

UNIVERSITY OF AGRICULTURAL SCIENCES



DHARWAD



**ACTION PLAN REPORT
(2015-16)**

**KRISHI VIGYAN KENDRA
HANUMANAMATTI – 581 115
RANEBENNUR (Tq.), HAVERI (Dt.)
KARNATAKA**

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ZONAL PROJECT DIRECTORATE – ZONE VIII BANGALORE
ACTION PLAN OF KVKs IN ZONE VIII FOR 2015-16

1. General information about the Krishi Vigyan Kendra

1.1	Name and address of KVK with Phone, Fax and e-mail	:	Krishi Vigyan Kendra ,Hanumanamatti , Ranebennur Taluk, Haveri District, Karnataka State Ph: 08373-253524 Fax: 08373-253524 Email: kvk_haveri@rediffmail.com
1.2	Name and address of host organization	:	University of Agricultural Sciences, Krishi Nagar, Dharwad
1.3	Year of sanction	:	1976
1.4	Website address of KVK and date of last update	:	www.kvkhaveri.org and last updated on 07.02.2015

2. Details of staff as on date 28.02.2015

Sl. No.	Sanctioned post	Name of the incumbent	Discipline	Current Pay Band	Current Grade Pay	Date of joining	If Temporary, consolidated amount paid (Rs./month)
2.1	Programme Coordinator	Dr. Sarojani Karakannavar	Home Science	37400-61000	9000	08.07.14	
2.2	Subject Matter Specialist	Mr. D.S.M. Gowda	Ag. Engg	37400-61000	9000	06.10.94	
2.3	Subject Matter Specialist	S.A. Ashtaputre	Plant Pathology	37400-61000	9000	11.06.11	
2.4	Subject Matter Specialist	S.Y. Mukartal *	Animal Science	15600-39100	6000	06.07.09	
2.5	Subject Matter Specialist	Geeta S. Tamgale *	Home Science	15600-39100	6000	01.07.09	
2.6	Subject Matter Specialist	Dr. P.G. Tippanagoudar	Agron.	-	-	02.02.15	21000/-
2.7	Subject Matter Specialist	Dr. Archana B. Bhajantri	Horticulture	-	-	03.02.15	21000/-
2.8	Programme Assistant	Vacant	-	-	-	-	
2.9	Computer Programmer	Rekha K. N.	Prog. Asst. (Computer)	9300-34800	4200	12.11.08	
2.10	Farm Manager	Sairabanu M	Farm Manager	9300-34800	4200	02.07.09	
2.11	Accountant/Superintendent	Vacant	-	-	-	-	
2.12	Stenographer	Saroja B. Talawar	Supporting staff Grade-III	16000-29600	-	06.11.09	
2.13	Driver 1	Bellappa N Indaragi	Driver (LMV)	11600-21000	-	16.02.15	
2.14	Driver 2	Vacant	-	-	-	-	
2.15	Supporting staff 1	K. B. Belakeri	Supporting staff Grade-II	10400-16400	-	01.07.02	
2.16	Supporting staff 2	Vacant	-	-	-	-	

* On Deputation for Ph.D

3. Details of SAC meeting conducted during 2014-15

Sl.No	Date	Major recommendations	Status of action taken in brief	Tentative date of SAC 2015-16
	09.07.2014			June-2015

3.1	To send proposal to University related to rate fixation for custom hiring																																																																																					
	Proposal submitted to UAS, Dharwad through proper channel for approval Date :																																																																																					
3.2	Conducting demonstrations in district of different villages inspite of conducting very few at selected villages only																																																																																					
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3.3	Each scientist should Publish news related to Technologies in orders to reach farmer's success story popular articles. Minimum one popular article per month.																									
	<p>Details of published articles</p> <table border="1" data-bbox="280 320 1962 571"> <thead> <tr> <th>Sl.No.</th> <th>Month</th> <th>Title</th> <th>Name of the Journal</th> <th>Authors</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>June-14</td> <td>Mannu Parikshe – Yashaswi bele utpadanege nandi</td> <td>Krishi Munnade</td> <td>Dr. G. R. Rajakumar</td> </tr> <tr> <td>2.</td> <td>Oct-2014</td> <td>Ona Mevindu gonaguvadeke ?</td> <td>Krishi Munnade</td> <td>Dr.S. Y. Mukartal</td> </tr> <tr> <td>3.</td> <td>Jan-15</td> <td>Pramukha Tarakari belegala kole rogakala nirvahane</td> <td>Annadata</td> <td>Dr. S.A. Ashtapure</td> </tr> <tr> <td>4.</td> <td>2014</td> <td>Experience sharing on drudgery reduction and value added products</td> <td>Frontier home science technologies for knowledge and economic empowerment</td> <td>Sarojani J K, J.S.Hilli, S.G. Raju, S.T. Hundekar</td> </tr> </tbody> </table> <p>KVK Folder</p> <ul style="list-style-type: none"> • Hattiyalli pramuka rogakalu hagu avugala nirvahane • Menasinakayai beleya pramukha rogakalu mattu avugal nirvahane • Hainu raasugalalli kaalu mattu baayi jvara • Kurigalalli baruva pramukha rogakalu mattu hatoti kramagalu • Mevina belegalu haagu shekharane • Jaanuvaaugallina bedeya lakshanagalu mattu kritaka garbhadharane maadialu sukta samaya • Tengu Krishi hagu tengu geleyara balaga • Mannu pariskhe eke? Hege? <p>Book let:</p> <ul style="list-style-type: none"> • Sasya Taligala samrakshane mattu raitara hakkugala kayide 2001 	Sl.No.	Month	Title	Name of the Journal	Authors	1.	June-14	Mannu Parikshe – Yashaswi bele utpadanege nandi	Krishi Munnade	Dr. G. R. Rajakumar	2.	Oct-2014	Ona Mevindu gonaguvadeke ?	Krishi Munnade	Dr.S. Y. Mukartal	3.	Jan-15	Pramukha Tarakari belegala kole rogakala nirvahane	Annadata	Dr. S.A. Ashtapure	4.	2014	Experience sharing on drudgery reduction and value added products	Frontier home science technologies for knowledge and economic empowerment	Sarojani J K, J.S.Hilli, S.G. Raju, S.T. Hundekar
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3.4	Farm manager should shoulder whole farm as central responsibility and execute.																									
3.5	Publishing information in media on alternate cropping systems																									
	Published information in NEWS paper Vijyavani dated 25.07.2014 on Alternate cropping system																									

3.6	Sending SMS regular to farmer and taking action on Registering more farmers					
	Daily 2 to 3 SMS related agriculture, metrological information and Market prices are sent to farmers., Total No. of Farmer registered 3773					
	No. of farmers registered to KVK in year wise month wise					
Month	2010-11	2011-12	2012-13	2013-14	2014-15	Total no. of Farmers
April	0	0	3	0	2	5
May	760	0	19	3	0	782
Jun	0	0	51	0	737	788
July	0	94	11	3	186	294
Aug	0	82	0	1	28	111
Sept	0	67	0	24	43	134
Oct	0	7	0	21	340	368
Nov	0	102	12	27	47	188
Dec	0	0	34	37	114	185
Jan	0	103	10	76	320	509
Feb	0	179	1	0	76	256
Mar	0	1	0	0	152	153
Grand Total	760	635	141	192	2045	3773
	Number of farmers from 192 in 2013-14 to 2045 in 2014-15					

