

1696/JS(RKVY)/14  
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2101/Dis(RKVY)  
19/10/14

No.3/1/PP/RKVY/4/14-15/D.Agr/843  
Government of Goa,  
Directorate of Agriculture,  
Krishi Bhavan,  
Tonca Caranzalem-Goa.

Date: 18 October, 2014.

✓ To,  
The Joint Secretary, (RKVY),  
Government of India,  
Ministry of Agriculture,  
Department of Agriculture & Co-operation,  
Krishi Bhavan,  
New Delhi 110001

Sub: Minutes of the VIII<sup>th</sup> State Level Sanctioning Committee (SLSC) meeting for  
Rashtriya Krishi Vikas Yojana (RKVY).

Sir,

Please find attached herewith the minutes of the VIII<sup>th</sup> State Level Sanctioning  
Committee (SLSC) meeting for Rashtriya Krishi Vikas Yojana (RKVY) held on 17<sup>th</sup>  
September, 2014 in the Conference Hall, Secretariat, Porvorim Goa for your kind  
information and further needful action in the matter.

Yours faithfully,

(Orlando Rodrigues)  
Director of Agriculture

Dy. No. 2758...IRKVY  
Dated 15/10/2014

Encl: As above

1. The Under Secretary (RKVY), Government of India, Ministry of Agriculture, Department of Agriculture & Co-operation, Krishi Bhavan, New Delhi 110001.
2. Director (RKVY), Government of India, Ministry of Agriculture, Department of Agriculture & Co-operation, Krishi Bhavan, New Delhi 110001
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Director (RKVY)  
R put up  
US/RKVY  
R process for release  
to put up to model office  
14/10  
15/11



**MINUTES OF VIII<sup>TH</sup> MEETING OF STATE LEVEL  
SANCTIONING COMMITTEE FOR  
RASHTRIYA KRISHI VIKAS YOJANA (RKVY)**

Venue: Secretariat, Porvorim-Goa

Date: 17:09:2014

The VIII<sup>th</sup> meeting of the State Level Sanctioning Committee (SLSC) for Rashtriya Krishi Vikas Yojana (RKVY) was held at Conference Hall, Secretariat, Porvorim Goa on 17<sup>th</sup> September, 2014.

Shri. D P Dwivedi, IAS, Secretary (Agriculture) welcomed Shri B. Vijayan, Chief Secretary and Chairman State Level Sanctioning Committee for Rashtriya Krishi Vikas Yojana, Shri. Manash Choudhary, Dy Advisor (Agriculture) Planning Commission and Shri. Sushilkumar Singla Director (Horticulture) and Nodal Officer (RKVY) for Goa, all the members of the State Level Sanctioning Committee and other officers of the Line Departments and Implementing Agencies for the meeting.

The list of the participants is attached at annexure - I

Shri. Orlando Rodrigues, Director of Agriculture in his introductory remarks briefed the participants on the implementation of RKVY in the State of Goa and briefed the financial position and overall status of various projects implemented in the State of Goa through various implementing agencies. He informed that expenditure under RKVY during the financial year 2013-14 was Rs. 25.94 Crores. He further informed that the Government of India has allotted an amount of Rs. 25.63 crores for the year 2014-15 and the State has made a budgetary provision of Rs.34.79 crores. It was also informed that the unspent opening balance as on 1/4/2014 was Rs. 21.41 crores and expenditure upto August 2014 during current financial year is Rs. 1.48 Crores.

The following issues were discussed during the meeting as per the agenda

**1) Confirmation of the minutes of VII<sup>th</sup> SLSC meeting held on 9<sup>th</sup> July 2013.**

The minutes of meetings of VII<sup>th</sup> SLSC held on 9<sup>th</sup> July 2013 for implementation of various projects were approved & confirmed.

**2) Review of the Programmes implemented under Rashtriya Krishi Vikas Yojana during 2013-14.**

Details of the projects approved and expenditure for the year 2013-14 was presented as below.

Director of Agriculture informed the house that in all 23 projects were sanctioned by the SLSC since 2008-09 for Directorate of Agriculture of which 7 are completed and 10 projects are ongoing as the said projects are multiyear projects. 3 projects namely a) Satellite imaging and data generation has been dropped and merged with Soil and Nutrient Mapping project with the approval of the SLSC. b) Assistance on purchase of soil conditioner for sugarcane has been dropped and merged with the ongoing project "Assistance on purchase and use of soil conditioner and Micronutrient scheme" brought in from MMA scheme. Internal bunds and Modern Rice Mill projects got delayed and efforts are on to complete the projects during 15-16. SLSC is requested to accord extension of time limit for the above projects.

