agro climatic Zone & major agro ecological situations

Sl. No.	AES	Characteristics of AES	Major Commodities	Farming System	Blocks
1.	AES-1	More than 85% Area, Sandy Loam Soil	S.Cane, Wheat, Rice, Jowar, Mango, Potato	S. Cane based + A.H+ Horticulture	Purkaji, Morna & Jansath
1.	AES-2	More than 95%, Sandy Loam	S.Cane, Wheat, Jowar, Brinjal, Cabbage, Gladiolus, Tuberose,	S. Cane based + A.H+ Vegetable+ Floriculture	Khatauli

2.3 Soil Type/s

S.No.	Soil Type	Characteristics		Area (ha)
		Soil particle Diameter (mm)	Water holding capacity	
1.	Sandy	2 - 0.2 mm,	Poor	17633
2.	Sandy loam	0.2 - 0.02 mm,	Medium	128334
3.	Loam	0.02 - 0.002 mm	Average	78186
4.	Clay loam	>than 0.002 mm	Good	5126
		Total		219269

2.4. Area, Production & Productivity of major crops cultivated in the district in 2020

S.No	Crop	Area (ha)	Productivity (Qt./ha)
1.	Sugarcane	81719.00	812.00
2.	Wheat	37079	41.17
3.	Paddy	7483	23.36
4.	Blackgram	554	5.40
5.	Mustard	1609	12.35
6.	Fodder	21042.00	--

2.5 Weather Data

Month	Rainfall (mm)	Temperature ° C		Relative Humidity (%)
		Maximum	Minimum	
January 2021	59.8	17.6	6.5	91
February 2021	40.0	22.4	7.8	87
March 2021	116.0	26.4	12.4	80
April 2021	35.8	32.6	17.7	64
May 2021	53.4	35.6	21.4	64
June 2021	87.6	35.3	24.5	78
July 2021	324.8	33.0	23.9	79
August 2021	240.0	32.5	24.7	90
September 2021	40.0	34.1	23.8	87
October 2021	0.6	30.7	18.2	83
November 2021	33.2	26.7	13.2	83
December 2021	35.6	17.4	6.7	90

2.6 Production & Productivity of Livestock, Poultry, Fisheries in the district

Category	Population	Production	Productivity
Cows			
Crossbred	35460	413514 liter/day	1800-3178 liter/lactation
Indigenous	133459		1200-2270 liter/lactation
Buffalo	194306	1790140 liter/day	1360-2270 liter/lactation
Sheep		--	--
Crossbred	223	Wool - 11873 kg/ year	--
Indigenous	8478		
Goats	20429	5294 mt	180-544 lit/lactation
Pigs			
Crossbred	10543	12012000 kg meat	--
Indigenous	24856		
Rabbits	281	--	--
Poultry			
Desi	54502	163589 kg meat	1.0 kg
Improved	109087		
Ducks	1642	--	--
Turkey	19	--	--
Camel	41	--	--

2.7 Details of Operation area/ Villages (2021)

S. No.	Taluk	Name of Block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust areas
1.	Khatauli	Khatauli	Nauna, Mogpur, Pal	Sugarcane	High infestation of insect & disease	Insect & disease mgt. through IPM
				Gladiolus	Low yield due to use of local variety and rotten corm	Introduction of HYV Disease mgt.
				Vegetables	Local variety, Imbalance fertilizer application, Infestation of pest	Introduction of HYV IPNM IPM
2.	Jansath	Jansath	Nagla Kabir, Sikheda, Chittora	Sugarcane	Poor yield due to no use of organic matter	Promoting of organic manure
				Wheat	Low yield due to imbalance use of fertilizer	IPNM in Wheat
				Marigold	Use of local seed High infestation of disease	Introduction of HYV Disease mgt.
				Vegetables	Local variety, Imbalance fertilizer application, Infestation of pest	Introduction of HYV IPNM IPM
				Barseem	Low yield due to local seed	Introduction of HYV
3.	Jansath	Morna	--	Sugarcane	High infestation of insect & disease	Insect & disease mgt. through IPM
				Wheat	Low yield due to imbalance use of fertilizer	IPNM in Wheat
				Vegetables	Local variety, Imbalance fertilizer application, Infestation of pest	Introduction of HYV IPNM IPM
4.	Sadar	Purkaji	--	Sugarcane	High infestation of insect & disease	Insect & disease mgt. through IPM
				Wheat	Low yield due to imbalance use of fertilizer	IPNM in Wheat
				Vegetables	Local variety, Imbalance fertilizer application, Infestation of pest	Introduction of HYV IPNM IPM

