

QRT -Report

(2011-12 to 2018-19)

Krishi Vigyan Kendra – Moradabad – I

1. KVK DETAIL

- a.** Name and Location of KVK: : Krishi Vigyan Kendra- Moradabad - I,
Rustam Nagar Shaspur, Bilari .
PIN – 202 415.
- b.** Name of Scientist Incharge with : Dr. Ram Karan Singh,
Postal address and Telephone No. : Krishi Vigyan Kendra, Bilari
Moradabad – 202 415, U.P.
Mobile No.: 9412809032
- c.** Name of District and State Hqrs. : Moradabad (Uttar Pradesh)
- d.** Sanction order No. and date : FN.2-11/99A-E-11(PT) 13.12.2004
- e.** Date of Establishment : 23.12.2004
- f.** Name and Address of the host : Sardar Vallabhbhai Patel University of
Institute. : Agriculture and Technology,
Meerut - PIN-250110

2. STATUS OF STAFF POSITION

Table 1 Status of Staff Position (filled) of KVKs as on April, 2019

Name of KVK	PC	SMS	Farm Manager	PA (Computer)	PA (Lab Tech.)	Assistant	Steno	Driver	SSS	Total (filled)	Total (Vacant)
Krishi Vigyan Kendra	01	03	01	01	-	01	01	01	02	11	05

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline (Subject)	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Permanent /Temporary	Category (SC/ST/OBC/ Others)	Mobile no.	Age	Email id
i.	Sr. Scientist & Head	Dr. R.K. Singh	Professor & Head.	Agricultural Extension	37400-67400	57490 + 10000	14-10-2010	Permanent	OBC	9412809032	54	moradabadkvk@gmail.com
ii.	Professor Agro-forestry	Dr. Sukh Dev Singh	SMS/Prof.	Agro-forestry	37400-67400	53420+ 9000	05-07-2011	Permanent	OBC	9412522255	53	singh.sd3@gmail.com
iii.	Subject Matter Specialist	Dr. Hasan Tanveer	SMS/ Asst. Prof.	Plant Breeding	15600-39100	22220 + 6000	23-06-2008	Permanent	Others	9369156642	49	htshahi@yahoo.com
iv.	Subject Matter Specialist	Dr. Mohan Singh	SMS/ Asst. Prof.	Soil Science	15600-39100	25980 + 7000	25-06-2008	Permanent	OBC	9457802593	47	drmsinghkvk@gmail.com
v.	Subject Matter Specialist		Vacant.	Plant protection	-	-	-	-	-	-	-	-
vi.	Subject Matter Specialist		Vacant.	Agronomy	-	-	-	-	-	-	-	-
vii.	SMS	-	-	Home science	-	-	-	-	-	-	-	-
viii.	Prog. Assistant		Vacant.		-	-	-	-	-	-	-	-
ix.	Prog. Assistant	Sri. Nagendra Pratap Singh	Computer Programmer/ Programme Assistant	PGDCA	9300-34800	50500	01-09-2007	Permanent	SC	9412060554	44	nagendrapratap1973@gmail.com
x.	Farm Manager	Dr. Hambir Singh	Farm Manager	Plant Breed	9300-34800	50500	18-08-2007	Permanent	OBC	9759173168	49	-
xi.	Accountant / Superintendent	Sri. Sanjay Kumar Sharma	OS/ Accountant	Accounts	9300-34800	64100	18-09-2000	Permanent	OBC	9412650468	45	sksharmakvk@gmail.com
xii.	Stenographer/ computer operator	Sri. Ajay Tomar	Stenographer/ computer operator		5200-20200	38100	30-07-2007	Permanent	Others	8171960800	34	-

xiii.	Driver	Sh. Virendra Kumar Mishra	Driver	-	5200-20200	32300	05.12.2003	Perma nent	Others	9984580773	45	-
xiv.	Driver		Vacant	Vacant					-	Vacant		-
xv.	Supporting staff	Sri. Ram Kishore	Vill. Attendant	Retired on 31 st May 2019	2550-3290	33300	09-01-1996	Perma nent	SC	9837137652	60	-
xvi.	Supporting staff	Sri Sarvesh Kumar	Attendant	-	2550-3290	26000	27-02-2008	Perma nent	OBC	9760866548	35	-

***Sri. Ram Kishore - Retired on 31st May 2019**

3. INFRASTRUCTURAL FACILITIES AVAILABLE (LAND, BUILDINGS AND EQUIPMENTS) :

Land	Area (ha)
Under Buildings	3.6984
Under Demonstration Units	0.0016
Under Crops	13.200
Orchard/Agro-forestry	0.600
Others (Irrigation channels, Chuck Road, bunds etc.)	-
Total	17.50 ha.

A) Buildings

Name of building	Plinth area (Sq.m)
Administrative Building	510.00
Farmers Hostel	300.00
Staff Quarters (6)	431.00
Demonstration Units (2)	160.00
Compound wall/ Fencing	2000 R/M
Rain Water harvesting system	-
Threshing floor	300.00
Farm godown	60.00
Irrigation Channel	1000 R/M

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.) Lac	Total kms. Run	Present status
Tractor	2005	3.45	3919.4 hours	Working condition
Bolero Jeep	2007	4.59	182784	Condemn
Motor cycle	2008	0.52	38371	Working condition

C) Equipments

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
L.C.D. Projector	2007	57000.00	Good condition
U.P.S.	2007	TRF from H.Q.	Good condition
Solar (Lalten)	2007	4040.00	Good condition
Electric Padestral Fan	2005	2410.00	Good condition
Padestral Fan	2005	1725.00	Good condition
11 cultivator	2005	12265.00	Good condition
14 Tawa Harrow	2005	24540.00	Good condition
Leveller	2005	6870.00	Good condition
Nepsake Spray (Plastic)	2005	1428.00	Good condition
Foot Sprayer	2005	1362.00	Good condition
Disk Bund Farmer	2006	8250.00	Good condition
Seed Drill	2006	23415.00	Good condition
Hand Rotary Fan	2006	1161.00	Good condition
Trailer for Tractor	2006	64524.00	Good condition
Hand Vinoi Fan	2006	1450.00	Good condition
S.D. Memory cord of LCD with Recorder	2007	4000.00	Good condition
Solar domestic ligh (Model IV)	2008	25775	Good condition

4. Mandate and functions of KVK/TTC

Mandates:

- Technology Assessment & Demonstration for its application and capacity development (TADA-CD)

Functions:

- On- farm testing to identify the location specific of agricultural technologies under various farming systems.
- Organize frontline demonstrations to establish its production potential on the farmers' fields.
- Conduct training of farmers to update their knowledge and skill in modern agricultural technologies; and training of extension personnel to orient them in frontier areas of technological development.
- To work as resource and knowledge centre of agriculture technology for supporting initiatives of public , private and voluntary sector for improving the agriculture economy of the district and using ICT for sending farm advisory are sent to the farmers.
- Create awareness about improved technologies on a large numbers of extension activities are taken up.
- To support various activities, the seed and planting materials are also produced by kvk.

5. Major activities undertaken

S.N.	Crop/ Enterprise	Thrust area
1.	Rice/Wheat	Integrated plant nutrient management in rice -wheat cropping.
2.	Rice/Wheat	Integrated weed management in rice -wheat cropping
3.	Pulses	Enhancing the area under Kharif & Rabi pulses
4.	Oil seeds	Enhancing the area under Kharif & Rabi oil seeds.
5.	Cereals/Pulses/ Oil seeds	IPM in crops
6.	Cereals/Pulses/ Oil seeds	Promotion of new released varieties.
7.	Seed production	Promotion of seed production in different crops.
8.	Mango	Rejuvenation of old mango orchards
9.	Guava	Management of Guava orchards.
10.	Vegetables	Promotion of organic farming in vegetables.
11.	Floriculture	Promotion of income generating crops.
12.	Bee-keeping	Popularization of Bee-keeping
13.	Vermi compost	Popularization of Vermi composting

A) Major accomplishments and impact

Name of KVK	Year	Major activities undertaken			Major accomplishments
		Activity	Details of Achievement	Impact	
Moradabad	2011-12	Bee-Keeping	<ul style="list-style-type: none"> Adopting technology by the Bee – Keepers Enhanced technical knowledge Enhanced job opportunities Honey Production Wax extraction 	The scientific bee keeping helps him for livelihood, empowerment and make him enthusiastic regards honey production.	<ul style="list-style-type: none"> Self employment Increase in income Up gradation in living standard of farmers. 05 Bee keepers (100 boxes) 100 x 20 kg = 2000 kg honey production
		Popularization of wheat Seed production	<ul style="list-style-type: none"> Replacement of old variety due to low yield. Farmers fetch more revenue from seed production Enhanced job opportunities 	The variety PBW- 550 had been spread more than 200 villages of the district and covered 1200 ha area approximately	<ul style="list-style-type: none"> Self employment Increase in income Up gradation in living standard of farmers 100 ha. Area covered & Production 52.5 q/ha.

