1. **Date of Establishment of KVK: 27.07.2007**

2. **Detail of Benchmark survey of the district :**

Poonch is located on the Southern slopes of Pir Panjal range and as such is rugged with spurs and valleys. It lies between 33^0 25' to $34^0$10' North latitude and 730 58' to 740 35' East longitude. It is bounded on the north by Baramula and Budgam district of Kashmir valley, on its west and North-West lies Pakistan Occupied Kashmir (POK). The district having population of 4.76 lacs consists of 6 tehsils, 11 blocks and 189 villages covering an area of 1674 sq. km. The climate of the district varies from Sub-tropical to temperate and receives good annual rainfall.

A. Climate

- The climate of the district is sub-tropical in the southern part and tends to be temperate on the northern part comprising hill tops. In the higher region, the climate remains cold through out the year.
- Average minimum and maximum temperature in the district varies from 20° to 40°C. The temperature starts rising from third week of March and reaches maximum during the month of May. January is the coldest month.
- The average annual rainfall in the district is about 1225mm with 56 to 73 average rainy days. Higher reaches of Pir Panjal receives snow fall in winter months.

B. Major agriculture and allied enterprises

Agriculture: Maize, Paddy, Fodder, Oilseeds, Pulses

Horticulture: Pecan nut, Apricot, Plum, Walnut, Sandy Pear, Apple

Animal Husbandry: Cows, Buffaloes, Sheep & Goats, Poultry

C. Major farming systems/enterprises

S. No	Farming system/enterprise
1	**Rainfed** Maize + Rajmash (Mono cropping) Maize + Rajmash + Potato

	Maize – Wheat Maize- Oat **Fruit Crops:** Apple, Pecanut, Walnut, Peach, Plum and Apricot
2	**Irrigated (canal)** Paddy (Monocropped) Paddy- Berseem Paddy – Wheat

C. Agro-climatic Zone & major agro ecological situations (based on soil and topography)

S. No	Agro-climatic Zone	Characteristics
1	Sub-Tropical (Upto 800 m)	Plain area with water logging
	Intermediate (Lower) 800-1500m	Slopy land with problem of soil erosion
	Intermediate Higher >1500	High Hills with gully erosion
	Agro ecological situation	**Characteristics**
2	AES-I	Plain Topography with Thick Soil and Canal Irrigated
	AES-II	Slopy land with thin soil cover and rainfed
	AES-II	Thick growth of coniferous and deciduous forests

D. Soil type/s

S. No	Soil type	Characteristics	Area in ha
1	Silty	Soil is silty with water logged and flood prone	N.A.
2	Sandy loam	Soil is sandy to sandy loam with salt affected in patch.	N.A.

3. Major findings of survey & thematic areas identified

Maize is the main crop of district Poonch in area and production. Paddy is cultivated in a limited area during Kharif season and wheat is the main rabi crop. The majority of the rural population depends on agriculture and animal husbandry for livelihood. However, low productivity and economic returns is cause of concern. The major findings of the survey are summarized as under

- Low Productivity in maize and paddy
- Fodder scarcity (specially during winter months)

- Large Mono-cropped area in high altitudes
- Attack of insect pest in rajmash under mixed cropping
- Hilly terrain, limiting mechanized farming
- Rainfed farming
- High seed rate (maize)
- Imbalanced use of fertilizers
- Insect-pest and disease incidence
- Inadequate and un-organized marketing infrastructure.

Thematic areas identified: Based on the identified problems, thematic areas have been identified in different crops as given under

Crop/Enterprise	**Thematic area**
Maize	- Integrated Nutrient & Pest Management - Introduction of single cross hybrids
Paddy	- Integrated Nutrient Management, IPM/IDM , Weed management
Wheat	- Standardization of Production technology under rainfed conditions, Weed management
Pulses (Rajmash)	- Standardization of Production technology under rainfed conditions, High yielding improved varieties' Integrated Pest and Disease Management
Oilseeds	-Increasing area under Oilseeds
Fodder (oats)	Availability of green fodder round the year
Horticulture (Fruits)	
Pear	Micro Nutrient Management, Rejuvenation of Old Orchards, IPM/IDM

Plum	Application of Micronutrients, Rejuvenation of Old Orchards, IPM/IDM
Apple	Promoting INM, IPM/IDM
Pecanut	Production of quality planting material of pecanut at KVK farm
Strawberry	Runner production of different varieties at KVK farm.
Animal Husbandry	
Cow, Buffalo, Sheep, Goat	Disease Management in Sheep & Goat

4. Staff position during the last 10 years

Position	Year& Names									
	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
Programme Coordinator		Dr Harashwardan	Dr Harashwardan	Dr Harashwardan/ Dr Arvind Ishar(I/c)/ Dr Sanjay Khar	Dr Sanjay Khar	Dr Sanjay Khar/ Dr Shahid Ahmad	Dr Shahid Ahmad	Dr Shahid Ahmad/ Dr. Sanjay swami	Dr. Sanjay swami	Dr. Sanjay swami
SMS (1)		Dr Arvid Ishar	Dr Arvid Ishar	Dr Arvid Ishar	Dr Arvid Ishar	Dr Arvid Ishar	Dr Arvid Ishar	Dr Arvid Ishar	Dr Arvid Ishar/ Dr. Muneeshwar Sharma	Dr.Muneeshwar Sharma
SMS (2)		Dr Sanjeev kumar	Dr Sanjeev kumar	Dr Sanjeev kumar	Dr Sanjeev kumar	Dr Sanjeev kumar	Dr Sanjeev kumar	Dr Sanjeev kumar	Dr Sanjeev kumar/ Dr. Ajay Gupta	Dr. Ajay Gupta
SMS (3)		Sh. Vishal Mahajan	Sh. Vishal Mahajan	Sh. Vishal Mahajan	Sh. Vishal Mahajan	vacant	vacant	vacant	vacant	vacant
SMS (4)		Sh. Rakesh Sharma	Sh. Rakesh Sharma	Dr Neerja	Dr Neerja	Dr Neerja	Vacant	Vacant	Dr Muzafar Mir	Dr Muzafar Mir
SMS (5)		Sh.pawan Kumar Sharma	Sh.pawan Kumar Sharma	Sh.pawan Kumar Sharma	Sh.pawan Kumar Sharma	Sh.pawan Kumar Sharma	Sh.pawan Kumar Sharma	Sh.pawan Kumar Sharma	Sh.pawan Kumar Sharma	Sh.pawan Kumar Sharma
SMS (6)		Sh. Suraj Prakash	Sh. Suraj Prakash	Sh. Suraj Prakash	Sh. Suraj Prakash	Sh. Suraj Prakash	Sh. Suraj Prakash	Sh. Suraj Prakash	Sh. Suraj Prakash	Sh. Suraj Prakash
Prog. Assistant		Sh. Raju Gupta	Sh. Raju Gupta	Sh. Raju Gupta	Sh. Raju Gupta	Sh. Raju Gupta	Sh. Raju Gupta/ Sh. M. A. Guroo	Sh. M. A. Guroo	Sh. M. A. Guroo	Sh. M. A. Guroo

