

PROCEEDINGS OF THE SIXTEENTH MEETING OF STATE LEVEL SANCTIONING COMMITTEE ON RASHTRIYA KRISHI VIKASA YOJANA, UNDER THE CHAIRPERSONSHIP OF CHIEF SECRETARY, GOVERNMENT OF KARNATAKA, HELD ON 15/05/2017 AT ROOM NO.313, VIDHANA SOUDHA, BENGALURU

List of Participants: Enclosed

The Commissioner for Agriculture welcomed the Chief Secretary, Government of Karnataka & Chairman, SLSC, RKVY, Joint Secretary (Crops) and Mission Director, National Mission on Oil Seeds and Oil Palm (NMOOP), GOI and other participants to the meeting. Initiating the discussions, the Commissioner presented the current status of RKVY implementation in the State, funds provided by GOI, sector wise utilisation of funds etc., and said that the allocation for 2017-18 is yet to be indicated by GOI.

The objective of the current SLSC is to:

- Review the status of implementation of projects implemented during 2016-17
- Approve the action plan for 2017-18.

The Joint Secretary (GOI), said that GOI is providing Central share of Rs.238.63 crores to Karnataka for the year 2017-18(Normal RKVY = Rs.186.37 crores, SCP = Rs.36.36 crores, TSP = Rs.15.90 crores). In response, Chairperson expressed surprise that though Union Budget for RKVY has increased by 34% for the current year(in comparison with 2016-17), the allocation to Karnataka has been increased only by 5.2%, inspite of better utilization of funds by the State. GOI was requested to enhance this allocation as the requirement of funds to support agriculture growth is increasing in the backdrop of successive droughts faced by the State.

However, the State has provided a budget of Rs.602.65 crores(Central Share Rs.361.59 crores & State share Rs.241.06 crores) for 2017-18. Considering this budget provision, the State Level Project Screening Committee(SLPSC) has approved projects worth Rs.719.20 crores in its meeting held on 22/03/2017.

Further deliberations of the meeting are as follows:

I. Confirmation of the Proceedings of 15th meeting of SLSC, RKVY

Proceedings of the 15th meeting of the State Level Sanctioning Committee held on 22/12/2016 was confirmed.

II. Action taken report on 15th meeting of the SLSC:

Issue	Action taken																					
<p>a) Utilisation of unspent balance of 2015-16</p>	<p>The unspent balance of Rs.11.50 crores was revalidated and released during 2016-17, out of which an amount of Rs.11.21 crores has been utilised.</p> <p style="text-align: right;">Rs.in crores</p> <table border="1" data-bbox="621 835 1417 1255"> <thead> <tr> <th data-bbox="621 835 849 930">Dept./Inst.</th> <th data-bbox="849 835 1128 930">Unspent balance of 2015-16</th> <th data-bbox="1128 835 1417 930">Amount utilised during 2016-17</th> </tr> </thead> <tbody> <tr> <td data-bbox="621 930 849 972">Agriculture</td> <td data-bbox="849 930 1128 972">5.35</td> <td data-bbox="1128 930 1417 972">5.06</td> </tr> <tr> <td data-bbox="621 972 849 1014">Horticulture</td> <td data-bbox="849 972 1128 1014">0.19</td> <td data-bbox="1128 972 1417 1014">0.19</td> </tr> <tr> <td data-bbox="621 1014 849 1056">Fisheries</td> <td data-bbox="849 1014 1128 1056">1.23</td> <td data-bbox="1128 1014 1417 1056">1.23</td> </tr> <tr> <td data-bbox="621 1056 849 1098">Sericulture</td> <td data-bbox="849 1056 1128 1098">0.03</td> <td data-bbox="1128 1056 1417 1098">0.03</td> </tr> <tr> <td data-bbox="621 1098 849 1203">Animal Husbandry</td> <td data-bbox="849 1098 1128 1203">4.70</td> <td data-bbox="1128 1098 1417 1203">4.70</td> </tr> <tr> <td data-bbox="621 1203 849 1255">Total</td> <td data-bbox="849 1203 1128 1255">11.50</td> <td data-bbox="1128 1203 1417 1255">11.21</td> </tr> </tbody> </table> <p>Agriculture Dept. to expedite the utilisation of Rs.0.29 crore and submit UC.</p>	Dept./Inst.	Unspent balance of 2015-16	Amount utilised during 2016-17	Agriculture	5.35	5.06	Horticulture	0.19	0.19	Fisheries	1.23	1.23	Sericulture	0.03	0.03	Animal Husbandry	4.70	4.70	Total	11.50	11.21
Dept./Inst.	Unspent balance of 2015-16	Amount utilised during 2016-17																				
Agriculture	5.35	5.06																				
Horticulture	0.19	0.19																				
Fisheries	1.23	1.23																				
Sericulture	0.03	0.03																				
Animal Husbandry	4.70	4.70																				
Total	11.50	11.21																				
<p>b) Third Party Monitoring and Evaluation</p>	<p>The Departments/Institutions have initiated the process to take up the third party evaluation of projects through Karnataka Evaluation Authority/External agencies.</p> <p>Government of India, RKVY division has entrusted Institute of Economic Growth(IEG) New Delhi for the evaluation study of RKVY projects implemented during 2016-17. The evaluation study has been initiated by IEG and is under progress.</p>																					

Issue	Action taken
c) Preparation of Comprehensive District Agriculture Plan (C-DAP), State Agriculture Plan (SAP) and State Agriculture Infrastructure Development Plan(SAIDP)	i) C-DAP, C-SAP & SAIDP for the prospective period 2015-16 to 2019-20 have been prepared and submitted to GOI.

III. Progress of Utilisation of funds released during 2016-17

GOI has released Rs.226.76 crores grants under Normal RKVY and Rs.15.55 crores for RKVY sub-schemes, total Central releases being Rs.242.31 crores. The State Govt. has also released the matching share of Rs.151.17 crores(Normal RKVY) and Rs.10.36 crores(RKVY sub-schemes). The total releases(Central & State share) for 2016-17 programme was Rs.403.84 crores.

a) Utilisation of 2016-17 releases

Rs. in crores

	Allocation	Releases			Expnd	% Expnd
		Central	State	Total		
Unspent balance of 2015-16(A)	11.50	6.90	4.60	11.50	11.21	0.29
Releases for 2016-17 programme						
Normal RKVY(B)	377.93	226.76	151.17	377.93	367.44	97.22
Sub-scheme(C)						
AFDP	16.80	10.08	6.72	16.80	16.20	96.43
CDP	6.61	3.97	2.64	6.61	6.32	95.61
Reclamation of Problem Soils	5.00	1.50	1.00	2.50	2.50	100.00
Sub - total(C)	28.41	15.55	10.36	25.91	25.02	96.57
Total releases for 2016-17 programme(B+C)	406.34	242.31	161.53	403.84	392.46	97.18
Total releases during 2016-17 (A+B+C)	417.84	249.21	166.13	415.34	403.67	97.19

b) Department/Institution wise utilization of 2016-17 funds

Rs. in crores

Sl. No	Dept./Inst.	Allocation	Releases	Expenditure	% Expenditure
1	Agriculture	125.07	125.07	121.21	96.91
2	Horticulture	65.59	65.59	64.10	97.73
3	Animal Husb	93.03	93.03	91.49	98.34
4	Fisheries	2.82	2.82	2.79	98.94
5	Agri Mrktg	54.62	54.62	53.82	98.54
6	Sericulture	9.62	9.62	9.32	96.88
7	UAS, Bangalore	1.13	1.13	1.13	100.00
8	UAS, Dharwad	3.08	3.08	3.08	100.00
9	UAS, Raichur	3.08	3.08	3.08	100.00
10	UAS, Shimoga	3.07	3.07	3.07	100.00
11	UHS, Bagalkote	2.19	2.19	2.19	100.00
12	IFAB	2.26	2.26	0.00	0.00
13	KSSC	1.32	1.32	1.32	100.00
14	KSSOCA	0.44	0.44	0.44	100.00
15	KSWC	32.70	32.70	32.70	100.00
16	KAPPEC	1.32	1.32	1.32	100.00
17	Watershed Dept.	5.00	2.50	2.50	100.00
	Total	406.34	403.84	393.56	97.45

Departments/Institutions were instructed to expedite the utilisation of unspent balance and submit UC by June 2017.

Project proposals for the year 2017-18

GOK has provided a budget of Rs.602.65 crores (Central share of Rs.361.59 crores: State share of Rs.241.06 crores) for 2017-18. The State Level Project Screening Committee(SLPSC) meeting, under the Chairpersonship of Additional Chief Secretary and Development Commissioner was held on 22/03/2017 and project proposals for Rs.719.23 crores were finalized for various Departments/Institutions.

RKVY allocation for 2017-18(tentative)

Rs. in crores

Sl.No	Department/ Institutions	Allocation proposed in the SLPSC	% Allocation
1	Agriculture	130.34	18.12
2	Horticulture	77.23	10.74
3	Animal Husbandry	201.41	28.00
4	Sericulture	17.98	2.50
5	Fisheries	6.62	0.92
6	Agril. Marketing	84.50	11.75
7	UAS Bangalore	3.07	0.43
8	UAS Dharwad	6.41	0.89
9	UAS Raichur	4.95	0.69
10	UAHS Shimoga	6.42	0.89
11	UHS Bagalkote	2.06	0.29
12	KSSC	20.75	2.89
13	KSSOCA	3.00	0.42
14	KSWC	55.84	7.76
15	KAPPEC	33.65	4.68
16	Tur Board	3.00	0.42
17	Watershed Devpt. Dept.	62.00	8.62
	Total	719.23	100

GOI has indicated the Central share for 2017-18 as Rs.238.63 crores(Normal RKVY). The State matching share(40%) works out to Rs.159.08 crores. However, it was decided to prepare plan for 25% above GOIs 2016-17 allocation considering 34% increase in GOI budget allocation for RKVY. Therefore, GOI share is calculated at Rs.298.28 crores and with State matching share(40%)of Rs.198.85 crores the total is Rs.497.13 crores. Accordingly, Department/Institution wise allocation was finalised as follows:

Department/Institution wise final allocation for the year 2017-18

Rs.in crores

Sl.No	Department/ Institutions	Allocation proposed in the SLPSC	Final allocation
1	Agriculture	130.34	100.34
2	Horticulture	77.23	59.21
3	Animal Husbandry	201.41	108.40
4	Sericulture	17.98	17.98
5	Fisheries	6.62	6.62
6	Agril. Marketing	84.5	25.00
7	UAS Bangalore	3.07	3.07
8	UAS Dharwad	6.41	6.41
9	UAS Raichur	4.95	4.95
10	UAHS Shimoga	6.42	6.42
11	UHS Bagalkote	2.06	2.06
12	KSSC	20.75	20.75
13	KSSOCA	3.00	3.00
14	KSWC	55.84	32.61
15	KAPPEC	33.65	30.00
16	Tur Board	3.00	3.00
17	Watershed Devpt. Dept.	62.00	67.31
	Total	719.23	497.13

Considering the available funds of Rs.497.13 crores, Dept/Inst. were directed to submit the project proposals as follows:

- **Main list** - Project proposals as approved in the SLPSC with priority for ongoing projects for the final allocation indicated in the above table(Annexure-1)
- **Additional list** - Remaining project proposals as approved in the SLPSC for which funding will be considered based on further availability of grants by GOI(Annexure-2)

The Department/Institution wise list of projects approved for the year 2017-18 are as follows:

DEPARTMENT OF AGRICULTURE

Rs. in crores

Sl. No.	Project	Project cost
1	Bhoochetana (II phase) (On-going project)	28.45
	GOI observations: Ongoing project. Supported as per approval of previous SLSC. Duplication may be avoided and there should not be any cost escalation.	
2	Bhoo Samvrudhi (II phase)(On-going project)	5.35
	GOI observations: Ongoing project. Supported as per approval of previous SLSC. Duplication may be avoided and there should not be any cost escalation	
3	Integrated Genomics assisted breeding for efficient development of superior finger millet varieties (On-going project)	3.54
	GOI observations: Ongoing project. Supported as per approval of previous SLSC	
4	K-KISAN(On-going project approved 2009-10)	6.00
5	Strengthening of Seed farms (On-going project)	10.00
	<p>GOI observations:</p> <p>NRM Division This is permissible as per NMSA Guidelines which prescribes as 50% of the total cost limited to Rs.25,000/- per unit only in areas which are not categorized under over-exploited, critical zones by CGWB for installation of Tube Wells. This is part of PMKSY and should be drawn from its DIP and must be part of AAP of current fiscal year (2017-18) duly approved by SLSC of PMKSY.</p> <p>Marketing Division Out of various components proposed, Construction of 19 Threshing Yards and Construction of 11 Seed Storage Godowns amounting Rs. 1.848 crores are supported and assistance @25%of the eligible cost is available under AMI Sub scheme of ISAM Total eligible subsidy is: Rs.0.462 crores (25% of 1.848 crores)</p> <p>Seed Division The capacity of proposed Seed Storage godown has not been indicated. Seed Division may have no objection for construction of Seed Storage Godowns as per SMSP norms. Accordingly against the cost proposed i.e. Rs. 10.50 lakh, the capacity of each proposed Seed Storage godown as per SMSP should not be less than 200 MT.</p>	