	2012-13	Bee-Keeping	<ul style="list-style-type: none"> • Adopting technology by the Bee – Keepers • Enhanced technical knowledge • Enhanced job opportunities • Honey Production • Wax extraction 	The scientific bee keeping helps him for livelihood, empowerment and make him enthusiastic regards honey production.	<ul style="list-style-type: none"> •Self employment •Increase in income •Up gradation in living standard of farmers. •11 Bee keepers (200 boxes) 200 x 20 kg = 4000 kg honey production
		Popularization of wheat Seed production	<ul style="list-style-type: none"> • Replacement of old variety due to low yield. • Farmers fetch more revenue from seed production • Enhanced job opportunities 	The variety PBW- 550 had been spread more than 200 villages of the district and covered 1200 ha area approximately	<ul style="list-style-type: none"> •Self employment •Increase in income •Up gradation in living standard of farmers •125 ha. Area covered & Production 51.5 q/ha.
	2013-14	Bee-Keeping	<ul style="list-style-type: none"> • Adopting technology by the Bee – Keepers • Enhanced technical knowledge • Enhanced job opportunities • Honey Production • Wax extraction 	The scientific bee keeping helps him for livelihood, empowerment and make him enthusiastic regards honey production.	<ul style="list-style-type: none"> •Self employment •Increase in income •Up gradation in living standard of farmers. •25 Bee keepers (450 boxes) 450 x 20 kg = 9000 kg honey production
		Popularization of wheat Seed production	<ul style="list-style-type: none"> • Replacement of old variety due to low yield. • Farmers fetch more revenue from seed production • Enhanced job opportunities 	The variety PBW- 550 had been spread more than 200 villages of the district and covered 1200 ha area approximately	<ul style="list-style-type: none"> •Self employment •Increase in income •Up gradation in living standard of farmers •165 ha. Area covered & Production 49 q/ha.
	2014-15	Bee-Keeping	<ul style="list-style-type: none"> • Adopting technology by the Bee – Keepers • Enhanced technical knowledge • Enhanced job opportunities • Honey Production • Wax extraction 	The scientific bee keeping helps him for livelihood, empowerment and make him enthusiastic regards honey production.	<ul style="list-style-type: none"> •Self employment •Increase in income •Up gradation in living standard of farmers. •40 Bee keepers (850 boxes) 850 x 20 kg = 17000 kg honey production
	2015-16	Bee-Keeping	<ul style="list-style-type: none"> • Adopting technology by the Bee – Keepers • Enhanced technical knowledge • Enhanced job opportunities • Honey Production • Wax extraction 	The scientific bee keeping helps him for livelihood, empowerment and make him enthusiastic regards honey production.	<ul style="list-style-type: none"> •Self employment •Increase in income •Up gradation in living standard of farmers. •60 Bee keepers (1300 boxes) 1300 x 20 kg = 26000 kg honey production

	2016-17	Bee-Keeping	<ul style="list-style-type: none"> • Adopting technology by the Bee – Keepers • Enhanced technical knowledge • Enhanced job opportunities • Honey Production • Wax extraction 	The scientific bee keeping helps him for livelihood, empowerment and make him enthusiastic regards honey production.	<ul style="list-style-type: none"> •Self employment •Increase in income •Up gradation in living standard of farmers. •75 Bee keepers (1550 boxes) 1550 x 20 kg = 31000 kg honey production
	2017-18	Bee-Keeping	<ul style="list-style-type: none"> • Adopting technology by the Bee – Keepers • Enhanced technical knowledge • Enhanced job opportunities • Honey Production • Wax extraction 	The scientific bee keeping helps him for livelihood, empowerment and make him enthusiastic regards honey production.	<ul style="list-style-type: none"> •Self employment •Increase in income •Up gradation in living standard of farmers. •90 Bee keepers (1850 boxes) 1850 x 20 kg = 37000 kg honey production
	2018-19	Bee-Keeping	<ul style="list-style-type: none"> • Adopting technology by the Bee – Keepers • Enhanced technical knowledge • Enhanced job opportunities • Honey Production • Wax extraction 	The scientific bee keeping helps him for livelihood, empowerment and make him enthusiastic regards honey production.	<ul style="list-style-type: none"> •Self employment •Increase in income •Up gradation in living standard of farmers. •100 Bee keepers (2000 boxes) 2000 x 20 kg = 40000 kg honey production

6. HUMAN RESOURCES AT KVK

Sl. No.	Staff	Sanctioned								In Position							
		2011 - 2012	2012 - 2013	2013 - 2014	2014 - 2015	2015 - 2016	2016 - 2017	2017 - 2018	2018 - 2019	2011 - 2012	2012 - 2013	2013 - 2014	2014 - 2015	2015 - 2016	2016 - 2017	2017 - 2018	2018 - 2019
1	Subject Master Specialist (SMS)	06	06	06	06	06	06	06	06	04	04	04	04	04	05	05	03
2	Technical Staff	03	03	03	03	03	03	03	03	02	02	03	03	03	03	03	02
3	Non-technical Staff	06	06	06	06	06	06	06	06	06	06	06	05	05	05	05	05
Total Staff		15	15	15	15	15	15	15	15	12	12	13	12	12	13	13	10
Reason for the vacancy which lying vacant for more than 6 months		1. Sh. Jagdish Prasad Mishra, Driver – Retired 2. Dr. P.L. Rawat, SMS/Prof. (Horticulture) - Retired 3. Sh. Ram Kishore, Village Attendant - Retired <ul style="list-style-type: none"> • Staff transferred from KVK, MBD to other KVKs by the University. 															

7. INFRASTRUCTURE AVAILABILITY AT KVK

Infrastructure/facilities	Available as per Requirement			Remarks
	Fully	Partially	Not available	
i) Building and land				
Office Building	Fully			
Laboratory		Partially		Soil testing lab establishment in Demo. Unit
Demo units/Instructional Farms	Fully			
Storage/Godown facility		Partially		
Farmers' Hostel	Fully			
Shed for Farm Equipments			Not available	
i) Furniture & equipment				
Office furniture		Partially		
Farm equipment		Partially		
Office equipment		Partially		
ICT and Internet facilities		Partially		
Availability of Vehicles		Partially		

8. FINANCIAL RESOURCES AT KVK

A. Annual Budget details (2011-2019)

Year	Amount Received (Rs. Lakhs)	Amount Utilised (Rs. Lakhs)
2011-12	88.01	64.44
2012-13	56.00	56.94
2013-14	76.86	76.35
2014-15	89.00	88.61
2015-16	92.00	88.54
2016-17	122.78	106.67
2017-18	119.19	115.40
2018-19	130.20	126.05

B. STATUS OF REVOLVING FUNDS DETAIL FOR EACH YEAR

Year	Opening balance as on 1 st April (Rs.)	Income during the year	Expenditure during the year	Closing Balance (Rs.)
2011-2012	517004.33	1536614.00	1177472.00	876146.33
2012-2013	876146.33	655085.00	768039.00	763192.33
2013-2014	763192.33	1483366.00	1929540.60* (1129540.60+800000)	317017.73
2014-2015	317017.73	1036802.00	1050996.50	302823.23
2015-2016	302823.23	776524.00	879725.50	199621.73
2016-2017	199621.73	581546.73	765570.84	15597.86
2017-2018	15597.86	1693905.00	647890.56	1061612.50
2018-2019	1061612.50	1239523.00	873112.06	1428023.44

- Rs. 8.0 lakh (Eight lakh) FDR dt. 05.03.2014

C) FINANCIAL RESOURCES GENERATED BY THE KVK APART FROM GRANTS- IN- AIDS FROM ICAR/SAU/STATE GOVERNMENT

Year	Amount generated from other sources (Rs.in Lakhs)	Sources of the Fund
2011-2012	0.04	Training Hall Rent
2012-2013	0.05	Training Hall Rent
2013-2014	0.11	Training Hall Rent
2014-2015	0.09	Training Hall Rent
2015-2016	0.09	Training Hall Rent
2016-2017	0.21	Training Hall Rent & Tender for sale
2017-2018	0.35	Training Hall Rent & Soil testing fee
2018-2019	0.49	Training Hall Rent & Soil testing fee

9. **ACHIEVEMENTS OF MANDATED ACTIVITIES BY KVK**

S.No.	Activities	Year details year wise															
		2011-12		2012-13		2013-14		2014-15		2015-16		2016-17		2017-18		2018-19	
		T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A
1	On- farm trials conducted (Number)	05	03	06	03	06	05	06	06	06	04	06	05	06	08	08	04
2	Frontline demonstrations conducted (Number)	186	116	206	98	201	172	131	119	100	110	193	196	291	266	259	224
3	Farmers trained (in lakh)	0.017	0.01511	0.0172	0.14345	0.0174	0.01626	0.0144	0.0144	0.0156	0.0128	0.0156	0.011	0.0164	0.0172	0.0172	0.0115
4	Extension Personnel trained (Number)	220	114	220	130	200	106	130	130	180	150	180	160	180	220	220	104
5	Participants in extension activities (in lakh)	0.1	0.05203	0.1	0.1929	0.1	0.24051	0.1	0.18457	0.1	0.26385	0.1	0.28694	0.2	0.0542	0.04	0.0269
6	Production of seed (in quintals)	200	505.84	200	462.73	200	559.76	200	242.43	200	356.80	200	491.65	200	424	200	497.3
7	Planting material produced (in lakh)	0.2	0.0521	0.2	-	0.2	0.0253	0.2	0.05	0.2	0.05	0.2	-	0.2	-	0.2	0.002
8	Live-stock strains and finger lings produced (in lakh)																

9	Soil, water, plant, manures samples tested (in lakh)	0.02	-	0.02	-	0.02	-	0.02	-	0.02	0.003	0.02	0.00305	0.02	0.00224	0.02	0.00206
10	Mobile agro- advisory provided to farmers (in lakh)	0.002	0.00143	0.002	0.007	0.002	0.01	0.002	-	0.002	0.00142	0.02	-	0.02	-	0.02	0.00925

Note - T - Targets

A – Achievements

10. IMPACT OF OFT CARRIED OUT BY THE KVK

Year (2011-2019)	Crops	No. of OFT carried during	Cultivable Area under Crop (in Hectare)		Productivity/Yield of the Crop (Per Hectare)	
			Before Dissemination of technology	After Dissemination of technology	Before Adoption of new technology	After Adoption of new technology
2011-12	Paddy					
	Control of <i>Stem borer</i> in paddy by <i>Cartap hydrochloride</i> 4%G in soil @ 20 Kg./ha.	01	900	17500	28q/ha.	31 q/ha.
	Wheat					
	Evaluation of high yielding varieties of wheat under late sown condition. PBW 590	01	10000	45000	36.5q/ha.	43.0 q/ha.

2012-13	Paddy					
	Management of Stem borer in paddy (Use of Fipronil 0.3% G @ 25 Kg./ha. and Cartap hydrochloride 4% G in soil @ 20 Kg/ha.)	01	45000	78000	31q/ha.	32 q/ha
	Chilli					
	Evaluation of improved variety of chilli. Variety – Pusa Sadabhar	01	1.0	2.5	58q/ha.	94 q/ha.
	Sugarcane					
	Evaluation of weedicide & tillage practice in Sugarcane CV.Cos. 88230	01	7000	15000 Hoeing in alternate rows (Tillage method)	885q/ha.	893.5 q/ha
2013-14	Paddy					
	Management of Stem borer in paddy (Use of Fipronil 0.3% G @ 25 Kg./ha. and Cartap hydrochloride 4% G in soil @ 20 Kg/ha.)	01	78000	88000	32q/ha.	38 q/ha.
	Shimla Mirch					
	Evaluation of hybrids of simla mirch. Variety - Indira	01	0	1	0	440 q/ha.
	Cauliflower					
	Evaluation of hybrids of cauliflower. Variety - Sri madhuri	01	0	1	0	430 q/ha.