3.7	Conducting more On campus and Vocational trainings												
During 2014-15 conducted 20 On Campus Trainings and 2 Vocational Trainings													
Month	Off campus		On Campus		Vocational Training		Total No. of training	Total No. of farmers					
	No of trainings	No. of farmers	No of trainings	No. of farmers	No of trainings	No. of farmers							
April-14	3	40	00	00	00	00	3	40					
May-14	2	20	00	00	00	00	2	20					
June-14	9	107	3	41	00	00	12	148					
July-14	5	212	3	157	00	00	8	369					
August-14	3	90	00	00	00	00	3	90					
Sept-14	4	131	2	40	00	00	6	171					
Oct-14	2	78	3	65	00	00	5	143					
Nov-14	6	192	3	23	02	40	11	245					
Dec-14	3	92	5	209	00	00	8	301					
Blank	2	55	1	33	00	00	4	88					
Grand Total	39	1017	20	568	02	40	62	1615					
Sponsored training programme:													
Sl no	Date	Title	No Days	Male				Female				Total	Organised by
				GM	SC	ST	Other	GM	SC	ST	Other		
1	18/12/2014	Protection of Plant varieties & farmers rights authority-2001	1	13	54	3	14	10	0	0	6	100	PPFVR,New Delhi
2	5/1/2015	Trichoderma production & application technology	1	1	0	0	14	0	0	0	0	15	Bio Fuel

Work Shop:

Slno	Date	Name of the seminar	M(GM)	M(SC)	M(ST)	M(O)	F(GM)	F(SC)	F(ST)	F(O)	Total	Organised by
1	12/12/2014	Livestock production and management	22	9	10	44	1	0	1	2	89	
2	12/15/2014	Bimonthly	0	0	0	69	0	0	0	3	72	
3	26-27 Feb-2015	Soil and water conservation									100	RKVY

Seminar :

slno	Date	Name of the seminar	M(GM)	M(SC)	M(ST)	M(O)	F(GM)	F(SC)	F(ST)	F(O)	Total	Organised by
1	16/12/2014	Millets production, Processing & value addition	11	0	1	7	23	0	0	7	50	RKVY
2	17/12/2014	Millets production, Processing & value addition	16	3	0	20	10	0	0	1	50	RKVY
3	29/12/2014	Production, Marketing & value addition of dry chillies	19	5	1	2	1	0	0	0	28	Agri. Business & Export Knowledge Center, UASD
4	30/12/2014	Production, Marketing & value addition of Mango	10	0	0	2	1	0	0	0	0	Agri. Business & Export Knowledge Center, UASD
5	29/1/2015	Groundnut cultivation and seed production	5	21	2	22	0	0	0	0	50	RKVY
6	30/1/2015	Groundnut cultivation and seed production	6	6	2	18	8	1	1	8	50	RKVY

3.8	Initiating state awarded farmers as resource person involving in trainings		
	Awarded farmers invited as a resource person during training, seminar, workshop and Exhibitions		
	Sl. No.	Date	Name of the Awardee farmer
	1.	16.10.2014	Sri. Channabasappa Kombile
	2.	16.12.2014	Sri. Mallikarajun Negalur
			Sri. Channabasappa Kombile
			Sri. Jayadev Agadi
			Smt. Basamma
			Smt. Rekha Shidaganal
	3.	18.12.2014	Sri. Mallikarajun Negalur
			Sri. Channabasappa Kombile
	4.	11.02.2014	Sri. Jayadev Agadi
3.9	Visiting different KVK's in order to have mutual exchange of knowledge and experience		
	Action to be initiated during 2015-16		
3.10	Publishing books on local innovative farmers achievements information		
	Innovative farmers published in Krishimela book let “ Annadathana Adhunika tantrajanagalu ”		
3.11	Establishing Biocontrol lab unit on Trichoderma and other biological control agents		
	Established bio control Production unit during November-2014, produced 150 kg of Trichoderma and distributed to farmers		
3.12	Centrally Renovating website regularly and updating information		
	Monitoring regularly		
3.13	Demonstration on compost preparation by maize straw		
	4 Demonstration conducted 02,13, 27 of October month and 17 of November 2014		
3.14	Providing information to farmers on alternative technologies on Maize, Cotton and Chilly		
	Information has been disseminated to farmers regarding IDM in chilli, INM in Maize and ICM in cotton		
3.15	Sending proposal for funding to establishment of Community Radio Station at KVK under ATMA Project		
	Submitted the proposal to The Secretary ,Ministry of Information & Broadcasting,New Delhi, Sent On 09.12.2014		

3.16	To benefit Haveri district farmer sending minimum 10,000 SMS's and also installing flex chart at every RSK				
	Around 3620 farmers were benefitted through SMS , Installed flex charts in 14 RSKs out of 19 RSKs				
	Month	Voice / Text	No. of SMS	No. Of Farmers	
	April-14	Text	4	6744	
	May-14	Text	2	3372	
	Jun-14	Text	24	59891	
	July-14	Text	41	101845	
	Aug-14	Text	43	109237	
	Sept-14	Text	52	153029	
	Oct-14	Text	39	105801	
	Nov-14	Text	41	118439	
	Dec-14	Text	31	93579	
	Jan-15	Text	54	175081	
	Feb-15	Text	26	87774	
		Total	357	1014792	
3.17	Publishing 10 popular articles by each SMS related to their district burning issue related to Agriculture				
	Details of published articles				
	Sl.No.	Month	Title	Name of the Journal	Authors
	1.	June-14	Mannu Parikshe – Yashaswi bele utpadanega nandi	Krishi Munnade	Dr. G. R. Rajakumar
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	4.	Jan-15	Pramukha Tarakari belegala kole rogalala nirvahane	Annadata	Dr. S.A. Ashtapure

3.18	Farm manager has to present Farm cropping plan in SAC meeting
3.19	Publishing articles related to Alternate crop planning during droughts
	Published information in NEWS paper Vijayavani dated 25.07.2014 on Alternate cropping system
3.20	Providing and implements of technical inputs to SMS up to Rs.50,000/- through Revolving funds
	Initiated during the year 2015-16

4. Capacity Building of KVK Staff

4.1. Plan of Human Resource Development of KVK personnel during 2015-16

S. No	New Areas of Training	Institution proposed to attend	Justification
4.1.1	RS and GIS (21 days)	NRSA, Nagpur	Futuristic approach
4.1.2	Carbon sequestration (21 days)	CRRI, Katak	Educate farmers on Carbon management
4.1.3	<ul style="list-style-type: none"> • Dynamic web page designing • Technology model development • Multimedia designing 	-	Needs up gradation
4.1.4	Personality development	KKID, Coimbatore	Personality development
4.1.5	Building alliance through team ship	KKID, Coimbatore	To build team building skills
4.1.6	Value addition to minor millets	CFTRI, Mysore	To learn value addition technologies
4.1.7	Process documentation for development personnel	NAARM, Hyderabad	To learn documentation techniques for KVK activities

4.2. Cross-learning across KVKs during 2015-16

S. No	Name of the KVK proposed	Specific learning areas
4.2.1	Within ring – KVK, Gadag, Sirsi, Bijapur Dharwad	Skills in extension training, Value addition to Minor millets and Amla Seeds, planting materials, fodder slip, cultivation practices of Arecanut and medicinal aromatic plants Formation of commodity groups
4.2.2	Within the zone – KVK, Dharmavaram, Shimoga, Chitradurga	Precision farming Skills in extension training Sharing of knowledge in crop science
4.2.3	Outside zone – KVK, Baramati , Namakkal	Soil data management and software New technologies in animal science

5. Proposed cluster of KVKs to be formed for sharing knowledge/expertise, resources and activities during 2015-16

S. No.	Name of the KVKs included in the cluster	What do you intend to share with Cluster KVKs	What do you expect from Cluster KVKs
5.1	KVK, Gadag, Dharwad,	Extension skills, dry land agriculture, seeds, millets processing & Animal Science	Extension skills, dry land agriculture, seeds
5.2	KVK, Davanagere	Seeds, fertilizer, seedlings and Banana special	Seeds, fertilizer, seedlings
5.3	KVK, Shimogga	Seeds, transplanting technology in rice and Animal Science	Seeds, transplanting technology in rice
5.4	KVK, Uttara Kannada	Seeds, planting materials, fodder slip, cultivation practices of Arecanut and medicinal aromatic plants.	Seeds, seedlings, fodder
5.6	KVK, Hiriyur	Soil & water management skills & farmers contact	Ways & Means Farmers contact for impact study of soil & water management.