Krishi Vigyan Kendra South had submitted 4 projects, out of which 2 are completed, 2 are ongoing. The above projects are expected to complete by end of 2015-16.

The Department of Animal Husbandry and veterinary services had proposed 3 projects which were approved by the SLSC. The project upgradation of Local Cows is completed jointly by Goa State Cooperative Milk Producers Union and Directorate of Animal Husbandry and Veterinary Services. Strengthening of State Level Farmers cum Stockmen Training Centre, Curti Ponda Goa and Crossbred Heifer rearing at Cattle Breeding Farm Copardem, Sattari-Goa approved during

2012-13 and 2013-14 are ongoing and will be completed very soon. The Directorate of Animal Husbandry and Veterinary services requested for sanction of additional fund(Rs 147.57 lakhs) for the project Crossbred Heifer rearing at Cattle Breeding Farm Copardem, Sattari-Goa as the Goa State Infrastructure Development Corporation has submitted revised estimate of Rs. 281.57 lakhs cost for construction of 10 cattle sheds as against approved cost of Rs.134.00 Lakhs. The revised estimate has been approved by the State Government subject to approval of the SLSC. Audit certificate for the year 2012-13 is awaited.

Out of 9 projects sanctioned for Directorate of Fisheries only Study tour for the year 2010-11 could not be taken up which has been dropped.. The project Open Sea Cage Culture under Integrated Mission on Protein Supplement is underway. Cages are laid out in the sea and first harvest is completed in May 2014. Project has given very good results and the farming community is desirous of having more units. The second project "Fisheries Training Vessel" is ongoing. The Directorate of Fisheries has submitted Utilization Certificate, and component wise expenditure, however quarterly reports are not received regularly.

A total of 16 projects were approved for ICAR and Krishi Vigyan Kendra North from 2010-11 onwards. Of the above ICAR has informed completion of -2 projects, however details required for closing of the projects like componentwise expenditure, Audit Certificate, Success story, Short film/documentary/photographs not furnished. In some cases it has been observed that fund from other components are used for salaries without the approval of the SLSC. Expenditure details are not received regularly as per the requirement of RKVY. Audit Certificate is not produced for any of the projects sanctioned so far. 6 projects should have been completed within stipulated time but are ongoing even after 5 years. ICAR has requested for extension of time period for 6 projects. They have also requested for intercomponent flexibility for effecting the payment of skilled and unskilled workers/staff by reappropriating funds allocated to other components. Approval of the Chairman was communicated for intercomponent flexibility for purchase of

equipment's, works and other materials except salary and wages as it exceeds the prescribed limit.

The Goa State Horticultural Corporation was approved one project during the year 2011-12 amounting to Rs.7.65 Lakhs. Cool Carts were purchased by the GSHC Ltd, but only 6 carts are supplied to the farmers till date. The progress is very slow and not encouraging.

Goa State Agricultural Marketing Board has completed one project and the work of the project is awaiting the clearance of Goa State Works Board.

Sanjivani SSK Ltd and Parshuram Gramin Vikas Shishan Mandal were sanctioned one project each which are ongoing.

Goa State Co operative Milk Producers Union was sanctioned 10 projects, of which 5 are completed, 3 are ongoing and 2 are not approved by the State Government for implementation.

(Rs.in lakhs)

Financial Report in respect of activities under taken during 2013-14				
Sr. No.	Name of the projects	Approved cost	Releases made	Financial
1	Assistance for use of Soil conditioners/Soil amendments	5.00	2.50	0.45
2	Assistance for use of Micronutrients	5.50	2.50	0.21
3	Promotion of combine in Paddy	24.00	12.00	0.00
4	Incentivising paddy cultivation through SHG at Village level Settingup of Agro Service Centres	25.00	2.54	2.54
5	Mechanization in Agriculture	365.00	100.00	186.75
6	Strengthening of Soil Testing Laboratory Margao	0.00	0.00	1.19
7	Strengthening of Soil Testing Laboratory Ela Old Goa	6.30	6.30	5.71
8	Vegetable initiative for urban clusters	350.00	195.50	31.64