	Wheat					
	Evaluation of high yielding varieties of wheat under late sown condition Variety - PBW 590	01	45000	56000	43q/ha.	44 q/ha.
	Sugarcane					
	Sugarcane with intercrop - Assessment of suitable combination of intercrop with autumn sugarcane with garlic	01	0	1	0	685.5q/ha. (Sugarcane) 115.60q/ha. Garlic
2014-15	Paddy					
	Management of Stem borer in paddy Use of Cartap hydrochloride 4%G in soil @ 20 Kg./ha.	01	88000	88500	38q/ha.	40 q/ha.
	Varietal evaluation of basmati rice PS-1509	01	315	3900	28q/ha.	34.07 q/ha.
	Evaluation of suitable fertilizer dose of paddy on soil test basis NPK (150:60:60) + 30 kg/ha.Zinc sulphate	01	7000	10000	35q/ha	38 qha.
	Wheat					
	Nutrient management on the basis on soil testing N:P:K & Zn Kg/ha 168:70:52 :25	01	2000	4000	35q/ha.	40 q/ha.
	Management of yellow rust in wheat by Propiconazole 25 EC @ 500ml/ha (Two spray)	01	0	20000	31 q/ha.	35 q/ha.

	Sugarcane with intercrop					
	Sugarcane with intercrop - Assessment of suitable combination of intercrop with autumn sugarcane with garlic	01	1	2	685.5q/ha. (Sugarcane) 115.60q/ha. Garlic	680 q/ha. (Sugarcane) 114 q/ha. Garlic
2015-16	Paddy					
	Management of Stem borer in paddy Use of Cartap hydrochloride 4%G in soil @ 20 Kg./ha.	01	88500	45000	40 q/ha.	42 q/ha.
	Wheat					
	Effect on nutrient management in wheat ZnSO ₄ 30 kg/ha. & Potash (K ₂ O) 50 Kg/ha.	01	4000	4500	40 q/ha.	44.7 q/ha.
	Wheat - Management of yellow rust in wheat by Propiconazole 25 EC @ 500ml/ha (Two spray)	01	20000	20500	35 q/ha.	37 q/ha.
	Sugarcane with intercrop					
	Sugarcane with intercrop - Assessment of suitable combination of intercrop with autumn sugarcane with garlic	01	2	3	680 q/ha. (Sugarcane) 114 q/ha. Garlic	725 q/ha. (Sugarcane) 103 q/ha. Garlic
2016-17	Paddy					
	Management of Stem borer in paddy by Chlorantraniliprole 0.4G @ 10Kg/ha. in soil	01	45000	41000	42 q/ha.	43 q/ha.
	Nutrients management on the bases of soil test in paddy. Soil test bases 158:60:52:30 N:P:K & Zn Kg/ha.	01	1000	10500	38 q/ha.	40 q/ha.

	Wheat					
	Management of yellow rust in wheat. by Propiconazole 25 EC @ 500ml/ha (Two spray)	01	20500	18000	37 q/ha.	38 q/ha.
	Wheat -Effect on nutrient management in wheat by ZnSO4 25 kg/ha	01	4000	4500	40 q/ha.	41 q/ha.
	Sugarcane with intercrop					
	Sugarcane with intercrop - Assessment of suitable combination of intercrop with autumn sugarcane with Urd	01	0	1	0	796 q/ha. (Sugarcane) 8.75 q/ha. Urd
2017-18	Paddy					
	Management of Stem borer in paddy by Chlorantraniliprole 0.4G @ 10Kg/ha. in soil	01	41000	39000	43 q/ha.	42.5 q/ha.
	To test the different dose of fertilizers against soil test basis. Soil test bases 158:60:52:25 N:P:K & Zn Kg/ha.	01	10500	11000	40 q/ha.	41 q/ha.
	Weed management in paddy by Chlorimuron + Metsulfuron 20 WP @ 20 gm/ha.	01	0	1	0	50
	Wheat					
	Evaluation of Phosphorus & MOP fertilizer on soil test basis.	01	4500	4800	41	42

	Wheat - Evaluation of higher yielding varieties of wheat under late sown condition. DBW - 90	01	5	15	35.7 q/ha.	42.5q/ha.
	Wheat - Management of yellow rust in wheat. by Propiconazole 25 EC @ 500ml/ha (Two spray)	01	18000	18500	38	37.5
	S.cane					
	Control of early shoot borer in s.cane by chlorantraniliprole 18.5 SC @ 375 ml/ha.	01	1	5	796	750
	Sugarcane with intercrop					
	Sugarcane with intercrop - Assessment of suitable combination of intercrop with autumn sugarcane with Urd	01	1	5	796 q/ha. (Sugarcane) 8.75 q/ha. Urd	750 q/ha. (Sugarcane) 9 q/ha. Urd
2018-19	Paddy					
	To test the different dose of fertilizers against soil test basis. 155:70:55:25 N:P:K & Zn Kg/ha.	01	11000	11200	41 q/ha.	42 q/ha.
	Evaluation of higher yielding varieties of paddy under rice – wheat system. PD - 26	01	10	15	48 q/ha.	56 q/ha.
	Wheat					
	Evaluation of higher yielding varieties of wheat under late sown condition. DBW 71	01	45	60	40 q/ha.	45 q/ha.

	Wheat - Evaluation of Phosphorus & MOP fertilizer on soil test basis.	01	4800	4900	42 q/ha.	42.5 q/ha.
Non-Crop Activities						
Year (2011-2019)	Type of Non – Crop Activities	No. of OFT carried during (2011-2019)	Productivity/Yield		Change in Income due to intervention of OFT	
			Before Adoption of new technology	After Adoption of new technology	Before Adoption of new technology	After Adoption of new technology
2011-12	Poultry - Enhancing socio-economic status cropping malnutrition through Backyard poultry farming	01	0	95 Adults 97 eggs	0	5726 eggs

Table 10.1 : Thematic area wise trials conducted by KVKs under OFT

Thematic area	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	Total
A) Crops									
Integrated Nutrient Management				08	05	10	10	10	43
Varietal evaluation	03	05	13	03			04	10	38
Integrated Pest Management	05	05	05	05	05	05	09		39
Integrated Crop Management			03	03	03	03	03		15
Integrated Disease Management				05	05	05	05		20
Weed management		05					05		10
Resource Conservation Technology									
Farm machines									
Post harvest technology									
Value addition									
Storage techniques									
Integrated farming system									
Drudgery reduction									
Small Scale Income Generation Enterprises									
Total	08	15	21	24	18	23	36	20	165
B) Livestock									
Disease Management									
Feed & Fodder Management									
Nutrition Management									
Mortality of buffalo calf									
Mortality of kids (goat)									
Increasing female sex ratio									
Evaluation of breeds	05								
Total	05								05
Grand Total	13	15	21	24	18	23	36	20	171

11. IMPACT OF FLD CARRIED OUT BY THE KVK IN THE DISTRICT

Year (2011-2019)	Crops	No. of FLD carried during the last five years	Cultivable Area under Crop (in Hectare)		Productivity/Yield of the Crop (Per Hectare)	
			Before Dissemination of technology	After Dissemination of technology	Before Adoption of new technology	After Adoption of new technology
2011-12	Paddy					
	Weed control through pretilachlore@1.25/lit/ha.	10	0	4.0	0	41.75q/ha.
	Promoting high yielding variety of rice Vallabh - 22	10	0	2	0	27.25q/ha.
	Promoting high yielding variety of paddy under Rice-wheat system(PS – 5)	06	0	1.2	0	29.25q/ha.
	Management of blast disease through Tricyclazole 75%	10	0	4.0	0	29.0 q/ha
	Control of Brown plant hopper through Imidacloprid 17.8 SL	10	200	400	27q/ha.	28.5q/ha.
	Wheat					
	Weed control through Pendimethaline 30% EC	10	20	40	38.25 q/ha.	41 q/ha.
	Promoting high yielding variety of wheat PBW - 550	10	10	25	36 q/ha.	40 q/ha.
	Promotion of wheat variety under late sown condition (WH – 1021)	10	0	1.0	0	42.5 q/ha.
	Potato					
	Control of late blight disease in Potato mencozeb 75 WP 1.5 Kg	10	100	150	258 q/ha.	288 q/ha.
	Mentha					
	Spraying of quinalphos 2.0 lit/ha. and monocrotophos 1.5 lit/ha. to control caterpillars in Mentha	10	10	25	129 kg/ha.	141 kg/ha.

2012-13	Paddy					
	To demonstrate the yield potential of high yielding variety of paddy HKR - 48	10	0	2.0	0	46.81 q/ha.
	Varietal demonstration under Rice-wheat system PD 18	06	0	1.2	0	41.25 q/ha.
	Management of blast disease through Tricyclazole 75% (PHB -71)	10	4.0	10.0	29 q/ha.	62 q/ha.
	Control of Brown plant hopper through Imidacloprid 17.8 SL	10	400	600	28.5 q/ha.	30 q/ha.
	Potato					
	Weed control through Metribugin 70 w.g. Kufri Chipsona - 1	05	140	350	270 q/ha.	310 q/ha.
	Control of late blight disease in Potato through mencozeb 75 WP	10	150	350	288 q/ha.	336 q/ha.
	Bottle guard					
	Promoting HYV of Bottle guard (Narendra Dharidar-2)	05	0	0.1	0	240 q/ha.
	Chilli					
	Promoting HYV of Chilli. Shikha	05	0	0.75	0	176.5 q/ha.
	Sugarcane					
	Promoting intercropping technique with poplar COS-96269	02	0	1.6	0	575 q/ha.
	Mentha					
	Spraying of quinalphos 2.0 lit/ha. and monocrotophos 1.5 lit/ha. To control caterpillars in Mentha	10	25	65	141 Kg/ha.	141 Kg/ha.

2013-14	Pulses (Urd)					
	ICM through improved seed, weed & insect management Azad urd -2	10	0	4	0	11.13 q/ha.
	Oil seed (Mustard)					
	ICM through improved seed, sulphur application , weedicide & disease management Pusa jaganath	10	0	4	0	20.37 q/ha.
	Paddy					
	Weed control through Pretilaclave 50 EC @ 1.25lit/ha. NDR-359	10	4	150	41.75 q/ha.	56 q/ha.
	To demonstrate the yield potential of high yielding variety of paddy HKR - 127	10	0	2	0	53 q/ha.
	Varietal demonstration under Rice-wheat system PD 18	06	1.2	350	41.25 q/ha	42 q/ha.
	Management of blast disease through Tricyclazole 75% (PHB -71)	10	10	30	62 q/ha.	55 q/ha.
	Control of Brown plant hopper through Imidacloprid 17.8 SL	10	600	700	30 q/ha.	32 q/ha.
	Wheat					
	To demonstrate the INM in wheat crop HD-2967	10	0	4	0	36 q/ha.
	Promoting high yielding variety of wheat PBW - 550	10	25	250	40 q/ha.	41 q/ha.