2.8 Priority Thrust Areas.

Crop/Enterprise	Thrust area
Sugarcane	Mechanization of Sugarcane Crop ,IPNM, SSNM, Weed management, IPM, IDM, Seed production,
Wheat	Mechanization of Wheat Crop, Integrated Nutrient Management, Weed management, IPM, IDM, Seed production, Foliar application of Micronutrients
Rice	Mechanization of Rice Crop, IPNM, Weed management, Hybrid rice, IPM, IDM, Seed production
Vegetables	IPNM & IPM
Oilseeds & Pulses crop	Mechanization of Oilseed & Pulses, Crop, Sulphur, Zinc application & IPM
Animals	Dairy Establishmnet, Endo & Ecto parasite control, Improving fertility

1. In-situ management of crop residue.
2. Popularization of drip irrigation for horticulture & Sugarcane crop.
3. Use of plastic culture in agriculture for floriculture & off season vegetable production.
4. Maintenance of soil productivity through soil test based nutrient management.
5. Promoting intercropping of Pulses, floriculture & vegetables with Sugarcane
6. Popularizing Bio- pesticides(Tricocard,Beauveria Bassiana, etc) for management of early Shoot borer in Sugarcane crop.
7. Promoting high value floriculture as diversification enterprise for extra income generation.
8. Promoting off season vegetable nursery

3.A. Details of target and achievements of mandatory activities by KVK during 2021

OFT (Technology Assessment and Refinement)		FLD (Oilseeds, Pulses, Cotton, Other Crops/Enterprises)			
1		2			
Number of OFTs		Achievements		Shortfall	
Targets	Achievement	Crop/Enterprise	No of Demo./ Farmer	Targets	Achievement
6	05	Cereals	23+28=51	Demo	
		Pulses	137+30=167	Area (ha)	
		Oilseeds	76+30=106		
		Fruits	--		
		Other crops (Vegetables+ sugarcane)	20+44=64		
		H.Sc	--		
		Others(Machinery)	10		
6	05	Total	236+152=388		

Training (including sponsored, vocational and other trainings carried under Rainwater Harvesting Unit)					Extension Activities			
3					4			
Number of Courses			Number of Participants		Number of activities		Number of participants	
Clientele	Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
Farmers		41		827	-	294	-	2715
Rural youth		01		24				
Extn. Functionaries		--		--				
Sponsored		03		100				
Total:		45		951	-	294	-	2715

Seed Production (Qtl.)			Planting material (Nos.)		
5			6		
Target	Achievement	Distributed to no. of farmers	Target	Achievement	Distributed to no. of farmers
200 Q.*	--	--	20000 No.	32200	--
Total :	--	--	20000 No.	32200	--

*Rs.160000 .00 deposited in Revolving fund Account, got from Mango orchard auction

Soil Samples (Nos.)			
5			
Target	Achievement	No. of farmers	Amount
1200	--	--	--
Total :	--	--	--

I.A TECHNOLOGY ASSESSMENT

Summary of technologies assessed under various crops

Thematic areas	Crop	Name of the technology assessed	No. of trials	No. of farmers
Varietal Evaluation	Wheat	Varietal Evalaution of Timely sown Wheat	2	8
	Wheat	Varietal Evalaution of Late sown Wheat	2	8
	Onion	Varietal Evalaution of Onion	1	3
Total			5	19

Summary of technologies assessed under livestock

Thematic areas	Name of the livestock enterprise	Name of the technology assessed	No. of trials	No. of farmers

I.B. TECHNOLOGY REFINEMENT- Nil

I.C. TECHNOLOGY ASSESSMENT AND REFINEMENT IN DETAIL

VARIETAL EVALUATION

Problem identification: Lower productivity and profitability of Wheat due to use of old & disease prone variety (HD 2967).

Technology Assessed: Introduction of timely sown HYV variety of Wheat DBW 88

Table : Evaluation of high yielding variety of Wheat

Technology Option	Yield (qt./ha)	Gross Return (Rs/ha)	Net income (Rs/ha)	B:C Ratio
T1- Farmers practice (HD 2967)	47.50	96625.00	54625.00	2.43
T2- DBW 88	48.00	93600.00	55600.00	2.46

DOS : 06.11.20

DOH 19.4.2021

Result :

1. DBW 88 variety gave yield of 48.00 qt/ha with net return Rs. 55600/ha

Farmers Reaction :

1. Market rate of DBW 88 is slightly high due to bio fortification.
2. There was no lodging seen in DBW 88



VARIETAL EVALUATION

Problem identification: Lower productivity and profitability in late sown Wheat variety PBW 226