Prog. Assistant		Vacant	Vacant	Vacant	Sh. Jagdish Kumar	Sh. Jagdish	Sh. Jagdish	Sh. Jagdish/ Sh. Mohd. Qasim	Sh. Mohd. Qasim	Sh. Mohd. Qasim
Prog. Assistant		Sh. Sudhir. S. Jamwal	Sh. Sudhir. S. Jamwal	Sh. Sudhir. S. Jamwal	Sh. Sudhir. S. Jamwal	Sh. Sudhir. S. Jamwal	Sh. Sudhir. S. Jamwal	Sh. Sudhir. S. Jamwal	Sh. Sudhir. S. Jamwal	Sh. Sudhir. S. Jamwal
Office Superintendent cum Accountant		Sh. Darshan Kumar	Sh. Darshan Kumar	Sh. Darshan Kumar	Sh. Darshan Kumar	Sh. Darshan Kumar	Sh. Darshan Kumar	Sh. Darshan Kumar	Sh. Darshan Kumar	Sh. Darshan Kumar
Junior Stenographer		vacant	vacant	vacant	vacant	Sh. Sahil Talgotra	Sh. Sahil Talgotra	Sh. Sahil Talgotra	Sh. Sahil Talgotra	Sh. Sahil Talgotra
Driver (1)		vacant	vacant	vacant	Sh Mohd Aslam	Sh Mohd Aslam	Sh Mohd Aslam	Sh Mohd Aslam	Sh Mohd Aslam	Sh Mohd Aslam
Driver (2)		vacant	vacant	vacant	Sh Amit Kumar	Sh Amit Kumar/ Sh. Sanjeev Kumar	Sh. Sanjeev Kumar/Sh. Sham Lal	Sh. Sham Lal	Sh. Sham Lal	Sh. Sham Lal / Sh. Sukhwant singh
Supporting (1)		vacant	vacant	vacant	Sh. Suresh Kumar	Sh. Suresh Kumar	Sh. Suresh Kumar	Sh. Suresh Kumar	Sh. Suresh Kumar	Sh. Suresh Kumar
Supporting (2)		vacant	vacant	vacant	Sh. Kewal Kishore	Sh. Kewal Kishore	Sh. Kewal Kishore	Sh. Kewal Kishore	Sh. Kewal Kishore	Sh. Kewal Kishore

5. Farmers Training Programmes conducted

Theme	Year									
	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
Crop Production	-	22	04	12	12	08	07	10	02	09
Crop protection	-	12	04	02	06	11	20	10	09	10
Animal Husbandry	-	-	-	-	01	01	-	11	-	-
Horticulture	-	12	06	08	03	18	07	-	06	16
Agroforestry	-	11	04	05	05	03	-	-	-	-
Ag. Extension	-	08	05	03	17	12	10	-	-	02
Ag. Economics	-	-	04	03	-	-	-	-	-	02
Home Science	-	-	-	02	-	01	01	-	-	
Soil Health	-	-	-	02	-	-	-	-	01	
Others	-	-	-	-	-	-	-	-	-	-

Action Photographs with caption

Farmers Training Programme

Women participating in Farmers Training

Farmers training at adopted maize village

6. In-service Training Programmes conducted

Theme	Year									
	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
Crop Production	-	01	02	03	01	03	01	-	01	02
Crop protection	-	01	04	02	01	02	05	03	03	03
Horticulture	-	-		02	01	02	-	-	-	01
Animal Husbandry	-	-		-	-		-	-	-	-
Agroforestry	-	02		02	02	01	-	-	-	-
Ag. Extension	-	01	01	03	05	03	03	-	-	-
Ag. Economics	-	-	02							
Others	-	-		-	-		-	-	-	-

Action Photographs with caption



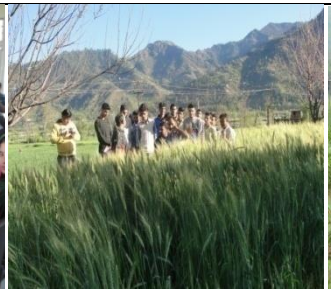

In-service training programmes

6.1. Vocational Training Programmes

Theme	Year									
	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
Mushroom Production	-	-		-	-	01	01	01	-	01
Apiculture	-			-	-		01	01	-	01
Fruit /Vegetable production	-	01	06	01	01	02	01	-	-	03
Animal Husbandry	-	-		-	02	02	01	-	-	-
Fodder production	-	-		-	-	-		-	01	01
Composite Fish culture	-	-		-	-	-	01	01	-	-
Home Science	-	01		01	01	02	02	-	01	-
Other	-	01	04	-	-	-	-	02	02	-

Action Photographs with caption




VTon Cutting & Tailoring VT on Bee-Keeping VT on ICT VT on Seed production VT on propagation techniques

Technology assessment & refinement

Theme	Year									
	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
Varietal	-	03		03	02	04	02	01	01	04
Nutritional management	-	-		02	02	02	02	-	-	-
Disease management	-	-		-	02	03	02	02	01	02
Insect-pest management	-	-		02	01	01	01	-	01	-
Horticulture	-	01		03	03	02	01	-	-	02
Integrated Crop Management	-	01		02	01	01		01	-	-
Ag. Economics	-	-		01	01	01	-	-	-	-
Agroforestry	-	-		01	-			-	-	-

Action Photographs with caption

OFT on Chickpea

OFT on Plum

Salient Recommendations of technology Assessment & refinement conducted during the last 10 years

- **Weed management in wheat:** Sencor@175-200g/ha may be used for effective control of weeds in wheat
- **seed rate in paddy:** Seed of paddy should be sown at the rate of 75 Kg/ha.
- **Variety evaluation (paddy):** Pusa Sugandh-2 may be grown in place of K-343 in paddy growing areas of Poonch
- **Hybrid evaluation:** Pro-Agro 4794 may be recommended for rainfed areas of Poonch.
- **Weed management in Maize:** Pre-emergence spray of Atrazine @1.25kg/ha may be recommended
- **Management of Head Smut in Maize:** Application of Bavistin @2g/1 kg seed may be recommended
- **Management of *Phytophthora* blight in tomato**: Ridomil MZ (0.25%) may be recommended.
- **Evaluation of Wheat cultivars**: Var. HS490 gave higher yield than PBW373
- **Varietial evaluation in Radish:** White Ivory may be recommended for large scale cultivation.
- **Management of Chilli wilt:** Planting of seedlings on raised beds followed by spraying with Dithane M-45 may be recommended
- **Management of Anar butterfly in wild pomegranate:** Bagging of fruits gives considerable protection from the pest
- **Management of San Jose Scale in Apple**: Apple plants should be sprayed with Horticultural Mineral Oil at dormant stage and thereby followed by spray of metasystox at later stages
- **Control of walnut weevil:** Trunk banding should be done in the Walnut trees followed by the spray of metasystox
- **Insect Pest Management in Cucumber:** Spraying the crop with Carbaryl gave the best results
- **Control of cutworm:** Soil application of Carbofuran @ 20 Kg/ha
- **Promotion of composites (yellow):** PMSY-3 can be promoted in place of Desi Pili in MAIZE growing areas of Poonch. However, further trials need to be conducted before recommendation.
- **Promotion of composites (white): PMSW-4** can be promoted in place of Desi chiti in MAIZE growing areas of Poonch. However, further trials need to be conducted before recommendation.
- **Sheath blight in paddy :** Seeds of paddy should be treated with Carbendazim @ 2gm/l followed by three sprays of Carbendazim @ 1 gm/l after the emergence of the disease
- **Cultivar evaluation in Oats:** Palampur-1 remained green for longer duration as compared to Kent and can be promoted for fodder cultivation in Poonch District.