	Promotion of wheat variety under late sown condition (WH – 1021)	10	1.0	200	42.5 q/ha.	40 q/ha.
	Sugarcane					
	Control of top borer in sugarcane through carbofuran 3CG @ 30 Kg/ha. MH0265	10	200	400	710 q/ha.	780 q/ha.
	Bottle guard					
	Promoting HYV of Bottle guard (Shipra)	10	0	0.5	0	315 q/ha.
	Chilli.					
	Promoting HYV of Chilli. (F1-614)	10	0	0.75	0	167 q/ha.
	Mentha					
	Spraying of quinalphos 2.0 lit/ha. and monocrotophos 1.5 lit/ha. To control caterpillars in Mentha	05	65	190	141	140
2014-15	Pulses (Urd)					
	ICM through improved seed, weed & insect management Ultra	10	0	4	0	10 q/ha.
	Oil seed (Mustard)					
	ICM through improved seed, sulphur application , weedicide & disease management Pusa Ashirwad	12	0	4	0	20.25 q/ha.
	Paddy					
	Weed control through Vishpari bac (Novino gold) 10 EC @ 200 ml/ha.	06	150	360	56 q/ha.	35q/ha.
	Use of Zinc sulphate in paddy crop (PHB – 71)	05	0	2	0	62.0 q/ha.
	Nutrient mangement through Zinc sulphate - 33%, FeSo4 & Urea	10	0	4	0	36q/ha.

	To demonstrate the yield potential of high yielding variety of paddy HKR - 127	10	2	10	53q/ha.	55.47q/ha.
	Varietal demonstration under Rice-wheat system PD 18	06	350	400	42q/ha.	46q/ha.
	Management of blast disease through Tricyclazole 75% (PB -1509)	10	30	220	55 q/ha.	36 q/ha.
	Control of Brown plant hopper through Imidacloprid 17.8 SL (PHB -71)	10	700	235	32 q/ha.	35 q/ha.
	Wheat					
	Use of zinc sulphate in wheat crop under rice-wheat cropping system HD – 2967 (Timely sown)	10	4	225	36 q/ha.	35.68 q/ha.
	To demonstrate the INM in wheat crop by zinc sulphate & MOP (DBW -16)	08	0	3.2	0	35q/ha.
	To demonstrate the INM in wheat crop by potash & Zinc sulphate	08	0	3.2	0	38 q/ha.
	Bottle guard					
	Demonstrate of hybrids bottle guard in machan system (Sarita)	05	0	0.75	0	315q/ha.
	Sponge guard					
	Demonstrate of hybrids sponge guard in machan system. (Alok)	08	0	0.75	0	323q/ha.
	Mentha					
	Control of leaf eating caterpillars through Quinalphos 25 EC @ 2.0 lit/hac. & Monocrotophos 36 SL @ 1.5 lit/hac. as I and II spray respectively (Variety – Kosi)	03	190	250	140 kg/ha.	122 kg/ha.

2015-16	Pulses (Urd)					
	ICM through improved seed, weed & insect management PU - 40	10	0	4	0	10.15 q/ha.
	Oil seed (Mustard)					
	ICM through improved seed, sulphur application , weedicide & disease management Pusa Ashirwad	10	0	4	0	21.80 q/ha.
	Paddy					
	Weed control through Vishpary bac (Novino gold) 10 EC @ 200 ml/ha. (PHB – 71)	12	360	240	35q/ha.	38q/ha.
	Control of blast disease through Avtar (Hexaconazole 4% + Zineb 68% (Two spray)	10	220	240	36 q/ha.	40 q/ha.
	Control of Brown plant hopper through Imidacloprid 17.8 SL (PHB – 71)	10	335	125	35 q/ha.	41 q/ha.
	Wheat					
	Use of Sulfa-Sulfuroan 75WP (HD – 2967)	15	0	6	0	45q/ha.
	Use of zinc sulphate in wheat crop under rice- wheat cropping system	15	225	120	35.68q/ha.	37q/ha.
	To demonstrate the INM in wheat crop potash & Zinc sulphate	10	3.2	25	38 q/ha.	39 q/ha.
	Sugarcane					
	Control of top borer in sugarcane through carbofuran 3CG @ 30 Kg/ha.	10	0	4	0	802 q/ha.
	Nutrient management through Zinc sulphate - 30kg/ha & FeSo4 - 20kg/ha.	10	3.2	25	38q/ha.	39q/ha.

	Mentha					
	Control of leaf eating caterpillars through Quinalphos 25 EC @ 2.0 lit/hac. & Monocrotophos 36 SL @ 1.5 lit/hac. as I and II spray respectively	03	250	270	122 kg/ha.	123 kg/ha.
2016-17	Pulses (Urd) under NFSM					
	ICM through improved seed, weed & insect management PU - 31	25	0	10	0	8.2q/ha.
	Lentil					
	ICM through improved seed, weed & insect management PL - 8	40	0	16	0	10q/ha.
	Oil seed (Mustard)					
	ICM through improved seed, sulphur application, weedicide & disease management RGN - 73	06	0	2.4	0	21.5q/ha.
	Paddy					
	Weed control through Bispyribac sodium 10 EC @ 200 ml/ha. (PHB – 71)	15	240	250	38q/ha.	40q/ha.
	Management through ZnSo4 (25 Kg/ha.) + FeSo4 (15 kg/ha) as basal dose (PB 1509)	10	0	4	0	35q/ha.
	Use of water soluble fertilizer 18:18:18 NPK @ 12.5 Kg/ha. (Three spray)	10	0	4	0	36q/ha.
	Control of blast disease through Hexaconazole 4% + Zineb 68% (Two spray) (PHB – 71)	10	240	101	40q/ha.	45q/ha.

	Wheat					
	Use of Sulfo-Sulfuron 75WP @ 33 gm/ha. (HD - 2967)	15	6	55	45q/ha.	44q/ha.
	Use of zinc sulphate in wheat crop under rice-wheat cropping system (CVW-38)	15	0	6	0	40 q/ha.
	Use of water soluble fertilizers in wheat crop 18:18:18 NPK @ 12.5 Kg/ha CVW - 38	10	0	4	0	41q/ha.
	Urd					
	Control of Mosaic disease through Imidacloprid 17.8 SL @ 250 ml/ha. (Two spray) (Alankar)	10	0	4	0	10.5q/ha.
	Sugarcane					
	Nutrient mangement through Zinc sulphate - 25kg/ha & FeSo4 - 20kg/ha.	10	6	20	880q/ha.	888q/ha.
	Use of water soluble fertilizer 18:18:18 NPK @ 13.75 Kg/ha. (C0S-0238)	10	0	4	0	897q/ha.
	Mentha					
	Control of leaf eating cateroillars through Quinalphos 25 EC @ 2.0 lit/hac. & Monocrotophos 36 SL @ 1.5 lit/hac. as I and II spray respectively	10	270	310	123kg/ha.	120 kg/ha.

2017-18	Pulses (Urd) under NFSM					
	ICM through improved seed, weed & insect management PU - 31	50	10	45	8.2q/ha.	8.6q/ha.
	Lentil					
	ICM through improved seed, weed & insect management PL - 8	50	16	55	10q/ha.	10.17q/ha.
	Moong					
	ICM through improved seed, weed & insect management IPM 2-3	25	0	10	0	5.6q/ha.
	Oil seed (Mustard)					
	ICM through improved seed, sulphur application , weedicide & disease management RGN - 48	26	2.4	28	21.5q/ha.	21q/ha.
	Paddy					
	Weed control through Pyrazosulfuron 10 WP @ 365 gm/ha.(PHB – 71)	15	0	6	0	55q/ha.
	Micro-nutrient management through ZnSo4 (25 Kg/ha.) +) FeSo4 (20 kg/ha) as basal dose (PB 1509)	10	4	25	35q/ha.	34q/ha.
	Use of water soluble fertilizer 18:18:18 NPK @ 12.5 Kg/ha. (Three spray) (PB 1509)	15	4	20	36 q/ha.	35 q/ha.
	Control of blast disease through Hexaconazole 4% + Zineb 68% (Two spray) PHB - 71	10	101	250	45q/ha.	48q/ha.

	Control of Brown plant hopper in paddy through Buprofezin 25 SC (Two Spray) @ 1 lit/ha. (PHB -71)	10	0	10	0	56q/ha.
	Wheat					
	Use of Sulfo-Sulfuron 75WP @ 33 gm/ha. HD - 2967	15	55	75	44q/ha.	45 q/ha.
	Use of water soluble fertilizers in wheat crop 18:18:18 NPK @ 12.5 Kg/ha HD - 2967	15	4	25	41 q/ha.	40 q/ha.
	Demonstrate the yield potential of new variety (DPW – 621-50)	5	0	1.0	0	50q/ha.
	Demonstrate the yield potential of wheat variety under late sown condition. (PBW -590)	5	0	1.0	0	42.7q/ha.
	Potato					
	Treated tubers and Ridge method sowing.	5	0	2	0	430q/ha.
	Mentha					
	Control of leaf eating caterpillars through Emamectin Benzoate 5SG @ 250gm/ha. (Two spray) (Kosi)	10	0	104	0	130.75 kg/ha.
2018-19	Pulses (Urd) under NFSM					
	ICM through improved seed, weed & insect management PU - 31	50	45	225	8.6q/ha.	8.6q/ha.
	Lentil					
	ICM through improved seed, weed & insect management PL - 8	50	55	85	10.17q/ha.	11.5q/ha.