Technology Assessed : Introduction of late sown HYV variety of Wheat DBW 90

Table : Evaluation of high yielding variety of Wheat

Technology Option	Yield (qt./ha)	Gross Return (Rs/ha)	Net income (Rs/ha)	B:C Ratio
T1- Farmers practice (PBW 226)	43.00	83850.00	46350.00	2.23
T2- DBW 90	47.50	92625.00	55125.00	2.47

DOS : 11 Dec. 2019

DOH : 24.4.2020

Result :

1. DBW 90 variety gave yield of 47.50 q/ha and net return Rs.92625/ha and also proved resistant against yellow rust. There were no lodging seen during the crop period.
2. Variety DBW 90 gave 18.37 % more yield in comparison to PBW 226.

Farmers Reaction:

1. The straw quality of DBW 90 was better.
2. DBW 90 performed better in very late sown condition also.(First week of January)



VARIETAL EVALUATION

Problem identification: Lower productivity and profitability of Onion due to use of old & disease prone varieties .

Technology Assessed: Introduction of HYV variety of Onion NHRDF RED-4

Table : Evaluation of high yielding variety of Onion

Technology Option	Yield (qt./ha)	Gross Return (Rs/ha)	Net income (Rs/ha)	B:C Ratio
T1- Farmers practice (ALR)	Nursery is being grown			
T2- NHRDF RED-4				

DOS : Nursery Sown (12.11.2021)

II. DETAILS OF FLD (OILSEEDS) IMPLEMENTED

A. CFLD in Rabi 2020-21 : (Mustard)

Details of FLDs implemented during Rabi 2020-21 under NFSM

Sl. No.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ Demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
1.	Mustard	Crop Production	Improved Variety (Giriraj)	Rabi 2020-21	20	28	06	70	76	-

Details of farming situation

Crop	Season	Irrigation situation (PF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Mustard	Rabi 2020-21	Irrigated	Loam to Sandy Loam	-	-	-	Fodder & Rice	02-28 October	25 Feb-07 March	-	02

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organized	Date	Number of participants	Remarks
1	Field Visit	06	27-11-2020, 07-12-2020 21-01-2021, 15-02-2021 18-02-2021, 01-03-2021	21	
2	Farmers Training	02	27-12-2020, 16-01-2021	40	

Performance of Frontline demonstrations :

Crop	Thematic Area	Technology demonstrated	Variety	No. of Farmers	Area (ha)	Demo Yield (q/ha)			Check	% Increase in yield
						High	Low	Average		
Mustard	Crop Production	Improved Variety (Giriraj)	Giriraj	76	28	25.50	15.00	19.20	15.5	27.09

Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
25000	89280	64280	3.57	25000	72075	47075	2.88

Performance of technology (Mustard)

Traits	Giriraj	Check variety
Maturity Duration (days)	132-138	130-139
Disease occurrence	No disease occurrence	No disease occurrence
Uniform Maturity	Uniform Maturity	No Uniform Maturity

DETAILS OF FLD (PULSES) IMPLEMENTED

A. CFLD in Rabi 2020-21 : (Lentil)

Details of FLD implemented during Rabi 20-21 under NFSM

Sl. No.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ Demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
1.	Lentil	Crop Production	Improved Variety PL08	Rabi 2020-21	10	10	05	43	48	-

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Lentil	Rabi 2020-21	Irrigated	Lome to sandy Loam	-	-	-	Fodder and Rice	08-27 November	10-24 April	-	02

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field Visit	04	13-12 2020, 05-02 2021 18-02 2021, 19-03-2021	19	
2	Farmers Training	02	24-12, 2020, 16-03-2021	40	

Performance of Frontline demonstrations :

Crop	Thematic Area	Technology demonstrated	Variety	No. of Farmers	Area (ha)	Demo Yield (q/ha)			Check	% Increase in yield
						High	Low	Average		
Lentil	Crop Production	Improved Variety PL08	PL 8	48	10	11.00	6.80	8.5	6.5	31.74

Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
25000	43350	18350	1.734	25000	33150	8150	1.32

Performance of technology (Lentil)

Traits	PL 08	Check variety
Maturity Duration (days)	126-134	122-132
No disease occurrence	Wilt disease occurrence due to frequently rainfall in crop season	Wilt disease occurrence
Uniform Maturity	Uniform Maturity	Uniform Maturity

B. CFLD in Rabi 20-21 : (Gram)

Details of FLDs implemented during 20 -21 under NFSM

Sl. No.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ Demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
1.	Gram	Crop Production	Improved Variety RVG-202	Rabi 2020-21	10	10	01	29	30	-