Front Line Demonstrations (crop-wise) **Maize**

Particulars	Year									
	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16

Area	-	02	04	04	Vivek hy 9- 04 Vivek hy 25- 01	05	10	10	20.0	21.0
No. of farmers	-	15	16	11	Vivek hy 9- 17 Vivek hy 25- 03	13	39	38	67	84
Yield under demo (qt/ha)	-		48.72	23.12	Vivek hy 9-26.29 Vivek hy 25-26.10	09	32.65	39.88	48.3	42.95
C:B ratio	-			-	- -	-	-	-	2.90	2.41
Yield under local (qt/ha)	-		36.81	15.93	Vivek hy 9- 19.55 Vivek hy 25- 17.91	10	24.35	28.97	36.90	23.50
C:B ratio	-			-	-	-	-	-		1.71

Action Photographs with caption

FLD on Maize in village Rajpura

FLD on Maize in Village Gundi


FLD on Maize in Village Degwar

Front Line Demonstrations (crop-wise) **(ISOPOM)**

Particulars	Year									
	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
Area				28	04	0.55	20	-	-	-
No. of farmers				87	15	03	68	-	-	-

Yield under demo (qt/ha)				26.56	20.96	33.75	28.94	-	-	-
C:B ratio				-	-		-	-	-	-
Yield under local (qt/ha)				17.36	17.91	27.88	23.71	-	-	-
C:B ratio				-	-			-	-	-
Action Photographs with caption 										

7. Front Line Demonstrations (crop-wise) **Paddy**

Particulars	Year									
	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
Area		02	04	04	05	05	10	06	2.25	2.90
No. of farmers		10	11	11	13	13	30	16	18	
Yield under demo (qt/ha)			45.27	36.05	43.92	45.38	46.2	43.24		35.06
C:B ratio				-	-	-	-	4.18		3.40
Yield under local (qt/ha)			34.59	30.64	32.02	36.65	38.40	34.25		28.33
C:B ratio				-	-	-	-	-		2.25
Action Photographs with caption										


FLD on Paddy

8. **Front Line Demonstrations (crop-wise)** **Chickpea**

Particulars	Year									
	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
Area				02	03	01	-	-	-	-
No. of farmers				22	29	13	-	-	-	-
Yield under demo (qt/ha)				6.28	14.00	-	-	-	-	-
C:B ratio				-	-	-	-	-	-	-
Yield under local (qt/ha)				5.50	08.00	-	-	-	-	-
C:B ratio				-	-	-	-	-	-	-
Action Photographs with caption										

9. **Front Line Demonstrations (crop-wise)** **Wheat**

Particulars	Year									
	2006-07	2007-	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16

		08								
Area			04	02	HS 490- 02 HS 240- 01	03	10	-	6.0	2.60
No. of farmers			10	09	HS 490- 06 HS 240- 03	15	36	-	22	15
Yield under demo (qt/ha)			24.23	19.12	HS 490- 40.20 HS 240- 36.50	-	-	-		
C:B ratio				-	- -	-	-	-		
Yield under local (qt/ha)			19.56	14.50	HS 490- 28.00 HS 240- 28.00	-	-	-		
C:B ratio				-	- -		-	-		

Action Photographs with caption



10. Front Line Demonstrations (crop-wise) **Gobhi Sarson /Mustard**

Particulars	Year

	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
Area			04	5.15	14	3.2	-	01		1.6
No. of farmers			14	46	80	14	-	08		23
Yield under demo (qt/ha)			7.59	7.59	15.50	-	-	-		9.42
C:B ratio				-	-	-	-	-		3.24
Yield under local (qt/ha)			5.45	5.60	10.00	-	-	-		6.80
C:B ratio				-	-	-	-	-		

Action Photographs with caption

11. **Front Line Demonstrations (crop-wise)** **Lentil**

Particulars	Year									
	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
Area	-	-	-	02	04	02		-	-	-
No. of farmers	-	-	-	24	41	27		-	-	-
Yield under demo (qt/ha)				7.25	07.50					
C:B ratio	-	-	-	-	-			-	-	-
Yield under local (qt/ha)	-	-	-	06	07.20			-	-	-
C:B ratio	-	-	-	-	-			-	-	-

Action Photographs with caption

12. **Front Line Demonstrations (crop-wise)** **Moong**

Particulars	Year									
	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
Area				02	1.5	-	-	-	-	-
No. of farmers				19	25	-	-	-	-	-
Yield under demo (qt/ha)				5.38	05.10	-	-	-	-	-
C:B ratio				-	-	-	-	-	-	-
Yield under local (qt/ha)-				4.11	03.64	-	-	-	-	-
C:B ratio				-	-	-	-	-	-	-
Action Photographs with caption										

13. **Front Line Demonstrations (crop-wise)** **Mash**

Particulars	Year									
	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
Area				02	02	-	-	-	-	-
No. of farmers				17	26	-	-	-	-	-
Yield under demo (qt/ha)				7.50	10.03	-	-	-	-	-
C:B ratio				-	-	-	-	-	-	-
Yield under local (qt/ha)				4.72	06.72	-	-	-	-	-
C:B ratio				-	-	-	-	-	-	-
Action Photographs with caption										

14. **Front Line Demonstrations (crop-wise)** **Rajmash**

Particulars	Year									
	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
Area		02	02	02	01	02	04	05	5.60	6.0
No. of farmers		06	06	22	01	08	15	15	28	30
Yield under demo (qt/ha)			2.89	83.57	03.73	5.64	2.71	4.20	3.2	4.29
C:B ratio				-	-	-	-	-	1:3.2	3.40
Yield under local (qt/ha)			1.87	72.42	02.91	4.18	30.99	2.98	2.10	3.12
C:B ratio				-	-	-	-	-		
Action Photographs with caption										