	Oil seed (Mustard)					
	ICM through improved seed, sulphur application , weedicide & disease management RH - 749	50	28	65	21q/ha.	22q/ha.
	Paddy					
	Use of water soluble fertilizer 18:18:18 NPK @ 12.5 Kg/ha. (Three spray) (PB 1509)	15	20	25	35q/ha.	37q/ha.
	Demonstrate the yield potential of HYV of paddy (PD – 24)	5	0	2	0	56q/ha.
	Demonstrate the yield potential of Basmati rice under Rice-wheat system of cultivation (Pant Basmati – 2)	5	0	2	0	44q/ha.
	Wheat					
	Use of Sulfo-Sulfuron 75WP @ 33 gm/ha. (HD – 2967)	10	75	125	45q/ha.	44q/ha.
	Use of water soluble fertilizers in wheat crop 18:18:18 NPK @ 12.5 Kg/ha (HD – 2967)	15	25	35	40q/ha.	42q/ha.
	Demonstrate the yield potential of new variety (HD – 2864)	10	0	2	0	46q/ha.
	Demonstrate the yield potential of wheat variety under late sown condition. (WR -544)	10	0	2	0	44q/ha.
	Poplar					
	Fast & improved clone of poplar (G -48)	4	0	0.4	0	continue

Non-Crop Activities						
Year (2011-2019)	Type of Non – Crop Activities	No. of FLD carried during the last five years	Productivity/Yield		Change in Income due to intervention of OFT	
			Before Adoption of new technology	After Adoption of new technology	Before Adoption of new technology	After Adoption of new technology
2011-12	Use of Mesti-out kit in milking animals	05	10	30	1400 (8 lit per animal/day Rs 20 /day)	4800 (8 lit per animal/day Rs 20 /day)
	Use of Agrimin- forte feed supplement in milking animals	05	1000	2700	130000 (6.5 lit per animal/day/Rs. 20 lit. Milk)	405008 (7.5 lit per animal/day/Rs. 20 lit. Milk)
	Deworming for improving milk productivity in milch buffaloes	05	2000	3500	300000 (7.5 lit per animal/day/Rs. 20 lit. Milk)	560000 (8.0 lit per animal/day/Rs. 20 lit. Milk)
	Use of Bio Feed supplement in milch buffaloes	05	0	30	0	5100 (8.5 lit per animal/day/Rs. 20 lit. Milk)
2012-13	Use of Mesti-out kit in milking animals	05	30	55	4800 (8 lit per animal/day Rs 20 /day)	8800 (8 lit per animal/day Rs 20 /day)
	Use of Agrimin- forte feed supplement in milking animals	05	2700	4200	400500 (6.5 lit per animal/day/Rs. 20 lit. Milk)	630000 (7.5 lit per animal/day/Rs. 20 lit. Milk)
	Deworming for improving milk productivity in milch buffaloes	05	3500	4000	560000 (7.5 lit per animal/day/Rs. 20 lit. Milk)	640000 (8.0 lit per animal/day/Rs. 20 lit. Milk)
	Use of Bio Feed supplement in milch buffaloes	05	30	60	5100 (8.5 lit per animal/day/Rs. 20 lit. Milk)	10200 (8.5 lit per animal/day/Rs. 20 lit. Milk)

2013-14	Use of Mesti-out kit in milking animals	05	55	85	8800 (8 lit per animal/day Rs 20 /day)	17000 (8 lit per animal/day Rs 20 /day)
	Use of Agrimin- forte feed supplement in milking animals	05	4200	4400	630000 (6.5 lit per animal/day/Rs. 20 lit. Milk)	825000 (7.5 lit per animal/day/Rs. 20 lit. Milk)
	Deworming for improving milk productivity in milch buffaloes	05	4000	4500	640000 (7.5 lit per animal/day/Rs. 20 lit. Milk)	900000 (8.0 lit per animal/day/Rs. 20 lit. Milk)
	Use of Bio Feed supplement in milch buffaloes	05	60	85	10200 (8.5 lit per animal/day/Rs. 20 lit. Milk)	18062 (8.5 lit per animal/day/Rs. 20 lit. Milk)

Table 11.1 : Frontline demonstration conducted by KVKs during 2011-12 to 2018-19

Year	Pulses		Oilseeds		Other		Total	
	Demon.	Area (ha)	Demon.	Area (ha)	Demon.	Area (ha)	Demon.	Area (ha)
2011-12	-	-	-	-	96 & 20	29.2	116	29.2
2012-13	-	-	-	-	78 & 20	25.95	98	25.95
2013-14	10	4.0	10	4.0	117 & 35	30.25	172	38.25
2014-15	10	4.0	12	4.0	99	33.15	121	41.15
2015-16	10	4.0	10	4.0	100	40.0	120	48.0
2016-17	65	26.0	06	2.4	125	50.0	196	78.40
2017-18	100	40	26	10.4	140	44.0	266	74.41
2018-19	100	40	50	20.0	74	24.40	224	84.40
Total	295	118	114	44.8	904	276.95	1313	439.75

12. TECHNOLOGY DISSEMINATION BY KVKs

Year	No. of OFT Converted in to FLDs	No. of Technological inputs the OFT conveyed to Research institution	Remarks
2011-12	-	02	
2012-13	-	03	
2013-14	-	03	
2014-15	-	05	
2015-16	-	04	
2016-17	01	05	
2017-18	01	07	
2018-19	01	04	

13. MECHANIZATION OF AGRICULTURE & ALLIED ACTIVITIES BY KVK

Year	No. of instruments / equipments developed/displayed	No. of Farmers adopted these machineries / equipments	Remarks
2011-12	01	30	Seed drill
2012-13	01	65	Seed drill
2013-14	01	73	Seed drill
2014-15	01	85	Seed drill
2015-16	01	112	Seed drill
2016-17	01	135	Seed drill
2017-18	01	295	Seed drill
2018-19	05	37	CRM Demonstration

14. PRODUCTION AND SALE OF PRODUCTS BY KVK

Sl. No.	Products	Production Value (Rs.)								Revenue Generated from Sale (Rs.)							
		2011 - 2012	2012 - 2013	2013 - 2014	2014 - 2015	2015 - 2016	2016 - 2017	2017 - 2018	2018 - 2019	2011 - 2012	2012 - 2013	2013 - 2014	2014 - 2015	2015 - 2016	2016 - 2017	2017 - 2018	2018 - 2019
1	Seeds	529439	575566	715101	642069	622258	748386	507607	779239	885914	1105385	933371	655318	1008602	1088150	1067200	-
2	Fertilizers																
3	Bio-fertilizers																
4	Bio-Products																
5	Saplings (Poplar)	35150	-	22526	46839	-	-	-	-	78150	-	48070	-				
6	Value Added Products																
7	Livestock																
8	Fingerlings																
9	Poultry																
10	Horticulture items																
11	Tool and implements																
12	Others (Please specify)																

15. SOIL ANALYSIS

Year	No. of Soil Sample analysis	Soil Health Card distributed	Any other (Please specify) Amount realized (Rs)
2011-12	-	-	-
2012-13	-	-	-
2013-14	-	-	-
2014-15	-	-	-
2015-16	300	300	-
2016-17	43	305	-
2017-18	224	224	24200
2018-19	206	206	36200
Total	773	1035	60400

16. IMPACT OF KVK IN THE DISTRICT

The socio-economic impact of 5 best technologies disseminated by KVK in terms of areas expansion, employment generation resource and income generation.

Name of the Technology	Impact of technology during QRT Period						
	Horizontal Spread (ha/No.)	Additional Employment Generation (per ha)(Mandays)	Employment generate in the district (Col 2 X Col 3)	Productivity improvement (Qtl/ha, lit/per year, eggs/bird, etc.) over FP	Additional Production (Qtl/No.) (Col 2 X Col 5)	Additional Income generation(Rs) (Col 6 X unit price in Rs)	Changes in other parameters in the district
1	2	3	4	5	6	7	8
Intercropping in Mustard with Sugarcane	4650 ha.	24 Mandays	111600	12q/ha.	55800	1869300	Inter crop with S.cane is more profitable as compare to sole crop.

Bee Keeping	100 bee keepers (20 box/beekeeper = 2000)	100 Mandays	10,000	20 kg/box	40,000	3200000	Additional income by Bee Keeping increase pollination in Mustard crop.
Vermi compost unit	80 Farmers (320 Unit)	01 Mandays per/ 15 bed (3X12' feet)	22	3q/bed	960q	960,000 (960 x @ 1000q)	Additional income & increase in chemical, physical, microbial activities in the soil
Control of stem borer in paddy	8500 ha.	05 Mandays/ha.	42500	2.42	20644	36127000	Use of <i>Cartap hydrochloride</i> 4%G in soil @ 20 Kg./ha.
Weed mgt in Wheat	12000 ha.	05 Mandays/ha.	60,000	3.34	40080	71542800	Use of Sulfo- Sulfuron 75WP @ 33 gm/ha.

17. TRAINING PROGRAMMES

Table- 17.1. Details of Training Programmes organized by the KVK for farmers during 2011-12 to 2018-19

FARMERS TRAINING

Year	S.no	Area of training	No. of Courses	No. of Participants							
				General		SC		ST		Others	
				Male	Female	Male	Female	Male	Female	Male	Female
2011-12	1	Crop Production	04	30	-	10	-	-	-	40	-
	2	Horticulture	07	50	01	13	-	-	-	77	-
	3	Agro Forestry	09	73	01	22	-	-	-	100	-
	4	Plant Breeding	15	17	-	83	-	-	-	200	-
	5	Plant protection	16	26	-	74	-	-	-	220	-
	6	Livestock production & Management	16	19	-	52	-	-	-	250	-
2012-13	1	Crop Production	11	28	10	30	02	-	-	150	-
	2	Horticulture	09	19	-	21	-	-	-	140	-
	3	Agro Forestry	07	09	-	13	-	-	-	20	-
	4	Plant Breeding	16	45	-	45	-	-	-	230	-
	5	Plant protection	16	67	-	43	-	-	-	210	-
	6	Livestock production & Management	12	64	-	36	-	-	-	140	-
2013-14	1	Crop Production	14	57	-	43	-	-	-	180	-
	2	Horticulture	10	58	-	15	-	-	-	130	-
	3	Agro Forestry	08	53	02	07	-	-	-	100	-
	4	Plant Breeding	16	53	-	67	-	-	-	200	-
	5	Plant protection	16	61	-	59	-	-	-	200	-
	6	Livestock production & Management	12	66	-	24	-	-	-	150	-

