

**KVK ACTION PLAN YEAR 2016-17**

**KVK Location: Jalgaon Jamod**

**District: Buldana**

**State: Maharashtra**

**Table: 1 Present Staff Position in KVK as on April 2016-17**

S. No	Sanctioned Post (PC-1, SMS-6, PA-3)	Name of the incumbent	Regular or in-charge /RA	Discipline	Pay Scale	Present basic pay	Date of joining in KVK
1	Sr. Scientist and Head	Vacant	In-charge	--	37400-67000 RGP-9000	--	Vacant
2	SMS	Anil T. Gabhane	Regular	Plant Protection	15600-39100, GP-5400	34180	27.06.95
3	SMS	Shyamsunder A. Borde	Regular	Extension Education	15600-39100, GP-5400	28250	25.02.05
4	SMS	Sanjay M. Umale	Regular	Agronomy	15600-39100, GP-5400	27420	19.06.06
5	SMS	Dr. Vinod S. Janotkar	Regular	AHDS	15600-39100, GP-5400	25840	18.12.08
6	SMS	Shashank P. Datey	Regular	Horticulture	15600-39100, GP-5400	25080	08.07.09
7	SMS	Nitin P. Talokar	Regular	Agril. Engg.	15600-39100, GP-5400	23640	08.03.11
8	Prog. Assistant	Ku.Jyoti W.Bobde	Regular	Home Science	9300-34800, GP-4200	23840	22.02.02
9	Prog. Assistant	Yogesh R. Wakekar	Regular	Computer	9300-34800, GP-4200	20770	19.02.02
10	Farm Manager	Samadhan J. Bagade	Regular		9300-34800, GP-4200	20770	17.06.95
11	Assistant	Pradip E. Raut	Regular		9300-34800, GP-4200	20340	10.07.95
12	Stenographer	Vacant			5200-20200, GP-2400	--	Vacant
13	Driver	Syed Jaffer	Regular		5200-20200, GP-2000	12240	01.07.95
14	Driver	Pandurang L.Gayaki	Regular		5200-20200, GP-2000	12240	16.10.95
15	Supp. staff	Ramesh T. Wankhade	Regular		5200-20200, GP-1800	10370	01.08.96
16	Supp. staff	Ramesh L. Ingle	Regular		5200-20200, GP-1800	10620	01.07.95

**Table: 2 Details of KVK Operational villages during 2016-17**

S. No.	Name of the village	Year of Start	PRA exercise/survey completed/not completed	Thrust areas identified based on problems	Programmes proposed (OFT/FLD/Trg.prog/Awareness camp/ G. Discussion etc.)
1	Talaswada Tq: Malkapur,	2015-16	PRA survey completed	<ul style="list-style-type: none"> <li>Integrated Nutrient Management, Weed Management, Crop Diversification in major cereals i.e. Maize, Sorghum, Wheat.</li> </ul>	OFT on soybean and wheat FLD pigeon pea and bengalgram Soil health camp Training programme
				<ul style="list-style-type: none"> <li>Variety, Integrated Nutrient Management, Integrated pest Management Mechanization, Use of BBF in oilseed</li> </ul>	FLD on BBF FLD on IPM
				<ul style="list-style-type: none"> <li>Improved variety, Nutrient Management, Water management, Pre/post harvest mgt, Pest &amp; disease management, value addition and processing of major fruit crops.</li> </ul>	FLD on Onion weed management, Field day on onion crop Training for dryland fruit crop cultivation technology.
				<ul style="list-style-type: none"> <li>Use of Improved implements for mechanization of dryland Agriculture, In-situ soil moisture conservation, drip &amp; Sprinkler irrigation system</li> </ul>	FLD on BBF for soybean crop FLD on BBF for bengalgram crop Trainings on in-situ moisture conservation Training on micro-irrigation sys. maintenance
				<ul style="list-style-type: none"> <li>Low nutrition status of women &amp; child, Use of drudgery reducing farm implements /equipments for farm women</li> </ul>	OFT on soybean mitten Training on drudgery reduction Vocational training on tailoring
				<ul style="list-style-type: none"> <li>Capacity building programme for strengthening up of SHG / farmers club</li> </ul>	Training programme for SHG
				<ul style="list-style-type: none"> <li>Improved breed, Feed &amp; Fodder production, disease management, Animal health, low cost supplementary feed for livestock dairy, goatary &amp; poultry, Value addition and processing of milk.</li> </ul>	OFT on probiotics suppliments OFT on mineral mixture supplementation FLD on azolla, FLD on therpatic management Training on dairy management, disease management, value addition, feed & fodder management, goat management.

2	Konti, Tq:KHamgaon	2015- 16	PRA survey completed	<ul style="list-style-type: none"> <li>• Integrated Nutrient Management, Weed Management, Crop Diversification in major cereals i.e. Maize, Sorghum, Wheat.</li> </ul>	OFT on wheat FLD pigeon pea and bengalgram Soil health camp, Training programme
				<ul style="list-style-type: none"> <li>• Variety, Integrated Nutrient Management, Integrated pest Management Mechanization, Use of BBF in oilseed</li> </ul>	FLD on BBF FLD on IPM
				<ul style="list-style-type: none"> <li>• Improved variety, Nutrient Management, Water management, Pre/post harvest management, protected cultivation of vegetables, Pest &amp; disease management, value addition and processing of major fruit crops,</li> </ul>	FLD on Onion weed management, FLD on crop specific micro-nutrient management in chili. Field day on onion crop Training for dryland fruit crop cultivation, Training on protected cultivation of vegetables.
				<ul style="list-style-type: none"> <li>• Use of Improved implements for mechanization of dryland Agriculture, In-situ soil moisture conservation, drip &amp; Sprinkler irrigation system</li> </ul>	FLD on BBF for soybean crop FLD on BBF for bengalgram crop Trainings on in-situ moisture conservation Training on micro-irrigation system maintenance. Training on small scale processing & value addition
				<ul style="list-style-type: none"> <li>• Low nutrition status of women &amp; child, Use of drudgery reducing farm implements /equipments for farm women</li> </ul>	OFT on Okra mitten and okra plucker Training on drudgery reduction Vocational training on tailoring
				<ul style="list-style-type: none"> <li>• Capacity building programme for strengthening up of SHG / farmers club</li> </ul>	Training for SHG
				<ul style="list-style-type: none"> <li>• Improved breed, Feed &amp; Fodder production, disease management, Animal health, low cost supplementary feed for livestock dairy, goatary &amp; poultry, Value addition and processing of milk.</li> </ul>	OFT on probiotics suppliments OFT on mineral mixture supplementation FLD on azolla FLD on therpatic management Training on dairy management, disease management, value addition, feed & fodder management, goat management.