6 . Operational areas details proposed during 2015-16

S. No.	Major crops & enterprises	Prioritized problems in these crops/ enterprise	Extent of area (Ha/No.) affected by the problem in the district	Names of Cluster Villages	Proposed Intervention
6.1	Groundnut (R/S)	<ul style="list-style-type: none"> Decreasing productivity in groundnut in Rabi/summer season Low yield due to poor management Susceptible to leaf spot & rust Lack of uniform maturity 	Nil	<ul style="list-style-type: none"> Aladageri (Hirekerur) Lingadahalli (Hirekerur) 	OFT
6.2	Onion	Severe thrips (20%) & purple blotch (25%) infestation reducing the yield upto 25-35%	350 ha	<ul style="list-style-type: none"> Asundi (Ranebennur) Chatra (Byadgi) Kajjari (Ranebennur) 	OFT
6.3	Sorghum	<ul style="list-style-type: none"> Low yield due to use of local variety Lodging and poor fodder quality 		<ul style="list-style-type: none"> Kurdkodihalli (Byadgi) Mallur (Byadgi) 	FLD
6.4	Foxtail millets	<ul style="list-style-type: none"> Low yield Lack of awareness on new varieties 	3057 ha	<ul style="list-style-type: none"> Mugali (Shiggaon) Timmapur(Shiggaon) Kalakoti(Savanur) Hiremugadur (Savanur) 	FLD
6.5	Little millets	<ul style="list-style-type: none"> Low yield Lack of awareness on new varieties 	3057 ha	<ul style="list-style-type: none"> Mugali (Shiggaon) Timmapur(Shiggaon) Kalakoti(Savanur) Hiremugadur (Savanur) 	FLD
6.6	Groundnut (K)	<ul style="list-style-type: none"> Lower yield Susceptible to leaf spot & rust Lack of uniform maturity Decreasing productivity in groundnut in <i>Kharif</i> season 	Nil	<ul style="list-style-type: none"> Masur (Hirekerur) Hiremurab (Hirekerur) 	FLD
6.7	Niger	<ul style="list-style-type: none"> Low yield Lack of awareness on new varieties 		<ul style="list-style-type: none"> Kalakoti(Savanur) Hiremugadur (Savanur) Mallur (Byadgi) 	FLD
6.8	Chickpea	<ul style="list-style-type: none"> Lack of awareness on new varieties Low yield (5-7.5 q/ha) Incidence of wilt (12%) 	3500 ha	<ul style="list-style-type: none"> Mallur (Byadgi) Shankaripura (Byadgi) 	FLD
6.9	Sugarcane (R/s)	<ul style="list-style-type: none"> Low yield (90 t/ha) with traditional method of direct planting Higher mortality in direct planting upto 10% 	300 ha	<ul style="list-style-type: none"> Kudarihal (Ranebennur) Itagi(Ranebennur) 	FLD

S. No.	Major crops & enterprises	Prioritized problems in these crops/ enterprise	Extent of area (Ha/No.) affected by the problem in the district	Names of Cluster Villages	Proposed Intervention
		<ul style="list-style-type: none"> • Reduced no. of tillers/plant • Higher cost • Accessibility to air and sunlight is less • No. uniformity among the plants. 			
6.10	Onion	<ul style="list-style-type: none"> • Low yield (160-180q/ha) in local varieties • High incidence purple blotch (15-20%) 	100 ha	<ul style="list-style-type: none"> • Ennihosalli (Ranebennur) • Chalageri (Ranebennur) 	FLD
6.11	Cowpea	<ul style="list-style-type: none"> • Low yield & Long duration (110-120 days) in local variety 	100 ha	<ul style="list-style-type: none"> • Chatra (Byadgi) • Kajjari (Ranebennur) 	FLD
6.12	French bean	<ul style="list-style-type: none"> • Low yield (10-12 q/ha) • Long duration (90-100 days) • Susceptible to pest & disease 	20 ha	<ul style="list-style-type: none"> • Adavisomapur (Shiggaon) 	FLD
6.13	Chilli	<ul style="list-style-type: none"> • Low yield (50-60 q/ha green chilli) due to high incidence of leaf curl (35-40%) • Indiscriminate use of pesticides 	250 ha	<ul style="list-style-type: none"> • Masur (Hirekerur) • Asundi(Bydagi) 	FLD
6.13	Foxtail millet	Lack of awareness on production technology	3057 ha	<ul style="list-style-type: none"> • Mugali (Shiggaon) • Timmapur(Shiggaon) 	FLD
6.14	Finger millet	Lack of awareness on production technology	3057 ha	<ul style="list-style-type: none"> • Mugali (Shiggaon) • Timmapur(Shiggaon) 	FLD

7. Technology Assessment during 2015-16

S. No.	Crop	Prioritized problem	Title of intervention	Technology options	Source of Technology	Name of critical input	Qty per trial	Cost per trial	No. of trials (0.5 ac)	Total cost (Rs.)	Parameters to be studied	Team members
7.1	Groundnut (R/S)	<ul style="list-style-type: none"> Decreasing productivity in groundnut in Rabi/summer season Low yield due to poor management Susceptible to leaf spot & rust Lack of uniform maturity 	Assessment of Groundnut variety Dh-101(R/S)	Farmers practice	-	-	-	-	05	40,000	<ul style="list-style-type: none"> No. of pods per plant Seed weight (100 kernels) Duration(days) Pod yield (q/ha) Pest & disease incidence Shelling (%) Economics 	<ul style="list-style-type: none"> SMS (Ag. Engg.) SMS (Agron.) SMS (Pl. Path.)
				Cultivation of GPBD-5	UAS, Dharwad	Seeds (pods)	0.50 q	3400				
						Sorghum seed	2 kg	100				
						Rhizobium	500 gm	500				
						P Solublizer	500 gm					
						Trichoderma	200 gm					
				Assessment of Dh-101	(All India released) UAS, Dharwad	Seeds (pods)	0.50 q	3400				
						Sorghum seed	2 kg	100				
						Rhizobium	500 gm	500				
						P Solublizer	500 gm					
Trichoderma	200 gm											
Total								8000				
7.2	Onion (K)	Severe thrips (20%) & purple blotch (25%) infestation reducing the yield upto 25-35%	Thrips & purple blotch management in onion (K)	Indiscriminate use of insecticides				-	05	5,750	<ul style="list-style-type: none"> Pest & disease intensity Yield (q/ha) Economics 	<ul style="list-style-type: none"> SMS (Pl Path) SMS (Hort) SMS (Agron)
				<i>Lecanicilium lecani</i> @ 2 ml/l – 2 sprays	NRC for Onion & Garlic, Rajgurunagar (Pune)	<i>Lecanicillium lecanii</i>	1 L	200				
						Boron	500 gm	300				
				λ- cyhalothrin (0.5ml/l – 2 sprays) +Difenconazole (1ml/l – 2 sprays)	NRC for Onion & Garlic, Rajgurunagar (Pune)	λ- cyhalothrin	150 ml	350				
						Difenconazole	250ml	300				
				Total								

