

# Welcome

**Annual Zonal Workshop**  
**Jan- Dec., 2019**



**Dr. Sanjay Kumar,**  
**Officer Incharge**

**Krishi Vigyan Kendra, Badaun-I**

**S.V. Patel Univ. of Agri. & Tech., Meerut**

# Summary of Progress Report 2019

Particular	Target (No.)	Achievement (No.)	Achieve (No. of Participants )
Training	100	77	1540
CFLD	03/30 ha	03/30.36 ha	75
FLD other than	12/20 ha	12/20 ha	90
OFT	08/3.00 ha	08/3.00 ha	71
Extn. Activity	2000	3021	12916
Soil Testing	1000	-	-
Mobile Advisory	500	1200	1200
Distribution of seed saplings (No.)	20000	18500	Mass
Seed production (Q)	200	506.70	-
Special Programme	02	07	1072
Kisan Mela	01	01	194
Gosthi	02	07	1260
Jal Shakti Programme	02	02	772

# CFLD PROGRESS REPORT

## Cluster FLDs on Oilseeds and Pulses

Sl. No.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ demonstration		
					Proposed	Actual	SC/ST	Others	Total
1	Urd	Varietal Evaluation	PU-31	<b>Kharif 2019-20</b>	10.0	10.36	15	10	25
2	Field Pea	Varietal Evaluation	IPFD10-12	<b>Rabi 2019-20</b>	10.0	10.00	05	20	25
3	Lentil	Varietal Evaluation	PL-8	<b>Rabi 2019-20</b>	10.0	10.00	04	21	25





<b>CFLD -1 Title</b>	<b>Cluster Front Line Demonstration of pulses</b>
<b>Crop &amp; Variety</b>	<b>Urd - PU-31</b>
<b>Season &amp; Year</b>	<b>Kharif 2019</b>
<b>Problem</b>	<b>Low production of pulses due to Less acreage and lack of ICM</b>
<b>Thematic Area</b>	<b>ICM</b>
<b>Farmers Practices (FP)</b>	<b>Use of traditional variety- <b>Alankar</b></b>
<b>Name of Technology</b>	<b>Use of improved variety-PU- 31 and Integrated crop management</b>
<b>Source of Technology</b>	<b>GBPUA&amp;T, Pantnagar</b>
<b>Detail of Technology Demonstrated (RP)</b>	<b>Use of improved variety-PU-31 and Integrated crop management (Timely sowing, seed treatment, balanced nutrition, IPM, timely weed &amp; water management.)</b>
<b>Area (ha)</b>	<b>10.36</b>
<b>No. of Demonstrations</b>	<b>25</b>



Crop	Thematic Area	Technology demonstrated	Variety	Yield (q/ha)				% Increase in yield
				Demo			Check	
				High	Low	Average		
<b>Urd</b>	<b>ICM</b>	<b>Use of improved var.</b>	<b>PU -31</b>	<b>8.13</b>	<b>7.58</b>	<b>7.86</b>	<b>6.82</b>	<b>15.34</b>

Crop	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
<b>Urd</b>	<b>26260</b>	<b>37738</b>	<b>11478</b>	<b>1.44</b>	<b>25900</b>	<b>32728</b>	<b>6828</b>	<b>1.26</b>

<b>CFLD -2 Title</b>	<b>Cluster Front Line Demonstration of pulses</b>
<b>Crop &amp; Variety</b>	<b>Field Pea – IPFD10-12</b>
<b>Season &amp; Year</b>	<b>Rabi 2019-20</b>
<b>Problem</b>	<b>Low production of pulses due to lack of improved varieties and ICM</b>
<b>Thematic Area</b>	<b>ICM</b>
<b>Farmers Practices (FP)</b>	<b>Use of traditional variety- <b>Prakash</b></b>
<b>Name of Technology</b>	<b>Use of improved variety- IPFD10-12 and Integrated crop management</b>
<b>Source of Technology</b>	<b>ICAR-IIPR, Kanpur</b>
<b>Detail of Technology Demonstrated (RP)</b>	<b>Use of improved variety- IPFD10-12 and Integrated crop management (Timely sowing, seed treatment, balanced nutrition, optimum plant protection, timely weed &amp; water management.)</b>
<b>Area (ha)</b>	<b>10.00 ha</b>