**Table: 3 Action Plan for On-farm Testing (Assessment) during 2016-17**

S. No	Discipline	Year of start	Title of the OFT	Season/Month	No. of farmers	Area (ha)	Treatments in brief	Observations to be recorded
1	Agronomy	2016-17	Assess the performance of application of sulphur@30 kg/ha + Zinc 2.5 kg /ha along with recommended dose N (30kg/ha)and P(75kg/ha ) In medium deep soil having deficiency of sulphur & zinc	Kharif 16-17	13	5.20	<b>T<sub>1</sub></b> – Farmers practice (sowing of Soybean in Without application of sulphur@30 kg/ha +Zinc 2.5 kg /ha ) <b>T<sub>2</sub></b> - (sowing of Soybean in With application of sulphur@30 kg/ha + Zinc 2.5 kg /ha along with recommended dose N (30kg/ha)and P(75kg/ha )	Plant height(cm), No of pods / Plant, Yield q/ha, Cost of cultivation, C:B ratio
2	Agronomy	2016-17	Assess the performance of Pusa Hydrogel on Wheat	Rabi 16-17	13	5.20	<b>T<sub>1</sub></b> – Farmers practice (Without Use of Pusa Hydrogel) <b>T<sub>2</sub></b> – Sowing of wheat seed mixed with Pusa <a href="#">Hydrogel@2.5Kg/ha</a>	Plant height(cm), No of cobs/ Plant, Yield qt/ha, Cost of cultivation, C:B ratio No. of irrigations
3	Horticulture	2016-17	To Assess Pusa Hydrogel for moisture deficient reduction in Onion	Summer	13	2.60	T <sub>1</sub> – Farmers Practise T <sub>2</sub> – Pusa Hydrogel	No. Of irrigation Yield/ ha, B: C ratio
4	Horticulture	2016-17	Assessment of Improved variety Arka Rakshak of Tomato over local F1 hybrids	Rabi	13	2.60	T <sub>1</sub> – Farmers Practise (local hybrids) T <sub>2</sub> – Arka Rakshak Variety	Avg yield, Avg days fruit harvest, Avg shelf life of fruit, B: C ratio
5	Horticulture	2016-17	Assessment of Seed Spices (Ajwain) over agronomical crops	Late Kharif	13	2.60	T <sub>1</sub> – Farmer Practise. T <sub>2</sub> – Ajwain crop	Aveg yield/ha, days to harvest, B: C ratio

6	Plant Protection	2016-17	Management of stemfly in kharif soybean	Kharif	07		T1 – Farmers practice – 2-3 sprays of insecticides like Quinolphos 25EC, Chloropyriphos 20EC, flubendiamide 20WG and Imamectin benzoate 5SG T2 – Soil application of phorate 10 % CG @ 15 kg / ha at the time of sowing followed by trizophos 40 % EC @ 625 ml / ha after 10-15 days after sowing T3 – Seed treatment of thiamethoxam 30% FS @ 10ml per kg seed followed by spraying of trizophos 40 % EC @ 625 ml / ha after 10-15 days after sowing.	% infestation of stemfly per mrl, Yield qt/ha, B:C Ratio
7	Plant Protection	2016-17	Management of Pink bollworm on Bt cotton	Kharif	13		T1 – No special attention towards management of pink boll worm. T2 – Need base Spray of Lamdacylothrhhrin 5% EC@10ml Followed by Propenophos 50% EC@20ml per 10 lit.water at the interval of 15 days(8 to 10 moth catches per trap for 2 to 3 days or at 80 DAS or 5% ETL)	Per cent open Boll Damage Per cent Green Boll Damage Yield qt/ha, B:C Ratio
8	Agril.Engg.	2016-17	To Refine PKV Tractor Drawn Turmeric Harvester for harvesting of Turmeric ryzomes in Black Cotton soil of Buldana District.	Summer	15	6.00	T1: Farmer Practice (Use of Tractor Drawn Cultivator) T2: PKV Tractor Drawn Turmeric Harvester  T3: Refined PKV Tractor Drawn Turmeric Harvester	1. Field Capacity (ha/hr) 2. Field Efficiency 3. Cost of operation 4. Crop Yield in Harvesting (qt/ha) 5. Labour required for collection

9	Animal Science	2016-17	Popularization of commercial probiotics supplementation in buffalo calves	Kharif	10	20 cows	T <sub>1</sub> – farmers practice( Feeding of milk/ butter milk) T <sub>2</sub> – T <sub>1</sub> + Feeding of probiotics	1. Av. Weight gain. 2. Mortality rate. 3. Health status..
10	Animal Science	2016-17	Feeding of area specific mineral mixture to lactating animals of buldhana district		10	10 animals	T1 = Farmers Practice (Feeding of mineral mixture available in market @ 50 gms /day). T2= Feeding of area specific Minerals mixture @ 50 gms per day	1. Av. Milk yield. 2. Intercalving period 3. Onset of oestrous after parturation 4. Incidence of metabolic diseases
11	Home Science	2016-17	To assess the performance of okra pluckier & okra mitten for okra harvesting		10		T1- Traditional method for okra harvesting T2- Okra pucker T3- Okra Mitten	i. Okra harvesting capacity kg/hr ii. Time saving iii. Labours saving iv. Cost of operation /ha v. Drudgery recorded
12	Home Science	2016-17	Assessment of soybean mitten		13		T1- Farmer practice T2- Use of soybean mitten for soybean harvesting	1. Work out put 2. No of scratches