Sl. No.	Project	Project cost
6	Construction of RSK buildings	15.00
	GOI observations: Supported to the extent of PWD norms.	
7	PPP model for production of Bio-control agents	2.00
	GOI observations: PP Division The State of Karnataka has proposed an amount of Rs 200.00 Lakh for the above mentioned project. In this regard, DAC&FW will have no objections, provided the 'Strengthening and Modernization of Pest Management Approach in India' (SMPMA) norms are followed. Supported as per Comments.	
8	Community Micro Irrigation Tanks in tanks filled with treated water	5.00
	GOI observations: In principle the concept/ the proposal is supported. However, the project may be taken up only after obtaining comments of GoI on the DPR of the project.	
9	Construction of RSK Godown	25.00
	GOI observations: Marketing Division The project is supported and assistance @Rs.875/- per MT for the godowns upto 1000 MT and Rs.750/- per MT for the godowns above 1000 MT is available under AMI Sub scheme of ISAM. The amount of assistance could not be calculated as the capacity of the godowns has not been given in the proposal. Supported as per norms of AMI sub scheme of ISAM.	
	Dept. Total: Rs.100.34 crores (9 projects)	

- Direct Benefit Transfer(DBT) is being implemented in Bhoochetana. Therefore, the Dept. should focus on awareness creation among farmers by providing scheme details on Deptl. website, through bulk SMS, Radio programmes, Local Newspaper etc.,
- Bhoo Samvrudhi programme to be implemented in convergence with other line Dept. programmes.
- The project "Community Micro Irrigation Tanks in tanks filled with treated water" has been approved conditionally subject to GOI approval. Dept. to submit detailed project report involving Minor Irrigation department.

The Committee discussed and approved the project proposals of Dept. of Agriculture for Rs.100.34 crores

DEPARTMENT OF HORTICULTURE

Rs. in crores

Sl. No.	Project	Project cost
1	Integrated Development of Scientific Bee Keeping (New project)	2.92
<p>GOI observations: MIDH Division Supported as per cost norms of MIDH.</p>		
2	Development of Departmental laboratories (On-going project)	12.38
<p>GOI observations:</p> <p style="text-align: center;">(i)MIDH Division</p> <p>Components which are covered under MIDH may be supported as per cost norms of MIDH.</p> <p>(ii)PP Division</p> <p>The State of Karnataka has requested an amount of Rs 1238 lakh for development of Bio-centre labs under horticulture domain. PP division has no cost norms for the same</p> <p>iii) Supported as per previous SLSC</p>		
3	Strengthening of Parasite Production Laboratories in Karnataka	1.00
<p>GOI observations:</p> <p>PP Division</p> <p>The State of Karnataka has requested an amount of Rs 100 lakh for Strengthening of Parasite Production Laboratories. PP division has no cost norms for the same.</p> <p>Supported to the extent of RKVY guidelines.</p>		
4	Adoption of Good management practices- Rejuvenation in Coconut and Mango Garden (Ongoing project)	1.98
<p>GOI observations:</p> <p>MIDH Division</p> <p>Supported as per cost norms of MIDH.</p> <p style="text-align: center;">Supported as per MIDH norms.</p>		

Sl. No.	Project	Project cost
5	Strengthening of center of Excellence for Floriculture” Located at Tunga Horticulture Farm Shivamogga (On-going project)	1.00
	<p>GOI observations:</p> <p>MIDH Division Components which are covered under MIDH may be supported as per cost norms of MIDH.</p> <p>Ongoing project. Supported as per approval of previous SLSC. Duplication may be avoided and there should not be any cost escalation</p>	
6	Computerization of Horticulture Dept. (On-going project)	3.74
	<p>GOI observations:</p> <p>MIDH Division Not covered under MIDH. May be considered as per RKVY norms.</p> <p>Supported to the extent of RKVY guidelines.</p>	
7	Center of Excellence for protected cultivation, Somanahalli Kavel, Hassan (New project)	3.01
	<p>GOI observations:</p> <p>MIDH Division Components which are covered under may be supported as per norms of MIDH.</p> <p>Supported to the extent of MIDH norms.</p>	
8	Public Private Partnership For Integrated Horticulture Development (On-going project)	15.00
	<p>GOI observations:</p> <p>MIDH Division Components are not covered under MIDH. May be considered as per RKVY norms.</p> <p>Supported as per RKVY guidelines. Details regarding the components of the projects may be given.</p>	
9	Development and maintenance of Farmer Producer Organization (On-going project)	6.30
	<p>GOI observations:</p> <p>MIDH Division Supported as per SFAC cost norms.</p> <p>Supported as per SFAC norms.</p>	

Sl. No.	Project	Project cost
10	Incentives for Post-Harvest Management Activities in Horticulture (On-going project)	5.00
	GOI observations: MIDH Division Components which are covered under MIDH may be supported as per cost norms of MIDH. <p style="text-align: center;">Supported as per MIDH norms.</p>	
11	Up-gradation of Horticultural Training Centers in Karnataka (On-going project)	1.00
	GOI observations: May be considered as per RKVY norms. <p style="text-align: center;">Ongoing project. Supported as per approval of previous SLSC. Duplication may be avoided and there should not be any cost escalation.</p>	
12	Strengthening of Center of Excellence at Maddur (On-going project)	0.85
	GOI observations: MIDH Division Not covered under MIDH. May be considered as per RKVY norms. <p style="text-align: center;">Ongoing project. Supported as per approval of previous SLSC. Duplication may be avoided and there should not be any cost escalation.</p>	
13	Precision Farming in Mango, Banana, Payaya, Pomegranate, Grapes for SC&ST farmers (On-going project)	4.00
	GOI observations: MIDH Division Components which are covered under MIDH may be supported as per cost norms of MIDH. <p style="text-align: center;">Supported as per MIDH norms.</p>	
14	Strengthening of Skill Imparting Training Programmes at Biocentre, Hulimavu (New project)	1.03
	GOI observations: MIDH Division Not covered under MIDH. May be considered as per RKVY norms. <p style="text-align: center;">Supported as per PWD norms.</p>	
	Dept. Total: Rs.59.21 crores (14 projects)	

- For the project "Development of Special Agricultural Zones" detailed proposal to be submitted to GOI

- Dept. to submit revised DPRs to GOI incorporating information/details as indicated by the respective divisions of GOI and further remarks of GOI.

The Committee discussed and approved the project proposals of Dept. of Horticulture for Rs.59.21 crores

DEPT. OF ANIMAL HUSBANDRY AND VETERINARY SERVICES Rs. in crores

Sl. No	Project	Project cost
1	Strengthening of Farmers Training Centre and Creation of Infrastructure for skill development	
	a) Creation of infrastructure for training facility for farmers at Hassan (Ongoing project)	1.00
	GOI observations: <u>LI & Extn.)</u> Since the training centre is required for giving training of para vets. supported as Central share of Rs.60.00 lakh. Ongoing project. Supported as per approval of previous SLSC. Duplication may be avoided and there should not be any cost escalation	
	b) Creation of infrastructure for training facility for farmers and Veterinary Livestock Assistance training Centre at Belgavi (New project)	1.50
	GOI observations: <u>(LI & Extn.)</u> There is no training centre available at Belgavi. Hence supported as Central Share of Rs.120.00 lakh. Supported as per PWD norms.	
	c) Creation of Infrastructure for training of farmers in piggery rabbit Hesaraghatta training center at LBF Hesaraghatta	1.80
	Project Total	4.30
2	Comprehensive Poultry Development Programme	
	a] Establishment and Modernization of fully automated breeding and rearing sheds in departmental farms (New project) - Hessarghatta Rs.58.00 lakhs, Dharwad Rs.50.00 lakh, Malavalli Rs.92.00 lakh	1.35
	b] Establishment of Regional Poultry Breeding and Training Center, Kurikuppe (Ongoing project)	2.30
	GOI observations: We may agree subject to that they are within RKVY norms of Capital expenditure and sharing pattern	

Sl. No	Project	Project cost
	c] Establishment of Backyard Poultry Breeding Centre in Mokali Village, Arkalgud Taluk, Hassan District (New project)	2.50
	d] Establishment of Commercial Layer Farms & Commercial Broiler Farms in Clusters(New project)	2.00
	GOI observations: We may agree subject to that they are within RKVY norms of Capital expenditure and sharing pattern	
	e] Establishment of Backyard Poultry Breeding Centre in Kesartagi Village of Kalburgi Taluk and Kalburgi District. (New Project)	2.50
	Project Total	10.65
3	Fodder Development Programme	
	a] Supply of Post Harvest Equipments(Chaff Cutters) of 1HP,2HP,3HP at 50% subsidy(On-going project)	1.00
	GOI observations: Fodder Division i) 50% of the cost or Rs 6000/-Max (for power driven chaff cutter with one Horse Power motor for the farmers holding 5-15 livestock), for 323 Beneficiaries. ii) 50% of the cost or Rs 8000/-Max (for power driven chaff cutter with two Horse Power motor for the farmers holding 16-25 livestock) for 323 Beneficiaries iii) 50% of the cost or Rs 10000/-Max (for power driven chaff cutter with three Horse Power motor for the farmers holding 26 or more livestock) Central assistance, whichever is minimum towards the cost of machinery (Power Driven Chaff Cutter) for 322 Beneficiaries Hence total cost for 1HP-Rs19,38,000/- 2Hp-Rs.25,84,000/- 3 Hp-Rs.32,20,000/- Hence total cost Rs.77,42,000/- as central assistance is being recommended for the above component. <p style="text-align: center;">Supported as per comments</p>	

Sl. No	Project	Project cost
	b] Establishment of two Silage production units on large scale in Departmental livestock farms on PPP mode. (New project)	1.00
	<p>GOI observations:</p> <p style="text-align: center;"><u>Fodder Division</u></p> <p>Developing areas of 2000 acre farmer's cultivable land for green production with estimated outlay of Rs 4.00 crore. The proposed works to be undertaken for creation of required infrastructure for irrigation, crop production equipments / Machineries, procuring seed from Regional Fodder Station, Bengaluru. The expected benefits of the intervention are production of 1.2 lakh tonnes / year of green fodder and 80 -90 thousand MT of silage for using of farm animals and surpluses would be distributed drought prone farmers. The expected value of Silage will be about Rs.51.00 crore. The proposal will help to achieve drought proofing in chronicle drought prone areas of Karnataka and is supported fodder silage production through roping 2000 acre farmer's cultivable land.</p> <p>Supported as per comments.</p>	
	c] Fodder Production Infrastructure at Live stock Breeding Farm, Kudige	1.00
	d] Fodder Seed Production Infrastructure at khillar Cattle Breeding Farm, Bankapur(New)	0.75
	Project total	3.00
4	Comprehensive Development of Sheep and Goat in Karnataka	
	a] Establishment of Goat farms for milk production of Marketing Infrastructure of include goat milk procurement (Ongoing project)	1.80
	b] Comprehensive Sheep and Goat Development in the State by Induction of Sheep and Goat Units (100+5) under RKVY 2016-17 by KSWDCL (New project)	3.00
	c] Establishment of multipurpose Ambulatory clinic in 8 districts.	0.80
	<p>The GOI observations are as follows:</p> <p>Ongoing project. Supported as per approval of previous SLSC. Duplication may be avoided and there should not be any cost escalation.</p>	
	d] Supply of shearing machine to district offices of KSWDCL	1.50
	Project Total	7.10

Sl. No	Project	Project cost
5	Research and Extension Projects of Veterinary University.	
	a] Establishment of Centre of Excellence for transfer of technology in animal production (Hassan/Konehally Campus) (Ongoing project)	1.60
	b] Establishment of Centre of Excellence for transfer of technology in animal production (Shiggaon Campus, Haverly Dist) (Ongoing project)	1.57
	The GOI observations are as follows: Ongoing project. Supported as per approval of previous SLSC. Duplication may be avoided and there should not be any cost escalation.	
	c] Study of Antimicrobial resistance in Bovine Subclinical Mastitis pathogens in selected district to reduce its occurrence and improve economical status of farmers(New project)	1.20
	d] Establishment of Meat Processing Centre for Value Addition of Meat(New project)	1.10
	GOI observations: Not Supported. As per para (6.4 g) of RKVY guidelines State need to obtain approval of ICAR before implementations for research projects.	
	Project Total	5.47
6	Dairy and Dairy Infrastructure Development in Karnataka	
	a] Establishment of Flexy Pack Unit at Belgaum milk union (Ongoing project)	2.06
	b] Establishment of UHT in Flexy Pack Unit at Bellary, Raichur, and Koppal milk union (Ongoing project)	4.00
	c] Establishment of Flexy Pack Unit at Tumkur for Milk Unions(Ongoing project)	2.00
	GOI observations: Ongoing project. Supported as per approval of previous SLSC. Duplication may be avoided and there should not be any cost escalation.	