2014-15	1	Crop Production	16	74	-	46	-	-	-	200	-
	2	Horticulture	04	20	-	-	-	-	-	60	-
	3	Agro Forestry	01	02	-	04	-	-	-	14	-
	4	Plant Breeding	15	83	-	27	-	-	-	190	-
	5	Plant protection	15	51	-	69	-	-	-	180	-
	6	Soil Science	17	67	-	83	-	-	-	190	-
2015-16	1	Crop Production	16	67	-	53	-	-	-	200	-
	2	Agro Forestry	02	10	-	05	-	-	-	25	-
	3	Plant Breeding	06	20	-	-	-	-	-	100	-
	4	Plant protection	15	81	-	29	-	-	-	190	-
	5	Soil Science	21	93	-	46	-	-	-	281	-
2016-17	1	Crop Production	18	32	-	48	-	-	-	280	-
	2	Agro Forestry	01	04	-	02	-	-	-	14	-
	3	Plant protection	15	59	-	41	-	-	-	200	-
	4	Soil Science	19	42	-	38	-	-	-	300	-
2017-18	1	Crop Production	22	75	-	165	-	-	-	200	-
	2	Horticulture	10	61	-	39	-	-	-	100	-
	3	Agro Forestry	02	07	-	03	-	-	-	30	-
	4	Plant Breeding	12	22	-	18	-	-	-	200	-
	5	Plant protection	16	69	-	51	-	-	-	200	-
	6	Soil Science	21	99	-	41	-	-	-	280	-
	7	Agri. Extension	03	20	-	10	-	-	-	30	-

2018-19	1	Horticulture	06	44	-	16	-	-	-	60	-
	2	Agro Forestry	14	71	-	19	-	-	-	190	-
	3	Soil Science	16	79	-	61	-	-	-	180	-
	4	Plant protection	03	17	-	03	-	-	-	40	-
	5	Plant Breeding	15	59	-	51	-	-	-	190	-

Table- 17.2. Training Programmes organized by the KVK for Rural youth during 2011-12 to 2018-19

Year	S.no	Category (RY/Women)	Area of training	No. of Courses	No. of Participants							
					General		SC		ST		Others	
					Male	Female	Male	Female	Male	Female	Male	Female
2011-12	1	Rural youth	Mushroom production	01	03	-	-	-	-	-	07	-
	2	RY and Women	Bee Keeping	01	05	01	-	-	-	-	04	-
	3	Rural youth	Seed Production	03	12	-	08	-	-	-	30	-
	4	Rural youth	Dairying	01	08	-	02	-	-	-	10	-
	5	Rural youth	Poultry production	01	02	-	03	-	-	-	05	-
2012-13	1	Rural youth	Bee Keeping	02	08	-	02	-	-	-	10	-
	2	Rural youth	Seed Production	02	04	-	06	-	-	-	10	-
	3	Rural youth	Dairying	01	03	-	03	-	-	-	04	-
	4	Rural youth	Poultry production	01	04	-	03	-	-	-	03	-
2013-14	1	Rural youth	Vermi composting	01	04	-	01	-	-	-	05	-
	2	Rural youth	Press mud composting	01	03	-	02	-	-	-	05	-
	3	Rural youth	Bee Keeping	02	10	-	02	-	-	-	08	-
	4	Rural youth	Seed Production	02	05	-	-	-	-	-	15	-
	5	Rural youth	Commercial spices production	01	06	-	-	-	-	-	05	-
	6	Women	Sheep and goat rearing	01	-	05	-	05	-	-	-	10
	7	Rural youth	Poultry production	01	02	-	-	-	-	-	08	-

2014-15	1	Rural youth	Production of organic inputs	02	08	-	02	-	-	-	10	-
	2	Rural youth	Vermi composting	02	07	-	03	-	-	-	10	-
	3	Rural youth	Bee Keeping	02	08	-	02	-	-	-	10	-
	4	Rural youth	Seed Production	02	05	-	-	-	-	-	15	-
2015-16	1	Rural youth	Vermi composting	03	08	-	02	-	-	-	20	-
	2	Rural youth	Press mud composting	02	08	-	04	-	-	-	08	-
	3	Rural youth	Bee Keeping	02	08	-	-	-	-	-	12	-
	4	Rural youth	Seed Production	01	02	-	02	-	-	-	06	-
2016-17	1	Rural youth	Vermi composting	02	07	-	02	-	-	-	11	-
	2	Rural youth	Bee Keeping	02	08	-	-	-	-	-	12	-
2017-18	1	Rural youth	Production of organic inputs	02	02	-	04	-	-	-	14	-
	2	Rural youth and Women	Bee Keeping	02	07	01	03	-	-	-	09	-
	3	Rural youth	Seed Production	02	07	-	02	-	-	-	11	-
2018-19	1	Rural youth	Vermi composting	02	11	-	02	-	-	-	07	-
	2	Rural youth	Seed Production	03	06	-	06	-	-	-	18	-
	3	Rural youth	Planting Materials	02	09	-	01	-	-	-	10	-

Table-17.3. Details of Training Programmes organized by the KVK for extension personnel during 2011-12 to 2018-19

Year	S.no	Area of training	No. of Courses	No. of Participants							
				General		SC		ST		Others	
				Male	Female	Male	Female	Male	Female	Male	Female
2011-12	1	Productivity enhancement in field crops	02	14	-	06	-	-	-	20	-
	2	Integrated Pest Management	03	19	-	11	-	-	-	30	-
	3	Management in farm animals	01	03	-	01	-	-	-	10	-
2012-13	1	Productivity enhancement in field crops	03	17	-	03	-	-	-	40	-
	2	Integrated Pest Management	02	11	-	03	-	-	-	20	-

	3	Livestock feed and fodder production	02	14	-	06	-	-	-	20	-
2013-14	1	Productivity enhancement in field crops	04	19	-	01	-	-	-	40	-
	2	Integrated Pest Management	03	17	-	09	-	-	-	30	-
	3	Disease Management of farm animals	01	02	-	-	-	-	-	08	-
2014-15	1	Production and use of organic inputs	01	02	-	02	-	-	-	06	-
	2	INM	05	13	-	07	-	-	-	30	-
	3	Productivity enhancement in field crops	04	15	-	05	-	-	-	20	-
	4	IPM	03	06	-	04	-	-	-	20	-
2015-16	1	INM	06	10	-	10	-	-	-	40	-
	2	Production and use of organic inputs	03	04	-	08	-	-	-	18	-
	3	Productivity enhancement in field crops	03	06	-	06	-	-	-	18	-
	4	IPM	03	12	-	01	-	-	-	17	-
2016-17	1	Production and use of organic inputs	04	11	-	12	-	-	-	17	-
	2	INM	07	18	-	12	-	-	-	40	-
	3	Productivity enhancement in field crops	02	07	-	04	-	-	-	09	-
	4	IPM	03	18	-	04	-	-	-	08	-
2017-18	1	INM	09	26	-	14	-	-	-	50	-
	2	Production and use of organic inputs	04	15	-	05	-	-	-	20	-
	3	IPM	08	17	-	23	-	-	-	40	-
	4	Seed Production	01	05	-	02	-	-	-	03	-
2018-19	1	INM	03	18	-	06	-	-	-	06	-
	2	Production and use of organic inputs	02	07	-	04	-	-	-	09	-
	3	IPM	01	03	-	04	-	-	-	03	-
	4	Seed Production	08	40	-	10	-	-	-	30	-
	5	Nursery Management	03	04	-	06	-	-	-	20	-

Table-17.4. Details of Sponsored training programme organized by the KVK during 2011-12 to 2018-19

Year	S.no	Area of training	No. of Courses	No. of Participants							
				General		SC		ST		Others	
				Male	Female	Male	Female	Male	Female	Male	Female
2011-12	1	Scaling up of water productivity for livelihood in Agriculture : Training of Trainers	01	24	-	06	-	-	-	20	-
	2	Exposure Visit	01	12	-	08	-	-	-	30	-
2012-13	1	Farmers Technical Training (FTT)	03	70	-	22	-	-	-	58	-
	2	Exposure Visit	03	40	-	12	-	-	-	100	-
2013-14	1	Commercial production of vegetables & Fruits	06	30	-	30	-	-	-	90	-
	2	Vermi composting	01	10	-	10	-	-	-	10	-
	3	Goat rearing	01	-	10	-	10	-	-	-	-
	4	Bee-keeping	02	10	-	02	-	-	-	08	-
	5	Poultry farming	1	10	-	-	-	-	-	-	-
	6	Farmers Technical Training (FTT)	05	140	-	50	-	-	-	60	-
	7	Exposure Visit	07	76	-	74	-	-	-	200	-
2014-15	1	Farmers Technical Training (FTT)	02	40	-	31	-	-	-	29	-
	2	Exposure Visit	01	20	-	15	-	-	-	15	-
2015-16	1	Farmers Technical Training (FTT)	03	27	-	23	-	-	-	100	-
	2	Exposure Visit	05	60	-	70	-	-	-	120	-
2016-17	1	Farmers Technical Training (FTT)	04	50	-	102	-	-	-	48	-
	2	Exposure Visit	01	30	-	-	-	-	-	20	-
2017-18	1	Farmers Technical Training (FTT)	02	40	-	13	-	-	-	47	-
2018-19	1	Farmers Technical Training (FTT)	01	29	-	11	-	-	-	10	-

Table-17.5. Details of Skill training programme organized by the KVK during 2011-12 to 2018-19

Year	S.no	Area of training	No. of Courses	No. of Participants							
				General		SC		ST		Others	
				Male	Female	Male	Female	Male	Female	Male	Female
2011-12	1	Mushroom production	01	03	-	-	-	-	-	07	-
	2	Bee Keeping	01	05	01	-	-	-	-	04	-
	3	Seed Production	03	12	-	08	-	-	-	30	-
2012-13	1	Bee Keeping	02	08	-	02	-	-	-	10	-
	2	Seed Production	02	04	-	06	-	-	-	10	-
	3	Dairying	01	03	-	03	-	-	-	04	-
	4	Poultry production	01	04	-	03	-	-	-	03	-
2013-14	1	Vermi composting	01	04	-	01	-	-	-	05	-
	2	Bee Keeping	02	10	-	02	-	-	-	08	-
	3	Seed Production	02	05	-	-	-	-	-	15	-
	4	Commercial spices production	01	06	-	-	-	-	-	05	-
	5	Sheep and goat rearing	01	-	05	-	05	-	-	-	10
	6	Poultry production	01	02	-	-	-	-	-	08	-
2014-15	1	Vermi composting	02	07	-	03	-	-	-	10	-
	2	Bee Keeping	02	08	-	02	-	-	-	10	-
	3	Seed Production	02	05	-	-	-	-	-	15	-
2015-16	1	Vermi composting	03	08	-	02	-	-	-	20	-
	2	Bee Keeping	02	08	-	-	-	-	-	12	-
	3	Seed Production	01	02	-	02	-	-	-	06	-
2016-17	1	Vermi composting	02	07	-	02	-	-	-	11	-
	2	Bee Keeping	02	08	-	-	-	-	-	12	-