**Table: 4 Action Plan for Front Line Demonstrations 2016-17**

S.No	Name of Crop/enterprise/implement	Purpose of the demo.	Type of demo. (component/whole package)	Thematic area Ex: NRM/ INM/IPM/ IDM/IWM, etc	Variety	Season (kharif/Rabi/Summer)	Pl. specify rainfed Or Irrigated
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	Pigeonpea	Increase the yield through use of High yielding Variety	Variety PKV TARA/BDN-711	Varietal evaluation	Variety PKV TARA/BDN-711	Kharif	Rainfed
2	Green gram	To demonstrate the effect of improved Variety on Yield	Variety BM2003-2	Varietal evaluation	Variety BM2003-2	Kharif	Rainfed
3	Black gram	demonstrate the effect of improved Variety on Yield	Variety AKU-15	Varietal evaluation	Variety AKU-15	Kharif	Rainfed
4	Bengalgram	To increase the productivity, To demonstrate the effect of improved Variety on Yield	Variety Digvijay	Varietal evaluation	Variety Digvijay	Rabi	Irrigated
5	Watermelon/Muskmelon	To increase yield, and reduces crop failure due to heavy infestation of pest	Crop Cover	IPM	Sugarbaby	Summer	Irrigated
6	Chilli	To increase yield & reduce flower & fruit drop due to micronutrient deficiency	Crop specific micronutrient foliar spray	Nutrient Management	Manaswini, Tejaswini, Teja	Rabi	Irrigated
7	Onion	To increase yield due to reduction in weed infestation	Weed management	Weed management	AGFLR, Pusa Red	Rabi	Irrigated
8	Pigeon pea	Effective management of Helicoverpa armigera	Single component	IPM	PKV-TARA	Kharif	Rainfed
9	Bengalgram	Effective management of Helicoverpa armigera in bengalgram.	Single component	IPM	JAKI-9218	Rabi	Rainfed
10	Soybean	BBF Planter developed by Dr. PDKV, Akola.	Result Demo.	Farm Mechanization	JS-335	Kharif	Rainfed

11	Bengalgram	BBF Planter developed by Dr. PDKV, Akola.	Result Demo.	Farm Mechanization	JAKI-9218	Rabi	Irrigated
12	Cotton	Use of Cotton Slasher for Slashing cotton stalks	Result Demo.	Farm Mechanization	Bt cotton	Kharif	Irrigated
13	Ground Nut	BBF Planter developed by Dr. PDKV, Akola.	Result Demo.	Farm Mechanization	TAG-24	Summer	Irrigated
14	Poultry	To save cost of feed	Result demonstration	Feed and fodder			
15	Cattle	Effect of package of practice to increase milk production	Result demonstration	Animal health			
16	Cattle	Increase in milk yield and nutritious diet during scarcity period	Result demonstration	Feed and fodder			
17	Women Health (iron rich toffee)	To Prevent iron deficiency i e anaemia in adolescent girl To aware the disease of Anemia	Single Component	Women & child care	--	--	--
18	Sorghum products	To improve economical states in farm women	Single component	Value addition	--	--	--
19	Back Yard Poultry	Dual purpose bird for back yard poultry free range farming	Whole package	Income generating activity	Grampriya Suwarndhara	--	--



Soil type	Previous crop	Farmers (No.)	Area (ha)	Critical inputs identified	Cost of inputs (Rs./ha)	Parameters for data collection	Name of the village
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
BC Soil	Soybean	50	20	Seeds Biofertilizer Sulphur	3000/- Demo	Plant Height No of Pods/plant Yield qt/ha C:B ratio	Nimgaon Avdha Talaswada
BC Soil	Cotton	50	20	Seed Biofertilizer	2000/- Demo	Plant Height No of Pods/plant Yield qt/ha C:B ratio	Wasali Nimgaon
BC Soil	Cotton	50	20	Seed Biofertilizer	2000/- Demo	Plant Height No of Pods/plant Yield qt/ha C:B ratio	Wadali Dhanora khd
BC soil	Soybean	50	20	Seed cv.Digvijay Biofertilizer 13:00:45 Micronutrient Emammectin Benzoate Corajan	2700/- Demo	No Pods/plant Yield qt/ha Yield increase C:B ratio	Avdha Nimgaon Wadali
Light to medium		05	1.00	Crop cover (Poly mulch)	10000/-	Yield/ha, B: C ratio, Avg. Maturity days	Konti, Warwat, Sangrampur, Bhasan
Light to medium		25	10.0	Arka vegetable special micronutrient+ soil testing charges	9500/-	Yield/ha, B:C ratio	Sungaon, Jamod, Datala, Motala, Malkapur
Light to medium		25	10.0	(Goal + Turga Super ) weedicide + soil testing	9500/-	Yield/ha, B:C ratio	Talaswada, Konti, Nimgaon
Clay loam	Soybean sorghum Maize	25	10.0	Cloranttriniliprole 18.5%EC @ 60 ml Emamectin benzoate 5 SG @ 100gns per demo	2500/-	Percent pod damage 2.Cost of PP 3.Yield qt/ha	Talaswada Maiswadi Tandulwadi konti