Sl. No	Project	Project cost
	d] 100 MTPD Cattle feed plant at Arakalagudu (New project)	9.68
	GOI observations: Not supported in the absence of comments from DAHD&F.	
	Project Total	17.74
7	Strengthening Animal Health, Animal Breeding and Extension Services in Karnataka	
	a] Strengthening of diseases diagnosis infrastructure by supply of Digital WBC analyser and HB analyser and Large animal ultrasound scanning mechine for spot disease dignosis to all 30 district polyclinics and 176 Mobile Veterinary Clinics (New project)	5.86
	GOI observations: Ongoing project. Supported as per approval of previous SLSC. Duplication may be avoided and there should not be any cost escalation.	
8	Strengthening Frozen Semen Production Centers and Livestock breeding farms for genetic upgradation.	
	a] Existing Frozen Semen Production Centers at State Livestock Breeding and Training Center, Hessaraghatta. (New project)	4.00
	GOI observations: <u>Cattle Division</u> Detailed Justifications for strengthening of semen station isnot given in the project document. <ul style="list-style-type: none"> • State has not given details of bulls and breeds of the bulls proposed tobe inducted at semen station after strengthening • District wise increase in AI coverage is not given in the project document which will be achieved after strengthening. • Details of the calculation of cost estimates are not given in the project document. • Increment in semen production after strengthening is not given in the project document 	

Sl. No	Project	Project cost
	<ul style="list-style-type: none"> • Semen station shall be strengthened as per MSP and SOP for semen production notified by this Department. • The project shall be implemented as per guidelines of RKVY. • Cost estimates may be validated from reliable agency like NABARD. • Semen station shall be strengthened as per national action plan and AI coverage shall be extended to 100% of breedable bovine females. <p>Recommendation:</p> <p>State may be allowed to strengthen SLBTC Hessarghata subject to the condition that State will induct only bulls of indigenous breeds. State is not allowed to induct bulls of exotic breeds at this station. State is not allowed to undertake PT for Holstein Friesian.</p> <p style="text-align: center;">Supported to the extent of comments of cattle division.</p>	
	b] State Semen Production Center, Hessaraghata(New project)	1.50
	<p>GOI observations:</p> <p><u>Cattle Division</u></p> <ul style="list-style-type: none"> • Detailed Justifications for strengthening of semen station are not given in the project document. State has not given details of bulls and breeds of the bulls proposed to be inducted at semen station after strengthening • District wise increase in AI coverage is not given in the project document which will be achieved after strengthening. • Details of the calculation of cost estimates are not given in the project document. • Increment in semen production after strengthening is not given in the project document • Semen station shall be strengthened as per MSP and SOP for semen production notified by this Department. <p><u>The project shall be</u> implemented as per guidelines of RKVY. Cost estimates may be validated from reliable agency like NABARD.</p>	

Sl. No	Project	Project cost
	<ul style="list-style-type: none"> • Semen station shall be strengthened as per national action plan and AI coverage shall be extended to 100% of breedable bovine females. • State may merge SLBTC Hessarghata and SSC Hessarghata for economy of operation. <p>Recommendation: State may be allowed to strengthen SSC Hessarghata subject to the condition that State will induct only bulls of indigenous breeds. State is not allowed to induct bulls of exotic breeds at this station. State is not allowed to undertake PT for Holstein Friesian.</p> <p style="text-align: center;"><u>Supported to the extent of comments of cattle division.</u></p>	
	c] Strengthening of Livestock Breeding Farm, Munirabad for genetic upgradation (New project)	1.00
	<p>GOI observations: <u>Cattle Division</u> Details of the bull mother available at the farm along with their standards are not given in the project document.</p> <ul style="list-style-type: none"> • Details of the bulls supplied over the years by the farm are not given in the project document. • Number of Krishna Valley breed available at semen stations in the State is not given in the project document in order to analyses requirement of Krishna valley bulls in the State. • Funds shall be utilized for induction of additional bull mothers as per standards given in MSP for semen production. • Cost estimates may be checked from some reliable sources like NABARD. <p>Recommendation: State may be allowed to take up activity subject to condition stated above.</p> <p style="text-align: center;"><u>Supported to the extent of comments of cattle division.</u></p>	
	d] Semen Production Center LBTC, Dharwad	0.75
	e] Strengthening of Buffaloe bull mother farm, Tegur for Genetic upgradation	0.72
	Project cost	8.00

Sl. No	Project	Project cost
9	Piggery Development Programme	
	a] Strengthening of existing piggery farms at Hessaraghatta farm (Ongoing project)	1.46
	GOI observations: Ongoing project. Supported as per approval of previous SLSC. Duplication may be avoided and there should not be any cost escalation.	
	b] Strengthening of existing piggery farms, Kalasa, Chikkamagaluru District	1.03
	e] Strengthening of existing piggery farms, Koila, Dakshina Kannada District	0.72
	Project cost	3.21
10	Strengthening of Animal Health, Animal Breeding and Extension Services in Karnataka .	
	a] Upgradation of quality control labs for creation of Animal Challenge facility as per G.M.P norms(Ongoing project)	2.50
	b] Establishment of Veterinary Forensic Lab (Ongoing project)	2.34
	The GOI observations are as follows: Ongoing project. Supported as per approval of previous SLSC. Duplication may be avoided and there should not be any cost escalation.	
	c] Establishment and upgradation and Modification of FMD Lab(New project)	2.00
	GOI observations: Not supported in the absence of comments from DAHD&F.	
	Project cost	6.84
11	Pashu Bhagya :- Animal Induction Programme for Milk and Meat Production at 50% for SC/ST and 25 % subsidy for others.	
	a] Pashu Bhagya :- i] Dairy Animal Induction unit at Rs.1.20 lakhs (Ongoing project)	25.00
	GOI observations: <u>Cattle Division</u> Proposal is not as per NAP. At present State is deficient with cold chain and milk marketing infrastructure which will be required before induction of dairy	

Sl. No	Project	Project cost
	animals/unit in large number. Therefore State may not be allowed to take up activity in the present form Recommendation: State may not be allowed to take up activity in the present form. In principle the project is supported the State may give proper justification before approval of the project in SLSC meeting and the cost may be restricted upto 25 crores.	
	b] Sheep and Goat Induction 10+1 unit Rs.67440/- (Ongoing project)	2.00
	c] Pig 3+1 or 10 pigletes fattening (Ongoing project)	0.50
	d] Establishment of 250 commercial layer unit/ 500 broiler units (Ongoing project)	1.00
	GOI observations: In principle the project is supported the State may give proper justification before approval of the project in SLSC meeting and the cost may be restricted upto 25 crores.	
	Project Total	28.50
12	Cluster based Integrated Livestock Farming System with backward and forward linkages (New project)	
	a] Subsidy @ Rs.1.00 lakh /beneficiary for induction of a combination of two livestock units, 25units in one Grama Panchayath of each Assembly constituency	6.98
	GOI observations: Supported to the extent of NMSA guidelines. The cost may be restricted upto 25 crores.	
	Animal Husbandry Total: Rs.108.40 crores (12 project)	

- The Project "Comprehensive Poultry Development Programme" has been approved conditionally subject to GOI approval.
- The project " Cluster based Integrated Livestock Farming System with backward and forward linkages" to be implemented in convergence with Integrated Farming System(IFS) activities of other line Depts.

- Dept. to submit revised DPRs to GOI incorporating information/details as indicated by the respective divisions of GOI and further remarks of GOI.

The Committee discussed and approved the project proposals of Dept. of Animal Husbandry for Rs.108.40 crores

FISHERIES DEPT.

Rs. in crores

Sl. No	Project	Project cost
1	Upgradation of Fish Seed Production Farms in Karnataka (On-going project)	1.60
2	Reservoir Fisheries Development through Stocking of fish fingerlings (On-going project)	1.00
	GOI observations: Ongoing project. Supported as per approval of previous SLSC. Duplication may be avoided and there should not be any cost escalation.	
3	Assistance for supply of fishery requisites to fishermen for increasing the fish production (Ongoing project)	2.00
4	Special Development Plan (On-going project)	1.00
	GOI observations: Ongoing project. Supported as per approval of previous SLSC. Duplication may be avoided and there should not be any cost escalation.	
5	Seabass cage culture in Coastal Karnataka (New project)	0.61
6	Demonstration of utilization of saline, alkaline and waterlogged areas for fish culture in Cauvery, Tungabhadra and Krishna command areas (New project)	0.41
	GOI observations: Not supported in the absence of comments from DAHD&F.	
	Fisheries Total: Rs.6.62 crores (total projects 6)	

- The projects in sl.no. 5 & 6 conditionally approved subject to comments from DAHD&F.

The Committee discussed and approved the project proposals of Dept. of Fisheries for Rs.6.62 crores

SERICULTURE DEPARTMENT

Rs.in crores

Sl. No.	Project	Project cost
1	Package for enhancement of soil health –for quality and productivity (On-going Project)	4.00
2	Assistance for trenching /mulching in mulberry gardens for seed farmers .-BV /MSC and bivoltine hybrid farmers (On-going Project)	2.00
	GOI observations: Ongoing project. Supported as per approval of previous SLSC. Duplication may be avoided and there should not be any cost escalation.	
3	Development of package of practices for tree mulberry cultivation and its popularization (KSSRDI) (New Project)	0.35
	GOI observations: Supported as per applicable norms of Centre/State schemes.	
4	Assistance for providing disinfection, fogger and cooler units to stablize the cocoon crops(New Project)	4.00
	GOI observations: Supported as per RKVY guidelines	
5	Supply of bamboo Mountages (chandrikes) for Mysore seed area rearers (On-going Project)	0.40
	GOI observations: Ongoing project. Supported as per approval of previous SLSC. Duplication may be avoided and there should not be any cost escalation.	
6	Providing Assistance for DRUMKIT/ AMIT Technology (New Project)	0.38
	GOI observations:Supported as per RKVY guidelines	
7	Formation of farmer produce organization(FPOs) to promote quality in cocoon and silk production(On-going Project)	1.00
	Ongoing project. Supported as per approval of previous SLSC. Duplication may be avoided and there should not be any cost escalation.	

Rs.in crores

Sl. No.	Project	Project cost
8	Providing DX-type refrigeration systems(cold rooms) to Government model grainages at Chadalpura, Chithradhurga and Sulibele for reservation of male moths and long term preservation of silk worm DFLs (Hibernation) (New project)	1.75
	GOI observations: Supported to the extent of RKVY guidelines.	
9	Computerisation of Department of Sericulture(On-going project)	4.10
	Sericulture total: Rs.17.98 crores (Total projects 8)	

The Committee discussed and approved the project proposals of Dept. of Sericulture for Rs.17.98 crores

DEPARTMENT OF AGRICULTURE MARKETING

Rs.in cores

Sl. No.	Project	Project cost
1	Providing Market Infrastructure facilities like Scientific storage godowns, covered auction platforms, cold storages sunday Markets, solid waste managements system in the selected APMC's in Karnataka State (On-going Project)	25.00
	GOI observations: <u>Marketing Division</u> <ul style="list-style-type: none"> Market Infrastructure Facilities like Covered Auction Platforms, Sunday Markets in selected APMCs amounting Rs.52.50 crores is supported and assistance @ 25%of the eligible cost is available under AMI Sub scheme of ISAM. Total eligible subsidy is: Rs.13.125 crores (25% of 52.50 crores) Supported to the extent of RKVY Guidelines. The project cost may be scaled down to 25 crores by reducing the number of APMCs	

- The Dept. to source the balance fund requirement from APMC funds and complete the ongoing project works as project is being implemented since 2015-16.