2017-18	1	Bee Keeping	02	07	01	03	-	-	-	09	-
	2	Seed Production	02	07	-	02	-	-	-	11	-
2018-19	1	Vermi composting	02	11	-	02	-	-	-	07	-
	2	Seed Production	03	06	-	06	-	-	-	18	-
	3	Planting Materials production	02	09	-	01	-	-	-	10	-

Table-17.6. Details of Entrepreneurial Training by KVK and enterprises established after training by the KVK during 2011-12 to 2018-19

Year	S.no	Area of training	No. of Courses	No. of Participants								Name of enterprises established after training
				General		SC		ST		Other		
				Male	Female	Male	Female	Male	Female	Male	Female	
2011-12	1	Mushroom production	01	07	-	-	-	-	-	03	-	Mushroom production unit
	2	Bee Keeping	01	05	01	-	-	-	-	04	-	Bee Keeping unit
	3	Seed Production	03	12	-	08	-	-	-	30	-	Seed production own level
2012-13	1	Bee Keeping	02	08	-	02	-	-	-	10	-	Bee Keeping unit
	2	Seed Production	02	04	-	06	-	-	-	10	-	Seed production own level
2013-14	1	Vermi composting	01	04	-	01	-	-	-	05	-	Vermi compost unit
	2	Bee Keeping	02	10	-	02	-	-	-	08	-	Bee Keeping unit
	3	Seed Production	02	05	-	-	-	-	-	15	-	Seed production own level

2014-15	1	Vermi composting	02	07	-	03	-	-	-	10	-	Vermi compost unit
	2	Bee Keeping	02	08	-	02	-	-	-	10	-	03 farmer adopted Bee farming
	3	Seed Production	02	05	-	-	-	-	-	15	-	Seed production own level
2015-16	1	Vermi composting	03	08	-	02	-	-	-	20	-	Vermi compost unit
	2	Bee Keeping	02	08	-	-	-	-	-	12	-	01 farmer adopted Bee farming
	3	Seed Production	01	02	-	02	-	-	-	06	-	Seed production own level
2016-17	1	Vermi composting	02	07	-	02	-	-	-	11	-	Vermi compost unit
	2	Bee Keeping	02	08	-	-	-	-	-	12	-	01 farmer adopted Bee farming
2017-18	1	Bee Keeping	02	07	01	03	-	-	-	09	-	Bee Keeping unit
	2	Seed Production	02	07	-	02	-	-	-	11	-	Seed production own level
2018-19	1	Vermi composting	02	11	-	02	-	-	-	07	-	Vermi compost unit
	2	Seed Production	03	06	-	06	-	-	-	18	-	Seed production own level

18. EXTENSION ACTIVITIES

Table- 18.1 . Other extension activities organized by KVK during 2011-12 to 2018-19

S. No	Activity	2011-12		2012-13		2013-14		2014-15		2015-16		2016-17		2017-18		2018-19		Total	
1	Field Days	9	265	7	237	6	152	10	394	9	230	11	377	5	129	3	60	60	1834
2	Agril. Exhibition																		
3	Farmers' Fairs	1	408	1	457	6	3647	8	8665	20	6434	10	15278	1	830	1	440	48	36159
4	Radio Talk	10	Mass	7	Mass	4	Mass	2	Mass	4	Mass	4	Mass	7	Mass	3	Mass	41	Mass
5	TV show	11	Mass	2	Mass	-	-	-	-	4	Mass	-	-	3	Mass	1	Mass	21	Mass
6	Film show	52	1100	60	1120	62	1145	45	1145	42	1036	15	1020	38	1560	8	Mass	322	8126
7	Training materials produced	-	-	-	-	12	Mass	12	Mass	9	Mass	2	Mass	7	Mass	3	Mass	45	Mass
8	Farm Science Club organized	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Mahila Mandals organized	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Extension Training meetings organized	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	Any other																		
	Advisory Services	374	1120	580	11662	652	1850	580	1760	526	2930	238	1524	-	-	250	250	3200	21096
	Diagnostic visits	72	360	222	1420	180	1320	80	1225	75	595	-	-	5	26	42	130	785	5076
	Kisan Ghosthi	1	31	3	667	46	10080	35	1260	43	8481	21	4987	-	-	42	130	191	25636
	Scientists' visit to farmers field	170	1413	190	1479	320	5109	272	3428	419	6063	266	4914	302	2350	186	1093	2125	25849
	Plant/animal health camps	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Ex-trainees Sammelan	-	-	-	-	-	-	-	-	-	-	-	-	--	--	-	-	-	-
	Farmers' seminar/workshop	-	-	1	491	1	275	2	462	-	-	1	156	1	50	-	-	6	1434
	Method Demonstrations	-	-	-	-	1	10	1	12	-	-	-	-	1	10	1	7	4	39

	Celebration of important days	2	456	-	-	-	-	-	-	2	302	1	305	4	335	4	513	13	1911
	Special day celebration (Kisan Samman Diwas)	-	-	1	1500	1	307	1	56	1	64	1	82	1	113	1	67	7	2189
	Exposure visits	1	50	4	257	3	156	1	50	1	250	1	50	3	16	-	-	14	829
	Electronic Media	36	Mass	20	Mass	5	Mass	5	Mass	4	Mass	-	-	-	-	-	-	70	Mass
	News Letter	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	News paper coverage	108	Mass	102	Mass	79	Mass	88	Mass	82	Mass	62	Mass	40	Mass	41	Mass	602	Mass
	Technical Articles	5	Mass	1	Mass	8	Mass	2	Mass	2	Mass	7	Mass	3	Mass	2	Mass	30	Mass
	Technical Bulletins	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Technical Reports	4	Mass	7	Mass	7	Mass	8	Mass	8	Mass	8	Mass	6	Mass	7	Mass	55	Mass
	Animal health amps (No. of animals treated)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Self Help Groups	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Others(Research Paper)	1	Mass	2	Mass	-	-	1	Mass	-	-	-	Mass	3	Mass	8	Mass	15	Mass

Others Broad Based Extension Activities

Table-18.2. Broad based front line extension activities done by KVK during 2011-12 to 2018-19

S.No.	Item	I	II	III	IV	V	VI	VII	VIII	Total
		Year	Year	Year	Year	Year	Year	Year	Year	
1	Artificial insemination cases	-	-	-	-	-	-	-	-	-
2	Animal health-care provided	02	35	20	-	-	-	-	-	57
3	Poultry introduced	05	-	-	-	-	-	-	-	05
4	Piggery/rabbitary introduced	-	-	-	-	-	-	-	-	-
5	Planting material produced and distributed	5210	-	2530	-	-	-	-	200	7940
6	Fodder and grass introduced (ha)	-	-	-	-	-	-	-	-	-
7	Trees introduced (No.)	-	-	-	-	-	-	-	-	-
8	Consultancy on soil analysis and topographic survey	-	-	-	-	300	305	224	206	1035
9	Improved hand tools and implements introduced	-	-	-	-	-	-	-	-	-
10	Fishery demonstrations	-	-	-	-	-	-	-	-	-
11	Any other (Demon. – mushroom, vermin composting, manure, dairying etc)	20	35	20	-	-	-	-	-	75

19. LITERATURE DEVELOPED/PUBLISHED (RESEARCH PAPER & ARTICLES)

a. Research Paper

1. **Hasan Tanveer**, Arvind Kumar, Singh, R.P., Hamveer Singh, Singh, S.D. and Singh, R. K. (2018). Studies on genetic variability, character association and path analysis in blackgram (*Vigna mungo* L. Hepper) varieties. ***Trends in Biosciences***, **11**(42): 4182-4185.
2. **Hasan Tanveer**, Arvind Kumar, Hamveer Singh and Singh, R. K. (2018). Genetic variability, correlation and path analysis in wheat (*Triticum aestivum* L.). ***Trends in Biosciences***, **11**(41): 4156-4160.
3. **Hasan Tanveer**, Vinod Singh, Chauhan, M. P. and Singh, N. B. (2018). Genotype x environment interaction analysis for grain yield in wheat (*Triticum aestivum* L.) accessions. ***Trends in Biosciences***, **11**(8): 1775-1778.
4. **Hasan Tanveer**, Vinod Singh, Chauhan, M. P., Singh, H. K. and Yadav G. C. (2018). Genetic variability, character association and path analysis in wheat (*Triticum aestivum* L.) over six environments. ***Trends in Biosciences***, **11**(8): 1799-1803.
5. **Hasan Tanveer**, Kumar, A., Singh, H., Madke, P. K. and Singh, K. V. (2014). Effect of different insecticides on leaf roller insect (*Cnaphalocrosis medinalis* Guenee) in paddy crop. ***Trends in Biosciences***, **7**(9): 729-730.
6. **Hasan Tanveer**, Arvind Kumar and Hamveer Singh. (2012). Impact of insecticides against Yellow Stem Borer (*Scirpophaga incertulas*) on paddy grain yield. ***Trends in Biosciences***, **5**(4): 310-311.
7. **Hasan Tanveer**, Arvind Kumar and Hamveer Singh. (2012). Genetic diversity in bread wheat [*Triticum aestivum* L. (Em. Thell.)]. ***Trends in Biosciences***, **5**(1) : 77-78.
8. Naveen Kumar, Singh S.K., Kerkhi, S. A., Singh, B., **Hasan Tanveer** and Mohan Lal. (2011). Genetic variability, heritability and genetic advance for forage yield and quality traits in sorghum. ***Prog. Agric.***, **11**(2): 479-481.
9. **Shishupal Singh, Ravindra Kumar Rajput, Shankar Ram, Mohan Singh and Priyanka Raha (2017)** Micronutrient content and yield of spinach (*Spinacea oleracea*.L) as influenced by different sources and levels of iodine fertilization. *Journal of Pharmacognosy and Phytochemistry* : 7 (1) 1048-1052.
10. **Ravindra Kumar Rajput, Shishupal Singh, Jyoti Verma, Pradeep Rajput, Mohan Singh and Somendra Narh (2107)**, Effect of different levels of nitrogen and sulphur on growth and yield of Indian Mustard (*Brassica juncea*(L) Czern and Coss.) in salt affected soil. ***Journal of Pharmacognosy and Phytochemistry*** : 7 (1) 1053-1054
11. **Ravindra Kumar, Manoj Singh, Satendra Kumar, N C Tripathi, Mohan Singh and Pramod Kumar.** (2018) Estimation of Soil Fertility Status under Sugar cane Wheat Farming System in Different Blocks of Rampur District of Uttar Pradesh, *J Krishi Vigyan* . 6(2) : pp,101-104
12. **Ravindra kumar Rajput, Raj Bahadur, Shishu Pal Singh, Mohan Singh, Pradeep Rajput, Jyoti Verma, and Aman Chaudhary.(2018)** Effect of moisture regimes split application of nitrogen on growth attributes, yield and quality of hybrid rice (*Oryza sativa* L.) *Journal of Pharmacognosy and Phytochemistry* : 7 (3) 3726-3728.
13. **Ravindra kumar Rajput, Raj Bahadur, Shishu Pal Singh, Mohan Singh, Pradeep Rajput, Jyoti Verma, and Aman Chaudhary.(2018)** Effect of moisture regimes split application of nitrogen on growth attributes, yield and quality of hybrid rice (*Oryza sativa* L.) *Journal of Pharmacognosy and Phytochemistry* : 7 (3) 3726-3728