No. of OFTs: 02

Total Amount : Rs. 45,750/-

8. Technology Assessment during 2015-16 : Nil

9. Frontline Demonstrations during 2015-16

S. No.	Category	Crop/enterprise	Prioritized problem	Technology to be demonstrated	Hybrid/Variety	Name of the Hybrid/Variety	Source of Technology	Name of critical input	Qty per Demo	Cost per Demo	No. of Demo	Total cost for the Demo (Rs.)	Parameters to be studied	Team members
9.1	Cereals	-	-	-	-	-	-	-	-	-	-	-	-	-
9.2	Millets	-	-	-	-	-	-	-	-	-	-	-	-	-
9.3	Oilseeds	Niger	<ul style="list-style-type: none"> • Low yield • Lack of awareness on new variety 	Demonstration of Niger variety DNS-4(K)	Variety	DNS-4	UAS, Dharwad	Seed	0.5 kg/0.5 ac	150	10	1500	<ul style="list-style-type: none"> • Grain yield (q/ha) • Pest & disease (%) • Economics 	<ul style="list-style-type: none"> • SMS (Agron.) • SMS (Pl. Path.) • SMS(Ag. Engg.)
		Groundnut	<ul style="list-style-type: none"> • Low yield • Lack of awareness on new variety 	Demonstration (ICM) of Groundnut variety G-2-52 (K)	Variety	G-2-52	UAS, Dharwad	Seed	0.25 q/0.5 ac	1700	2500	10	25000	<ul style="list-style-type: none"> • Weed count/ Sq.m @30 DAS • No. of pods/plant • Seed weight (g) • Yield (q/ha) • Pest & Disease (%)
	Sorghum seed	1 kg	50											
	Rhizobium	250 gm	150											
	P Solubelizer	250 gm												
	Trichodrama	100 gm												
	λ- cyhalothrin 5 EC-0.6 ml/l	150 ml	350											
Pendimethalin 30 EC @ 0.4 kg/ac	0.2 kg/0.5ac	250												
	Total	2500												
9.4	Pulses	-	-	-	-	-	-	-	-	-	-	-	-	-
9.5	Commercial crops	Sugarcane (R/S)	<ul style="list-style-type: none"> • Low yield (40-50 t/ac) • Higher mortality in Direct planting • Number of 	Demonstration of Sustainable Sugarcane Initiative	Variety	SNK-07680	technology center ,TNAU	Seedlings	2000 No/0.5 ac	10000	03	30000	<ul style="list-style-type: none"> • Plant height (cm) • No. of tillers • Plant population (no.) • Cane girth (cm) • Single cane weight (kg) 	<ul style="list-style-type: none"> • SMS (Ag. Engg.) • SMS (Agron.)

S. No.	Category	Crop/enterprise	Prioritized problem	Technology to be demonstrated	Hybrid/Variety/Name of the Hybrid/Variety	Source of Technology	Name of critical input	Qty per Demo	Cost per Demo	No. of Demo	Total cost for the Demo (Rs.)	Parameters to be studied	Team members	
			tillers/plant is less • Accessibility to air and sunlight is less • No. uniformity among the plants	(SSI)								• Yield(t/ha) • Time & labour saved • Germination (%)		
9.6	Horticultural crops	Onion (K)	• Low yield (160-180 q/ha) in local varieties • High incidence of purple blotch (15-20%)	Demonstration of onion variety of Arka Kalyan	Variety	Arka Kalyan	IIHR, Bangalore	Seeds	4 kg/ ac	3000	10	30000	• Bulb weight (gm) • Pest & disease (%) • Yield (q/ha) • Economics	• SMS (Hort.) • SMS (Pl. Path.) • SMS (Agron.)
		French Bean (K)	• Low yield (10-12 q/ha) • Long duration (90-100 days) • Susceptible to pest & diseases	Demonstration of French bean variety Arka Sharad	Variety	Arka Sharad	IIHR, Bangalore	Seeds	7.5 kg/ac	1500	05	7500	• 50 % flowering • Pod length (cm) • Yield (q/ha) • Pest & disease (%) • Economics	• SMS (Hort.) • SMS (Pl. Path.) • SMS (Agron.)
		Cowpea (K)	• Low yield & Long duration (110-120 days) in local variety	Demonstration of cowpea variety Arka garima (K)	Variety	Arka garima	IIHR, Bangalore	Seeds	8 Kg/ac	1600	05	9000	• Days to 50% flowering • Plant height (cm) • No. of pods/plant • Pod yield /plant • Pest & disease incidence • Yield (q/ha) • Economics	• SMS (Horti.) • SMS (Agron.) • SMS (Pl. Path.)
								Rhizobium	50 gm	200				
								Total		1800				
		Chilli	• Low yield (50-60 q/ha green chilli) due to high incidence of leaf curl (35-40%) • Indiscriminate use of pesticide	Management of mite & sucking pests causing chilli leaf curl (R/S)	Variety	Private hybrids	UAS, Dharwad	Thiomethoxam	250 g/ac	600	10	30000	• Leaf curl (%) • Yield (q/ha) • Economics	• SMS (Pl. Path.) • SMS (Horti.) • SMS (Agron.)
								Fenzequin (Acaricide)	750 ml/ac	1000				
Nimbecidine	2 L/ac							1400						
Total								3000						

S. No.	Category	Crop/enterprise	Prioritized problem	Technology to be demonstrated	Hybrid/Variety Name of the Hybrid/Variety	Source of Technology	Name of critical input	Qty per Demo	Cost per Demo	No. of Demo	Total cost for the Demo (Rs.)	Parameters to be studied	Team members	
.7	Other	Vermicelli	Lack of awareness on production technology	Demonstration of Foxtail millet vermicelli as an IGA Activity	-	-	UAS Dharwad	Foxtail millet grains	2 kg	140	05	2000	<ul style="list-style-type: none"> • Product Yield (kg) • Economics • Organoleptic evolution 	<ul style="list-style-type: none"> • PC • SMS (Agron.) • SMS (Pl. Path.)
								Chiroti rava	2 kg	100				
								Milling, Packing & Labeling		160				
								Total		400				
		Vermicelli	Lack of awareness on production technology	Demonstration of Finger millet vermicelli as an IGA	-	-	UAS Dharwad	Finger millet grains	2 kg	120	05	2000	<ul style="list-style-type: none"> • Product Yield (kg) • Economics • Organoleptic evolution 	<ul style="list-style-type: none"> • PC • SMS (Agron.) • SMS (Pl. Path.)
								Chiroti rava	2 kg	100				
								Milling, Packing & Labeling		180				
								Total		400				