Front Line Demonstrations (crop-wise) **Oats**

Particulars	Year									
	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
Area			-	-	-	-	-		0.50	19.70
No. of farmers			-	-	-	-	-		03	126
Green fodder Yield under demo (qt/ha)			-	-	-	-	-			268
C:B ratio			-	-	-	-	-			2.22
Yield under local (qt/ha)			-	-	-	-	-			200
C:B ratio				-	-	-	-	-		1.89

Action Photographs with caption

Front Line Demonstrations (crop-wise) **Chicks**

Particulars	Year									
	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
Area			-	-	-	-	-		-	
No. of farmers			-	-	-	-	-		71	
Yield under demo (qt/ha)			-	-	-	-	-			
C:B ratio			-	-	-	-	-			
Yield under local (qt/ha)			-	-	-	-	-			
C:B ratio				-	-	-	-	-		
Action Photographs with caption										


1.1. Criteria adopted for distribution of FLDs :

FLDS are conducted in cluster villages

Demonstration on new technology is laid out in cluster villages for 03 years

1.2. Mention the major and successful technologies up-scaled through FLDs in the district in last 10 years

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2. Extension activities conducted

Particulars	Kisan mela organized		Kisan mela participated		Field days organized		Kisan Goshties organized		Farmer-Scientist interactions		Exposure visits	
	No.	Participants	No.	Participants	No.	Participants	No.	Participants	No.	Participants	No.	Participants
2006-07	-	-	-	-	-	-	-	-	-	-	-	-
2007-08	-	-	-	-	02	46	02	82	58	455	-	-
2008-09					05	101	04	149				
2009-10	-	-	-	-	05	94	-	-	22	140	-	-
2010-11					07	101	02	34				
2011-12	-	-		-	07	94	04	89	117	1300	-	-
2012-13					04	101	02	50				
2013-14					04	74	02	51	165	325	01	20
2014-15												
2015-16												

Action Photographs with caption

Kisan Mela Participated

Kisan Mela Participated

Exposure visit

Field Day

3. Other activities

Theme	Year									
	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
Farmers' visits to KVK (No.)	-	78	60	160		176	270	992	286	2154

No. of villages covered under different KVK activities	-	02		09	10			22	24	27
Radio/TV talks (No.)	-	05	20	28	28	21		17	15	19
Awareness camps	-	02					06	03	01	
Name of villages covered	-			Karmada, Khari, Jhallas, Potha, Gundi, Asmabad, Rajpura, Mandi, Draba	Qasba, Magnad Jhallas, Gundi, Asmabad, Rajpura, Mandi, Draba, Potha, Ucchaad			Madari Magnad Jhallas, Nangali, Salotri, Digwar, Bandi Chechian, Khanetar, Sathra, Rajpura, Mandi, Loran, Saujian, Draba, Potha, Kallar, Seri Khwaja, Ucchaad, Mankote, Sagra, Ari, Dargloon	Madari Magnad Jhallas, Nangali, Salotri, Digwar, Bandi Chechian, Khanetar, Sathra, Rajpura, Mandi, Loran, Saujian, Draba, Potha, Kallar, Seri Khwaja, Ucchaad, Mankote, Sagra, Ari, Dargloon, Balakote, Mankote	Quazi Mohra Nangali Magnad B.Chechian, Jhallas, , Salotri, Digwar, Gulpur Ajote Dara Dullian Dingla Noona Bandi Khanetar, Sathra, Rajpura, Mandi, Loran, Saujian, Draba, Potha, Kallar, Seri Khwaja, Ucchaad, Mankote, Balakote, Mankote

Data base of contacted farmers with KVK till date (No.)										
 Awareness Camp on parthenium										

4. Seed/Planting material introduced by KVK in the district

S. No.	Crop	Variety	Procured from	Year	Quantity	Beneficiaries
1.		-	-			
2.						
3.						
4.	Cucurbits					
5.	Strawberry					
6.	Poplar					

5. Planting material Production by KVK

Particulars	Crop I	Qty. (No.)	Crop II	Qty. (No.)	Crop III	Qty.	Crop IV	Qty. (No.)	Crop V	Qty. (No.)	Crop VI	Qty. (No.)
2006-07	-	-	-	-	-	-	-	-	-	-	-	-
2007-08	Tomat	2000	Chili	500	Brinjal	500	Cucurbits	200	Strawberry	500	Poplar	100

	o											
2008-09	-	-	-	-	-	-						
2009-10	-	-	-	-	-	-						
2010-11	-	-	-	-	-	-						
2011-12	-	-	-	-	-	-						
2012-13	-	-	-	-	-	-	-	-	-	-	-	-
2013-14	-	-	-	-	-	-	-	-	-	-	-	-
2014-15	-	-	-	-	-	-	-	-	-	-	-	-
2015-16	-	-	-	-	-	-	-	-	-	-	-	-

1. Planting material Production by KVK

Particulars	Crop I	Qty. (No.)	Crop II	Qty. (No.)	Crop III	Qty.	Crop IV	Qty. (No.)	Crop V	Qty. (No.)	Crop VI	Qty. (No.)
		-		-	-	-	-	-	-	-	-	-
2013-14	-	-	-	-	-	-	-	-	-	-	-	-
2014-15	-	-	-	-	-	-	-	-	-	-	-	-
2015-16	Peacanut	500	walnut	5000	-	-	-	-	-	-	-	-

2. Seed Production by KVK

Particulars	Crop I	Variety	Qty. (Kg)	Value	Crop II	Variety	Qty.	Value	Crop III	Variety	Qty.	Value
2008-09	-	-	-	-	-	-	-	-	-	-	-	-
2009-10	-	-	-	-	-	-	-	-	-	-	-	-

2010-11	-	-	-	-	-	-	-	-	-	-	-	-
2011-12	-	-	-	-	-	-	-	-	-	-	-	-
2012-13	-	-	-	-	-	-	-	-	-	-	-	-
2013-14	Oats	Kent	925	-	Wheat	HS 490	600	-	-	-	-	-
2014-15	Oats	Sabzar	2130	1,43,775	-	-	-	-	-	-	-	-
2015-16	Oats	Sabzar	1000	Not yet sold	-	-	-	-	-	-	-	-

3. Linkages developed in last 10 years

S. No.	Name of organization	Type of linkage
1	Department of Agriculture, Poonch	Meetings, conducting training programmes, invitation of lectures, Kissan mela, Exhibitions, T&V, SAC, Distt. Plan meeting, Awareness camp
2	State Department of Horticulture	Meeting, Training programmes, Vocational trainings, Consultancy
3	Animal Husbandry Department	Meetings, invitation of lectures, Trainings, Awareness camp
4	Sheep Husbandry Department	Meeting, conducting training programmes, Trainings
5	Co-operatives	In-service training
6	State Department of Floriculture	Training Programmes
7	State Department of Fishries	Training programmesS
8	NGOs	Awareness camp in far flung area (NYKs)
9	Divisional Commissioner	District Plan Meetings