Financial Report in respect of activities under taken during 2013-14 (Rs.in lakhs)				
Sr. No.	Name of the projects	Approved cost	Releases made	Financial
9	Pilot Project on Demonstration and use of Mechincal coconut dehusker in State of Goa	3.00	3.00	3.00
10	Productivity Improvement in cashew plantation		302.25	313.23
11	Solar Power Fencing		124.00	89.08
12	Seed production of improved varieties of Groundnuts and Distribution to farmers		46.60	15.88
13	Development of Oil Palm Cultivation in the State of Goa		42.30	39.15
14	Soil and Nutrient Status of State of Gao for Major & Micronutrients	100.00	50.00	0.85
15	Soil & Nutrient Mapping for 2 talukas of Goa	300.00	0.00	67.43
16	Preparation of C DAP	20.00	0.00	0.00
17	Adminstrative Charges			3.65
<b>Krishi Vigyan Kendra, South</b>				
18	Demonstration unit of multi storied cropping pattern in cocnut garden at KVK South	8.30	8.30	7.47
19	Upgradaation of training facilities for advanced training to the farmers, farm women, rural youth and other stakholders	33.65	15.00	0.52
<b>Indian Council of Agricultural Research, Ela Old Goa</b>				
20	Production and supplementation of Bypass fat to dairy animals for enhancement of milk production and livelihood security of dairy farmers of Goa.	77.90	39.00	39.00
21	Demonstration of Precision Farming Technologies (PFT) in Banana , Pine apple and Papaya in farmers fields of Goa	59.00	30.00	30.00
22	Conservation of traditional varieties of Vegetable crops & Entrepreneurship Development for its seed production	40.00	20.00	20.00
23	Development of comprehensive E-Agriculture portal for information and knowledge sharing in Goa	183.00	137.00	137.00
24	Feed Blocks for Dairy Animals for effective utilization of locally available resources and higher productivity	82.00	74.00	74.00
25	Training demonstration and research on hydroponics green fodder production	27.50	13.00	13.00

(Rs.in lakhs)

Financial Report in respect of activities under taken during 2013-14				
Sr. No.	Name of the projects	Approved cost	Releases made	Financial
<b>Krishi Vigyan Kendra, North</b>				
26	Upgradation of Training facilities for Advanced Trainings to the farmers and other stakeholders	59.00	30.00	30.00
<b>Parshuram Gramin Vikas Shikshan Madal, Bramhakarmali</b>				
27	Pest Management in Cashew, Coconut and other crops in Goa.	128.87	60.00	60.00
<b>Sanjivani Sahakari Sakhar Karkhana, Dharbandora</b>				
28	Establishment of shed net nursery for raising sugar seedlings to supply quality seedling to the Goan farmers.	30.15	9.70	9.70
<b>Directorate of Fisheries</b>				
29	Open Sea Cage Culture	250.00	223.40	175.69
30	Exposure Visit To West Bengal	1.50	1.50	1.17
31	Exposure visit to Gujrat	1.50	1.50	1.29
32	A Fisheries training vessel for the Department of Fisheries	1.50	1.50	1.01
33	A Fisheries training vessel for the Department of Fisheries	118.00	59.00	9.07
<b>Directorate of Animal Husbandry &amp; Veterinary Services</b>				
34	Crossbred Heifer rearing at cattle breeding farm, Copardem - sattari - Goa	661.10	200.00	134.00
35	Strengthening State Level Farmers cum Stockmen Training Centre, Curti, Ponda-Goa.	11.05	5.00	2.49
<b>Goa State Agricultural Marketing Board</b>				
36	Agri Bazar	1088.00	1088.00	1088.00
<b>Total</b>			<b>2905.39</b>	<b>2594.17</b>

The committee approved extension of time period for the completion of the projects pertaining to Agriculture, ICAR, KVK North and suggested to complete the same at the earliest possible. Approval was also accorded for the revised estimate of Rs. 281.57 lakhs for the Crossbred heifer projects of Directorate of Animal husbandry and Veterinary Services. Approval communicated by the Chairman SLSC for inter-component flexibility for ICAR projects {1) Establishment of protected structure for high value flower and vegetable crops for training & Demonstration. 2) Generation of elite planting material in horticultural crops. 3) Empowering farmers of Goa for sustainable



adoption of low cost protected cultivation structures through training & demonstration.) pertaining to works, purchases of equipments/ machinery was ratified by the committee.

### 3) Review of financial position of the scheme of R.K.V.Y.

Review of financial position as on 1<sup>st</sup> April, 2014 was presented as below.

Sr. No.	Particulars	Amount in lakhs
1	Opening Balance as on 1st April, 2014	2141
2	Amount received during 2014-15	0.00
3	Amount budgeted by Government of Goa for RKVY	2141.00

Director of Agriculture informed the house that unspent balance of Rs.2141 lakhs is available with the State of the previous year's which will be utilized during the current year for the implementation of the ongoing and new projects. Shri Manash Choudhary, Dy. Adviser, Planning Commission informed that Utilization Certificates are not submitted to Govt. of India. Director of Agriculture informed the house that the UCs are submitted, the copies of which will be sent again for record.