No. of FLDs: 09

Total Amount: Rs. 1,28,000/-

9(a). Frontline Demonstrations under NFSM during 2015-16

S. No.	Category	Crop/enterprise	Prioritized problem	Technology to be demonstrated	Hybrid/Variety Name of the Hybrid/Variety	Source of Technology	Name of critical input	Qty per Demo	Cost per Demo	No. of Demo	Total cost for the Demo (Rs.)	Parameters to be studied	Team members	
9a.1	Cereals	Sorghum	<ul style="list-style-type: none"> • Low yield due to use of local variety • Lodging and poor fodder quality 	Demonstration of rabi sorghum variety SPV-2217	Variety	SPV-2217	UAS Dharwad	Seeds	3 kg/ac	200	15	5250/-	<ul style="list-style-type: none"> • Per cent lodging (charcoal rot) • Per cent shoot fly incidence • Yield (q/ha) • Economics 	<ul style="list-style-type: none"> • SMS (Agron.) • SMS (Pl. Path.) • SMS(Ag. Engg.)
								Sulphur	6 gm	50				
								Trichoderma	12 gm	100				
								Calcium chloride	12 gm					
								Total						
9a.2	Millets	Foxtail millet (K)	<ul style="list-style-type: none"> • Low yield • Lack of awareness on new variety 	Demonstration of foxtail millet variety DHFt-109-3	Variety	DHFt-109-3	UAS Dharwad	Seeds	3 kg/ac	500	20	10000/-	<ul style="list-style-type: none"> • Panicle weight (gm) • Grain yield (q/ha) • Fodder yield (t/ha) • Pest & disease (%) • Economics 	<ul style="list-style-type: none"> • SMS (Agron.) • SMS (Pl. Path.) • SMS(Ag. Engg.)
		Little millet (K)	<ul style="list-style-type: none"> • Low yield • Lack of awareness on new variety 	Demonstration of Finger millet variety DHLt-36-3	Variety	DHLt-36-3	UAS Dharwad	Seeds	3 kg/ac	500	20	10000/-	<ul style="list-style-type: none"> • Panicle weight (gm) • Grain yield (q/ha) • Fodder yield (t/ha) • Pest & disease (%) • Economics 	<ul style="list-style-type: none"> • SMS (Agron.) • SMS (Pl. Path.) • SMS(Ag. Engg.) •
9a.3	Pulses	Chickpea(R)	<ul style="list-style-type: none"> • Lack of awareness on new varieties • Low yield (5-7.5 q/ha) • Incidence of wilt (12%) 	Demonstration of Chickpea variety BGD-103	Variety	BGD-103	UAS Dharwad	Seeds	25 kg/ac	2300	10	30000/-	<ul style="list-style-type: none"> • No. of pods /plant • Seed weight (g) • Pest & disease (%) • Yield (q/ha) • Economics 	<ul style="list-style-type: none"> • SMS(Agron.) • SMS (Pl. Path.) • SMS (Ag. Engg.)
								Rhizobium	500 gm	200				
								Trichoderma	500 gm					
								P solubalizer	500 gm					
								Prophenophos	500 ml	500				
Total			3000											

No. of FLDs: 04

Total Amount: Rs. 55250/-

10 Training for Farmers/ Farm Women during 2015-16

S.No.	Thematic area	Crop / Enterprise	Major problem	Related field intervention	Training Course Title	No. of Courses	Expected No. of participants	Names of the team members involved
10.1	Crop Production	Groundnut	<ul style="list-style-type: none"> Lack of awareness on new varieties Low yield 	OFT	ICM in Groundnut	03	100	<ul style="list-style-type: none"> SMS (Agron) SMS (Pl. Path.) SMS (Ag. Engg.)
		Sorghum	<ul style="list-style-type: none"> Lack of awareness on new varieties Lodging and poor fodder quality 	FLD	Recent advance in Sorghum cultivation	02	60	<ul style="list-style-type: none"> SMS (Agron) SMS (Pl. Path.)
		Sugarcane	Low yield	FLD	SSI In Sugarcane	02	60	<ul style="list-style-type: none"> SMS (Ag. Engg.)
					Irrigation Methods for increased WUF	02	60	<ul style="list-style-type: none"> SMS (Agron) SMS (Pl. Path.)
		Groundnut	<ul style="list-style-type: none"> Lack of awareness on new varieties Low yield 	FFS	ICM in Groundnut	03	100	<ul style="list-style-type: none"> SMS (Agron) SMS (Pl. Path.) SMS (Ag. Engg.)
		Chick pea	<ul style="list-style-type: none"> Lack of awareness on new varieties Low yield 	FLD	ICM in Chick pea	02	60	<ul style="list-style-type: none"> SMS (Agron) SMS (Pl. Path.) SMS (Ag. Engg.)
		Foxtail millet	Low yield	FLD	ICM in Foxtail millet	02	60	<ul style="list-style-type: none"> SMS (Agron) SMS (Pl. Path.) SMS (Ag. Engg.)
Little millet	Low yield	FLD	ICM in Little millet	02	60	<ul style="list-style-type: none"> SMS (Agron) SMS (Pl. Path.) SMS (Ag. Engg.) 		
10.2	Horticulture Production	Cowpea	<ul style="list-style-type: none"> Lack of awareness on new varieties Low yield 	OFT	Crop management in vegetable Cowpea	02	60	<ul style="list-style-type: none"> SMS (Hort.) PC (Home Sci)
		Onion	Use of Local varieties	FLD	POP onion production technologies	02	60	<ul style="list-style-type: none"> SMS (Hort.) SMS (Agron.)
		French bean	Use of Local varieties	FLD	Crop management in French bean	02	50	
10.3	Livestock Production	-	-	-	-	-	-	-
10.5	Plant Protection	Onion	Incidence of Thrips Low yield	OFT	Pest management in onion	01	30	<ul style="list-style-type: none"> SMS (Pl. Path.) SMS (Hort.) SMS (Agron.)

S.No.	Thematic area	Crop / Enterprise	Major problem	Related field intervention	Training Course Title	No. of Courses	Expected No. of participants	Names of the team members involved
		Onion	Incidence of Purple blotch Low yield	-	Disease management in onion	01	30	<ul style="list-style-type: none"> • SMS (Pl. Path.) • SMS (Hort.) • SMS (Agron.)
		Chick pea	Wilt & low yield	FLD	Foliar disease management	02	50	<ul style="list-style-type: none"> • SMS (Pl. Path.) • SMS (Agron.)
		Chilli	Leaf curl incidence Low yield	FLD	Leaf curl management in Chilli	02	60	<ul style="list-style-type: none"> • SMS (Pl. Path.) • SMS (Hort.) • SMS (Agron.)
		Tomato	Leaf curl incidence Low yield	-	Leaf curl management in Tomato	02	60	<ul style="list-style-type: none"> • SMS (Pl. Path.) • SMS (Hort.)
10.6	Production of Inputs at Site	-	-	-	-	-	-	-
10.7	Soil Health and Fertility	-	-	-	-	-	-	-
10.8	PHT and value addition	Foxtail millets	Lack of awareness about value addition	FLD	Value addition in foxtail millet	02	60	<ul style="list-style-type: none"> • PC
					Preparation, packing, labeling of millet vermicelli	02	60	<ul style="list-style-type: none"> • SMS (Agron) • SMS (Hort.)
10.9	Capacity Building Group Dynamics	-	-	-	-	-	-	-
10.10	Farm Mechanization	Groundnut	Labour scarcity, drudgery reduction, timely operation delayed	-	Mechanization in cultivation of Groundnut (K/R/S)	02	60	<ul style="list-style-type: none"> • SMS (Ag. Engg.) • SMS (Agron.)
10.11	Fisheries Production Technologies	-	-	-	-	-	-	-
10.12	Mushroom production	-	-	-	-	-	-	-
10.13	Agro forestry	-	-	-	-	-	-	-
10.14	Bee Keeping	-	-	-	-	-	-	-
10.15	Sericulture	-	-	-	-	-	-	-
	Soil & water conservation	-	Loss of soil and water and effect on the soil fertility	-	Soil and water conservation techniques	03	75	<ul style="list-style-type: none"> • SMS (Ag. Engg.) • SMS (Agron.)
	Seed production	Chickpea and Groundnut	Poor quality seeds	FLD	Quality seed production	02	50	<ul style="list-style-type: none"> • SMS (Agron.) • SMS (Ag. Engg.)