Clay loam	Maize Greengram Soybean	25	10.0	Chloropyriphos 20 EC Emamectin benzoate 5 SG @ 100gns per demo	2500/-	1.No. Of larve per mrl Cost of PP Yield qt/ha	Talaswada Maiswadi Tandulwadi konti
BC Soil	Cotton	50	20	Hiring charges @ Rs. 800/acre	40000/-	Field Capacity (ha/hr) Field Efficiency (%) Cost of operation(Rs/ha) Crop Yield (qt/ha)	Nipan Umara Bhandari
BC Soil	Soybean	50	20	Hiring charges @ Rs. 800/acre	40000/-	Field Capacity (ha/hr) Field Efficiency (%) Cost of operation (Rs/ha) Crop Yield (qt/ha)	Manasgaon Yeulkhed
BC Soil	Soybean	50	20	Hiring charges @ Rs. 800/acre	40000/-	Field Capacity (ha/hr) Field Efficiency (%) Cost of operation (Rs/ha) Residue Incorporation (Tonnes/ha)	Aadvihir Tighra
BC soil	Soybean	50	20	Hiring charges @ Rs. 800/acre	40000/-	Field Capacity (ha/hr) Field Efficiency (%) Cost of operation (Rs/ha) Crop Yield (qt/ha)	Manasgaon Yeulkhed
		10	200 birds	Supply of 1 kg azolla culture & silpauline polythene sheet	6000/-	Av. Wt gain Age at maturity stage Total eggs production	Talaswada,Mhaispur,Tand ulwadi Kaunti
		10	20 animals	Mineral mixture Liq Harmotone Tab Doscmecc Liq. Calcium	10000/-	Av. Milk yield General health status Post parturient complication	Konti, Rohana Warna

		10	20 animals	Supply of Silage bag	12000	Av. Milk yield Av. Weight gain Acceptability of feed for consumption	Talaswada, Mhaispur Kaunti
		25		Iron rich toffee	5000	Haemoglobin level	Nimgaon Konti
		10		Sealing machine Food grade packing material Nutrition labelling 1000lable	15000	Consumer performance Economic of value added products	Bawanbir, Jalgaon Ja.
		20		Supply of Grampriya and Suwarndhara breed day old chicks	15000/-	No. Of egg production Weight gain at maturity stage Mortality %	Konti, Talaswada

**Table:5 Action Plan for Training Programmes during 2016-17**

S.N.	Discipline	Title of the training programme	Thematic area	Venue (On/ Off campus)	Name of the village/taluka	Dates	Duration	Trainees (No.)		Cost of training (Rs.)	Source of fund
								Male	Female		
1	Agro.	Importance of Soil and Water Testing	Soil health and fertility management	off	Borjawala	May-16	1	35	5	1600	CAIM.
2	Agro.	Kharif crop planning and Integrated farming system	Integrated farming system	off	Wadji	May-16	1	25	5	1200	Agri dept.
3	Agro.	Need of crop Residue incorporation in soil	ICM	off	Amboda	May-16	1	25	5	1200	KVK
4	Agro.	Contengency crop plan for Buldana District	ICM	on	KVK	June-16	1	15	5	800	KVK
5	Agro.	Importance and Need of Seed Treatment in Kharif Crop	ICM	off	Talaswada	June-16	1	25	5	1200	KVK
6	Agro.	Improved Cultivation of kharif Pulses	ICM	on	KVK	June-16	1	100	25	6000	KVK
7	Agro.	Efficient use of chemical mfertilizers	Soil health and fertility management	on	KVK	June-16	1	20	5	1000	KVK
8	Agro.	Identification of Micro nutrient Defficiency in Khrip crop and their Management	Nutrient Management	off	Talaswada, Nimgaon	July-16	1	25	5	1200	KVK

9	Agro.	Weed Management of Kharif crop	Weed Management	off	Konti	July-16	1	35	5	1600	KVK
10	Agro.	Preparation of Botanical Extract ( Weed Extract)	Production of Organic Input	on	KVK	Aug-16	1	25	5	1200	KVK
11	Agro.	Improved cultivation of gram	ICM	on	KVK	Sept-16	1	40	10	2000	KVK
12	Agro.	Seed production Technology of gram	Seed Production	on	KVK	Sept-16	1	25	5	1200	KVK
13	Agro.	Seed production Technology of Wheat	Seed Production	off	Karmoda	Oct-16	1	25	5	1200	KVK
14	Agro.	Improved Method of Composting	Production of Organic Input	off	Konti	Jan-17	1	25	5	1200	KVK
15	Agro.	Scope and need of Organic farming	Organic Farming	off	Wadgaon	Feb-17	1	25	5	1200	KVK
16	Horti	Ultra density orchard plantation preparation for site	Fruit crop	On	KVK	April/16	01	15	05	800	KVK
17	Horti	Management of Mrig Bahar in Pomegranate crop	Fruit crop	Off	Konti	May/16	01	35	05	1600	KVK
18	Horti	Pre-monsoon vegetable production, scope for new farmers	Vegetable crop	Off	Sungaon	June/16	01	20	00	800	KVK
19	Horti	Integrated crop management in Chilli	vegetable crop	Off	Konti	July/16	01	40	10	2000	KVK
20	Horti	Plantation of marigold,	Ornamental crops	On	KVK	Aug/16	01	15	05	800	KVK

		Chrysanthemum & improved package of practises									
21	Horti	Crop Diversification of Ajwain, Fennel over Agronomical crops	Spices crops	Off	Yeulkhed	Sept/16	01	35	05	1600	KVK
22	Horti	Kagzi-lime, cash fruit crop for small farmers of Buldana district	Fruit crop	On	KVK	Oct/16	01	15	05	800	KVK
23	Horti	Nursery management in Vegetable crops	Vegetable crop	On	KVK	Nov/16	01	15	10	1000	KVK
24	Horti	Effect of cold waves on banana cultivation	Fruit crop	Off	Kakanwada	Dec/16	01	15	00	600	KVK
25	Horti	Post harvest technology in Turmeric & Ginger	Spices crop	Off	Jalgaon	Jan/17	01	20	00	800	KVK
26	Horti	Improved package of practises in Watermelon cultivation	Vegetable crop	Off	Warwat	Feb/17	01	20	00	800	KVK
27	Horti	Water management in high-value crops at scarcity time	Fruit crop	Off	Talaswada	March/17	01	20	00	800	KVK
28	Horti	Nursery management of vegetables crop	Protected Cultivation	On	KVK	June 16	07	15	05	15600/-	KVK
29	Horti	Protected cultivation of vegetable crops	Protected Cultivation	On	KVK	Feb 17	15	15	00	15600/-	KVK