Details of farming situation

Crop	Season	Farming situation (Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Gram	Rabi 2020-21	Irrigated	Lome to Sandy Loam	-	-	-	Fodder and Rice	12 Oct.-08 November	01-18 April	-	02

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field Visit	04	15-12-2020,23-01-2021 01-03-2021,09-03-2021	17	--
2	Farmers Training	02	24-12-2020, 16-03-2021	40	--

Performance of Frontline demonstrations :

Crop	Thematic Area	Technology demonstrated	Variety	No. of Farmers	Area (ha)	Demo Yield (q/ha)			Check	% Increase in yield
						High	Low	Average		
Gram	Crop Production	Improved Variety RVG-202	RVG-202	30	10	13.80	7.5	10.8	9.0	20.00

Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
26500	55080	28580	2.07	26500	45900	19400	1.73

Performance of technology (Gram)

Traits	RVG 202	Check variety
Maturity Duration (days)	124-134	121-137
Disease occurrence	Wilt disease occurrence due to frequently rainfall in crop season	Wilt disease occurrence
Uniform Maturity	Uniform Maturity	Uniform Maturity

C.Result of CFLD on Urd :

Details of FLDs Urd implemented during Zaid 2021 under NFSM

Sl. No.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ Demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
1.	Urd	Varietal evaluation	PU 31	Zaid 2021	10.00	14.00	1	30	31	--

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Pulses											
Urd	Zaid 2021	Irrigated	Sandy Loam to Loam	M	M	M	Jowar (Fodder) & Wheat	1- 21 March	15 May to 7 June	--	--

Technical Feedback on the demonstrated technologies

S.No	Feed Back
	Pulses
1.	It is resistant to Yellow mosaic virus.
2.	20-30 No. of pods per plant were found in this variety.
3.	Uniform maturity

Farmers' reactions on specific technologies

S. No	Feed Back
1.	It is resistant to Yellow mosaic virus.
2.	It is not much tall variety.
3.	The crop matured in 80-85 days

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organized	Date	Number of participants	Remarks
1	Field Visit	02	--	20	--
2	Farmers Training	01	19.3.20	20	--

Performance of Frontline demonstrations :

Crop	Thematic Area	Technology demonstrated	Variety	No. of Farmers	Area (ha)	Demo Yield (q/ha)			Check	% Increase in yield
						High	Low	Average		
Urd	ICM	Treated Seed ,	PU 31	31	14.00	11.2	8.00	9.00	7.95	13.2

Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
19000	54000	35000	2.84	19000	47700	28700	2.51

Performance of technology (Urd)

Traits	PU 31	Check variety
Maturity Duration (days)	82	92
Disease occurrence	1-2 %	5 % & Above
Uniform Maturity	90%	70-80%



B. Result of CFLD on Urd :

Details of FLDs Urd implemented during Kharif 2021 under NFSM

Sl. No.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ Demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
1.	Urd	Varietal evaluation	Indra Urd-1	Kharif 2021	10.00	10.00	2	26	28	--

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Pulses											
Urd	Kharif 2021	Irrigated	Sandy Loam to Loam	M	M	M	Jowar (Fodder) & Wheat	1- 21 March	15 May to 7 June	-	--

Technical Feedback on the demonstrated technologies

S.No	Feed Back
	Pulses
1.	Variety Indra Urd 1 was highly affected by Yellow mosaic virus.
2.	Low variety was not prone to Yellow mosaic virus.

Farmers' reactions on specific technologies

S. No	Feed Back
1.	Yield & uniform maturity were affected by heavy rainfall in the month of Oct.
2.	Satisfaction of farmers was not upto the mark.
3.	Acceptance level of farmers was poor.

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organized	Date	Number of participants	Remarks
1	Field Visit	05	30.07.21, 09.08.21, 25.08.21, 07.09.21, 22.09.21, 30.09.21, 14.10.21	55	--
2	Farmers Training	04	17.07.21, 09.08.21, 27.08.21, 29.09.21	80	--

Performance of Frontline demonstrations :

Crop	Thematic Area	Technology demonstrated	Variety	No. of Farmers	Area (ha)	Demo Yield (q/ha)			Check	% Increase in yield
						High	Low	Average		
Urd	ICM	Treated Seed	Indra Urd-1	28	10.0	8.25	6.50	7.5	9.00	-20.00

Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
20000	45000	25000	2.25	19200	54000	34800	2.81

Performance of technology (Urd)

Traits	Indra Urd-1	Check variety
Maturity Duration (days)	82	92
Disease occurrence	1-2 %	5 % & Above
Uniform Maturity	90%	70-80%