11. Training for Rural Youth during 2015-16

S.No.	Thematic area	Crop / Enterprise	Major problem	Related field intervention	Training Course Title	No. of Courses	Expected No. of participants	Names of the team members involved
11.1	Crop Production	Sugarcane	Low yield	FLD	SSI In Sugarcane	02	30	<ul style="list-style-type: none"> • SMS (Ag. Engg.) • SMS (Agron.)
					Irrigation Methods for increased WUE	02	30	
		Paddy	Scarcity of water	-	Water Saving techniques in agriculture	02	30	<ul style="list-style-type: none"> • SMS (Ag. Engg.) • SMS (Agron.)
		Organic manure	High cost of in-organic fertilizer	-	Production of organic manures	02	60	<ul style="list-style-type: none"> • SMS (Agron.) • SMS (Pl. Path.)
11.2	Horticulture Production	Onion	Unscientific method of farming	FLD	ICM in Onion	02	60	<ul style="list-style-type: none"> • SMS (Hort.) • SMS (Pl. Path) • SMS (Agron.)
11.3	Livestock Production		-	-	-	-	-	-
11.4	Home Science	Millets	Lack of awareness about value addition	-	Value addition in millet	02	60	<ul style="list-style-type: none"> • PC (Home Sci.) • SMS (Agron) • SMS (Hort.)
					Preparation, packing, labeling of millet product	02	60	
11.5	Plant Protection	Cabbage	Diamond back moth and foot rot	-	Pest and Disease management in Cabbage	02	50	<ul style="list-style-type: none"> • SMS (Pl. Path) • SMS (Horti)
		Major Crop	Root disease in major crops	-	Bio control of plant disease	01	30	<ul style="list-style-type: none"> • SMS (Pl. Path.) • SMS (Agron.)
		Chilli	Leaf curl incidence	FLD	Management of leaf curl in chilli	01	30	<ul style="list-style-type: none"> • SMS (Pl. Path) • SMS (Horti) • SMS (Agron.)
		Cotton	Sucking pests & mirid bug	-	Sucking pest & mirid bug management in cotton	01	30	<ul style="list-style-type: none"> • SMS (Pl. Path.) • SMS (Agron.)
11.6	Production of Inputs at Site	Soybean Chickpea and Groundnut	Poor quality seeds	FLD/Seed production	Quality seed production	05	200	<ul style="list-style-type: none"> • SMS (Agron.) • SMS (Ag. Engg.)
11.7	Soil Health and Fertility	Composting	Lack of awareness about composting	-	Composting technology	02	50	<ul style="list-style-type: none"> • SMS (Agron) • SMS (Horti)
		Bio fertilizer	Non availability of bio fertilizer at right time	-	Bio fertilizers – Uses	02	50	<ul style="list-style-type: none"> • SMS (Agron) • SMS (Horti)
11.8	PHT and value addition	-	-	-	-	-	-	-

S.No.	Thematic area	Crop / Enterprise	Major problem	Related field intervention	Training Course Title	No. of Courses	Expected No. of participants	Names of the team members involved
11.9	Capacity Building Group Dynamics	Vegetables	Lack of awareness in seed production techniques	-	Crossing techniques in vegetables	02	50	<ul style="list-style-type: none"> • PC (Home Sci.) • SMS (Horti)
11.10	Farm Mechanization	Groundnut	Labour scarcity, drudgery reduction, timely operation delayed	FLD	Mechanization in cultivation of Groundnut (K/R/S)	02	60	<ul style="list-style-type: none"> • SMS (Ag. Engg.) • SMS (Agron.)
11.11	Fisheries Production Technologies	-	-	-	-	-	-	-
11.12	Mushroom production	-	-	-	-	-	-	-
11.13	Agro forestry	-	-	-	-	-	-	-
11.14	Bee Keeping	-	-	-	-	-	-	-
11.15	Sericulture	Sericulture	Lack of awareness new technology	-	Production techniques in sericulture	02	50	<ul style="list-style-type: none"> • SMS (Hort.) • SMS (Agron.) • SMS (Pl. Path.)
11.16	Soil and water conservation	-	Loss of soil and water & effect on the soil fertility	FLD	Soil and water conservation techniques	03	75	<ul style="list-style-type: none"> • SMS (Ag. Engg.) • SMS (Agron.) • SMS (Horti.)

12 Trainings for Extension Personnel during 2015-16

S.No.	Thematic area	Training Course Title	No. of Courses	Expected No. of participants	Names of the team members involved
12.1	Crop Production	SSI in Sugarcane	01	30	<ul style="list-style-type: none"> • SMS (Ag. Engg.) • SMS (Agron.)
		Aerobic Rice cultivation	01	30	<ul style="list-style-type: none"> • SMS (Agron.) • SMS (Ag. Engg.)
		Integrated farming system	02	60	<ul style="list-style-type: none"> • SMS (Agron.) • SMS (Ag. Engg.)
		Contingent crop plan	02	60	<ul style="list-style-type: none"> • SMS (Agron.) • SMS (Ag. Engg.)
12.2	Home Science	Processing and value addition	01	30	PC SMS (PI Path.)
12.4	Horticulture	Improved technologies for vegetable production	02	60	<ul style="list-style-type: none"> • SMS (Horti.) • SMS (Agron.)
		Improved technologies for commercial flower production	02	60	<ul style="list-style-type: none"> • SMS (Horti.) • SMS (Agron.)
12.5	Livestock Production & Management	Balanced feed, clean milking production	04	120	<ul style="list-style-type: none"> • PC • SMS (PI Path.) • SMS (Ag. Engg.)
12.6	Plant Protection	Biological control of plant diseases	02	60	<ul style="list-style-type: none"> • SMS (Pl. Path.) • SMS (Agron.)
		IPM in cotton	02	60	<ul style="list-style-type: none"> • SMS (Pl. Path.) • SMS (Agron.)
12.7	Farm Mechanization	Mechanization in cultivation of Groundnut (K/R/S)	01	20	<ul style="list-style-type: none"> • SMS (Ag. Engg.) • SMS (Agron.)
		Mechanization in cultivation of Sorghum	01	20	<ul style="list-style-type: none"> • SMS (Ag. Engg.) • SMS (Agron.)
12.8	PHT and value addition	Value addition in millets	02	60	PC SMS (Agron) SMS (Hort.)
12.9	Production of Inputs at Site	Quality seed production	02	60	<ul style="list-style-type: none"> • SMS (Agron) • SMS (Ag. Engg.)
12.12	Others	-	-	-	-
	Watershed development	Soil and water conservation techniques	02	50	<ul style="list-style-type: none"> • SMS (Ag. Engg.) • SMS (Agron.)

13 Vocational trainings during 2015-16

Sl.No.	Thematic area and the Crop/Enterprise	Training title	No. of programmes and Duration (days)	Type of Clientele	Expected No. of participants	Sponsoring agency	Names of the team members involved
13.1	Crop Production	Production technology of organic manures	One (6 days)	Youth & Farm Women	30	KVK	<ul style="list-style-type: none"> • SMS (Agron.) • SMS (Horti)
13.2	Home Science	-	-	-	-	-	-
13.3	Capacity Building and Group Dynamics	-	-	-	-	-	-
13.4	Horticulture	Improved techniques in vegetable crop production	One (6 days)	Youth & Farm Women	30	KVK	<ul style="list-style-type: none"> • SMS (Horti) • SMS (Agron.)
13.5	Livestock Production & Management	-	-	-	-	-	-
13.6	Plant Protection	Biological control of major soil borne diseases	One (7 days)	SHGs, youth, Progressive farmers	40	KVK	<ul style="list-style-type: none"> • SMS (Pl. Path.) • SMS (Agron)
13.7	Farm Mechanization	Mechanization in Agriculture	One (7 days)	SHGs	40	KVK	<ul style="list-style-type: none"> • SMS (Ag. Engg.) • SMS (Agron)
13.8	PHT and value addition	Value addition in millets	One (7 days)	SHGs	60	KVK	<ul style="list-style-type: none"> • PC (Home Sci.) • SMS (Agron) • SMS (Hort.)
13.9	Production of Inputs at Site	Advances and seed production technologies in groundnut and other crops	One (5 days)	SHGs, youth, Progressive farmers	30	KVK	<ul style="list-style-type: none"> • SMS (Agron) • SMS (Ag. Engg.)
13.10	Sericulture	-	-	-	-	-	-
13.11	Fisheries	-	-	-	-	-	-
13.12	Others						
	Watershed development	Integrated watershed development	One (7 days)	Youths	25	-	<ul style="list-style-type: none"> • SMS (Ag. Engg.) • SMS (Agron.)
	Coconut	FOCT palm climbing	One (05 days)	Youths	20	CDB	<ul style="list-style-type: none"> • PC • SMS (Ag. Engg) • SMS (Pl. Path)