Crop	Thematic Area	Technology demonstrated	Variety	Yield (q/ha)			Check	% Increase in yield
				Demo				
				High	Low	Average		
<b>Field Pea</b>	ICM	Use of improved var.	<b>IPFD10-12</b>	<b>20.72</b>	<b>14.24</b>	<b>18.17</b>	<b>16.01</b>	<b>13.53</b>

Crop	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
<b>Field Pea</b>	<b>30000</b>	<b>65416</b>	<b>34754</b>	<b>2.18</b>	<b>29000</b>	<b>57619</b>	<b>28619</b>	<b>1.79</b>

<b>CFLD -3 Title</b>	<b>Cluster Front Line Demonstration of pulses</b>
<b>Crop &amp; Variety</b>	<b>Lentil PL – 08</b>
<b>Season &amp; Year</b>	<b>Rabi 2019-20</b>
<b>Problem</b>	<b>Low production of pulses due to less acreage and lack of ICM</b>
<b>Thematic Area</b>	<b>ICM</b>
<b>Farmers Practices (FP)</b>	<b>Use of old variety- IPL 406</b>
<b>Name of Technology</b>	<b>Use of improved variety- PL- 08 and Integrated crop management</b>
<b>Source of Technology</b>	<b>GBPUA&amp;T, Pantnagar</b>
<b>Detail of Technology Demonstrated (RP)</b>	<b>Use of improved variety- PL - 08 and Integrated crop management (Timely sowing, seed treatment, balanced nutrition, timely weed &amp;management and plant protection, etc.)</b>
<b>Area (ha)</b>	<b>10</b>
<b>No. of Demonstrations</b>	<b>25</b>



Crop	Thematic Area	Technology demonstrated	Variety	Yield (q/ha)			Check	% Increase in yield
				Demo				
				High	Low	Average		
<b>Lentil</b>	<b>ICM</b>	<b>Use of improved var.</b>	<b>PL-08</b>	<b>14.44</b>	<b>10.11</b>	<b>12.05</b>	<b>10.13</b>	<b>18.90</b>

Crop	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
<b>Lentil</b>	<b>26500</b>	<b>57587</b>	<b>31357</b>	<b>2.18</b>	<b>25800</b>	<b>48636</b>	<b>22836</b>	<b>1.89</b>

## FLD OTHER THAN OILSEED AND PULSES

S.N.	Crop	Thematic area	Tech. Demo.	Season and year	Area (ha)	No. of farmers/ demonstration
					Actual	Total
1	Paddy	IPM	Use of Buprofezin 25% against BPH	Kharif 19	4.00	10
2	Cucubits	IPM	Use of Pheromone Trap against fruit fly	Kharif 19	2.00	10
3	Chilli	IPM	Use of Emamectin Benzoate against fruit borer	Rabi 18-19	4.00	10
4	Potato	IDM	Use of Metalaxyl 8 % + Mencozeb 64 % against late blight	Rabi 19-20	4.00	20
5	Cauliflower	Varietal Evaluation	Use of improved var. Sabour Agrim	Zaid 19	3.00	15



Crop /Year	Problem	Area (ha)	Demo.	Results	Yield q/ha	% change in Yield	Net Income	BC Ratio
<b>Chilli Rabi 2019-20</b>	<b>Low yield of chilli due to fruit borer</b>	<b>4.0</b>	<b>10</b>	<b>FP</b>	<b>278.23</b>	<b>-</b>	<b>257572</b>	<b>4.38</b>
				<b>RP</b>	<b>349.05</b>	<b>25.48</b>	<b>342112</b>	<b>5.46</b>



Crop /Year	Problem	Area (ha)	Demo.	Results	Yield q/ha	% change in Yield	Net Income	BC Ratio
<b>Paddy Kharif 2019</b>	<b>Low yield due to heavy infestation of BPH</b>	<b>4.0</b>	<b>10</b>	<b>FP</b>	<b>31.87</b>	<b>-</b>	<b>22929</b>	<b>1.78</b>
				<b>RP</b>	<b>38.53</b>	<b>20.95</b>	<b>24879</b>	<b>2.14</b>





Crop /Year	Problem	Area (ha)	Demo.	Results	Yield q/ha	% change in Yield	Net Income	BC Ratio
<b>Bitter gourd Kharif 2019</b>	<b>Low yield of bitter gourd due to heavy infestation of fruit fly</b>	<b>2.0</b>	<b>10</b>	<b>FP</b>	<b>319.52</b>	<b>-</b>	<b>64607</b>	<b>2.02</b>
				<b>RP</b>	<b>399.61</b>	<b>25.09</b>	<b>93842</b>	<b>2.42</b>