4. Dignitaries' visits to KVK in last 10 years

S. No.	Name of dignitary	Date	Event (if any)
01	Dr. K.S. Risam, Director Extension, SKUAST-J	10.05.2008	Maiden Visit
02	Dr. K.S. Risam, Director	27.11.2008	Chaired 1st SAC Meeting

	Extension, SKUAST-J		
03	Dr. K.S. Risam, Director Extension, SKUAST-J	23.10.2009	Chaired 2nd SAC Meeting
04		11.10.2010	Chaired 3rd SAC Meeting
05	Dr. K.S. Risam, Director Extension, SKUAST-J	11.10.2010	Attended 3rd SAC Meeting
06	Sh. N.N. Vohra, Governor/Chancellor, SKUAST-J	15.03.2011	Inaugurated the office complex of KVK Poonch
07	Dr. B. Mishra, Hon'ble Vice Chancellor	15.03.2011	
08	Dr. K.S. Risam, Director Extension, SKUAST-J	09.09.2011	Chaired 4th SAC Meeting
09	Dr. K.S. Risam, Director Extension, SKUAST-J	15.05.2012	Chaired 5th SAC Meeting
10	Dr. K.S. Risam, Director Extension, SKUAST-J	19.03.2014	Chaired 6th SAC Meeting
11	Dr. K.S. Risam, Director Extension, SKUAST-J	15.12.2014	Chaired 7th SAC Meeting
12	Dr. Pardeep Kumar Sharma, Hon'ble Vice Chancellor	03.06.2014 & 04.06.2014	Maiden Visit
13	Dr. K.S. Risam, Director Extension, SKUAST-J	03.06.2014 & 04.06.2014	Official Visit
14	Dr. Vinod Wali, Director Researh, SKUAST-J	03.06.2014 & 04.06.2014	Official Visit
15	Dr. S. Prabhu Kumar, ZPD, Zone-1, Ludhiana	18.09.2014	Official Visit
16	Sh. Jahangir Mir, Hon'ble Deputy Chairman, Legislative Council, J&K	18.08.2015	Chaired Pre-Kharif Kisan Mela
17	Sh. Yashpal Sharma, Hon'ble MLC	18.08.2015	Attended Pre-Kharif Kisan Mela
18	Dr. Pardeep Kumar Sharma, Hon'ble Vice Chancellor	18.08.2015	Attended Pre-Kharif Kisan Mela

19	Dr. K.S. Risam, Director Extension, SKUAST-J	18.08.2015	Attended Pre-Kharif Kisan Mela
20	Dr. Pardeep Kumar Sharma, Hon'ble Vice Chancellor	21.12.2015	Chaired 8th SAC Meeting
21	Dr. K.S. Risam, Director Extension, SKUAST-J	21.12.2015	Attended 8th SAC Meeting
22	Dr. J.P. Sharma, Director Research, SKUAST-J	21.12.2015	Attended 8th SAC Meeting
23	Sh. Yashpal Sharma, Hon'ble MLC	25.03.2016	Chaired Pre-Rabi Kisan Mela
24	Sh. Haroon Malik, District Development Commissioner Poonch	25.03.2016	Attended Pre- Rabi Kisan Mela
25	Dr. Pardeep Kumar Sharma, Hon'ble Vice Chancellor	25.03.2016	Attended Pre- Rabi Kisan Mela
26	Dr. K.S. Risam, Director Extension, SKUAST-J	25.03.2016	Attended Pre- Rabi Kisan Mela

5. Publications in last 10 years

Book publications:

Production economics and marketing" in *The Pear – Production, Post Harvest Management and Protection*. IBDC Publishers, Lucknow, 226001, U.P. India	Sudhakar Dwivedi, **Pawan Kumar Sharma** and S.P.Singh
Book : Recent Trends in Plant Disease Management in India. Published by Kalyani Publisher, Ludhiana, India PP. 468.	**Dr. Shahid Ahamad** **(2012)**
Terminology on Plant Pathology. Jaya Publishing House. Delhi-1100195, India PP 167.	**Dr. Shahid Ahamad** and Ali Anwar (2013)
Breeding of Ricebean (*Vigna Umbellata*) PP 64 Publisher: LAP-LAMBERT, Germany	**Dr. Sanjeev Kumar**
Breeding of rice (*Oryza sativa* L) PP 152 Publisher: LAP-LAMBERT, Germany	**Dr. Sanjeev Kumar**
Genetics of Linseed/Flax PP 124 Publisher: LAP-LAMBERT, Germany	**Dr. Sanjeev Kumar**
"Broiler Production: Economics and Marketing" – New Delhi Publishers, New Delhi, India.	Dwivedi, S. Dolma, M and Pawan Kumar Sharma

POPULAR ARTICLES

Pawan Kumar Sharma and Anil Bhat	"Boosting Agri exports through AEZs" (2011) in *"Daily Excelsior"* Vol. 47, No. 117.
Pawan Kumar Sharma and Sanjeev Kumar	"Traditionalism Vs Technology in Agriculture" (2011) in *"Daily Excelsior"* Vol. 47, No. 144

Pawan Kumar Sharma and Arvind Ishar	"Attracting rural youth to agriculture" (2011) in *"Daily Excelsior"* Vol. 47, No. 186
Pawan Kumar Sharma and Anil Bhat	"Shifting From subsistence to commercial agriculture"
Anil Bhat and **Pawan Kumar Sharma**	"Role of women in agriculture" (2011) in *"Daily Excelsior"* Vol. 47, No. 283
Pawan Kumar Sharma and Sudhakar Dwivedi	"Procurement policy for augmenting agricultural production" (2011) in *"Daily Excelsior"* Vol. 47, No. 317
Pawan Kumar Sharma and Vishal Mahajan	"Food subsidy: Disincentive for increasing agricultural production" (2011) in *"Daily Excelsior"* Vol. 47, No. 355.