14 Sponsored trainings during 2015-16

Sl.No.	Thematic area and the Crop/Enterprise	Training title*	No. of programmes and Duration (days)	Type of Participants	Expected No. of participants	Sponsoring agency	Names of the team members involved
14.1	Crop Production	-	-	-	-	-	-
14.2	Home Science	-	-	-	-	-	-
14.3	Capacity Building and Group Dynamics	-	-	-	-	-	-
14.4	Horticulture	-	-	-	-	-	• -
14.5	Livestock Production & Management	-	-	-	-	-	-
14.6	Plant Protection	Crop pest & disease management in major crops of Haveri district	01	Youth	25	KSDA	<ul style="list-style-type: none"> • SMS (Pl. Path.) • SMS(Agron.) • SMS(Hoti.)
14.7	Farm Mechanization	Mechanization in Agricultural operation	01	SHG	25	KVK	<ul style="list-style-type: none"> • SMS (Ag. Engg.) • SMS(Agron.)
14.8	PHT and value addition	Value addition of millets	02	SHG	60	KVK	<ul style="list-style-type: none"> • PC (Home Sci.) • SMS(Agron.) • SMS(Hoti.)
14.9	Production of Inputs at Site	-	-	-	-	-	-
14.10	Sericulture	-	-	-	-	-	-
14.11	Fisheries	-	-	-	-	-	-
14.12	Others	-	-	-	-	-	-
	Watershed development	Integrated watershed development	02	SHG	25	Dept. of Watershed	<ul style="list-style-type: none"> • SMS (Ag. Engg.) • SMS (Agron.)

15. Extension programmes during 2015-16

Sl.No.	Extension programme/Activity	No. of programmes or activities	Expected No. of participants	Names of the team members involved
15.1	Advisory Services	360	500	KVK Team
15.2	Diagnostic visits	20	100	KVK Team
15.3	Field Day	08	800	KVK Team
15.4	Group discussions	60	350	KVK Team
15.5	Kisan Ghosthi	08	1000	KVK Team
15.6	Film Show	12	500	KVK Team
15.7	Self -help groups	10	400	KVK Team
15.8	Kisan Mela / Krishi Utsav	05	9000	KVK Team
15.9	Exhibition	08	50000	KVK Team
15.10	Scientists' visit to farmers field	150	100	KVK Team
15.11	Plant/Soil health/Animal health camps	6	300	KVK Team
15.12	Farm Science Club	-	-	-
15.13	Ex-trainees Sammelan	-	-	-
15.14	Farmers' seminar/workshop	02	100	KVK Team
15.15	Method Demonstrations	30	400	KVK Team
15.16	Celebration of important days	05	2000	KVK Team
15.17	Special day celebration	05	5000	KVK Team
15.18	Exposure visits	2	40	KVK Team
15.19	Technology week	01	250	KVK Team
15.20	Farmers Field School (FFS)	01	30	KVK Team
15.21	Farm innovators meet	01	50	KVK Team
15.22	Awareness programs	03	300	KVK Team

16. Activities proposed as Knowledge and Resource Centre during 2015-16

16.1 Technological knowledge

Sl.No.	Category	Details of technologies	Area (ha)/ Number/Kg	Names of the team members involved
16.1.1	Technology Park/ Crop cafeteria	Millet crop cafeteria	2.0	• PC, Field Asst
		Fodder crop(grasses) cafeteria	1.0	• PC, Field Asst
		Sapota garden	2.0	• PC, SMS (Hort), Field Asst
		Multiple cropping system (Sapota+millets+fodder crops)	2.0	• PC, Field Asst
		Seed production (Sunnhemp,Redgram. Groundnut, millets)	6.0	• PC, Field Asst
		Nursery production Unit	0.20	• PC, SMS (Hort.)
16.1.2	Demonstration Units	Vermicompost production unit	01	• SMS (Agron)
16.1.3	Lab Analytical services	Soil testing	2500	• SMS (Agron)
		Trichoderma production	600	• SMS (Pl. Path.)
16.1.4	Technology Week	IFS	01	• KVK Team
		Soil and water conservation		
		Plant protection		
		Bio control agents		
		Processing and value addition		

16.2 Technological Products

Sl.No.	Category	Name of the production partner Agency, if any	Name of the Product	Quantity (Q.)/ Number planned to be produced during 2015-16	Names of the team members involved
16.2.1	Seeds	FLD farmers	Groundnut (GPBD-5)	50	PC, SMS (Agron.), SMS (Pl. Path)
			Groundnut (GPBD-4)	50	PC, SMS (Agron.),Field Asst
			Redgram (BSMR-736)	15	PC, SMS (Agron.),SMS (Pl Path.)
			Chickpea(BGD-103)	02	PC, SMS (Agron.),Field Asst
			Sorghum (Anuradha)	05	PC, SMS (Agron.), Field Asst
			Horsegram (KM-5)	05	PC, SMS (Agron.),SMS (Pl. Path)
			Maize (SAT)	25	PC, Field Asst,
16.2.2	Planting materials		Sapota (DHS-1)	500	PC, SMS (Horti),Field Asst
			Sapota (DHS-2)	1000	PC, SMS (Horti),Field Asst
			Curry leaf (Suvasini)	5000	PC, SMS (Horti), Field Asst
			Tamarind (PKM)	200	PC,SMS (Horti),Field Asst
			Guava	500	PC,SMS (Horti),Field Asst
			Sugarcane	25000	PC, SMS (Ag. Engg), SMS (Agron.), Field Asst
16.2.3	Bio-products		Trichoderma	05	SMS (Pl. Path.)
16.2.4	Livestock strains		Deccani sheep	10	PC, Field Asst
16.2.5	Fish fingerlings		-	-	-
16.2.6	Production of Vermicompost		Vermicompost	50	SMS (Agron.), Field Asst

16.3 Technological Information

	Category	Technological capsules / Number	Names of the team members involved
16.3.1	Technology backstopping to line departments		
	Agriculture	Soil fertility and fertilizer management (02)	• SMS (Agron)
	Horticulture	Vegetable crop management	• SMS (Hort)
	Agricultural Engineering	Watershed management	• SMS (Ag. Engg., Agron.)
	Bi-monthly workshop	Crop Production , Processing	• All SMS
	Sericulture	Advances in cultivation of mulberry	• SMS (Agron, Hort)
16.3.2	Literature/publication	<ul style="list-style-type: none"> • Crop management (02) • Weed management (02) • Plant protection equipments (02) • Nutrient management (04) • Value addition in millets (02) • Value addition in fruits & vegetable (02) 	<ul style="list-style-type: none"> • SMS (Agron) • SMS (Agron) • SMS (Pl. Path.) • SMS(Agron.) • PC (Home Sc) • SMS (Hort) & PC (Home Sc)
16.3.4	Electronic Media	Radio talks	<ul style="list-style-type: none"> • PC • SMS (Ag. Engg.) • SMS (Pl. Path.)
		Tv - Interaction with innovative farmers	<ul style="list-style-type: none"> • SMS(Agron.) • SMS (Horti)
16.3.5	Kisan Mobile Advisory Services	Rainfall and temperature, Agronomic practices, Nutrition, Improved varieties, Plant protection	<ul style="list-style-type: none"> • PC (Home Sci.) • SMS (Ag. Engg.) • SMS (Pl. Path.) • SMS(Agron.) • SMS (Horti)
16.3.6	Information on centre/state sector schemes and service providers in the district.	Animal Science, Fisheries & agriculture	• All SMS & Dept. Officials