Crop /Year	Problem	Area (ha)	Demo.	Results	Yield q/ha	% change in Yield	Net Income	BC Ratio
<b>Potato Rabi 2019-20</b>	<b>Low yield of potato due to late blight</b>	<b>4.0</b>	<b>20</b>	<b>FP</b>	<b>273.54</b>	<b>-</b>	<b>178932</b>	<b>3.66</b>
				<b>RP</b>	<b>354.06</b>	<b>29.50</b>	<b>250606</b>	<b>4.68</b>



Crop /Year	Problem	Area (ha)	Demo.	Results	Yield q/ha	% change in Yield	Net Income	BC Ratio
<b>Cauliflower Kharif 2019</b>	<b>Low yield and poor quality</b>	<b>4.0</b>	<b>15</b>	<b>FP</b>	<b>114.20</b>	<b>-</b>	<b>52780</b>	<b>2.05</b>
				<b>RP</b>	<b>149.20</b>	<b>30.64</b>	<b>84280</b>	<b>2.67</b>



<b>OFT - 1 Title</b>	<b>Management of fruit borer in Tomato</b>
<b>Season &amp; Year</b>	<b>Rabi 2019-20</b>
<b>Problem</b>	<b>Low yield of tomato due to severe attack of fruit borer</b>
<b>Thematic Area</b>	<b>IPM</b>
<b>Source of Technology (Year)</b>	<b>ICAR (IIVR, Vanarasi)</b>
<b>Farmers Practice (T<sub>1</sub>)</b>	<b>Cypermethrin 10EC @750 ml/ha</b>
<b>Recommended Practice (T<sub>2</sub>)</b>	<b>Emmamectin benzoate @250 gm/ha</b>
<b>Name of Variety/breed</b>	<b>Abhinash -2</b>
<b>No. of Trials (Replication)</b>	<b>03</b>



<b>Technology assessed/Refined</b>	<b>No. of trials</b>	<b>Production (q/ha)</b>	<b>Net return Rs./ha</b>	<b>BC ratio</b>
<b>T<sub>1</sub> Cypermethrin 10EC @750 ml/ha</b>	<b>03</b>	<b>291.20</b>	<b>189457</b>	<b>2.86</b>
<b>T<sub>2</sub> -Emmamectin benzoate @250 gm/ha</b>		<b>362.58</b>	<b>260317</b>	<b>3.55</b>

<b>OFT - 2 Title</b>	<b>Assessment of high yielding varieties in onion</b>
<b>Season &amp; Year</b>	<b>Rabi 2018-19</b>
<b>Problem</b>	<b>Low yield &amp; poor keeping quality</b>
<b>Thematic Area</b>	<b>Irrigated and Sandy loam soil</b>
<b>Name &amp; Character of Technology</b>	<b>Evaluation of high yielding varieties</b>
<b>Source of Technology (Year)</b>	<b>Directorate of Onion &amp; Garlic Research, Pune Maharashtra</b>
<b>Farmers Practice (T<sub>1</sub>)</b>	<b>Farmer's practice-Agrifound Light Red</b>
<b>Recommended Practice (T<sub>2</sub>)</b>	<b>Bhima Shakti</b>
<b>Name of Variety/breed</b>	<b>Bhima Shakti</b>
<b>No. of Trials (Replication)</b>	<b>03</b>



<b>Technology assessed/Refined</b>	<b>No. of trials</b>	<b>Production (q/ha)</b>	<b>Net return Rs./ha</b>	<b>BC ratio</b>
<b>T<sub>1</sub> F P-Agrifound Light Red</b>	<b>03</b>	<b>319.00</b>	<b>246200.00</b>	<b>3.67</b>
<b>T<sub>2</sub> -Bhima Shakti</b>		<b>395.00</b>	<b>441333.00</b>	<b>4.89</b>

**Date of Transplanting 02-07, Feb, 2019**

**Date of Harvesting 01-05 June, 2019**



# Summary of CRM Project

# Prog. – 09 , Farmers - 829

Activities	No. of programmes	No. of participants	Date
Mobilization of Inter College students	01	150	06.11.2019
Five Days training Programme	02	50	16-20.10.19, 30.10.19 to 03.11.19
Farmers Fair	01	194	25.11.19
Village Level Farmers Awareness Programme	03	210	04.10.19, 14.10.19, 21.10.19,
Block Level Farmers Awareness Programme	01	100	23.10.19
District Level Farmers Awareness programme	01	125	11.10.19