PAPERS PUBLISHED IN COMPEDIUMS

Pawan Kumar Sharma, Sanjay Khar and Suraj Prakash	Augmenting share of rural youth in agricultural development. National Seminar on "Attracting rural youth to sustainable Agriculture" at UAS Bangalore on Aug. 26-28, 2011.
Pawan Kumar Sharma, Arvind Ishar and Suraj Prakash	Knowledge Management in context of WTO. Published in training course on "WTO in agriculture" organized by Division of Agricultural Economics SKUAST-Jammu w.e.f Feb. 8-9, 2012.
Pawan Kumar Sharma, Sanjay Khar and Sanjeev Kumar	Exception to Basic Principles. Published in training course on "WTO in agriculture" organized by Division of Agricultural Economics SKUAST-Jammu w.e.f Feb. 8-9, 2012.
Pawan Kumar Sharma,	Addressing to the challenges of WTO: Role of extension functionaries. Published in training course on "WTO in agriculture" organized by Division of

S.P. Singh	Agricultural Economics SKUAST-Jammu w.e.f Feb. 8-9, 2012.
Sharma, Pawan Kumar; **Sanjay-Swami** and Ishar, Arvind	Agricultural Marketing System in the Intermediate Hills of Jammu and Kashmir. *Agri-business Potentials in India: Experiences from Hill States*, (eds.) Singh, Ram; Naik, Dibakar and Feroze, S.M., EBH Publishers (India), Guwahati, pp. 557-570. ISBN: 978-93-83252-21-3.
Sanjay-Swami; Bazaya, B.R.; Chand, L.; Jat, N.K. and Arora, R	Site Specific Nutrient Management for Increasing Crop Productivity. PrecisionFarming: A New Approach, (eds.) Ram, T.; Lohan, S.K.; Singh, R. and Singh, P., Daya Publication House, New Delhi, India pp.240-257. ISBN: 978-81-7035-827-5.

Research Papers

C.K. Lidhoo and **Sanjay Khar**	Effect of hot air drying temperature on quality and consumer acceptability of tomato. *Journal of Instituation of engineers (India). Vol.92. June 2011. P21-24.*
Amit Kumar Kohker, **Sanjeev Kumar** and Vijay Kumar (2011).	Combining ability and association studies for marketable fruit yield, seed and seed related traits in Okra (*Abelmoschus esculentus (L) Moench*). Green Farming 34(2):393-95.
Neerja Sharma, Gupta Arun and Arora R K **2011**	Constraints in the vegetable production in the hilly areas of Jammu Division. *Journal of Hill Agriculture2(1):38-41*
Rajan Salalia and **Arvind Ishar**	On Farm Validation of bio-control of mustard aphid (*Lipaphis erysimi*) by ladybird beetle. Accepted in *Indian Journal of Applied Entomology*
Pawan Kumar Sharma, Anil Bhat and S.P. Singh. **2011**	Curtailing market risks in hilly areas though Commodity Future Trading: a study of farmers' perspective (2011). Bioved 22(2): 143-150.

S.P. Singh, **Pawan Sharma**, Anil Bhat and N Ahmad. **2011**.	Economic viability of Allahabad Kshetriya Gramin Bank, A case study of RRBs of eastern U.P. (2011). Bioved 22(2): 223-23.
Anil Bhat, **Pawan Kumar Sharma** and	Participation of rural women in decision making. New Agriculturist 23(1): 1-4.
Sudhakar Dwivedi, **Pawan Kumar Sharma** and Anil Bhat	An Analytical Study of Capital Formation in India: With Special Reference to Indian Agriculture. (2011) Economic Affairs 56(4):359-363.
Pawan Kumar Sharma, Sudhakar Dwivedi, Anil Bhat and S P Singh	Marketed Surplus of Maize in Intermediate Zone of Jammu and Kashmir Research Journal of Agricultural Sciences 2011, 2(4): 896-898.
Pawan Kumar Sharma, Sudhakar Dwivedi **and Suraj Prakash**	Responding to the rural development challenges through better agriculture in Sustainable Rural Development (2011). Radha Publications. Pp. 35-43
Pawan Kumar Sharma, Sudhakar Dwivedi **and Suraj Prakash**	Agribusiness and Contract Farming for rural development in *Sustainable Rural Development* (2011). Radha Publications. Pp. 89-95.
Sanjeev Kumar and R K Chahota (2012).	Mutagenic effectiveness and efficiency in Macrosperma Lentil (Lens culinaris Medik.) under mid hills of North-Western Himalayas. Himachal Journal of Agricultural Research (Accepted).
Sanjeev Kumar Jagdish Kumar and Kiran (2012)	Combining ability analysis for seed and seedling traits in indigenous maize (Zea mays L) germplasm of Himachal Pradesh. The Madras Agricultural Journal MAJ Vol. 99 (10-12): 645-48.
Sharma, P.K., **Kumar Sanjeev**, Ishar AK, Parkash, S. and	Economic Impact of Front Line Demonstrations (FLD's) in Poonch district of Jammu & Kashmir. Economic Affairs 57(1): 99-106.

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Vishal Mahajan, Amrish Vaid, A.P. Singh and **Sanjeev Kumar** (2012)	Ethnobotanical inventory on medicinal plants of North Western Himalayas. Journal of Krishi Vigyan Vol 1(1): (July -December, 2012).
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Babita Khachi, S.D. Dev Sharma, **Muzafar Mir** and Gumere.V. 2015	Study on comparative efficacy of bioorganic nutrients on plant growth, leaf nutrient content and fruit quality attributes of kiwifruit. Journal of Applied and & Natural Science, 7(1),175-181
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S.N Qurashi, K.Javid, **Mir. Muzafar,** S. Mehraj and b.A. Padder. 2016	Effect of rootstocks age & type of scion wood on epicotyle grafting in walnut (Juglans regia.L) under kashmir condition. Ecology, Environment and Conservation. Vol:3, 216-19

Sanjay-Swami; Ishar, A.K.; Kumar, S. and Jamwal, S.S	*A Pocket Diary of Ongoing Central and State Government Schemes for Farmers in J&K with reference to District Poonch*, Krishi Vigyan Kendra, Poonch, SKUAST-Jammu.

Sanjay-Swami; Ishar, A.K.; Kumar, S. and Jamwal, S.S. 2014	*A Pocket Diary on Protection of Plant Varieties and Farmers' Right Act, 2001*. Krishi Vigyan Kendra, Poonch, SKUAST-Jammu.
Sachin Gupta, V.K.Razdan, Moni Gupta, Arvind Ishar, Deepak Kumar, Shabir Ahmed and Ranbir Singh	*Khumb ke beejon ki Gunvatta evam Pehchaan*

Pocket dairies

Sanjay-Swami	"KVK-Poonch: Empowering Women in Agriculture", *The Regional Voice*, Vol. 1, Issue 32, October 07, 2013, p.04.
Sanjay-Swami	"Role of KVK-Poonch in Technology Transfer", *The Regional Voice*, Vol. 1, Issue 31, September 30, 2013, p.04.
Swami, S.; Sharma, Pawan; Gupta, A.; Parkash, S; Sharma, M and Mir, M. 2016	Poda kisam aor krishak aadhikar sarankshan: Poonch ke kissanon ke liye suavsar

Leaflets/Pamphlets

1. Kitchen gardening (2011)
2. Nursery raising in hot beds (2011)
3. Off-season vegetable nursery raising (2011)
4. Nursery raising technology (2011)
5. Calendar for vegetable activities (2011)
6. Seasonal calendar of vegetables for Poonch region (2011)