The Committee discussed and approved the project proposals of Dept. of Agriculture Marketing for Rs.25.00 crores

Sl. No	Project	Project cost
1	Establishment of molecular diagnostic laboratory for detection of plant pathogens (New project, project period is 3yrs, Proposed total project cost is Rs.0.75crs)	0.61
	<p>The ICAR observation is as follows:</p> <p>Although it covers well thought of aims and objective, following points need to be clarified before taking final decision.</p> <p>Under project 1 and 2 it is important to list out the major viruses and bacteria of various crops for which the senior principal investigation intended to develop detection kit. Also it is important to give a list if viruses and bacteria against which the detection kit is already available in their laboratory.</p> <ul style="list-style-type: none"> • They are also advised to give materials and material and methods in brief with regard to the development of detection kits against the intended viruses and bacteria and additional facilities in terms of non recurring (instruments) required thereof with approximate cost of individual instruments. • Under recurring the cost of chemicals and costs related to man power and skilled assistance must be given separately. <p>Activity milestone may also be indicated to clear out various activities year wise.</p> <ul style="list-style-type: none"> • With regard to the indicated of the project, it is no doubt early virus detection is very important in planting material etc so as to have healthy planting material. <p>However, before taking final decision with appropriate modifications, this proposal may be evaluated by the suitable virology experts working in various ICAR and State agricultural universities.</p>	

Sl. No	Project	Project cost
2	Subsoil manuring for enhancing crop productivity in rainfed farming regions of Southern Karnataka (New project, project period is 3yrs, Proposed total project cost is Rs.0.82 crs)	0.50
	<p>The ICAR observation is as follows:</p> <ul style="list-style-type: none"> • Subsoil compaction occurs due to several reasons including natural as well as manmade factors. • Some of the tillage practices do cause such problems in soil and the problem gets accumulated when it is coupled with high clay content and sodium at deeper layers. • The impeded drainage and poor root development particularly in rainfed ecosystems is a major concern that limits crop production. • Subsoil shattering using special type of implements like chisel plough and subsoil could help in modifying subsoil environment for short period but it does not provide long term solutions. • However, subsoil manuring - A new technology is ray of hope and it could be tested in Indian conditions to ascertain the usefulness of the technology on pilot-scale. • The project aimed at improving subsoil environment to improve infiltration to store more soil moisture in deeper layers of soil profile vis-à-vis promoting root penetration is timely and this kind of research needs to be replicated in the areas where similar problems prevail. • The methodology for carrying out pilot-scale field experiments and demonstrations in farmer's fields is appropriate. • Once the technology is proved, there will be a wide scope for upscaling to micro water sheds where such problems are encountered. • The budget sought for implementing the project in 2-3 locations for the period of three years seems to be reasonable. Hence the project may be considered for funding under RKVY. <p style="text-align: center;">Supported as per comments.</p>	

Sl. No	Project	Project cost
3	Standardization of diagnostic methods for testing of genetic purity of seeds and seed Health (New project, project period is 3yrs, Proposed total project cost is Rs.2.00 crs)	0.70
	<p>The ICAR observation is as follows:</p> <p style="text-align: center;">Supported as per comments.</p> <p>ICAR</p> <p>Out of three strategies, two (Grow-out- Test-GOT and Other distinguishable Variety-ODV) are already approved and in practice. Only molecular diagnosis needs further development. However, the combination of two or more strategies is appropriate and will be useful where some varieties with trifling morphological difference.</p> <p>In molecular diagnosis- the markers should be identified after considering all the varieties in the seed production chain of Karnataka to enhance the applicability of these results throughout Karnataka.</p> <p>ICAR</p> <p>In addition to routine methods, molecular and serological methods are also included in seed health determination. The methods proposed to determine the pathogens are appropriate and sufficient.</p> <p>Establishment of diagnostic laboratory</p>	
4	Development of Sustainable Pilot Model Seed Platform (New project, project period is 3yrs, Proposed total project cost is Rs.3.06 crs)	0.81
	<p>The ICAR observation is as follows:</p> <p>ICAR</p> <p>Development of a common platform to get all the seed related information from technical know-how to seed availability, varietal performance of public and private bred varieties, etc. for establishing a sustainable seed production system is a good concept. The comments on the project proposal are as follows:</p> <ol style="list-style-type: none"> 1. In general, the concept is a new one and important in the current scenario. 2. It proposed develop a data base on all the varieties developed by both public and private sector and also it facilitates for variety registration. It will be a useful one for all the stakeholders of seed. <p>Hence, the proposal is recommended for funding under RKVY as the concept is new and useful for various stakeholders of seed.</p>	

Sl. No	Project	Project cost
5	Development of nanoparticle-based DSRNA delivery system to manipulation of specific traits in plants (New project), project period is 3yrs, Proposed total project cost is Rs.0.61 crs)	0.45
<p>The ICAR observation is as follows:</p> <p><u>ICAR</u></p> <p>a)The project is recommended for funding under RKVY</p> <p>b) Preparation of dsRNA: The proposal did not explain the dsRNA (Sammons et al. 2011, Li et al 2015), trunk injection in trees, etc. So the investigators may have to try different methods which have been attempted earlier with appropriate modifications. RKVY.</p> <p>c) Nanoparticle coated dsRNA, Chitosan embedded dsRNA and other appropriate method need to be chosen for delivery of dsRNA.</p> <p>d). In addition to dsRNA, Nanoparticle coated and/or Chitosan embedded siRNA RNAs may also be tried as their uptake by plants may be better because of the smaller size; and may be more effect as it need not be processed once it enters the cytosol.</p> <p>e) The genes proposed in the project proposal are not appropriate. For examples the list of genes proposed for manipulating stomatal closure. So the negative regulators of stomatal closures and drought tolerance may be selected for validation in addition to the reporter genes</p>		
UAS Bangalore total: Rs.3.07 crores (5 Projects)		3.07

The Committee discussed and approved the project proposals of UAS, Bangalore for Rs.3.07 crores

Sl. No	Project	Project cost
1	Rhizosphere engineering to invigorate the farm lands through endophytic/associative microbes as colonizing biophores(New project, project period is 3yrs, Proposed total project cost is Rs.1.99 crs)	1.45
2	Molecular breeding for in groundnut and linseed (New project, project period is 1yr, Proposed total project cost is Rs.1.30 crs)	0.99
	The ICAR observation is as follows: As per para 6.4(g) of RKVY Guidelines. State needs to obtained approval of ICAR for research projects.	
3	Exploration of Halophytes and salt resistance genes for Bio-amelioration of salt affected soils. (New project, project period is 2yrs, Proposed total project cost is Rs.1.50 crs)	0.60
	The ICAR observation is as follows: As per para 6.4(g) of RKVY Guidelines. State needs to obtained approval of ICAR for research projects.	
4	Genetic Enhancement for disease resistance in Pigeon Pea and Moisture Stress Resistance in Rabi Sorghum through Molecular Breeding (New project, project period is 3yrs, Proposed total project cost is Rs.1.77 crs)	0.92
	The ICAR observation is as follows: As per para 6.4(g) of RKVY Guidelines. State needs to obtained approval of ICAR for research projects.	
5	Molecular breeding and genetic enhancement in breaking yield barriers in Pulses (New project, project period is 2yrs, Proposed total project cost is Rs.2.72 crs)	2.45
	The ICAR observation is as follows: As per para 6.4(g) of RKVY Guidelines. State needs to obtained approval of ICAR for research projects.	
	UAS Dharwad total: Rs.6.41 crores (5 Projects)	6.41

The Committee discussed and approved the project proposals of UAS Dharwad for Rs.6.41 crores, subject to ICAR approval.

Sl. No	Project	Project cost
1	Radiation Technology (SIT) for management of pink bollworm as an integral component of cotton IPM (New project, project period is 3yrs, Proposed total project cost is Rs.1.09 crs)	0.56
	<p>The ICAR observation is as follows:</p> <p><u>ICAR</u></p> <p>The objective is to evaluate radiation technology (SIT) along with other IPM components and their compatibility in the field conditions. The SIP is species specific and compatible with all other tactics of IPM. Research in the direction would help reduce crop losses without having serious implications on human/animal health and environment. Hence, the project is recommended for funding under RKVY</p> <p style="text-align: center;">Supported as per comments.</p>	
2	Green Synthesis and Characterization of Nano Pesticide for Enhancing the Quality of Agricultural Produce (New project, project period is 2yrs, Proposed total project cost is Rs.2.72 crs)	1.73
	<p>The ICAR observation is as follows:</p> <p><u>ICAR</u></p> <p>Research on release of synthesized silver nano particle in nano and nano encapsulated forms, may lead to minimum effective toxin concentration levels. Hence, the project is recommended for funding under RKVY.</p> <p style="text-align: center;">Supported as per comments.</p>	

Sl. No	Project	Project cost
3	Mechanization of selected farm operations through drones and other remote controlled on-farm equipment (New project, project period is 3yrs, Proposed total project cost is Rs.2.18 crs)	0.96
	<p>The ICAR observation is as follows:</p> <ul style="list-style-type: none"> • The title of the project is good. But, except drone mounted sprayer there is no mention about other remote controlled farm equipments to be taken up for mechanization. • The objective 2 says about development and adoption of remote controlled mechanism to the identified farm vehicle and equipments, whereas nothing is identified in the proposal. • The proposed team of the investigators seems to be weak in terms of scientific competence. The investigators team is lacking the experts from the electronics and computer background to complete the objectives 1 & 2. • The proposal is lacking the bio-data of principal investigators and co-investigators covering the salient experience, expertise and research papers published related to workd in the proposed project. • In view of the above, the project proposal needs major modification before its consideration 	
4	Strengthening of Food Quality Testing Laboratory by Establishing Food Microbiology Laboratory (New project, project period is 2yrs, Proposed total project cost is Rs.2.06 crs)	0.81
	<p>The ICAR observation is as follows:</p> <p>ICAR</p> <ul style="list-style-type: none"> • It is important to carry out analysis of food and food products for microbes, myco toxins in addition to pesticides in a laboratory, accredited by NABL and APEDA. Hence, the project is recommended for funding under RKVY. <p style="text-align: center;">Supported as per comments.</p>	

		Rs.in crores
Sl. No	Project	Project cost
5	Determination of quality of pesticide formulation at Hyderabad-Karnataka region. (New project, project period is 3yrs, Proposed total project cost is Rs.2.01 crs)	0.90
	<p>The ICAR observation is as follows:</p> <p><u>ICAR</u></p> <ul style="list-style-type: none"> It is appropriate to have a pesticide quality control laboratory in public sector/ third party evaluator to maintain the standard active ingredient and to stop adulteration in the pesticide industry. Hence, the project is recommended for funding under RKVY. <p style="text-align: center;">Supported as per comments.</p>	
	UAS Raichur total: Rs.4.95 crores (5 Projects)	4.95

- The project "Mechanization of selected farm operations through drones and other remote controlled on-farm equipment" to be revised as per ICAR observations and to be submitted for ICAR approval.

The Committee discussed and approved the project proposals of UAS Raichur for Rs.4.95 crores

**UNIVERSITY OF AGRICULTURAL AND HORTICULTURAL SCIENCES,
SHIVAMOGGA**

Rs.in crores

Sl. No	Project	Project cost
1	Establishment of Pesticide Residue Testing Laboratory for Monitoring and Assuring Quality of Soil, Water and Food (New project), project period is 1 yr, Proposed total project cost is Rs.2.50 crs)	2.00
	<p>The ICAR observation is as follows:</p> <p>ICAR</p> <ul style="list-style-type: none"> Establishment of pesticide residue analysis laboratory for monitoring is an important activity to check pesticide residues in raw food, agriculture produce, fruits and vegetables. The well equipped laboratory at Shivamogga would help farm producers and produce eaters equally. Therefore, is need to establish pesticide residue laboratory in Shivamogga. Hence, The project is recommended for funding under RKVY. <p align="center">Supported as per comments.</p>	
2	Centre of Excellence for Diagnosis of Plant Diseases and Pests (New project, project period is 2yrs, Proposed total project cost is Rs.1.50 crs)	0.80
	<p>The ICAR observation is as follows:</p> <p>ICAR</p> <p>Creation of “Centre of excellence for diagnosis of plant diseases and pests” for fast diagnosis of pathogens and pest would help timely and appropriate application of management practices.</p> <p>Hence, The project is recommended for funding under RKVY.</p> <p align="center">Supported as per comments.</p>	

Sl. No	Project	Project cost
3	Climate Resilience through Demonstration of Climate Smart Farming Practices. (New project, project period is 2yrs, Proposed total project cost is Rs.1.50 crs)	0.92
	<p>The ICAR observation is as follows:</p> <p>ICAR</p> <ul style="list-style-type: none"> • The objectives have been focused and the methodology has been mentioned with clarity. However, the following objective (objective 2 as given below) may be deleted. • To identify suitable crops and their cultivars for changing climate through screening in open top chambers and temperature gradient tunnels. • Establishment of facilities like open top chamber, TFACE and Temperature gradient tunnels are very costly. These facilities also require lot of expenditure to run, which become difficult once the project is over. Their validation usually take more than one year time. • Therefore, the proposal may be approved without the objective 2 for receiving funding support. The methodology, budget and deliverables should be revised accordingly to finalize the proposal. 	
4	Establishment of Hydroponic Fodder Production Technology units (New project, project period is 1yr, Proposed total project cost is Rs.1.00 crs)	1.00
	<p>The ICAR observation is as follows:</p> <p>ICAR</p> <ul style="list-style-type: none"> • The agro climate conditions of the suggested region are suitable for round the year fodder production with very high production potential under irrigated conditions. • Hydroponics fodder production is new as well as emerging theme in the arena of augmentation of fodder availability during lean periods. Hence it is apt to promote it. 	