30	PP	Cultural method for pest management	Integrated pest and disease mgt	Off	Talaswad	April 16	1	15	5	800/-	KVK
31	PP	Integrated pest management in cotton	Integrated pest and disease mgt	Off		May 16	1	15	5	800/-	KVK
32	PP	Strategy for management of sucking pest in cotton	Integrated pest and disease mgt	Off		June 16	1	15	5	800/-	KVK
33	PP	Integrated pest management in soybean	Integrated pest and disease mgt	On	KVK	June 16	1	15	5	800/-	KVK
34	PP	Strategy for management of pest & diseases in pomogranate	Integrated pest and disease mgt	On	KVK	June 16	1	15	5	800/-	KVK
35	PP	Low & no cost techniques of pest management in cotton	Integrated pest and disease mgt	On	KVK	July 16	1	15	5	800/-	KVK
36	PP	Importance of pest surveliance in pest management	Integrated pest and disease mgt	Off		Aug 16	1	15	5	800/-	KVK
37	PP	Integrated Pest Management in redgram	Integrated pest and disease mgt	On	KVK	Sept.16	1	15	5	800/-	KVK
38	PP	Integrated Pest Management in bengalgram	Integrated pest and disease mgt	Off		Oct.16	1	15	5	800/-	KVK
39	PP	Pest & disease management in custard Apple	Integrated pest and disease mgt	On	KVK	Nov.16	1	15	5	800/-	KVK

40	PP	Integrated Pest Management in onion	Integrated pest and disease mgt	Off		Dec.16	1	15	--	600/-	KVK
41	PP	Pest & disease mgt in watermelon	Integrated pest and disease mgt1	Off		Feb.17	1	15	--	600/-	KVK
42	Agril. Engg.	Acid and chlorine treatment for increasing life of drip set	Reapir and maint. Micro irrigation	On	KVK	May 2016	1	20	05	1000	KVK
43	Agril. Engg.	Use of BBF for sowing of Soybean crop gram crop	Farm Implements	Off	Konti	June 2016	1	15	--	600	KVK
44	Agril. Engg.	Use of BBF for sowing Soybean crop	Farm implements	OFF	Sungaon	June 2016	1	20	05	1000	KVK
45	Agril. Engg.	In Situ Soil and Water Conservation	Soil and water Conservation	OFF	Lonwadi	June 2016	1	15	05	800	KVK
46	Agril. Engg.	Fertigation Through Micro Irrigation	Reapir and maint. Of Micro irrigation	Off	Wadgaon	June 2016	1	15	05	800	KVK
47	Agril. Engg.	Farm Machineries	Use of BBF Planter for Sowing	On	KVK	June 16	1	20	05	1250	KVK
48	Agril. Engg.	Rain Water Harvesting	Soil & water Conservation	ON	KVK	July 2016	1	15	05	800	KVK
49	Agril. Engg.	Advance implements for drudgery reduction in intercultural operation	Farm Implements	Off	Talswada	Aug 2016	1	15	05	800	KVK



50	Agril. Engg.	Opening up of Furrow for moisture conservation	Soil and water Conservation	On	KVK	Sep 2016	1	15	05	800	KVK
51	Agril. Engg.	Use of reaper for harvesting of Soybean	Post Harvest Technology	OFF	Kherda	Oct 2016	1	15	05	800	KVK
52	Agril. Engg.	Use of BBF for sowing of Bengal gram crop	Farm Implements	OFF	Malkapur	Nov 2016	1	15	05	800	KVK
53	Agril. Engg.	Shetnet for protective cultivation of Vegetable crops	Farm Structure	OFF	Jamod	Jan 2017	1	15	05	800	KVK
54	Agril. Engg.	PKV feed mill for production of feed pallets	Small Scale Processing	ON	KVK	March 2017	1	15	05	800	KVK
55	Agril. Engg.	Dal Milling an Enterprise for rural youths	Processing	ON	KVK	March 2017	1	15	05	800	KVK
56	Agril. Engg.	PKV Fruit grader for grading of round shape citrus fruits (lemon& sweet orange)	Post Harvest Technology	ON	KVK	March 2017	1	15	05	800	KVK
57	Agril. Engg.	Production of small tools and implements in workshop	Tractor repair & maintenance	On	KVK	September 2016	7	20	05	8750	KVK
58	Agril. Engg.	processing of dal with the help of PKV Mini Dal Mill	Small Scale Processing and Value Addition	On	KVK	March 2017	7	20	05	8750	KVK