FLD on Other crops

Category & Crop	Themati c Area	Name of the technolog y	No. of Farmer s	Area (ha)	Yield (q/ha)				% Chang e in Yield	Other Parameters		Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
					Demo			Chec k		Dem o	Chec k	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
					High	Low	Averag e												
Rabi 2020-21																			
Cereals																			
Wheat	Varietal	Improved Variety of Timaly Sown Wheat HD 2967	13	4.0	52.0	44.2	51.0	43.50	17.24	--	--	38000	99450	61450	2.61	38000	84825	46825	2.23
Wheat	Varietal	Improved Variety of Late Sown Wheat DBW 173	5	2.00	50.0	43.25	48.00	42.25	13.60	--	--	37200	93600	56400	2.51	37200	82387	45187	2.21
Wheat	Varietal	Improved Variety of Late Sown Wheat DBW 71	5	2.00	50.0	41.00	47.00	42.25	11.24	--	--	37200	91650	54450.00	2.46	37200	82387	45187	2.21
Commercial Crops																			
Sugarcane	IPM	Use of Bio-agent	72	40.00	980	520	780	750	4.0	--	--	82000	245700	163700	2.99	86000	236250	150250	2.74
Rabi 2021-22																			
Wheat	Varietal	Improved Variety of Timaly Sown Wheat DBW 187	15	4.0	Result	Awaite d													
Wheat	Varietal	Improved Variety of Late Sown Wheat DBW 173	13	4.0	Result	Awaite d													
Vegetables																			
Onion	Varietal	HYV- ALR	10	0.56	Result	Awaite d													
Garlic	Varietal	HYV- G 282	10	0.25	Result	Awaite d													
Commecia l Crops																			
Sugarcane	IPM	Use of Bio-agent	32	16	Result	Awaite d													
	INM		12	04	Result	Awaite d													

FLD on Livestock : Nil

FLD on Fisheries : Nil

FLD on Other enterprises : Nil

FLD on Women Empowerment : Nil

FLD on Farm Implements and Machinery: Nil

FLD on Other Enterprise: Kitchen Gardening : Nil

FLD on Farm Implements and Machinery

Name of the implement	Crop	Technology demonstrated	No. of Farmer	Area (ha)	Major parameters	Filed observation (output/man hour)		% change in major parameter	Labor reduction (man days)				Cost reduction (Rs./ha or Rs./Unit etc.)			
						Demo	Check		Land preparation	Sowing	Weeding	Total	Land preparation	Labour	Irrigation	Total
Seed Drill	Wheat	Line Sowing by Seed Drill	10	4.0		85%	--	6%	--		--					

III. Training Programme

Farmers' Training including sponsored training programmes (on campus)

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production										
II Horticulture										
a) Vegetable Crops										
Nutrition and Kitchen Gardening	01	20	--	20	--	--	--	20	--	20
Total (a)	01	20	--	20	--	--	--	20	--	20
GT (a-g)	01	20	--	20	--	--	--	20	--	20
III Soil health and fertility management										
Soil fertility and management	03	57	--	57	5	--	5	62	--	62
Total	03	57	--	57	5	--	5	62	--	62
VI Agril. Engineering										
Farm Machinery and its maintenance	01	15	--	15	05	--	05	20	--	20
Total	01	15	--	15	05	--	05	20	--	20
VII Plant Protection										
Integrated Pest Management	01	20	--	20	--	--	--	20	--	20
Total	01	20	--	20	--	--	--	20	--	20
X Capacity Building and Group Dynamics										
Leadership development	1	19	-	19	1	--	1	20	--	20
Group dynamics										
Formation and Management of SHGs										
Mobilization of social capital										
Entrepreneurial development of farmers/youths	1	20	-	20	--	--	--	20	--	20
WTO and IPR issues										
Others (pl specify)										
Total	02	39	--	39	01	--	01	40	--	20
GRAND TOTAL	08	151		151	11		11	162		162

Farmers' Training including sponsored training programmes (off campus)

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production										
Weed Management	1	20	--	20	--	--	--	20	--	20
Resource Conservation Technologies										
Cropping Systems										
Crop Diversification	3	56	--	56	6	--	6	62	--	62
Integrated Farming										
Micro Irrigation/irrigation	1	19	--	19	1	--	1	20	--	20
Seed production										
Nursery management										
Integrated Crop Management	9	164	--	164	19	--	19	183	--	183
Soil & water conservatioin	1	18	--	18	2	--	2	20	--	20
Integrated nutrient management										
Production of organic inputs										
Others (pl specify)										
Total	15	277		277	28		28	305		305
II Horticulture										
b) Fruits										
Layout and management of orchards	01	20	--	20	--	--	--	20	--	20
Total (a)	01	20	--	20	--	--	--	20	--	20
c) Ornamental Plants										
Other										
(Commercial flower)	01	19	--	19	1	--	1	20	--	20