### 4) Activities proposed to be taken up during 2013-14.

The Director of Agriculture informed the committee that the projects received from various Line departments/ implementing agencies for seeking financial assistance under Rashtriya Krishi Vikas Yojana were scrutinized by the Project Scrutiny Committee re-constituted vide Government Order No.3/1/PP/RKVY/75/2012-13/D.Agri/687 dated 22/2/2013 and revised projects with the recommendations are placed before the SLSC for approval.

## **A. Ongoing Projects**

### **a) DIRECTORATE OF AGRICULTURE**

#### **1) Incentivising Paddy cultivation through SHG - setting up of Agro Service Centres**

Director of Agriculture informed that 16 Agro Service Centers at Village Level have been established from 2008-09 and these centres are providing excellent services to the farmers. These centers are run by N.G.O. or registered farmers association or society. During 2014-15, five Agro Service centers with outlay of Rs. 25.00 lakhs are proposed to be assisted besides strengthening the existing centers by providing assistance on machinery and infrastructure to extent of 70% of the cost.

#### **2) Promotion of Combines in Paddy**

Director of Agriculture informed that 11 combines have been assisted so far for harvesting paddy and there is a demand for more combines. Introduction of combines have revolutionized harvesting of paddy in coastal talukas of Goa. It was proposed to assist 5 more combines during 2014-15 with an assistance of Rs 60.00 lakhs . The target set for 2013-14 will be covered during 2014-15.

#### **3) Soil & Nutrient Mapping**

This is ongoing programme. The I<sup>st</sup> and II<sup>nd</sup> Phase has been completed and balance phase will be completed within 12 months. Outlay for 2014-15 is Rs. 225.00 lakhs which was approved for continuation.

4) Vegetable initiative for urban clusters:

The programme is continued during 2014-15 as per the pattern approved during 2011-12. The total outlay for the year 2014-15 is Rs. 233.44 which was approved for continuation.

5) Assistance for use of soil conditioners/soil amendments:

Soil of State being acidic in nature has to be conditioned at least once in 3 years based on soil health cards issued by Soil Testing Laboratory.

It was approved to provide 25% assistance to the farmers on the use of Soil conditioners viz Rock Phosphate or lime. During 2014-15, Rs.6.00 lakhs is proposed for 600 Ha.

6) Assistance for use of Micronutrients:

Director of Agriculture informed that Zinc, Boron, Magnesium have been found deficit in Soils of Goa. It is proposed to improve crop production by promoting use of micronutrient mixtures Zinc, Boron, Magnesium in crops like Paddy, Sugarcane, Groundnut, Arecanut, Coconut, Oil Palm etc.

The committee approved the project with 25% assistance under R.K.V.Y. scheme during 2014-15 with Rs 6.00 lakhs.

7) Mechanization in Agriculture:

Due to non availability of labour force mechanization of Agriculture has become essential in Goa. In order to mechanize Agriculture various advanced/ improved Agricultural machinery and implements are provided to the farmers at a subsidized rate. Assistance was proposed to be provided from RKVY on the purchase of powertiller, paddy transplanter, field processing machinery etc. for the benefit of farming community as done in the past.

During 2014-15 it was proposed to subsidize Agriculture machinery and implements with subsidy of 50% of the cost. An amount of Rs. 290.00 lakhs was proposed for the purpose during 2014-15.

The project was approved for implementation.

**8) Seed production of improved varieties of Groundnuts and distribution on subsidy to farmers.**

Director of Agriculture stated that the State depends on National Seed Corporation (NSC) for seed for groundnut as it cannot be stored for a long time in Goa due to extremely humid climate and heavy monsoons. It was therefore proposed to establish seed production clusters in kharif to reduce dependence and erratic supply of seed for Rabi from outside agencies. Foundation / certified seeds, Bio-fertilizers, Bio-Control agents, Soil conditioners was proposed to be provided to the farmers and seed produced is proposed to be procured and supplied at 50% subsidy for Rabi season for large scale cultivation.

An amount of Rs124.60 lakhs was approved for 2014-15.

**9) Solar Power Fencing.**

Agricultural crops are prone to damage due to cattle and wild animals. Traditional fences have become ineffective to counter attack of wild animals. The solar power fences being safe and effective, Rs. 165.58 lakhs is approved for 2014-15.

**10) Productivity improvement in cashew plantation**

Its an on-going project for which Rs. 477.55 lakhs were approved for 2014-15.

11) Development of oil palm cultivation in the State of Goa.