59	Vet. Science	Production of Azolla substitute feed for livestock.	Dairy Feed Management	Off	Konti	08.04.16	01	15	05	800/-	KVK
60	Vet. Science	Formulation of low cost feed for lactating animals	Feed Management	Off	Talaswada	05.05.16	01	15	05	800/-	KVK
61	Vet. Science	Use of probiotics supplementation in dairy animals	Disease Management	OFF	Konti	12 .05.16	01	15	05	800/-	KVK
62	Vet. Science	Importance of Mineral mixture in dairy animals	Dairy Management	ON	KVK	08.06.16	01	10	05	600/-	KVK
63	Vet. Science	Care and management of metabolic disorder in dairy animals	Disease Management	ON	KVK	12.07.16	01	12	03	600/-	KVK
64	Vet. Science	Use of area specific mineral mixture in the diet of livestock in Buldana district	Dairy management	ON	KVK	18.08.16	01	15	00	600/-	KVK
65	Vet. Science	Care and management of Mastitis in dairy animals	Disease Management	OFF	Wadgaon	22.09.16	01	15	05	800/-	KVK
66	Vet. Science	Various Contagious disease & their control in dairy animals	Disease Management	ON	KVK	17.10.16	01	12	03	600/-	KVK
67	Vet. Science	Care and management of new born calf	Dairy management	ON	KVK	21.11.16	01	15	05	800/-	KVK
68	Vet. Science	Improve the digestibility &	Feed Management	On	KVK	23.12.16	01	12	03	600/-	KVK

		palatability of available dry roughage									
69	Vet. Science	Backyard poultry farming – A subsidiary business	Poultry production	ON	KVK	12.01.17	01	15	00	600/-	KVK
70	Vet. Science	New technologies of feeding in dairy animals	Feed and Fodder Management	ON	KVK	17.02.17	01	20	00	800	KVK
71	Vet. Science	Care and management of dairy animals during summer season	Dairy Management	ON	KVK	14.03.17	01	15	05	800	KVK
72	Vet. Science	Care & management of dairy cattle	Dairy Management	On	KVK	June 16	05	15	05	10000	KVK
73	Vet. Science	Poultry farming –A subsidiary business	Poultry Farming	On	KVK	Aug.16	05	20	05	12000	KVK
74	Vet. Science	Care & management of dairy cattle	Goat Management	On	KVK	Nov.16	05	15	05	10000	KVK
75	Extn	How to take soil sample	Soil and Water Testing	Off	Bhendwal	May 16	01	15	05	800/-	KVK
76	Extn	Awareness about subsidiary business to agriculture	Capacity Building	Off	Konti	June 16	01	15	05	800/-	KVK
77	Extn	Most promising technology for increasing cotton production	Integrated crop management	ON	KVK	June 16	01	15	05	800	KVK
78	Extn	Most promising technology for	Integrated crop	ON	KVK	July 16	01	15	05	800	KVK

		increasing soybean production	management								
79	Extn	Awareness about Market Information Center	Capacity Building	Off	Asalgaon	July 16	01	15	05	800/-	KVK
80	Extn	Techniques of programme evaluation	Capacity Building	ON	KVK	Aug.16	01	15	05	800/-	KVK
81	Extn	Low & no cost technology for rainfed farming	Integrated crop management	ON	KVK	Aug.16	01	15	05	800	KVK
82	Extn	Most promising technology for increasing pulses production	Integrated crop management	ON	KVK	Sept.16	01	15	05	800	KVK
83	Extn	Preparation of organic inputs	Production of organic inputs	ON	KVK	Sept.16	01	15	05	800	KVK
84	Extn	Innovative methods in Extension	Capacity Building	ON	KVK	Sept.16	01	15	05	800/-	KVK
85	Extn	Awareness about IPR Issue	Capacity Building	ON	KVK	Oct.16	01	15	05	800/-	KVK
86	Extn	Most promising technology for increasing fruit & vegetable production	Integrated crop management	ON	KVK	Oct.16	01	15	05	800	KVK
87	Extn	Poultry & Dairy : Subsidiary business to agriculture	Subsidiary business	ON	KVK	Nov. 16	01	20	--	1600/-	KVK
88	Extn	Market led extension	Capacity Building	ON	KVK	Nov. 16	01	15	05	800/-	KVK
89	Extn	Use of AV Aids	Capacity Building	On	KVK	Dec. 16	01	15	05	1600/-	KVK

90	Extn	PRA Techniques	Communication Tech.	ON	KVK	Feb.17	01	15	05	800/-	KVK
91	Extn	Sericulture	Entrepreneurship Deve.	Off	Asalgaon	July 16	07	20	--	5600/-	KVK
92	Extn	Sericulture	Entrepreneurship Deve.	Off	Changefal	Oct 16	07	20	--	5600/-	KVK
93	Home Science	Safe Storage of food grain	Value addition	On	KVK	April 16	01	--	20	1000/-	KVK
94	Home Science	Importance of miner millet Value addition product from Bajara	Design & deve. of low cost & high nutritious diet	Off	Warwat	May 16	01	--	20	800/-	KVK
95	Home Science	Value added products from Jawar	Design & development of low cost	off	Bawanbir	May 16	01	--	20	800/-	KVK
96	Home Science	Importance of safe drinking water	Hygein & Health	On	KVK	June 16	01	--	20	800/-	KVK
97	Home Science	House hold food security by kitchen gardening	Household food security by kitchen gardening	Off	Nimgaon	June 16	01	--	20	800/-	KVK
98	Home Science	Importance of soybean in diet & its value added products	Design & development of low cost	Off	Tunki	July 6	01	--	20	800/-	KVK
99	Home Science	Health & nutritional education & preparation of low cost nutritious recipes to Asha worker	Child & women's care	On	KVK	Aug. 16	01	--	20	800/-	KVK
100	Home Science	Nutritional knowledge for adolescent girls	Women & child care	Off	Konti	Aug. 16	01	--	20	800/-	KVK