Total (c)	01	19	--	19	1	--	1	20	--	20
GT (a-g)	02	39	--	39	1	--	1	40	--	40
VI Agril. Engineering										
Farm Machinery and its maintenance	08	120	-	120	40	--	40	160	--	160
Installation and maintenance of micro irrigation systems	01	16	--	16	04	--	4	20	--	20
Use of Plastics in farming practices	01	16	--	16	04	--	4	20	--	20
Production of small tools and implements										
Repair and maintenance of farm machinery and implements	02	34	--	34	06	--	06	40	--	40
Small scale processing and value addition	02	32	--	32	08	--	08	40	--	40
Post Harvest Technology										
Others (pl specify) Drip Irrigation	02	34	--	34	06	--	06	40	--	40
Total	16	252	--	252	68	--	68	320	--	320
X Capacity Building and Group Dynamics										
Leadership development										
Group dynamics										
Formation and Management of SHGs										
Mobilization of social capital										
Entrepreneurial development of farmers/youths										
WTO and IPR issues										
Others (pl specify)										
Total										
GRAND TOTAL	33	568		568	97		97	665		665

Farmers' Training including sponsored training programmes – CONSOLIDATED (On + Off campus)

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production										
Weed Management	1	20	--	20	--	--	--	20	--	20
Resource Conservation Technologies										
Cropping Systems										
Crop Diversification	3	56	--	56	6	--	6	62	--	62
Integrated Farming										
Micro Irrigation/irrigation	1	19	--	19	1	--	1	20	--	20
Seed production										
Nursery management										
Integrated Crop Management	9	164	--	164	19	--	19	183	--	183
Soil & water conservation	1	18	--	18	2	--	2	20	--	20
Integrated nutrient management										
Production of organic inputs										
Others (pl specify)										
Total	15	277		277	28		28	305		305
II Horticulture										
a) Vegetable Crops										
Nutrition and Kitchen Gardening	01	20	--	20	--	--	--	20	--	20
Total (a)										
b) Fruits										
Layout and management of orchards	01	20	--	20	--	--	--	20	--	20
Total (b)	01	20	--	20	--	--	--	20	--	20
c) Ornamental Plants										
Other										
(Commercial flower)	01	19	--	19	1	--	1	20	--	20
Total (c)	01	19	--	19	1	--	1	20	--	20
GT (a-c)	03	59	--	59	1	--	1	60	--	60
III Soil health and fertility management										
Soil fertility and management	03	57	--	57	5	--	5	62	--	62
Total	03	57	--	57	5	--	5	62	--	62
VI Agril. Engineering										
Farm Machinery and its maintenance	09	135	-	135	45	--	45	180	--	180

Installation and maintenance of micro irrigation systems	01	16	--	16	04	--	4	20	--	20
Use of Plastics in farming practices	01	16	--	16	04	--	4	20	--	20
Production of small tools and implements										
Repair and maintenance of farm machinery and implements	02	34	--	34	06	--	06	40	--	40
Small scale processing and value addition	02	32	--	32	08	--	08	40	--	40
Post Harvest Technology										
Others (pl specify)	02	34	--	34	06	--	06	40	--	40
Total	17	267	--	267	73	--	73	340	--	340
VII Plant Protection										
Integrated Pest Management	01	20	--	20	--	--	--	20	--	20
Total	01	20	--	20	--	--	--	20	--	20
X Capacity Building and Group Dynamics										
Leadership development	1	19	-	19	1	--	1	20	--	20
Group dynamics										
Formation and Management of SHGs										
Mobilization of social capital										
Entrepreneurial development of farmers/youths	1	20	-	20	--	--	--	20	--	20
WTO and IPR issues										
Others (pl specify)										
Total	02	39	--	39	01	--	01	40	--	40
GRAND TOTAL	41	719		719	108	--	108	827		827

Training for Rural Youths including sponsored training programmes (On campus)

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Repair and maintenance of farm machinery and implements	01	24	--	24	--	--	--	24	--	24
TOTAL	01	24	--	24	--	--	--	24	--	24

Training for Rural Youths including sponsored training programmes (Off campus) : Nil

Training for Rural Youths including sponsored training programmes – CONSOLIDATED (On + Off campus)

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Repair and maintenance of farm machinery and implements	01	24	--	24	--	--	--	24	--	24
TOTAL	01	24	--	24	--	--	--	24	--	24