Sl. No	Project	Project cost
	<ul style="list-style-type: none"> • The project may initially be taken up at 3 of 4 places with simultaneous evaluation of low cost hydroponics fodder production units which costs approximately 3.5 to 4.0 rupees. The periodical monitoring & reviewing should be done by high level team including experts from the field fodder and social sciences at six monthly in first year and subsequently every year. • How this production (Fodder) will be utilized the year (whether fed to livestock at KVK or at farmers field). What will be harvest and carrying mechanism of hydroponically grown fodder by farmers from KVKs? It should be clearly explained. • Time frame is very short. This must be at least three years to demonstrate the technology and study the feasibility and viability of system on sustainable basis. • Before take up the project, it must be borne in round that the hydroponic produced fodder can only partially supplement the fodder availability. It is difficult to sustain a dairy unit on hydroponically produced fodder. • The project may be taken up at 3 of 4 places for three years after satisfying above observations <p style="text-align: center;">Supported as per comments.</p>	
5	<p>Large scale Multiplication of Elite Horticultural Planting Materials. (New project), project period is 1yr, Proposed total project cost is Rs.1.00 crs)</p>	1.00
	<p>The ICAR observation is as follows:</p> <p>a) Project pertains to multiplication of elite horticultural planting materials with an objective to identify and developed suitable planting material for propagation and simultaneously large scale multiplication.</p> <p>b)Crops identified for propagation and multiplication are cashew, pepper and mango for which nursery plants will be produced in the poly/shade house.</p> <p>c)The project is for five years from 2017-18 to 2021-22 worth Rs. 100 lakhs.</p> <p>d).The project is important since horticultural crops in coastal belt is decreasing</p>	

	<p>gradually and farmers are losing interest in horticulture due to non-availability of planting materials. Therefore, to mitigate this problem production of planting material through the nursery is one of the important activities.</p> <p>e).The university can be advised to take other important horticultural crops which are grown there and of immense important, e.g. sapota, papaya, jackfruit, coconut.</p> <p>f).The PI and Co-PI of the project are qualified having sufficient research experience to take the project forward.</p> <p>Hence, The project is recommended for funding under RKVY.</p> <p style="text-align: center;">Supported as per comments.</p>	
6	Standardizing the Use of Robotics for Spraying/ Release of Parasites, Predators, Entomopathogens and Chemicals for Management of Insect Pests and Diseases of High Canopy Plantation Crops (New project, project period is 1yr, Proposed total project cost is Rs.1.00 crs)	0.70
	<p>The ICAR observation is as follows:</p> <p>MIDH Division</p> <p>Not covered under MIDH. May be considered as per RKVY norms.</p> <p><u>ICAR</u></p> <p>The project aims to reduce the use of manpower and designing drones and spraying equipments, for application of bio-control agents on coconut and areca nut trees.</p> <p>Hence, The project is recommended for funding under RKVY.</p> <p style="text-align: center;">Supported as per comments.</p>	
	UAHS Shimoga total: Rs.6.42 crores (6 Projects)	6.42

- The project " Climate Resilience through Demonstration of Climate Smart Farming Practices" to be implemented as per ICAR observations.

The Committee discussed and approved the project proposals of UAHS Shimoga for Rs.6.42 crores

Sl. No	Project	Project cost
1	Development of certification protocols for planting materials of Horticultural origin. (New project, project period is 3 yrs, Proposed total project cost is Rs.1.03 crs)	0.42
2	Distillation and Value Addition to Promote Menthol Mint Cultivation. (New project, project period is 2yrs, Proposed total project cost is Rs.0.47 crs)	0.40
3	Establishment of Bio Control Laboratories for Organic Production of Horticultural Crops. (New project, project period is 3yrs, Proposed total project cost is Rs.0.97 crs)	0.60
4	Biological control of root knot nematode in pomegranate (<i>Punica grantum</i> L.): Development of Bio-formulation product (New project, project period is 4yrs, Proposed total project cost is Rs.1.77 crs)	0.56
5	Development of Organic Packages to mitigate a biotic stress in Horticulture crops. Pink Pigmented Facultative Methyitrophs (PPFM) (New project, project period is 4yrs, Proposed total project cost is Rs.0.49 crs)	0.08
The ICAR observation is as follows: As per para 6.4(g) of RKVY Guidelines. State needs to obtain approval of ICAR for Research projects.		
UHS Bagalkote total: Rs.2.06 crores (5 Projects)		2.06

- As indicated in the RKVY Operational guidelines, 2014, ICAR clearance to be obtained for the above project proposals.

The Committee discussed and approved the project proposals of UHS Bagalkote for Rs.2.06 crores, subject to ICAR approval.

Sl. No.	Project	Project cost																								
1	Strengthening of Infrastructure Facilities for Seed Processing and Scientific Seed Storage. (On-going Project)	20.50																								
<p>The GOI observations are as follows:</p> <p>Seed Division</p> <ul style="list-style-type: none"> The State Govt. is requested to indicate grants-in-aid received for Creation of Seed Infrastructure Facilities location wise during previous years from GOI and the position of existing Seed Storage facilities at present available with KSSC in different locations. The cost of construction of Seed Storage facilities proposed for different locations is very higher side. The financial assistance for construction of seed storage godown is available @ Rs.49.00 lakh for store with GI sheets and Rs.52.50 lakh for ventilated flat roof stores of 1000 MT capacity, Rs.14.00 lakh for dehumidified store and Rs.18.00 lakh for air conditioned & dehumidified store of 100 MT capacity each under SMSP. <p><u>Seed Division may have no objection as per SMSP norms only.</u></p> <p>Supported as per Seed Division comments with SMSP norms.</p> <p>Seed Division</p> <ul style="list-style-type: none"> The cost of Seed processing facilities proposed for different locations is very higher side. Seed Division may have no objection as SMSP norm only indicated as under. Grants-in-aid is available according to modular design of 1000 MT, 2000 MT, 3000 MT, 4000 MT and 5000 MT annual capacity seed processing capacity plants (wheat basis). The grant is available at the following rates: <table border="1" data-bbox="435 1430 1281 1761"> <thead> <tr> <th>Items</th> <th>Annual Cap. (MT)</th> <th>1000</th> <th>2000</th> <th>3000</th> <th>4000</th> </tr> </thead> <tbody> <tr> <td>Main equipments etc.</td> <td>Lakhs</td> <td>27.90</td> <td>32.90</td> <td>47.10</td> <td>56.20</td> </tr> <tr> <td>Supporting equipments etc.</td> <td>Lakhs</td> <td>9.90</td> <td>10.10</td> <td>13.90</td> <td>20.70</td> </tr> <tr> <td>Total cost</td> <td>Lakhs</td> <td>37.80</td> <td>43.00</td> <td>61.00</td> <td>76.90</td> </tr> </tbody> </table> <ul style="list-style-type: none"> The implementing agency will have the flexibility to establish / seed processing unit of desired capacity as assessed by them and financial assistance is available on prorata basis. 			Items	Annual Cap. (MT)	1000	2000	3000	4000	Main equipments etc.	Lakhs	27.90	32.90	47.10	56.20	Supporting equipments etc.	Lakhs	9.90	10.10	13.90	20.70	Total cost	Lakhs	37.80	43.00	61.00	76.90
Items	Annual Cap. (MT)	1000	2000	3000	4000																					
Main equipments etc.	Lakhs	27.90	32.90	47.10	56.20																					
Supporting equipments etc.	Lakhs	9.90	10.10	13.90	20.70																					
Total cost	Lakhs	37.80	43.00	61.00	76.90																					

		Rs.in crores
Sl. No.	Project	Project cost
2	Continuous Development of Bt cotton Hybrids using diverse germplasm from State Agriculture Universities (SAUs), maintenance, supply and popularization through Karnataka State Seeds corporation (KSSC) (New Project)	0.25
<p>The GOI observations are as follows:</p> <p>Seed Division</p> <ul style="list-style-type: none"> The Component namely Maintenance Breeding under SMSP has already been discontinued. This is research project and comments from ICAR may please be sought. <p>Crops Division</p> <ul style="list-style-type: none"> We may support the project proposal on the ongoing efforts of SAUs & KSSC for inclusion of Bt.gene (BGII) in established cotton hybrids & maintenance breeding, as this may help in bringing down cost of Bt.Cotton seeds. However, the comments of ICAR & Seeds Division of DAC&FW may also be obtained. <p style="text-align: center;">Supported as per SMSP norms only. ICAR comments may be obtained.</p>		
KSSC total: Rs.20.75 crores (total projects 2)		20.75

The Committee discussed and approved the project proposals of KSSC for Rs.20.75 crores

KARNATAKA SEEDS AND ORGANIC CERTIFICATION AGENCY(KSSOCA)

		Rs.in crores
Sl. No.	Project	Project cost
1	Construction of Quality Control Divisional Level Seed Growers/Producers/ Organic Farmers/ Stakeholders training Centres of Karnataka State Seed and Organic Certification Agency (KSSOCA) (New Project)	3.00
<p>GOI observations:</p> <p><u>Seed Division</u></p> <p>In principle Seed Division may have no objection for purchase of equipments for notified STLs as per SMSP norms only. However the State Govt. may be requested to indicate item wise actual cost of proposed equipments required for each STL.</p> <p>Supported as per SMSP norms.</p>		

	<p><u>Seed Division</u> In principle Seed Division may have no objection for purchase of equipments for notified STLs as per SMSP norms only. However the State Govt. may be requested to indicate item wise actual cost of proposed equipments required for each STL.</p> <p style="text-align: center;">Supported as per SMSP norms.</p>
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The Committee discussed and approved the project proposals of KSSOCA for Rs.3.00 crores

TUR BOARD, GULBARGA

Rs.in crores

Sl. No.	Project	Project cost
1	Devp. of silo structure for hygienic and long term storage of pulses	3.00
	<p>GOI observations:</p> <p><u>Marketing Division</u> Out of various components proposed, Silo structure with a capacity of 15000 MT including pre-storage, cleaning shed, drying yard and pre-cleaning equipments amounting Rs.3.00 crores in the FT 2017-18 and Rs.2.85 crores in the FY 2018-19 is supported and assistance @Rs.750/- per MT for Silo storage and 25%of the eligible cost for pre-storage, cleaning shed, drying yard and pre-cleaning equipments is available under AMI Sub scheme of ISAM.</p>	

The Committee discussed and approved the project proposals of KSSOCA for Rs.1.66 crores

KARNATAKA AGRICULTURAL PRODUCE AND PROCESSING EXPORT CORPORATION (KAPPEC)

Rs.in crores

Sl. No.	Project	Project cost
1	Establishment of Warehouse Facility at Gadag (New Project)	7.35
	The GOI observations are as follows: Supported as per RKVY Guidelines.	
2	Establishment of cold chain facility with hot water treatment at Poojenahalli Horticulture farm Devanahalli (New Project)	22.00
	<p>GOI observations: MIDH Division Supported as per cost norms of MIDH. The project is supported and assistance Marketing Division @25% of the eligible cost (except Consultancy and miscellaneous charges amounting Rs.3.00 crores) is available under AMI Sub scheme of ISAM Total eligible subsidy is: Rs.5.50 crores (25% of 22.00 crores) Supported as per MIDH norms.</p>	
3	Establishment of hot water treatment plant for mango at Hubli, Humanabad, Gadag	0.65
	<p>GOI observations: Marketing Division The project is supported and assistance @25% of the eligible cost is available under AMI Sub scheme of ISAM Total eligible subsidy is: Rs.0.20 crores (25% of 0.80 crores) Supported as per RKVY Guidelines.</p>	
	*To be established in consultation with Mango Devp. Board	
	KAPPEC total: Rs.30.00 crores(3 Projects)	30.00

The Committee discussed and approved the project proposals of KAPPEC for Rs. 30.00crores