101	Home Science	Training on milk & milk product	Value addition	On	KVK	Sept 16	01	--	20	800/-	KVK
102	Home Science	Mushroom cultivation	Income generating activity	Off	Lonwadi	Oct 16	01	--	20	800/-	KVK
103	Home Science	Preparation of various Chutney	Value addition	On	KVK	Nov 16	01	--	20	800/-	KVK
104	Home Science	Health Hygiene nutritional knowledge & preparation of amal products toaganwadi workers	Child & women care	On	KVK	Dec. 16	01	--	20	800/-	KVK
105	Home Science	Technique for aonla value added products	Value addition	On	KVK	Jan 17	01	--	20	800/-	KVK
106	Home Science	Technique of prepare of bakery products	Drudgery reduction	On	KVK	Feb 17	01	--	20	2000	KVK
107	Home Science	Tailoring Certificate course	Income generating activity	Off	Talawwada	April 16	90	--	20	10000/-	KVK
108	Home Science	Technique for prepare of Natural holi colour	Income generating activity	On	KVK	Feb 17	5	--	20	5000/-	KVK
109	Home Science	Food & fruit processing	Food processing	On	KVK	Oct 16	5	--	20	5000/-	KVK
110	Home Science	Amala procesing	Value addition	On	KVK	Nov 16	3	--	20	5000/-	KVK
111	Home Science	Soya processing	Value addition	On	KVK	Aug 16	3	--	20	5000/-	KVK
112	Home Science	Technique for oyster mushroom cultivation	Income generating activity	On	KVK	Dec 16	5	--	20	5000/-	KVK

**Table: 6 Action Plan for KVK Seed Production Farm (Crops) 2016-17**

S.No.	Crop	Variety	Area Allocation (ha)	Season	Target seed yield (q)	Expected revenue generation (Rs.)
1	Soybean	MAUS-158, MAUS-162	4.00	Kharif 16	80.00	480000.00
2	Greengram	IPM-02-3, BM-2003-2	1.00	Kharif 16	7.00	56000.00
3	Blackgram	AKU-15	0.40	Kharif 16	6.00	48000.00
4	Redgram	PKV-TARA	2.00	Kharif 16	30.00	300000.00
5	Maize	Uday	1.00	Kharif 16	50.00	80000.00
6	Bengalgram	Digvijay / Krupa	1.00	Rabi 16	17.00	102000.00

**Table: 7. Action Plan for KVK demonstration Units (Production of Seedling/bio-products/Livestock/fisheries etc) 2016-17**

S.No.	Discipline	Crop/Enterprise	Year of establishment	Units (No. Of seedlings/ livestock/fish seed)	Season	Production Target	Expected Revenue generation (Rs.)
1	Horticulture	Custard Apple	2010	01	Kharif	12000	120000/-
		Guava	2010		Kharif	2500	50000/-
		Citrus	2010		Kharif	3500	70000/-
		Sweet Orange	2010		Kharif	2500	50000/-
2	Animal Science	Poultry		01		300 birds 2 batches	45000/-
		Goat unit		01		40+2	35000/-
		Azolla	2015-16	01		60 kg	7500/-

**Table: 8 Status of Revolving Fund**

Year	Income during the year	Expenditure during the year	Closing balance as on 31 <sup>st</sup> March
April 2013-March 2014	13.29	13.27	16.39
April 2014-March 2015	15.82	12.59	19.62
April 2015-March 2016	28.10	16.04	31.68

**Table: 9 Action plan for organizing Extension Activities during 2016-17**

S.No.	Activity	Dates	No. of programmes	No. of participants	Topic	Budget required (Rs.)	Scientists associated	Remarks
1	Field Days	Dec-16	1	100	Pigeonpea	6000	S.M.Umale	
		Aug-16	1	75	Greengram/Blackgram	5000	S.M.Umale	
		Jan-17	1	75	Bengalgram	5000	S.M.Umale	
		Sept-16	1	25	Effect of arka vegetable special in Chilli	1500	S.P. Datey	
		Mar -17	1	25	Crop cover technology for pest control	1500	S.P. Datey	
		Dec. 16	1	50	IPM in cotton	2000/-	A.T.Gabhane	
		Oct.16	1	50	IPM in Soybean	2000/-	A.T.Gabhane	
		Feb. 17	1	50	IPM in bengalgram	2000/-	A.T.Gabhane	
		Oct 16	1	60		1000	N.P.Talokar	
		Jan 17	1	60		1000	N.P.Talokar	
		Mar 17	1	45		900	N.P.Talokar	
2	Kisan Melas	June 16	2	250	Pre-kharif melawa	30000	S.A.Borde	
		Oct. 16			Pre-rabi melawa			
3	Technology week	Sept. 16	1	400	Various technologies	20000	S.A.Borde	
4	Radio talk	Jun.16	1		Kharif Crop Planning		S.M.Umale	
		Jun.16	1		Importance of seed treatment		S.M.Umale	



		1		Crises Management in Bt cotton		S.M.Umale	
	Feb.17	1		Post Harvest Technology in Banana		S.P. Datey	
	Mar. 17	1		Watermelon cultivation		S.P. Datey	
	Jan.17	1		Management of Onion crops in Buldana		S.P. Datey	
	Sept.16	1		Strategy for sucking pest management in cotton		A. T. Gabhane	
	Aug.16	1		Management of soybean defoliator		A. T. Gabhane	
	Aug.16	1		Various Farm implements for crop production and need based solution		N.P.Talokar	
	Feb.17	1		Care & Management of dairy cattle during summer season		Dr.V.S.Janotkar	
	Jan.17	1		Importance of Green fodder production		Dr.V.S.Janotkar	
	Feb.17	1		Urea treatment in wheat straw		Dr.V.S.Janotkar	
	Nov.16	1		Importance of heat detection under field conditions		Dr.V.S.Janotkar	
	Oct.16	1		Care and management of mastitis in dairy animals		Dr.V.S.Janotkar	
	Sept.16	1		Azolla and Hydroponics fodder production		Dr.V.S.Janotkar	
	Sept.16	1		Drudgery Reduction tools of Farm Women		J.W. Bobde	
	Nov.16	1		Importance of medicinal plants in nutritional garden		J.W. Bobde	