Training programmes for Extension Personnel including sponsored training programmes (off campus) : Nil

Training programmes for Extension Personnel including sponsored training programmes – CONSOLIDATED (On + Off campus) : Nil

Table. Sponsored training programmes

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop production and management										
Increasing production and productivity of crops	01	47	--	47	03	--	03	50	--	50
CRM	02	45		45	05	--	05	50	--	50
GRAND TOTAL	03	92	--	92	08	--	08	100	--	100

IV. Extension Programmes

Activities	No. of programmes	No. of farmers	No. of Extension Personnel	TOTAL
Advisory Services	90	90	--	90
Diagnostic visits	56	153	--	153
Field Day	05	255	--	255
Group discussions	2	26	--	--
Kisan Ghosthi	08	780	20	800
Film Show /Radio Talk	11	Mass	--	Mass
Self -help groups	--	--	--	--
Kisan Mela Participated	04	950	--	950
Exhibition	01	200	--	200
Scientists' visit to farmers field	110	35	3	38
Plant/animal health camps	--	--	--	--
Farm Science Club Meeting	--	--	--	--
Ex-trainees Sammelan	--	--	--	--
Farmers' seminar/workshop	01	50	--	50
Method Demonstrations	1	15	0	15
Celebration of important days	1	35	--	35
Special day celebration(Constitution day, World Soil Day)	2	47	--	47
Exposure visits	2	82	--	82
Others (pl. specify)	--	--	--	--
Farmers Visit to KVK	750	750	--	750
Total	1044	3468	23	3491

Details of other extension programmes

Particulars	Number
Electronic Media (CD./DVD/ U Tube)	2
Extension Literature	2000
News paper coverage	31
Popular articles	---
Radio Talks	11
TV Talks	--
Animal health camps (Number of animals treated)	--
Others (pl. specify)- Book Chapter/Book /Training manual	--
Book Chapter	01

Mobile Advisory Services

No. of KVKs	No. of SMSs sent	No. of farmers benefited
01	359	359

VI. PRODUCTION OF SEED/PLANTING MATERIAL AND BIO-PRODUCTS : Planting material - 32200**VII. DETAILS OF SOIL, WATER AND PLANT ANALYSIS : Nil****VIII. SCIENTIFIC ADVISORY COMMITTEE**

Name of KVK	Number of SACs conducted
KVK Chitoda, Muzaffarnagar-II (UP)	--

IX. NEWSLETTER : Nil

Name of News letter	No. of Copies printed for distribution
Nil	

X. PUBLICATIONS

Category	Number
Research Paper	03
Technical bulletins	--
Technical reports	--
Abstract	02
Popular Articles	--
Extension literature	03
Total	

DETAILS OF PUBLICATION :**Research Papers Published in Journals**

Name	Year	Title	Name of Journal
Singh, Pushpendra; Kumar, Jitendra; Singh, Bijendra and Singh, Yesh Pal.	2021	Influence of growth regulators on growth and flowering in tuberose (<i>Polyanthes tuberosa</i> L) CV "Pearl Double	<i>Progressive Agriculture 21(1):48-55</i>
Kumar, Subhash; Kumar, Devendra; Singh, Yesh Pal and Singh, Pushpendra.	2021	Response of stomatal resistance against water stress at different growth stages I four potato cultivars	<i>Progressive Agriculture 21(1):62-68</i>
Kumar, Subhash; Kumar, Devendra; Singh, Yesh Pal and Singh, Pushpendra.	2021	Impact of repeated water stress on marketable yield and total tuber yield of potato (<i>Solanum tuberosum</i> L)	<i>Progressive Agriculture 21(1):69-76</i>

XI. DETAILS ON RAIN WATER HARVESTING STRUCTURE AND MICRO-IRRIGATION SYSTEM: Nil**XII. INTERVENTIONS ON DISASTER MANAGEMENT/UNSEASONAL RAINFALL/ HAILSTORM/ COLD WAVES ETC****XIII. DETAILS ON HRD ACTIVITIES :**

Workshop/Seminar /Symposia/Winter/Summer School Attended:

Name of Scientist	Name of Programme	Place	Duration	Date
Dr Yesh Pal Singh	CFLD oilseed and Pulses review workshop	Banda Agriculture university, banda, U.p. India	2 Days	22-23.11,2021
Dr Yesh Pal Singh	4 th International conference on Global Approaches in Natural Resource Management for Climate Smart Agriculture	Shobhit University, Meerut, U.P. India	2 Days	26-28.02.2021

XIV. Case Studies/Success Stories: 40**LINKAGES****Functional linkage with different organization**

The KVK has very strong linkage with different line departments and stake holders. The KVK is involved in technical backstopping of the line departments officials and regular participation in the programmes and vice versa. The linkages with stake holders are as under.