WATERSHED DEVELOPMENT DEPARTMENT

Rs.in crores

Sl. No.	Project	Project cost
1	Public Private Partnership for Integrated Agriculture Development (New Project)	6.00
	GOI observations: <u>Crops Division</u> Crops Division support the proposal for formation of FPO for the field crop productivity enhancement through PPP-IAD approach. the subsidy norms should be followed as per SFAC guidelines & cost norms as given in central/state scheme. Supported as per guidelines of SFAC.	
2	Construction of Check Dams in Watershed areas (New Project)	61.31
	GOI observations: <u>NRM Division</u> The proposed intervention is the part of PMKSY-Other Interventions. The allocated budget to the state under this component is Rs.85.00 crores for the year 2017-18. Hence, supported under this. However, it may be drawn from DIP of PMKSY and may be implemented if approved by the SLSC. Supported as per PMKSY norms after inclusion in DIP/SIP of the State. The cost of the project may be scaled down to 25 crores by reducing the number of check dams.	
	WDD Total Rs.67.31 crores (2 projects)	

The Committee discussed and approved the project proposals of WDD for Rs. 67.31 crores

KARNATAKA STATE WAREHOUSING CORPORATION

Rs.in crores

Sl. No.	Project	Project cost
1	Construction of scientific warehouses and providing basic infrastructure facilities to existing warehouses at various centers in the state (On-going Project)	32.61
	<p>The GOI observations are as follows:</p> <p style="text-align: center;"><u>Marketing Division</u></p> <p>Out of various components proposed, the project of construction of Scientific Warehouses amounting Rs. 604.56 crores is supported and assistance @750/- per MT for the godowns above 1000 MT is available under AMI Sub scheme of ISAM Total eligible subsidy for construction of Scientific Warehouses is: $1009682 \times 750 = \text{Rs.}757261500/-$ (say Rs.75.726 crores)</p> <p>Ongoing project. Supported as per approval of previous SLSC. Duplication may be avoided and there should not be any cost escalation.</p>	

The Committee discussed and approved the project proposals of KSWC for Rs. 32.61crores

IV) Revalidation of 2016-17 unspent balance:**Unspent balance of 2016-17 releases**

Rs.in crores

Sl.No	Departments	Release	Expenditure	Unspent balance
1	Agriculture	125.07	120.11	4.96
2	Horticulture	65.59	64.10	1.49
3	Animal Husbandry	93.03	91.49	1.54
4	Fisheries	2.82	2.79	0.03
5	Sericulture	9.62	9.32	0.30
6	Agriculture Marketing	54.62	53.82	0.80
7	IFAB	2.26	0.00	2.26
	Total	353.01	341.63	11.38

The SLSC approved the revalidation of unspent balance of 2016-17. Depts./Insts. to expedite the utilisation of unspent balance and submit UC by end of June 2017.

V. Ratification of earlier approved projects:

a) Dept. of Agriculture and Dept. of Sericulture were unable to utilize an amount of Rs.11.95 crores and Rs.2.30 crores released during 2016-17 respectively. Out of this, an amount of Rs.12.30 crores was re-allocated to Dept. of Agriculture Marketing and an amount of Rs.1.95 crores to Karnataka Ware house Corporation. The Committee ratified the above reallocation.

b) An amount of Rs.2.26 crores earmarked for IFAB for the year 2016-17. But, IFAB expressed that Rs.2.26 crores released for IFAB cannot be utilised due to technical reasons. Therefore, it was approved to re-allocate Rs.2.26 crores for the following approved projects of 15th SLSC.

i)	Strengthening of Infrastructure Facilities for Scientific Seed Processing and Seed Storage facilities(KSSC) – Rs.1.02 crores
ii)	Promoting seed and organic certification in the State(KSSOCA)– Rs.0.34 crores
iii)	Construction of scientific godowns at various centers in the State (48 Centers) (KSWC) – Rs.0.90 crores.

The Committee ratified the above reallocation.

c) The excess utilisation of Rs.0.64 crores by Sericulture Dept. has been adjusted by reducing allocation of Department of Animal Husbandry from Rs.76.87 crores to Rs.76.23 crores.

The Committee ratified the above reallocation.

d) **KAPPEC:-**An amount of Rs.1.00 crore was released for the project “Construction of Godown at Belgaum” during the year 2014-15. Due to dispute in the court regarding site at Belgaum, the same amount has been utilised for the approved project “Construction of Godown at Bagalkote” during the year 2016-17.

The Committee approved the change in location.

e) **Horticulture Department** :In the 15th SLSC Meeting held on 22.12.2016, the revised allocation of Rs.63.69cr had been reallocated and released to various approved RKVY projects of 2016-17 as given in Col.3. This amount was released to all the approved projects as given in col.4 of the table below.

Rs.in crores

Sl. No	Programme	Approved budget in 14 th SLSC	Re-allocation of budget as in 15 th SLSC	Final re-allocation of Budget
	1	2	3	4
1	Implementation of PPP-IHD	16.36	2.70	2.1619
2	Formation of Farmer Producer organization (FPO)	13.10	9.52	9.3689
3	Computerization in Horticulture	12.27	10.45	10.45
4	Mechanization in Horticulture	21.05	18.05	17.6119
5	Rejuvenation of Coconut and Betelvine gardens in Karnataka State	15.00	13.79	14.7585
6	Strengthening of Biocentre Laboratories	8.54	1.58	1.58
7	Upgradation of existing Horticulture Training Centers	7.91	0.00	0.00
8	Strengthening of Departmental Farms and Nurseries	5.00	0.92	1.0807
9	Precision Farming in Horticulture Crops	4.00	4.00	4.00
10	Processing and Post-Harvest Management in Horticulture crops	2.00	0.80	0.7935
11	Strengthening of Center of Excellence (training), Maddur	2.50	1.88	1.8834
12	Center of Excellence for Floriculture	0.80	0.00	0.00
13	Comprehensive and Sustainable Development of Lalbagh Botanical Gardens and Pampavana gardens	4.35	0.00	0.00
	Total	112.88	63.69	63.6888

The reallocations to the above projects were made based on the demand for the respective projects. Therefore, the final reallocations made to the above approved projects of RKVY 2016-17 as given in Col(4) was ratified by the Committee.

f) Establishment of Village Knowledge Center" at UAS, Dharwad:

- The project “Establishment of Village Knowledge Centre” with budget outlay of Rs.495.00 lakhs (Rs. Four hundred ninety five lakhs only) was sanctioned during March, 2008 and implemented during 2008-2009.
- ISRO was entrusted to provide Satellite Slot and other related facilities for Video Conferencing to connect the Raita Sampark Kendras of the University jurisdiction
- ISRO could not implement the project due to technical difficulties and returned Rs.4.62 crores to the University.
- This fund of Rs.4.62 crores was approved for the project “Genetic Improvement and Promotion of Eco-friendly colour Cotton through intervention of Nano-science and Precision Agriculture” in the 14th SLSC meeting.
- However, ICAR did not accord concurrence for implementing the above project on colour Cotton.
- The University was directed to rework implementing the original project “Establishment of Village Knowledge Centre”.

The Committee accorded approval for the implementation of the above project during 2017-18.

V. Any other issues:

Implementation of Agriculture Technology Management Agency(ATMA) scheme:

- i) Action taken on the implementation of 2016-17 SEWP for Rs.41.94 Crores as per the 14th SLSC approval: As against the available total grants of Rs.35.62 crores, the utilisation is Rs.21.76 crores. The activity wise progress is as under :-

Progress of 2016-17 activities

	Sl. No.	Activities	Unit	Total			
				Target		Achievement	
				Phy	Fin	Phy	Fin
106	1	Farmers Training (B-2)	Mds.	60200	150.50	55876	139.69
	2	Farmers Exposure Visits (B-4)	Mds.	62520	250.08	58977	235.91
	3	Farmers Interest Groups (B-5)	Grps.	1740	130.50	423	31.69
	4	Demonstrations (B-3)	Units	1020	40.80	948	37.92
	5	Farm School (B-15)	Nos.	348	102.36	151	43.73
	6	Farmer Awards (A-7 & B-7)	Nos.	1170	164.50	329	45.40
	7	Dist. level exhibitions, kisanmelas, Publicity material, workshops, Farmer Scientist Interactions, etc., (B-8 to B-12)	Units	986	292.32	302	105.49
Total (A)				127984	1131.06	117006	639.83
59	1	Innovative Activities, Staff Salaries, SAMETI & other Admn. expenses.		L.S.	2431.00	L.S.	1536.30
Total (B)				0	2431.00	0	1536.30
GRAND TOTAL (A+B)				127984	3562.06	117006	2176.13

Unspent Balance as on 31-03-2017 is Rs.13.85 Crores.

ii) Approval of ATMA Scheme SEWP for 2017-18

- As per the guidelines the State Level Sanctioning Committee (SLSC) set up under Rashtriya Krishi Vikasa Yojana (RKVY) is empowered to approve State Extension Work Plan (SEWP).
- The Committee approved the State Extension Work Plan(SEWP) action plan of Rs.4634.15 Lakhs for implementation of ATMA programme during 2017-18.
- The Committee also accorded approval for establishing Integrated "Kissan Call Centre" by the Dept. of Agriculture under Other Innovative Activities of State Component at an approximate project cost of Rs.375.00 Lakhs in the proposed plan.

Details of SEWP (2017-18)

Sl. No.	Activity Name	Physical Target	Financial Target
1.	State Level Activities (A1 to A8)	15584	281.55
2.	District Level Activities (B1 to B15)	106952	1513.50
3.	Innovative Activities – State Level (C1, C2 & E1)	150	417.50
4.	Innovative Technology Dissemination Component (F)	3161	272.60
5.	Manpower Component (G)	764	2149.00
	TOTAL (1 TO 5)	126611	4634.15

ii) Watershed Development Dept:

An allocation of Rs.5.00 crores(Central share Rs.3.00 crores & State share Rs.2.00 crores) was approved for the project "*Reclamation of problematic (Saline and Alkaline) soils*" as a sub-scheme under RKVY during the year 2016-17. However, the Central share released was only Rs.1.50 crores(1st installment) for which State share of Rs1.00 crore was also released. As per the approved allocation, the project has been implemented for Rs.5.00 crores. Further, action plan for an amount of Rs.8.33 crores has been submitted to GOI for 2017-18(Annexure-3) for approval by GOI and release of funds.

The Committee requested GOI to release the balance grants of 2016-17 and approve action plan for 2017-18.

iii) Geo-tagging of RKVY assets: RKVY is operational since 2007-08 & lot of infrastructure and assets have been created under RKVY. So it is important that these infrastructures are geo-tagged. In this initiative, a mobile app using Bhuvan platform has been developed. Departments/Institutions to ensure that infrastructure and assets created in their projects are geo-tagged using this mobile application by the end of June 2017.


iv) RDMIS updation: The Committee instructed Department/Institutions to update the monthly progress and successes stories in RDMIS by the end of May 2017.

Important decisions taken in the meeting:

- Departments/Institutions to ensure that there is no parking of RKVY funds and to compulsorily utilize funds for the projects for which they were approved.
- Departments /Institutions to expedite utilization of balance funds of 2016-17 and submit progress report and Utilization Certificate immediately .
- All the projects to be implemented in accordance with the Operational guidelines of RKVY, 2014 and as per the observations/comments of concerned divisions of GOI, RKVY division and ICAR.
- Cost norms and financial assistance in similar Govt. of India/State Govt. Schemes/Programmes shall be followed.
- While implementing the approved projects, there should not be any duplication of funds with the activities of any other schemes.
- DBT to be implemented for beneficiary oriented projects.
- GOI observations to be adhered and revised proposals as suggested by GOI to be submitted.
- For all Research projects, approval of ICAR has to be obtained before implementing the projects and the observations should be duly attended.
- Project Completion Reports to be submitted to RKVY Cell and the same to be updated in RDMIS.

- RKVY- RDMIS to be updated immediately.
- Geo-tagging of Infrastructure and Assets to be expedited
- Success stories to be documented and uploaded in RDMIS website.
- Third party evaluation of the projects being implemented under RKVY to be taken up by the Depts./Insts.

The meeting concluded with vote of thanks.