		Dec.16			Soya Processing		J.W. Bobde	
5	<b>TV talks</b>	Jul 16	1		Cultivation of Banana crops for farmers benefit		S.P. Datey	
		Aug.16	06		IPM in cotton Manag of white grub IPM in soybean IPM in bengalgram IPM in redgram IPM in onion		A. T. Gabhane	
		Jul 16	1		Rearing of Goat for Meat purpose		Dr. V.S.Janotkar	
		Aug 16	1		Azolla cultivation		Dr. V.S.Janotkar	
		Oct. 16	1		Awareness about mastitis in dairy animals		Dr. V.S.Janotkar	
		Jan.17	1		Care and management of dairy animals during summer season		Dr. V.S.Janotkar	
		Sept.16	1		Mushroom Cultivation		J.W. Bobde	
		Oct.16	1		Drudgery reduction tools		J.W. Bobde	
		6	<b>Production of CDs (Electronic Media)</b>	Dec. 16	1		KVK activities	
7	<b>Literature</b>	Apr 16- Mar 17	05		Agronomy, Horticulture, Plant Protection, Agril.Engg. Vet. Science	20000	KVK Staff	
8	<b>Evaluation of programmes</b>	--						
9	<b>Kisan Mobile Advisory</b>	Apr-Mar 16	01	122620	Agriculture, Horticulture, Animal Husbandry, Marketing , Weather, Events	--	KVK staff	--
10	<b>Farmers Interest Groups</b>	--						
11	<b>Formation of SHGs</b>	--						

12	<b>Exposure visits</b>	Nov.16	01		Dr. PDKV, Akola	4000	S.A. Borde		
13	<b>Celebration of important days</b>								
	<b>ICAR Day</b>	July 16	01	40		1000	S.A.Borde		
	<b>World Food Day</b>	16.10.16	01	50		1000	J.W. Bobde		
	<b>Women's Day</b>	08.03.17	01	100		1500	J.W. Bobde		
	<b>World Animal Day</b>	Oct 14	01	250 animals	Animal health & vaccination camp	3000	Dr.V.S.Janotkar		
14	<b>Others (specify)</b>								
15	<b>Soil health camp</b>	Feb-16	01	150	Soil health camp	6000	S.M.Umale		
16	<b>Soil testing Campaign</b>	May-16	01	40	Soil testing	2000	S.M.Umale		
17	<b>Field visit</b>	July16	01				S.M.Umale		
		July16	01				S.M.Umale		
		Aug.16	01				S.M.Umale		
		Aug. 16	01				S.M.Umale		
		Sept.16	01				S.M.Umale		
		Sept.16	01				S.M.Umale		
		Oct.16	01				S.M.Umale		
		Nov.16	01				S.M.Umale		
		June 16 – Mar 17	15 nos.					A.T.Gabhane	
		June 16 – Mar 17	8 nos.					N.P.Talokar	
18	<b>Method Demonstration</b>	Jan 17	1	30	Growth regulator & its use	1200	S.P. Datey		
		Mar 17	1	30	Bordo pest application & mixture	1200	S.P. Datey		
19	<b>Kisan Goshti</b>	June 16	1	30	New technology of feeding in dairy animals	800/-	Dr.V.S.Janotkar		
		Sept 16	1	25	Importance of Minerals mixture in dairy Animals	900	Dr.V.S.Janotkar		
		Dec 16	1	20	Backyard poultry farming	900	Dr.V.S.Janotkar		

		Feb 17	1	25	Care and management of mastitis in dairy animals	900	Dr.V.S.Janotkar	
		15.09.16	1	20	Value addition in soybean	800/-	J.W.Bobde	
		22.11.16	1	20	Back yard poultry	800/-	J.W.Bobde	
		21.12.16	1	20	Drudgery reduction tools	800/-	J.W.Bobde	
20	<b>SHG coverer meeting</b>	20.04.16	1		Maintenance of SHG record	400	J.W.Bobde	
		23.06.16	1		Repayment of loan	400	J.W.Bobde	
		14.08.16	1		Maintenance of SHG record	400	J.W.Bobde	
		20.10.16	1		Maintenance of SHG loan record & repayment	400	J.W.Bobde	
		10.12.16	1		Group forming	400	J.W.Bobde	
		19.02.16	1		Small scale business	400	J.W.Bobde	
21	<b>Shetkari Mahila Gat Meeting</b>	5.05.16	1		Group forming	400	J.W.Bobde	
		4.07.16	1		Small scale business	400	J.W.Bobde	
		25.09.16	1		Maintenance of loan record & repayment	400	J.W.Bobde	
		15.11.16	1		Entrepreneurship development	400	J.W.Bobde	
		25.01.16	1		Small scale business	400	J.W.Bobde	
		25.03.16	1		Group forming	400	J.W.Bobde	
		18.03.16	1		Small scale business	400	J.W.Bobde	
22	<b>Women &amp; Child Health Camp</b>	Sept 16 Dec.16	02			4000	J.W.Bobde	

**Table: 10 Target for Soil, Water and Plant Analysis during 2016-17**

S.No.	Activity	No. of samples	Place of testing (KVK/Other place)
1	Soil Testing	6200	KVK
2	Water Testing	800	KVK

**Table: 11 Proposed dates of SAC meetings to be conducted during 2016-17**

S.No.	Season	Month
1	Kharif	September 2016
2	Rabi	February 2017

**Table: 12 Details of Sponsored Programmes (New/Continued) during 2016-17**

S. No	Name of the Programme	Year of start	Funding agency	Amount ( Rs.)	Programme Incharge
1	ATMA	2007-08	State Agril. Dept.	500000/-	Mr. S.A. Borde
2	NFSM	2016	State Agril. Dept.		Mr. S.M. Umale
3	Soil analysis	2015	State Agril. Dept.	764000/-	Mr. S.M. Umale
4	PPV&FRA 2001	2014	Ministry of Agriculture, New Delhi	80000/-	Mr. S.A. Borde

**NOTE: FINAL ACTION PLAN SHOULD BE SENT THROUGH MAIL IN THE ABOVE FORMAT**