Name of Organization	Nature of Linkage
Deptt. of Agriculture	Diagnostic survey, training, gosthi/Seminar/ Farmers Fair
Deptt. of Horticulture	Participation in meeting/demonstration/training/ Farmers Fair
Cane Deptt. & Sugar industries	Gosthies & Trainings
NABARD	Technical Support to Kisan Clubs
Basmati Export Development Foundation	Awareness of rice growers for export
NHM	Soil Testing of beneficiaries, Capacity building & Nursery management
IFFCO, KRIBHCO	Trainings/Gosthi
SBI, PSB PNB & Distt. Cooperative Bank	Trainings/Gosthi & distribution of loan in the operational area
DOMR, Bharatpur Rajasthan	Demonstration/Field Day
Animal Husbandry Deptt.	Trainings & Circulation of Extn. Material
NGO	Trainings/Gosthi

1. Details of linkage with ATMA : Nil

Programme	Nature of Linkages	No of Programmes	No of Farmers
Training of Farmers	Training, Gosthi ,Demo	10	400

2. Linkage with Agriculture Deptt & DSO : Nil

FINANCIAL PERFORMANCE

Details of KVK Bank Account

S. No.	Bank account	Name of Bank	Location	Account Number
1.	With Host Institution	SBI ,SVPUA&T Meerut	Meerut	38303147938
2.	With KVK	SBI Khatauli	Khatauli	38260068302

Utilization of K.V.K Funds during the year 2021

S.N.	Heads	Budget Sanctioned (Rs. in lakh)	Actual Expd. (Rs. in lakhs)	Balance (Rs. in lakhs)
A	Recurring Items			
1	Pay and Allowance	50.00	23.78	26.22
2	Traveling Allowance	0.50	0.10	0.40
	HRD	0.00	0.00	0.00
3	Contingencies			
a	Stationery & other Expenditure for office running	5.20	2.02	3.18
b	POL/Repair of Vehicle/Tractor			
c	Vocational Training			
	i) Meals for trainees			
	ii) Training material			
	iii) Frontline demonstration Except oilseeds & pulses			
	iv) On-Farm Testing			
	v) Training of Extension Functionaries			
	vi) Library Maintenance			
	vii) Maintenance building			
	vii) General Contingency			
	Total A	55.70	25.90	29.80
B	Non-Recurring Items			
1	Works (Main building)	78.35	0.00	78.35
2	Vehicle	0.00	0.00	0.00
	Total B	78.35	0.00	78.35
	Total (A+B)	59.80	43.59	16.30

XVI Achievement of Special programmes

- 1) Achievement of skill development training funded by DAC&FW : Nil
- 2) Achievements under Crop Residue Management (CRM) Project by KVKs

a) CRM Machinery procured by KVKs

	Name of the Machine/ Equipment	No. of machines procured
	Happy Seeder	--
	Reversible M.B. Plough	--
	Paddy Straw Chopper/ Shredder/ Mulcher	--
	Zero Till Drill	--
	Rotavator	--
	Tractor	--
	Total	--

b) IEC activities organized under CRM Project by KVKs

S. No.	Name of IEC activity	No. of activities	No. of Participants
1	Kisan Melas organized	--	--
2.	Awareness programmes conducted at Village Panchayat/ Block/ District Level	07	435
3.	Mobilization of schools and colleges through essay completion, painting, debate etc.	04	702
4.	Demonstration conducted (ha)-	160 ha	300
5.	Training Programmes conducted	02	50
6.	Exposure visits organized	02	82
7.	Field /harvest days organized	05	282
	Total	21	1664

b) Other IEC activities organized under CRM Project by KVKs

S. No.	Name of IEC activity	No. of activities
1.	Advertisement in Print media	--
2.	Column / Articles in newspaper and magazines etc.	--
3.	Hoarding fixed (at Mandi/ Road side/Market/ Schools/ Petrol pump/ Panchayat etc.)	--
4.	Poster/Banner placed	--
5.	Publicity material - leaflets/ pamphlets etc. distributed	2000
6.	TV programmes/ panel discussions Doordarshan/ DD-Kisan and other private channels	45
7.	Wall writing	--
Total		2045

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*Dr Y P Singh awarded by "Best KVK Scientist Award-2020" during 4th International conference on Global approaches in Natural Resource Management for Climat Smart Agriculture(26-28.02.2021) at Shobhit University, Meerut