7. Vermi-compost Preparation a profitable venture for small farmers (2011)
8. Kitchen gardening (2011)
9. Nursery raising in hot beds (2011)
10. Wheat seed production (2015)
11. Apple cultivation (Urdu)- 2015
12. Walnut cultivation (Urdu)- 2015
13. Pecan nut cultivation (Urdu)- 2015
14. Plum cultivation (Urdu)- 2015
15. Apricot cultivation (Urdu)- 2015
16. Napier cultivation for fodder security (2016)
17. Pardhan Mantri Fasal Bhima Youjana (2016)

"Farm Records & Impact Assessment Indicators: A guide for Krishi Vigyan Kendras".	**Pawan Kumar Sharma** and K.S. Risam. 2015

(B) Symposium/Seminars

Shahid Ahamad (2012).	Seed discolouration in rice grains in the intermediate zone of Jammu region. In: Nat.Symposium on Emerging Trends in Plant Pathology organized by Indian Society of Mycology and Plant Pathology at SKUAST-Jammu in December 19-20,2012
Sanjeev Kumar	Gene action study in indica x japonica derivatives of rice. Presented in 2nd J&K agricultural Science congress held in SKUAST-Jammu wef 15th to 17th December,

(2012)	2012 at page no. 178.
Sanjeev Kumar, Shahid Ahamad, Pawan Kumar (2012)	Role of maize hybrids for increasing the productivity in Poonch presented in 2nd agricultural science congress w.e.f. 15th to 17th December, 2012 at page no. 08.
Sanjeev Kumar (2012)	Screening of rice hybrids against rice blast under foot hills of North Western Himalayas' presented in symposium of emerging trends in Plant Pathology held at SKUAST Jammu w.e.f. 19 to 20th December, 2012 at page no. 53.
Arvind kumar Ishar, Suraj Parkash, Pawan Sharma, Anamika jamwal, Sonika Jamwal	"Management of Chilli wilt" in National Symposium on "Emerging Trends in Plant Pathology" 19-20 Dec 2012 at SKUAST-Jammu
Arvind kumar Ishar, Suraj Parkash, Pawan Sharma, Anamika jamwal, Sonika Jamwal	"Management of Phytopthora blight in Tomato" in National Symposium on "Emerging Trends in Plant Pathology" 19-20 Dec 2012 at SKUAST-Jammu
Anamika Jamwal, Sonika Jamwal, Amrish vaid and **Arvind Ishar**	Evaluation of Bio Agents against Pythium Apradnidermatum causing damping off of chilli. in National Symposium on "Emerging Trends in Plant Pathology" 19-20 Dec 2012 at SKUAST-Jammu
Sonika Jamwal, Anamika Jamwal and **Arvind Ishar**	Management of Ring Rust or Aonta Rust caused by Ravenelia Emplicae with chemicals in National Symposium on "Emerging Trends in Plant Pathology" 19-20 Dec 2012 at SKUAST-Jammu
Anamika jamwal, Amrish vaid, Sonika Jamwal, Brijesg Airawat	On Farm Trial : An Aprroach for management of late blight in Potato in National Symposium on "Emerging Trends in Plant Pathology" 19-20 Dec 2012 at SKUAST-Jammu

and **Arvind Ishar**	
Sonika Jamwal, Anamika Jamwal, **Arvind Ishar**	Management of Tomato wilt caused by Fusarium Oxysporum f. sp. Lycopersici with Trichoderma Spp. in National Symposium on "Emerging Trends in Plant Pathology" 19-20 Dec 2012 at SKUAST-Jammu
	Incidence of blister beetle(Mylabris Pusturata) : An emerging threats to Maize production in Poonch district in 2nd J&K Agriculture Science Congress 15-17 Dec. 2012 at SKUAST-J pp.223

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Pawan Kumar Sharma, Sanjay Khar and Suraj Prakash	Augmenting share of rural youth in agricultural development. National Seminar on "Attracting rural youth to sustainable Agriculture" at UAS Bangalore on Aug. 26-28, 2011.
Pawan Kumar Sharma, Arvind Ishar and Suraj Prakash	Knowledge Management in context of WTO. Published in training course on "WTO in agriculture" organized by Division of Agricultural Economics SKUAST-Jammu w.e.f Feb. 8-9, 2012.
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Pawan Kumar Sharma, S.P. Singh	Addressing to the challenges of WTO: Role of extension functionaries. Published in training course on "WTO in agriculture" organized by Division of Agricultural Economics SKUAST-Jammu w.e.f Feb. 8-9, 2012.

	Plant diseases management in Kharif Crops. KVK, Poonch, pp 45.

Pawan Kumar Sharma and Anil Bhat	Boosting Agri exports through AEZs" (2011) in "Daily Excelsior" Vol. 47, No. 117.
Pawan Kumar Sharma and Sanjeev Kumar	"Traditionalism Vs Technology in Agriculture" (2011) in "Daily Excelsior" Vol. 47, No. 144
Pawan Kumar Sharma and Arvind Ishar	"Attracting rural youth to agriculture" (2011) in "Daily Excelsior" Vol. 47, No. 186
Pawan Kumar Sharma and Anil Bhat	"Shifting From subsistence to commercial agriculture"
Anil Bhat and Pawan Kumar Sharma	Role of women in agriculture" (2011) in "Daily Excelsior" Vol. 47, No. 283
"Pawan Kumar Sharma and Sudhakar Dwivedi	"Procurement policy for augmenting agricultural production" (2011) in "Daily Excelsior" Vol. 47, No. 317
Pawan Kumar Sharma and Vishal Mahajan	"Food subsidy: Disincentive for increasing agricultural production" (2011) in "Daily Excelsior" Vol. 47, No. 355.
Dr. Shahid Ahamad	Maize : as Kharif Cereal forage for Live stock of Hilly areas of Poonch Region, Krishi Vigyan Kendra, Poonch-185101, SKUAST-Jammu (J.&K.).
Dr. Shahid Ahamad	BAJRA: as Kharif Cereal forage for Live stock of Hilly areas of Poonch region , Krishi Vigyan Kendra, Poonch-185101, SKUAST-Jammu (J.&K.).
Dr. Shahid Ahamad	Jowar (Sorghum): as Kharif Cereal forage for Live stock of Hilly areas of Poonch Region, Krishi Vigyan Kendra, Poonch-185101. SKUAST-Jammu (J.&K.).
Dr. Shahid Ahamad	Oat : as Rabi Cereal forage for Live Stock of Hilly areas of Poonch Region,, Krishi Vigyan Kendra, Poonch-185101, SKUAST-Jammu (J.&K.).