b. Research Papers in International Journal

1. **Shishupal Singh, Shivraj Singh, Mohan Singh, Ashish Latore and Ravindra Kumar Rajput (2017)** Cations chemistry characterization of Rainwater of the Varanasi district in the indo-gangetic plains, India. *International Journal of Current Microbiology and Applied Sciences* :6 (1) 1380-1384
2. **Shishupal Singh, Shivraj Singh, Vimal Kumar, Ravindra Kumar Rajput and Mohan Singh, (2018)** Effect of Integrated Nutrient Management and Iodine Fertilization on Sulphur Content in Spinach (*Spinacea oleracea* L.) *International Journal of Current Microbiology and Applied Sciences*.7(2):pp-2355-2361

b. Poplar Articles

Item	Title	Authors name
Poplar Articles	• Kapas ki Phasal Main Keet Prabandhan, Kisan Bharti year 44, Ank-10 July 2013, Page No. 28-31.	Hasan Tanveer
	• Sarson ki Phasal Main Ke Pramukh Rog evam Unka Prabandhan, Kisan Bharti year 45, Ank-02, Nov. 2013, Page No. 8-10.	Hasan Tanveer
	• Matar Ki Phasal Main Keet evam Rog Prabandhan, Kisan Bharti Year 45, Ank-03, Dec. 2013 Page No. 13-14.	Hasan Tanveer
	• Aam Ke Pramukh Hanikarak Rog evam Unka Prabandhan, Kisan Bharti year 45, Ank-05, Feb. 2014 Page No. 11-13.	Hasan Tanveer
	• Bimari Tatha Shatru Se Madhumakhiyon Ki Surraksha, Kisan Bharti Year-45, Ank-04, Jan. 2014, Page No. 34-36.	Hasan Tanveer
	• Surajmukhi Ke Hanikarak Keet evam Unka Prabandhan, Kisan Bharti, July -2013 Page No. 10-11.	Hasan Tanveer
	• Dhan Ki Phasal Ko Rogon Se Bachayain, Kisan Bharti, Aug. 2011 Page No. 09-10.	Hasan Tanveer
	• Arhar Ki Phasal Main Vegyanik Keet Prabandhan, Kisan Bharti, March 2012 Page No. 17-18.	Hasan Tanveer
	• Rabi Ki Phaslon main Beej Upchar evam Iska Mahatva. Kisan Bharti, Oct. 2010, PP . 3-5.	Hasan Tanveer
	• Sarson Ke Pramukh Hanikarak Keet evam Unka Prabandhan, Kisan Bharti, Dec, -2010 Page No. 03-05.	Hasan Tanveer
	• Dhan Ki Phasal Main Keet Prabandhan. Kisan Bharti, May 2011, Page No. 8-10.	Hasan Tanveer
	• Rabi Ki Phaslon main Beejopchar. Kisan Bharti, June 2011 Page No. 08-09.	Hasan Tanveer
	• Adhik paidavar hetu mrda parikashan hain ati aavashyak. Udhyan Smarika (2108) Mandliye fal,Shak-Bhaji avam Pushp pradershani, Rajkiya Udhyan (Sarkit House) Agra. 23-25 (2018)	Dr.Mohan Singh
	• . Udhyan Smarika (2108) Mandliye fal,Shak- Bhaji avam Pushp pradershani, Rajkiya Udhyan (Sarkit	Dr.Mohan Singh

	<p>House) Agra. 83-87 (2018)</p> <ul style="list-style-type: none"> • Ganna main paidi ka preabandhan kaise karen.Ekshu Rajaya bhasa patrka.(IISR) Bhartiya gannaa anusandhan sansthan Lucknow(2018) • Sabjiyo ke carbonic khethi. Kisan Bharti Vol. 49 No. 11 PP. 34-38 • Kapas ke unnat khethi. Kisan Bharti Vol. 50 No. 11 PP. 24-26 	<p>Mohan Sigh & R.K Singh</p> <p>S.D.Singh et all.</p> <p>S.D.Singh et all.</p>
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20. KVK AND FARMERS LINKAGES

Year	No. of Villages Approached	No. of Villages Adopted	No. of Farmers' Data base Compiled & available with KVK	No. of farmers' data base added during the year	No. of local Famers Visiting KVK for Farm Assistance	No. of Visits by Govt. & other Officials to KVK
2011-12	19	02	125	20	31	39
2012-13	24	03	145	538	18	10
2013-14	49	03	538	145	43	32
2014-15	80	04	683	317	35	15
2015-16	102	04	1000	997	12	20
2016-17	135	05	1997	801	20	06
2017-18	302	05	2798	2911	55	25
2018-19	493	05	4293	1382	60	25
Total	1204	31	11579	7111	274	172

21. LINKAGES OF THE KVK WITH THE OTHER ORGANIZATIONS

Name of the Organizations/ Institutions	Nature of Linkage	Activities Involved	Duration	Remark
State Agriculture department	Participation in training and meetings at Division, district, block and village level & Diagnostic survey, Participation in Exhibition, Gosthies and Kisan Melas at various levels & field day	Lecture delivered as a resource person & New technology information	1-3 days	
District Administration	Participation in Exhibition, Gosthies and Kisan Melas at various levels.	Lecture delivered as a resource person & New technology information	1-2 days	
Fertilizer Agencies	Participation in training, meetings, gosthies/Kisan diwas, Kisan Melas, soil testing and plantation programmes.	Lecture delivered as a resource person & New technology information	1-2 days	
State Animal Husbandry department and BAIF	Participations in Animal Health care programmes and Trainings.	Lecture delivered as a resource person & New technology information	1-2 days	
State Horticulture department	Participation in training, meeting, gosthies and field visits & Diagnostic survey	Lecture delivered as a resource person & New technology information	1-2 days	
NSC	Seed production programme	Lecture delivered as a resource person & New technology information	1-2 days	
NGO's	Participation in training programme	Lecture delivered as a resource person & New technology information	1-2 days	
SVPUA&T, Meerut	Participation in Farmer's fair, training prog., technology & meeting	Lecture delivered as a resource person & New technology information	1-2 days	
ICAR	Financial support and technology (Newly released varieties and crop management)	Lecture delivered as a resource person & New technology information	1-2 days	

22. COLLABORATIVE PROJECTS AND AWARDS RECEIVED BY KVK

Year	No. of Sponsored/ Collaborative Projects undertaken	No. of Awards Received by KVK	No. of Awards received by the individual Scientists	No. of Awards received by the Farmers linked with KVKs
2011-12	Establishment of small nursery of mango, guava, litchi and aonla	-	-	-
2012-13	Establishment of biocontrol laboratory at KVK	-	-	-
2013-14	Establishment of biocontrol laboratory at KVK	-	-	-
2014-15	Establishment of biocontrol laboratory at KVK	-	-	-
2015-16	Establishment of biocontrol laboratory at KVK	-	-	-
2016-17	Establishment of biocontrol laboratory at KVK	-	-	-
2017-18	Establishment of biocontrol laboratory at KVK	-	-	-
2018-19	Promotion of Agricultural Mechanization for In-situ Crop Residue Management	-	-	-

23. IMPACT IN DOUBLING FARMERS INCOME SELECTED VILLAGE

Particular	Detail information in r/o DFI Village			
Name of KVK	Moradabad			
Name of villages to be adopted by KVK	Sihari Ladda & Khanpur			
Number of farmers to be targeted	50 in each village			
	2015-16	2016-17	2017-18	2018-19
Area of agriculture land (ha):			115.25	191.28
Area of irrigated land (ha):			65.326	153.024
Number of water body:			0	04
Area of water body (ha):			0.4	1.0 ha.
Number of different livestock animals:			Buffalo – 1520, Cattle – 144, Goat - 40	Buffalo – 160, Cattle – 40, Goat - 120
Soil status:			Normal	Normal
Average nutrients (nitrogen, phosphorous, potash, etc) used:			150:50:20	150:60:20
Major diseases occurred in crops:			BLB & sheat blight in paddy	BLB & Blast in paddy
Major diseases occurred in livestock:			BQ, FMD	BQ, FMD
Post-harvest management/ value addition followed, if any:			No	Processed Honey
Marketing channels of products:			Local Market	Local Market
Agro-based industries, if any:			No	No
Average income of the farmer:			Rs. 40,000-50,000 per year	Rs. 40,000-50,000 per year
Average yield of livestock: (Mention below with Species Name)				
1			Buffalo – 2.5 lit./day,	Buffalo – 6 lit./day,
2			Cow – 3.5 lit/day	Cow – 3.5 lit/day
Average yield of fisheries:			12.5/ha.	11.5 q/ha.

crop intensity %				170	175		
Improvement in efficiency of input use (cost saving)				10%	10%		
AVG Income from non-farm jobs				3000 (Vermi compost)	18693 (Bee keeping)		
Average yield of different crops cultivated in the both Villages	Name of Crop		Yield of Crop in q/ha	Name of Crop		Yield of Crop in q/ha	
	Wheat		45	Wheat		50	
	Paddy		45	Paddy		45	
	Black gram		9.5	Black gram		10.5	
	Lentil		10.0	Lentil		11	
	Mustard		16.0	Pea		18	
	Sugarcane		700	Sugarcane		650	
	Mentha		110 Kg/ha.	Mentha		90 Kg/ha.	
Diversification towards high value crops (ha Area)	Name of Crop (Season)	Yield of Crop in q/ha	Name of Crop (Season)	Yield of Crop in q/ha	Name of Crop (Season)	Yield of Crop in q/ha	
Sugarcane (12.5 ha.) & Potato (6.0 ha.)				Sugarcane (Zaid)	800	Potato (Rabi)	250