17. Additional Activities Planned during 2015-16

S.No.	Name of the agency / scheme	Name of activity	Technical programme with quantification	Financial outlay (Rs.)	Names of the team members involved
17.1					
17.2					

18. Revolving Fund

18.1 Financial status

Particular	Opening balance as on 01.04.2014 (Rs.in Lakh)	Expenditure incurred during 2014-15(Rs.in Lakh)	Receipts during 2014-15 (Rs.in Lakh)	Closing balance as on 31.01.2015 (Rs.in Lakh)	Expected closing balance by 31.03.2015 (Including value of material in stock)
ICAR	11.33	12.07	10.24	9.50	12.00
Training	2.08	1.15	0.93	1.86	1.86

18.2 Plan of activities under Revolving Fund

S.No.	Proposed activities	Expected output	Anticipated income (Rs.)	Names of the team members involved
18.2.1	Seed production and procurement (q)	157	9,77,000/-	PC, All SMS, Field Asst.,
18.2.2	Production of planting materials (Nos.)	32500	2,00,000/-	PC, SMS (Hort)
18.2.3	SWTL (Nos.)	2000	2,00,000/-	PC, SMS (Agron.)
18.2.4	Production of Bio-agents (q)	6	60,000/-	SMS (Pl. Path.)
18.2.5	Production of worms (kg.)	100	20,000/-	SMS(Agron.), Field Asst.
18.2.6	Production of Vermicompost (q)	25	75000/-	SMS(Agron.), Field Asst.
18.2.7	Production of milk (ltr)	200000	4,80,000/-	Field Asst.
18.2.8	Processing of Millets (Q)	10	36,000/-	PC, Field Asst.

19. Activities of soil, water and plant testing laboratory during 2015-16

Sl.No.	Type	No. of samples to be analyzed	Names of the team members involved
19.1	Soil	2500	SMS (Agron.), Assoc. Prof.(Soil Sci.)
19.2	Water	1000	SMS (Agron.), Assoc. Prof.(Soil Sci.)
19.3	Plant	-	-

20. E-linkage during 2015-16

S. No	Nature of activities	Likely period of completion	Remarks
20.1	Title of the technology module to be prepared	-	Information required
20.2	Creation and maintenance of relevant database system for KVK		
	• Training database	Going on	
	• Seeds & planting material	Going on	
	• Soil & water test database	Going on	
	• FLD	Going on	
	• Milk sold	Going on	
	• Farmers Visit KVK	Going on	
	• OFT	July 2015	
	• Extension activities	July 2015	
	• Publication (Retrench Paper, Abstract, Popular article, Folder etc.,)	Going on	
	• ICAR revolving fund	Going on	
20.3	Text messages	Daily 3 to 4	
20.4	Web site (WWW.kvkhaveri.org)	Monthly	
20.5	Teaching B.Sc. (Agri.) Course	6 months	
20.6	Online reporting system entire	Daily	

21. Activities planned under Rainwater Harvesting Scheme

S. No	Activities planned	Remarks
21.1	Maintenance of fodder demonstration bank	
21.3	Maintenance of Nursery garden for multiplication of Horticultural plants	
21.4	Development of field gene bank (Germplasm)	
21.5	Training cum demonstration on Rainwater harvesting and its utilization	

22. Innovative Farmer's Meet

Sl.No.	Particulars	Details
22.1	Are you planning for conducting Farm Innovators meet in your district?	Yes
22.2	If Yes likely month of the meet	August- 2015
22.3	Brief action plan in this regard	<ul style="list-style-type: none"> • Discussion with line departments • Preliminary meeting of innovative farmers • Documentation of innovations • Innovation mela

23. Farmer's Field School planned

S. No	Thematic area	Title of the FFS	Budget proposed in Rs.
23.1	Groundnut crop management (Kharif)	ICM in groundnut	30000/-

24.Budget - Details of budget utilization (2014-15) upto 31 January 2015

(Rs. In Lakh)

S. No.	Particulars	Sanctioned	Released	Expenditure
24.1	Recurring Contingencies			
24.1.1	Pay & Allowances	69.50	66.00	61.41
24.1.2	Traveling allowances	1.50	1.00	1.50
24.1.3	Contingencies			
24.1.4.1	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance	2.40	0.30	2.26
<i>B</i>	POL, repair of vehicles, tractor and equipments	2.40	0.30	2.08
<i>C</i>	Meals/refreshment for trainees	1.00	0.20	0.38
<i>D</i>	Training material	1.00	0.20	0.10
<i>E</i>	Frontline demonstration except oilseeds and pulses	4.15	2.90	2.91
<i>F</i>	On farm testing	0.95	0.35	0.71
<i>G</i>	Training of extension functionaries	0.25	0.10	0.10
<i>H</i>	Maintenance of buildings	0.50	0.00	0.00
<i>I</i>	Establishment of Soil, Plant & Water Testing Laboratory	0.00	0.00	0.00
<i>J</i>	Extension Activities	0.50	0.10	0.33
<i>K</i>	Farmers Field School	0.30	0.10	0.10
<i>L</i>	Library	0.05	0.00	0.00
<i>M</i>	IFS	0.50	0.10	0.26
24.1	Total Recurring	14.00	4.75	9.23
24.2	Non-Recurring Contingencies			
24.2.1	Works	0.00	0.00	0.00
24.2.2	Equipments including SWTL & Furniture	0.00	0.00	0.00
24.2.3	Vehicle (Four wheeler/Two wheeler, please specify)	0.00	0.00	0.00
24.2.4	Library	0.00	0.00	0.00
24.2	Total Non Recurring	0.00	0.00	0.00
24.3	REVOLVING FUND	0.00	0.00	0.00
24.4	GRAND TOTAL (A+B+C)	85.00	71.75	72.14

25.Details of Budget Estimate (2015-16) based on proposed action plan
(Rs. In Lakh)

S. No.	Particulars	BE 2015-16 proposed
25.1	Recurring Contingencies	
25.1.1	Pay & Allowances	100.00
25.1.2	Traveling allowances	2.50
25.1.3	Contingencies	
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)	2.50
B	POL, repair of vehicles, tractor and equipments	2.50
C	Meals/refreshment for trainees (ceiling upto Rs.40/day/trainee be maintained)	1.50
D	Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)	1.50
E	Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)	1.03
F	FLD On Special Programme under NFSH	0.80
G	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)	0.96
H	Training of extension functionaries	0.30
I	Maintenance of buildings	0.50
J	Extension Activities	0.75
K	Farmers Field School	0.30
L	Soil, Plant & Water Testing Laboratory	0.00
M	Library	0.05
N	Contractual services (Fld Asst-2,Security-2,Skilled Helper-2,Farm labour-8)	0.00
25.1	TOTAL Recurring Contingencies	115.19
25.2	Non-Recurring Contingencies	
25.2.1	Works	
	Expansion of Hostel Building	0.00
	Poultry Unit	0.00
	Chain link fencing for staff quarters	0.00
25.2.2	Equipments including SWTL & Furniture	0.00
25.2.3	Vehicle (Four wheeler)	12.00
25.2.4	Library (Purchase of assets like books & journals)	0.00
25.2	TOTAL Non-Recurring Contingencies	12.00
25.3	REVOLVING FUND	
25.4	GRAND TOTAL	127.19