Dr. Shahid Ahamad	Grasses for Live Stock of Hilly areas of Poonch region, Krishi Vigyan Kendra, Poonch-185101, SKUAST-Jammu (J.&K.).
"Shifting From subsistence to commercial agriculture"	Pawan Kumar Sharma and Anil Bhat

1.1. Others (Books/Book Chapters)

2. Awards/Recognition

Name of Award/Recognition	Awarding Institute	Year of Award
Awards to KVK		
Awards to Scientists/Staff		
Awards to Farmers of the district		

3. Success stories in last 10 years (in 1500 words with Action Photographs)

4. Success stories/Case studies, if any (two or three pages write-up on each case with suitable action photographs)

a) Name: Zameela Khatoon

Parentage: Mohd. Deen

Age: 19 years

Address: R/o Gulpur

Qualification: Primary

Ms. Zameela Khatoon D/o Mohd. Deen, resident of village Gulpur of Poonch district is only a primary educated youth. Her father is a mason having annual family income of Rs. 8400/-. She belongs to a marginal farmer category having farm of 7 kanals in which maize-wheat crop rotation is practiced. In base line survey, she showed interest in acquiring skills of stitching. K.V.K. Poonch has organized a 20 days vocational training on Cutting and Tailoring in March 2009 at village Gulpur. Ms. Zameela Khatoon is one of the participants in the training. After learning basic skills of cutting and tailoring for 20 days, she practiced for one month in a private tailoring shop in Poonch. In June 2009, she started works of tailoring ladies suits at her own home. Now, she is stitching 12-15 suits per month @ Rs. 75/- per suit, thus earns Rs. 750-800 per month which helps in increasing her annual family income by 6.5% .

Sources of Family Income

S.No.	**Land**	**Irrigated/Un-Irrig.**	**Crop**	**Annual Net Income**
1.	7 kanal	Un-irrigated	Maize	900/-
		Un-irrigated	Wheat	650/-
S.No.	**Animal**	**Breed**	**No.**	**Annual Net Income**
1.	Buffaloes	Local	01	1350/-
S.No.	**Others**	**-**	-	8400/-

Total Annual Income of the family before setting of enterprise: 11300/-

Date of Establishment of new enterprise: June 2009

Income per Month from new enterprise: Rs. 750/-

Total Annual Income of the family after the setting of an enterprise: 12050/-

TITLE : Crop Diversification

Introduction

Sr. Amreek Singh, retired army personnel owns 05 hectares of land in village Jhallas of Haveli Tehsil in Poonch district. He was growing traditional crops like maize, paddy and wheat at his farm. He was able to just cater his needs of food and other necessities of his family. Along with cereal crops he was rearing a milch animal at his farm.

He was also having a water harvesting tank at his farm which was being used for raising vegetables on an area of just 0.05 ha.

KVK intervention: KVK Poonch motivated the farmer to adopt diversified farming at his farm. He was imparted training in different fields of agriculture like seed production, mushroom cultivation and pisciculture. In association with Deptt. Of Agriculture, the farmer was sent on exposure visit to other areas of the state as well as the country. This visit motivated the farmer to adopt diversified farming. A Front Line Demonstration on improved variety of wheat viz. HS-490 was laid out at his farm.

Output: He is now earning more than 5 lacs per annum by diversifying his farm activities**.**

Outcome: The famer is now successfully raising diverse crops and enterprises at his farm viz. Mushroom, Fish, Milk, Backyard Poultry, Maize, Wheat, Paddy, Vermicompost and vegetables at his farm. Fish is being reared in the water harvesting tank and excess water is being used to raise vegetables on an area of 0.2 hectares. He is also producing seed of wheat var. HS-490 and is selling the same to other farmers of the area thereby replacing the old varieties and increasing the productivity o f h is fellow farmers. Number of milch animals has also been increased and recently he has installed a bio-gas plant at his farm and all the fuel consumption in his kitchen is met out by this gas.

Sr. Amreek Singh has won District level Progressive Farmer Award.

Impact : The farmer has became the source of inspiration for other farmers and 4 more farmers of the area have started harvesting the stream water in small ponds and started vegetable cultivation, mushroom cultivation and backyard poultry at their farm therby increasing their annual income besides providing employment round the year. He is now working as Farmer Friend of KVK and is also Member of Scientific Advisory Committee of KVK, Poonch.

PHOTOGRAPHS OF DIVERSIFIED AGRICULTURE

5. Major Constraints/Limitations faced by KVK in last 10 years

Farmers of the district have been cultivating chilli for last several years. The major problem in chilli cultivation was losses due to wilt. As high as 90 per cent losses in chilli were recorded in the area due to wilt. Most of the farmers of the area had shifted to some other crop and area under chilli cultivation was reduced to almost 20 per cent. KVK, Poonch conducted OFT on Management of Chilli wilt for two years in village Ucchad and Magnad and also conducted farmer trainings on Management of Chilli wilt. Two management techniques were demonstrated viz. Cultivation on raised bed

and treatment with bavistin and cultivation on raised bed and seed treatment with Dithane M-45. With these treatments the disease was well managed and yield was raised to almost double the untreated plots.

Now, farmers of the area have adopted these management techniques and are growing chilli crop successfully. Horizontal expansion of these techniques have been studied and it has been observed that about 57 farmers of the area have adopted the management techniques demonstrated in farmer's training .Farmers of the area who had abandoned chilli cultivation are now again shifting back to chilli crop.

Incidence of chilli wilt

Management of chilli wilt with active participation of the farmers

Enhanced Maize productivity in Poonch district:

KVK play major role for increasing the productivity of Maize in Poonch. Earlier the farmers were not aware about hybrids (mainly single cross hybrids). Most of the farmers were growing composites and outdated hybrids which are less yielding and susceptible to biotic and abiotic stresses.

Firstly the areas were identified by SMSs of KVK,Poonch and found that more than 90% area was sown by composites, synthetics, double cross hybrids, etc. To make the farming community aware, farmers' training programmes were conducted on "Scientific cultivation of maize" in which various important aspects of maize were discussed with them (viz. management of biotic and abiotic stresses, single cross hybrids, use of weedicides, insecticides etc). In 2008, six hectare area were sown under FLDs of Maize by KVK,Poonch and it was observed that 32.35% higher yield was recorded over local check. Average yield was 48.72 qt./ha which is higher than district maize productivity 194.45qt./ha) and national productivity of maize. In 2009, 32 hectare of area was covered under FLDs benefitting 100 farmers and average productivity of FLDs was 23.12 qt/ha which is 50% higher than the yield of local check and also higher than the state and national productivity. In 2011, FLDs of maize wase conducted in 06 ha area and hybrid was supplied PA 4794. It was found that average yield of maize 35.27 q/ha which was 26.51% higher than the yield of local check.

During 2012, 10 hectare area was covered for conducting Maize FLDs and same hybrid was supplied as in 2011. It was observed that PA 4794 gave average yield 32.65 q/ha which is higher than district (18.64 q/ha) maize yield as well as state and national productivity.

To sum up it was found that by the intervention of KVK, Poonch average maize yield of FLDs were much higher than the district state and national productivity. It was only happened by the hard working, honesty & dedication towards duty by Scientific staff of KVK Poonch. "Now we can say that KVK has played vital role for increasing the productivity of maize in Poonch."