 Chief Secretary,
 Government of Karnataka
 & Chairman, SLSC on RKVY

RKVY/16th SLSC/2017-18

Department of Agriculture
 Seshadri Road, Bangalore 01

Copy to:

1. Secretary to the Government of India, Department of Agriculture, Cooperation and Farmers Welfare, Ministry of Agriculture & Farmers Welfare, New Delhi.
2. Joint Secretary (RKVY), Government of India, Department of Agriculture, Cooperation and Farmers Welfare, Krishi Bhavan, New Delhi.
3. Secretary/Joint Secretary to Government of India , Department of Animal Husbandry, Dairying & Fisheries, Krishi Bhavan, New Delhi.
4. Advisor (Agriculture), NITI Aayog, Government of India, Agriculture Division, Sansad Marg, New Delhi
5. Additional Chief Secretary and Development Commissioner, Government of Karnataka, Vidhana Soudha, Bangalore.
6. Additional Chief Secretary, Co-operation Department, Govt. of Karnataka, M.S. Building, Bangalore.
7. Additional Chief Secretary, Forest, Ecology and Environment Department, Govt. of Karnataka, M.S. Building, Bangalore.
8. Additional Chief Secretary, Finance Department, Vidhana Soudha, Govt. of Karnataka, Bangalore.
9. Additional Chief Secretary, Planning & Statistics Department, Govt. of Karnataka, Bangalore
10. Principal Secretary, Water Resource Department, Govt. of Karnataka, Vikasa Soudha, Bangalore.

11. Principal Secretary, Rural Development & Panchayath Raj Dept, Govt. of Karnataka, M.S. Building, Bangalore.
12. Principal Secretary, Horticulture and Sericulture, Govt. of Karnataka, Bangalore.
13. Principal Secretary, Animal Husbandry & Fisheries, Govt. of Karnataka, Bangalore.
14. Secretary, Agriculture Department, Govt. of Karnataka, M.S Building, Bangalore
15. Vice Chancellor, UAS, GKVK, Bangalore.
16. Vice Chancellor, UAS, Dharwad.
17. Vice Chancellor, UAS, Raichur
18. Vice Chancellor, UAHS, Shimoga
19. Vice Chancellor, UHS, Bagalkote
20. Commissioner, Animal Husbandry and Veterinary Services, B'lore
21. Commissioner, Horticulture, Bangalore.
22. Director of Agriculture, Bangalore.
23. Director of Animal Husbandry, Bangalore.
24. Director of Fisheries, Bangalore.
25. Director of Sericulture, Bangalore.
26. Director, KSSOCA & Agriculture Marketing
27. Managing Director, KSSC Ltd., KSWC, KAPPEC,

Copy for kind information to the :

1. Personal Secretary to Chief Secretary to Government of Karnataka, Vidhana Soudha, Bangalore.
2. Personal Secretary to Additional Chief Secretary & Development Commissioner, Government of Karnataka, Vidhana Soudha, Bangalore.


Commissioner for Agriculture ^{30/5}
& Member Secretary
State Level Sanctioning Committee
RKVY

**RRKVY 16th State Level Sanctioning Committee meeting under the
Chairpersonship of Chief Secretary Govt of Karnataka, in Room No-313,
Vidhana Soudha, Bengaluru on 15/05/2017 at 3.00 PM**

- 1 Chief Secretary Govt of Karataka, Bangalore In Chair
- 2 Additional Chief Secretary and Development Commissioner
Gov of Karnataka, Bangalore
- 3 Joint Secretary (Crops), Government of India, New Delhi
- 4 Additional Chief Secretary, Finance Department, Vidhana
soudha, Govt of Karnataka Bengaluru.
- 5 Additional Chief Secretary, Planning and Statistics
Department , Govt of Karnataka, Bengaluru
- 6 Prinapal Secretary, water Resource Department, Govt of
Karnataka, Vikasa soudha, Bengaluru
- 7 Vice Chancellor, UAS, GKVK, Bengaluru.
- 8 Vice Chancellor, UAS, Dharwad.
- 9 Vice Chancellor, UAS, Raichur.
- 10 Vice Chancellor, UAHS Shimogga, DR, UAHS
- 11 Vice Chancellor, UHS, Bagalkote Director of Research UHS
Bagalkot
- 12 Vice Chancellor, KVA & FSU, Bidar
- 13 Commissioner, Agriculture Dept. Bengaluru.
- 14 Commissioner, Animal Husbandry and veterinary Seriices
Bengaluru.
- 15 Commissioner, Horticulture Dept Bengaluru
- 16 Commissioner, watershed Development Department,
Bengaluru
- 17 Director of Agriculture, Bengaluru.
- 18 Director of Animal Husbadry, Bengaluru.
- 19 Director of Fisheries, Bengaluru
- 20 Director of sericulture, Bengaluru
- 21 Director, KSSOCA
- 22 Director of Agriculture Marketing Bengaluru
- 23 Managing Director, KSSC, Bengaluru
- 24 Managing Drector, KSWC, Bengaluru
- 25 Managing Director, KAPPEC, Bengaluru

ANNEXURE-1

Final list of Project proposals approved in the 16th SLSC meeting

Rs.in crores

Sl.No	Project Name	Project Cost
	Agriculture Department	
1	Bhoochetana (II phase) (On-going project)	28.45
2	Bhoo Samvrudhi (II phase)(On-going project)	5.35
3	Integrated Genomics assisted breeding for efficient development of superior finger millet varieties (On-going project)	3.54
4	K-KISAN(On-going project approved 2009-10)	6.00
5	Strengthening of Seed farms (On-going project)	10.00
6	Construction of RSK buildings	15.00
7	PPP model for production of Bio-control agents	2.00
8	Community Micro Irrigation Tanks in tanks filled with treated water	5.00
9	Construction of RSK Godowns	25.00
	Dept. Total (9 projects)	100.34
	DEPARTMENT OF HORTICULTURE	
1	Integrated Development of Scientific Bee Keeping (New project)	2.92
2	Development of Departmental laboratories (On-going project)	12.38
3	Strengthening of Parasite Production Laboratories in Karnataka	1.00
4	Adoption of Good management practices- Rejuvenation in Coconut and Mango Garden (Ongoing project)	1.98
5	Strengthening of center of Excellence for Floriculture” Located at Tunga Horticulture Farm Shivamogga (On-going project)	1.00
6	Computerization of Horticulture Dept. (On-going project)	3.74
7	Center of Excellence for protected cultivation, Somanahalli Kavel, Hassan (New project)	3.01
8	Public Private Partnership For Integrated Horticulture Development (On-going project)	15.00
9	Development and maintenance of Farmer Producer Organization (On-going project)	6.30
10	Incentives for Post-Harvest Management Activities in Horticulture(On-going project)	5.00
11	Up-gradation of Horticultural Training Centers in Karnataka(On-going project)	1.00
12	Strengthening of Center of Excellence at Maddur (On-going project)	0.85

Sl. No	Project Name	Project Cost
13	Precision Farming in Mango, Banana, Payaya, Pomegranate, Grapes for SC&ST farmers (On-going project)	4.00
14	Strengthening of Skill Imparting Training Programmes at Biocentre, Hulimavu (New project)	1.03
	Dept. Total:(14 projects)	59.21
	ANIMAL HUSBANDRY	
1	Strengthening of Farmers Training Centre and Creation of Infrastructure for skill development	
	a) Creation of infrastructure for training facility for farmers at Hassan (Ongoing project)	1.00
	b) Creation of infrastructure for training of farmers in Piggery, Rabbit rearing at Hesaraghatta training Center at LBF, Hesaraghatta (New project)	1.50
	c) Creation of infrastructure for training of farmers in piggery, rabbit Hesaraghatta training center at LBF Hesaraghatta	1.80
	Project Total	4.30
2	Comprehensive Poultry Development Programme	
	a) Establishment and Modernization of fully automated breeding and rearing sheds in departmental farms (New project) - Hesaraghatta Rs.58.00 lakhs, Dharwad Rs.50.00 lakh, Malavalli Rs.92.00 lakh	1.35
	b) Establishment of Regional Poultry Breeding and Training Center, Kurikuppe (Ongoing project)	2.30
	c) Establishment of Backyard Poultry Breeding Centre in Mokali Village, Arkalgud Taluk, Hassan District (New project)	2.50
	d) Establishment of Commercial Layer Farms & Commercial Broiler Farms in Clusters (New project)	2.00
	e) Establishment of Backyard Poultry Breeding Centre in Kesartagi Village of Kalburgi Taluk and Kalburgi District.	2.50
	Project Total	10.65
3	Fodder Development Programme	
	a) Supply of Post Harvest Equipments (Chaff Cutters) of 1HP, 2HP, 3HP at 50% subsidy (On-going project)	1.00
	b) Establishment of Silage production units on large scale in Departmental livestock farms on PPP mode. (New project)	1.00
	c) Fodder Production Infrastructure at Livestock Breeding Farm, Kudige	1.00
	d) Fodder Seed Production Infrastructure at khillar Cattle Breeding Farm, Bankapur	0.75
	Project total	3.75

Sl. No	Project Name	Project Cost
4	Comprehensive Development of sheep and Goat in Karnataka	
	a] Establishment of Goat farms for milk production of Marketing Infrastructure of include goat milk procurement (Ongoing project)	1.80
	b] Comprehensive Sheep and Goat Development in the State by Induction of Sheep and Goat Units (100+5) under RKVY 2016-17 by KSWDCL (New project)	3.00
	c] Establishment of multipurpose Ambulatory clinic in 8 districts.	0.80
	d] Supply of shearing machine to district offices of KSWDCL	1.50
	Project Total	7.10
5	Research and Extension Projects of Veterinary University.	
	a] Establishment of Centre of Excellence for transfer of technology in animal production (Hassan/Konehally Campus) (Ongoing project)	1.60
	b] Establishment of Centre of Excellence for transfer of technology in animal production (Shiggaon Campus, Havery Dist) (Ongoing project)	1.57
	c] Study of Antimicrobial resistance in Bovine Subclinical Mastitis pathogens in selected district to reduce its occurrence and improve economical status of farmers(New project)	1.20
	d] Establishment of Meat Processing Centre for Value Addition of Meat(New project)	1.10
	Proejet Total	5.47
6	Dairy and Dairy Infrastructure Development in Karnataka	
	a] Establishment of Flexy Pack Unit at Belgaum milk union (Ongoing project)	2.06
	b] Establishment of UHT in Flexy Pack Unit at Bellary, Raichur, and Koppal milk union (Ongoing project)	4.00
	c] Establishment of Flexy Pack Unit at Tumkur for Milk Unions(Ongoing project)	2.00
	d] 100 MDPD Capacity Milk Powder Plant with 12 LLPD capacity Liqueid Milk Processing Unit at Kanva, Chennapattana Taluk	9.68
	Project Total	17.74
7	Strengthening Animal Health, Animal Breeding and Extension Services in Karnataka	
	a] Strengthening of diseases diagnosis infrastructure by supply of Digital WBC analyser and HB analyser and Large animal ultrasound scanning mechine for spot disease dignosis to all 30 district polyclinics and 176 Mobile Veterinary Clinics (New project)	5.86

Sl. No	Project Name	Project Cost
8	Strengthening Frozen Semen Production Centers and Livestock breeding farms for genetic upgradation.	
	a) Existing Frozen Semen Production Centers at State Livestock Breeding and Training Center, Hessaraghatta. (New project)	4.00
	b) State Semen Production Center, Hessaraghatta(New project)	1.50
	c) Strengthening of Livestock Breeding Farm, Munirabad for genetic upgradation (New project)	1.00
	d) Semen Production Center LBTC, Dharwad	0.75
	e) Strengthening of Buffaloe bull mother farm, Tegur for Genetic upgradation	0.75
	Project cost	8.00
9	Piggery Development Programme	
	a) Strengthening of existing piggery farms at Hessaraghatta farm (Ongoing project)	1.46
	b) Strengthening of existing piggery farms, Kalasa, Chikkamagaluru Dist.	1.03
	c) Strengthening of existing piggery farms, Koila, Dakshina Kannada Dist.	0.72
	Project cost	3.21
10	Strengthening of Animal Health, Animal Breeding and Extension Services in Karnataka .	
	a) Upgradation of quality control labs for creation of Animal Challenge facility as per G.M.P norms(Ongoing project)	2.50
	b) Establishment of Veterinary Forensic Lab (Ongoing project)	2.34
	c) Establishment and upgradation and Modification of FMD Lab(New project)	2.00
	Project cost	6.84
11	Pashu Bhagya :- Animal Induction Programme for Milk and Meat Production at 50% for SC/ST and 25 % subsidy for others.	
	a) Pashu Bhagya :- i) Dairy Animal Induction unit at Rs.1.20 lakhs (Ongoing project)	25.00
	b) Sheep and Goat Induction 10+1 unit Rs.67440/- (Ongoing project)	2.00
	c) Pig 3+1 or 10 pigletes fattening (Ongoing project)	0.50
	d) Establishment of 250 commercial layer unit/ 500 broiler units (Ongoing project)	1.00
	Project Total	28.5
12	Cluster based Integrated Farming System with backward and forward linkages in 193 Gram Panchayaths for animal induction for economic sustainability for farmers.(New project)	6.98
	Animal Husbandry Total (12 project)	108.40