# FMD PROGRAMME ORGANISED on 11.10.2019 At KVK, BADAUN-I



No. of farmers - 74

No. of Animals - 53

# PLANTATION DAY ORGANISED on 17.10.2019 AT KVK, BADAUN-I



No. of farmers - 250



No. of Plant distributed - 1000



# JAL SHAKTI ABHIYAN

**KISAN MELA AND KRISHI GOSTHI**

**Dated 03.09.19 at BLOCK-AMBIAPUR**

**No. of farmers - 332**



**KISAN MELA AND KRISHI GOSTHI**

**Dated 02.10.19 at BLOCK-ASAFPUR**

**No. of farmers - 542**



# Doubling of Farmer's Income Programme by KVK

SI	Intervention	Progress of work	No. of Participants	
			Bhawanipur	Baramaldev
1	Introduction of HYV of Cauliflower & Onion	Sabour Agrim, Bhima Shakti	07	12
2	BPH management in Paddy	FLD and Training	22	08
3	Late Blight Management in Potato	FLD and Training	14	16
4	Fruit borer management in Chilli	FLD and Training	13	20
5	Foliar Spray of Nutrient in Tomato (Zn, B, Cu, Fe 01 gm/lit each)	FLD & Training	14	21
6	Use of Ivermectin Inj. to control Endo and Ecto parasites	FLD & training	14	16
7	Use of Calcium + Phosphorus and Vi. D3 to increase milk yield	FLD & Training	13	17
8	Use of vitamin and mineral mixture to increase body weight and reduce mortality chicks	FLD	08	02
9	Use of UMMB Block to control repeat breeding	OFT & Training	17	06
10	Evaluation of clinical and non-clinical treatment for post calving anoestrous in Buffaloes	OFT	02	01
11	Mineral mixture supplement in heifers and calves	OFT	28	22
12	Expansion of area of Pulses	CFLD	40	23

## Expenditure during 2019-20

Rec. Cont	RE 19-20	I Six month	II Six month
		Expenditure	Expenditure
Exp on Training	100000	26400	-
POL	120000	65637	51626
Stationary, phone, electricity, postage	350000	88985	155372
OFT	50000	13131	21281
FLD	100000	19220	22305
Pay	10225000	5538443	3759389
T.A.	120000	28456	45802
Others	110000	7653	9603
<b>Total</b>	<b>11175000</b>	<b>5787925</b>	<b>4065378</b>

## Current Staff Status

Officer Incharge	01
SMS	02
Prog. Asstt.	02
Farm Manager	01
Office supt. Cum accountant	01
Driver	01
Supporting staff	02
<b>Total</b>	<b>10</b>

Name of KVK: KRISHI VIGYAN KENDRA, UJHANI (BADAUN)

Account No. of Revolving Fund: 10788225785

Bank Name of Revolving Fund: State Bank of India

Financial Year	Opening Balance as on 1 <sup>st</sup> April, 2019	Source of Income	Total Income during the year	Total Expenditure during the year	Net Profit during the year	Closing Balance as on 31 <sup>st</sup> March, 2020
2019-20	1312191.20	Nursery Raised:	-	897524	527163	1839354
		Seed Produced:	1176093			
		Sale of Farm produce:	76940			
		Other, if any:	171654			
		<b>G. Total</b>	<b>1424687</b>	<b>897524</b>	<b>527163</b>	<b>1839354</b>



# SUMMARY OF ACTION PLAN 2020 INCLUDING ACTION PLAN FOR MIGRANT LABOURERS

Particular	Target (No.)	Participants/ Demo. Area (ha)
Training	100	2000
CFLD	04	100/40 ha
FLD other than	18	39/95
OFT	14	42
Extn. Activity	2000	Mass
Soil Testing	1000	1000
Mobile Advisory	500	500
Distribution of seed saplings (No.)	20000	Mass
Seed production (Q)	200	NSC
Special Programme	02	500
Kisan Mela	01	200
Gosthi	02	300

Approx. total no. of Labourers who have Migrated back	Farming area in which they are interested	Action Plan proposed by your KVK
12594	Wheat, Paddy, Pulses, Oilseeds Vegetables Bee keeping, Vermi compost, Small Nursery, Mushroom & Animal Husbandry	Trainings / Skill Trainings and Demonstrations