FISHERIES

Rs.in crores

Sl. No	Project Name	Project Cost
1	Upgradation of Fish Seed Production Farms in Karnataka (On-going project)	1.60
2	Reservoir Fisheries Development through Stocking of fish fingerlings (On-going project)	1.00
3	Assistance for supply of fishery requisites to fishermen for increasing the fish production (Ongoing project)	2.00
4	Special Development Plan (On-going project)	1.00
5	Seabass cage culture in Coastal Karnataka (New project)	0.61
6	Demonstration of utilization of saline, alkaline and waterlogged areas for fish culture in Cauvery, Tungabhadra and Krishna command areas (New project)	0.41
	Fisheries Total (total projects 6)	6.62
	UNIVERSITY OF AGRICULTURAL SCIENCES, DHARWAD	
1	Rhizosphere engineering to invigorate the farm lands through endophytic/ associative microbes as colonizing biophores(New project, project period is 3yrs, Proposed total project cost is Rs.1.99 crs)	1.45
2	Molecular breeding for in groundnut and linseed (New project, project period is 1yr, Proposed total project cost is Rs.1.30 crs)	0.99
3	Exploration of Halophytes and salt resistance genes for Bio-amelioration of salt affected soils. (New project, project period is 2yrs, Proposed total project cost is Rs.1.50 crs)	0.6
4	Genetic Enhancement for disease resistance in Pigeon Pea and Moisture Stress Resistance in Rabi Sorghum through Molecular Breeding (New project, project period is 3yrs, Proposed total project cost is Rs.1.77 crs)	0.92
5	Molecular breeding and genetic enhancement in breaking yield barriers in Pulses (New project, project period is 2yrs, Proposed total project cost is Rs.2.72 crs)	2.45
	UAS Dharwad total (5 Projects)	6.41
	UNIVERSITY OF AGRICULTURAL SCIENCES, BENGALURU	
1	Establishment of molecular diagnostic laboratory for detection of plant pathogens (New project) project period is 3yrs, Proposed total project cost is Rs.0.75crs)	0.61
2	Subsoil manuring for enhancing crop productivity in rainfed farming regions of Southern Karnataka (New project, project period is 3yrs, Proposed total project cost is Rs.0.82 crs)	0.50

Sl. No	Project Name	Project Cost
3	Standardization of diagnostic methods for testing of genetic purity of seeds and seed Health (New project, project period is 3yrs, Proposed total project cost is Rs.2.00 crs)	0.70
4	Development of Sustainable Pilot Model Seed Platform (New project, project period is 3yrs, Proposed total project cost is Rs.3.06 crs)	0.81
5	Development of nanoparticle-based DSRNA delivery system to manipulation of specific traits in plants (New project, project period is 3yrs, Proposed total project cost is Rs.0.61 crs)	0.45
	UAS Banalore total (5 Projects)	3.07
UNIVERSITY OF AGRICULTURAL AND HORTICULTURAL SCIENCES, SHIVAMOGGA		
1	Establishment of Pesticide Residue Testing Laboratory for Monitoring and Assuring Quality of Soil, Water and Food (New project period is 1 yr, Proposed total project cost is Rs.2.50 crs) project,	2.00
2	Centre of Excellence for Diagnosis of Plant Diseases and Pests (New project, project period is 2yrs, Proposed total project cost is Rs.1.50 crs)	0.80
3	Climate Resilience through Demonstration of Climate Smart Farming Practices. (New project, project period is 2yrs, Proposed total project cost is Rs.1.50 crs)	0.92
4	Establishment of Hydroponic Fodder Production Technology units (New project, project period is 1yr, Proposed total project cost is Rs.1.00 crs)	1.00
5	Large scale Multiplication of Elite Horticultural Planting Materials. (New project), project period is 1yr, Proposed total project cost is Rs.1.00 crs)	1.00
6	Standardizing the Use of Robotics for Spraying/ Release of Parasites, Predators, Entomopathogens and Chemicals for Management of Insect Pests and Diseases of High Canopy Plantation Crops (New project, project period is 1yr, Proposed total project cost is Rs.1.00 crs)	0.70
	UAHS Shimoga total(6 Projects)	6.42

SERICULTURE DEPARTMENT

Rs.in crores

Sl. No	Project Name	Project Cost
1	Package for enhancement of soil health –for quality and productivity (On -going Project)	4.00
2	Assistance for trenching /mulching in mulberry gardens for seed farmers .-BV /MSC and bivoltine hybrid farmers (On-going Project)	2.00
3	Development of package of practices for tree mulberry cultivation and its popularization (KSSRDI) (New Project)	0.35
4	Assistance for providing disinfection, fogger and cooler units to stabplize the cocoon crops(New Project)	4.00
5	Supply of bamboo Mountages (chandrikes) for Mysore seed area rearers (On -going Project)	0.40
6	Providing Assistance for DRUMKIT/ AMIT Technology (New Project)	0.38
7	Formation of farmers produce organization (FPOS) to promote quality in cocoon and silk production (On -going Project)	1.00
8	Providing DX-type refrigeration systems(cold rooms) to Government model grainages at Chadalpura, Chithradhurga and Sulibele for reservation of male moths and long term preservation of silk worm DFLs (Hibernation) (New project)	1.75
9	Computerisation of Department of Sericulture (On- going Project)	4.10
	Sericulture total (Total projects 8)	17.98
	UNIVERSITY OF AGRICULTURAL SCIENCES, RAICHUR	
1	Radiation Technology (SIT) for management of pink bollworm as an integral component of cotton IPM (New project, project period is 3yrs, Proposed total project cost is Rs.1.09 crs)	0.56
2	Green Synthesis and Characterization of Nano Pesticide for Enhancing the Quality of Agricultural Produce (New project, project period is 2yrs, Proposed total project cost is Rs.2.72 crs)	1.73
3	Mechanization of selected farm operations through drones and other remote controlled on-farm equipment (New project, project period is 3yrs, Proposed total project cost is Rs.2.18 crs)	0.96
4	Strengthening of Food Quality Testing Laboratory by Establishing Food Microbiology Laboratory (New project, project period is 2yrs, Proposed total project cost is Rs.2.06 crs)	0.81
5	Determination of quality of pesticide formulation at Hyderabad-Karnataka region. (New project, project period is 3yrs, Proposed total project cost is Rs.2.01 crs)	0.90
	UAS Raichur total (5 Projects)	4.95

UNIVERSITY OF HORTICULTURAL SCIENCES, BAGALKOTE

Rs.in crores

Sl. No	Project Name	Project Cost
1	Development of certification protocols for planting materials of Horticultural origin. (New project, project period is 3 yrs, Proposed total project cost is Rs.1.03 crs)	0.42
2	Distillation and Value Addition to Promote Menthol Mint Cultivation. (New project, project period is 2yrs, Proposed total project cost is Rs.0.47 crs)	0.40
3	Establishment of Bio Control Laboratories for Organic Production of Horticultural Crops. (New project, project period is 3yrs, Proposed total project cost is Rs.0.97 crs)	0.60
4	Biological control of root knot nematode in pomegranate (Punica granatum L.): Development of Bio-formulation product (New project, project period is 4yrs, Proposed total project cost is Rs.1.77 crs)	0.56
5	Development of Organic Packages to mitigate a biotic stress in Horticulture crops. Pink Pigmented Facultative Methyлитrophs (PPFM) (New project, project period is 4yrs, Proposed total project cost is Rs.0.49 crs)	0.08
UHS Bagalkote total: Rs.2.06 crores (5 Projects)		2.06
KARNATAKA STATE SEED CORPORATION(KSSC)		
1	Strengthening of Infrastructure Facilities for Seed Processing and Scientific Seed Storage. (On-going Project)	20.50
2	Continuous Development of Bt cotton Hybrids using diverse germplasm from State Agriculture Universities (SAUs), maintenance, supply and popularization through Karnataka State Seeds corporation (KSSC) (New Project)	0.25
KSSC total (total projects 2)		20.75
KARNATAKA SEEDS AND ORGANIC CERTIFICATION AGENCY(KSSOCA)		
80	Construction of Quality Control Divisional Level Seed Growers/Producers/ Organic Farmers/ Stakeholders training Centres of Karnataka State Seed and Organic Certification Agency (KSSOCA) (New Project)	3.00

DEPARTMENT OF AGRICULTURE MARKETING

Rs.in crores

Sl. No	Project Name	Project Cost
1	Providing Market Infrastructure facilities like Scientific storage Godowns, Covered auction platforms, cold storages sunday Markets, solid waste managements system in the selected APMC's in Karnataka State (On-going Project)	25.00
	TUR BOARD, GULBARGA	
1	Devp. of silo structure for hygienic and long term storage of pulses	3.00
	KARNATAKA AGRICULTURAL PRODUCE AND PROCESSING EXPORT CORPORATION (KAPPEC)	
1	Establishment of Warehouse Facility at Gadag (New Project)	7.35
2	Establishment of cold chain facility with hot water treatment at Poojenahalli Horticulture farm Devanahalli (New Project)	22.00
3	Establishment of hot water treatment plant for mango at Hubli, Humanabad, Gadag	0.65
	KAPPEC total crores(3 Projects)	30.00
	WATERSHED DEVELOPMENT DEPARTMENT	
1	Public Private Partnership for Integrated Agriculture Development (New Project)	6.00
2	Construction of Check Dams in Watershed areas (New Project)	61.31
	WDD Total (2 projects)	67.31
	KARNATAKA STATE WAREHOUSING CORPORATION	
1	Construction of scientific warehouses and providing basic infrastructure facilities to existing warehouses at various centers in the state (On-going Project)	32.61
	Grand Total	497.13

ANNEXURE-2**List of Projects proposed for additional funds (2017-18)**

Rs. in crores

Sl. No	Project Name	Project Cost
I	Department of Agriculture	
1	Community Micro Irrigation Tanks in tanks filled with treated water	10.00
2	Strengthening of Seed farms (On-going project)	20.00
	Dept. Total (2 projects)	30.00
II	Department of Horticulture	
1	Adoption of Good management practices- Rejuvenation in Coconut and Mango Garden	8.02
2	Development of Special Agricultural Zones around Bengaluru, Mysuru, Hubli and Dharwad cities	10.00
	Total	18.02
III	Department of Animal Husbandry	
1	Strengthening of Animal Health Breeding, Animal extension Service of Karnataka	
a	Improving livestock health through vaccination under ASCAD PPR-CP and B CP Programmes	37.04
	Total	37.04
	Grand total	85.06

Annexure-3

2017-18 Tentative Component wise State Action plan (SAP) for the sub-scheme Reclamation of Problem (Saline/Alkaline) soils					
State : Karnataka (Area in hectares, Amount in Lakhs)					
	Name of the components	Actual Unit cost/ha* Rs.in lakhs	Phy. Area to be Treated	Fin. Amount	
1	Saline/Alkaline Soils: MODEL-1 Crop based Farming system (CBFS)				
	a) Bunding	0.1200	1375.13	165.02	
	b) Surface drainage	0.0700	0	0.00	
	c) sub-surfae drainage	0.5100	1375.13	701.32	
	d) Link Drain with required structures.	0.0700	1375.13	96.26	
	e) Creation of water bodies (farm pond 15 x 15x3m.), for each 4 ha.	0.2730	0	These components will be converged with other ongoing schemes	
	f) Diesel/Electric Pump-set of 8.5 G.P.along with other accessories for 4 ha.	0.5000	0		
	g) soil amendment & its mixing at the rate of average of 0.5 tonne/ha (gypsum) @ Rs.3700 per tonne	0.0185	0		
	h) Green Manuring @60kg./ha & mulching	0.0200	0		
	i) high Yield Variety of wheat @ 75kg per/ha, Bengal gram @ 50kg per /ha	0.0125	0		
	j) Zinc sulphatess @ 20kg/ha*	0.0080	0		
	k) Fertilizer (Urea, DAP & Potash)	0.0290	0		
	Total estimated cost for Model- 1	1.6310	1375.13		962.59
**	Goi approval limited to Rs. 60,000/ha	0.6000	1375.13		825.08
	Administrative expenses @ 1%				8.25
	Grand total Saline/Alkaline Model -1 and Administrative expenses			833.33	
*	1. As per watershed Development Dept. SR rates of 2014-15 (Components a to e)				
	And Agriculture Department rates (Components f to k) are taken as unit cost.				
**	2. As per Goi, the cost limit for Reclamation of Saline/alkaline Soils for the year 2016-17 is Rs. 60,000/ha				
Note:	The cost norm limit for Reclamation of Saline/ALkaline Soils is to be considered as per the				
	Latest recommendation given by CSSRI Karnal, Haryana.				