Its an on-going project for which Rs. 80.90 lakhs were approved for 2014-15.

b) KRISHI VIGYAN KENDRA, SOUTH

12) Upgradation of Training facilities for advanced trainings to the farmers, farm women, rural youth and other stakeholders

Krishi Vigyan Kendra, South functioning under the Directorate of Agriculture, Government of Goa cater to the needs of the farming community of South Goa.

Items like Mobile data processor with accessories, Multimedia Projector, Interactive Board size 78 inches, Digital screen, Electronics Lectern Table, Wireless Dual Channel Portable PA System, Furniture and fixtures, Duplex Digital Copier with printer, Demonstration Models, LED screen, Multiple screening device, LCD TV & Projector, Computers, Handy cam, Digital camera, Fax machine, Laptops, Posters will be purchased during 2014-15 costing Rs. 33.13 lakhs.

13) Demonstration unit of multi-storied cropping pattern in coconut garden at KVK South.

The project has reached the final stage of its completion and will be operational very soon. Rs. 0.83 Lakhs is approved for 2014-15.

c) DIRECTORATE OF ANIMAL HUSBANDRY & VETERINARY SERVICES

14) Crossbred Heifer rearing at cattle breeding farm, Copardem - Sattari - Goa.

The project aims at providing good heifers to the farmers for increasing the production and productivity of milk in the State. The Directorate of Animal Husbandry and Veterinary Services have entrusted the work to Goa State Infrastructure Development Corporation who has revised the estimate. The

committee agreed to the revised cost for the construction of 10 cattle sheds amounting to Rs. 28157123/- extending approval for the revised project cost of Rs. 808.67 lakhs. Rs. 527.10 lakhs are approved for 2014-15.

15) Strengthening State Level Farmers cum Stockmen training Centre, Curti, Ponda-Goa.

Approval was accorded for continuation of the programme during 2014-15 with an outlay of Rs. 8.57 lakhs.

d) DIRECTORATE OF FISHERIES

16) Open Sea Cage Culture

Open Sea Cage Culture project is conceptualized by Directorate of Fisheries under the guidance of Central Marine Fisheries Research Institute (CMFRI) in South Goa. Initially 50 cages in the Canacona bay were laid during the 1st Year. The total cost of the project is 2.50 crores.

The project was approved for continuation during 2014-15 cost of Rs. 74.31 lakhs.

17) Fisheries Training Vessel for the Department of Fisheries.

The project was approved during 2013-14 for implementation. The machinery and other equipments are ordered and will be completed during 2014-15.

The committee approved continuation of the project during 2014-15 with an outlay of Rs. 109.00 lakhs.

e) SANJIVANI SAHAKARI SAKHAR KARKAHANA LTD.

18) Establishment of shed net nursery for raising sugarcane seedlings to supply quality seedling to the Goan farmers

The project has already begun and good quality sugarcane seedlings are supplied to the farmers of Goa.

The project was approved for continuation during 2014-15 costing Rs. 5.31 lakhs.

f) INDIAN COUNCIL OF AGRICULTURAL RESEARCH, ELA- OLD GOA

19) Production and supplementation of Bypass fat to dairy animals for enhancement of milk production and livelihood security of dairy farmers of Goa.

The project has completed 1st year and the product is being tested at the farmers field. Rs. 38.90 lakhs is approved for continuation of the project during 2014-15.

20) Demonstration of Precision Farming Technologies in Banana , Pine apple and Papaya in farmers field of Goa .

The committee approved the project for continuation with an outlay of Rs. 29.00 lakhs for the year 2014-15.

21) Conservation of traditional varieties of Vegetable crops & Entrepreneurship Development for its seed production under Vegetable Initiative for Urban Clusters.

Rs. 20.00 lakhs were approved for continuation of project during 2014-15.

22) Development of comprehensive E- Agriculture Portal for information and knowledge sharing in Goa.

The project work is ongoing and will be completed by 16-17. Rs. 46.00 lakhs are approved for second year.

23) Feed Blocks for Dairy animals for effective utilization of locally available resources and higher productivity.

It's an ongoing project which was approved for continuation during 2014-15 with an outlay of Rs. 8.00 Lakhs

24) Training demonstration and research on hydroponics green fodder production.

The project is approved for continuation with a total cost of Rs. 14.90 lakhs during 2014-15.

g) KRISHI VIGYAN KENDRA, NORTH

25) Upgradation of training facilities for advance trainings to the farmers and other stakeholders in Goa.

Upgradation of the training facilities is in progress and would be completed during 2014-15. Rs. 29.00 lakhs is approved for 2014-15

h) Goa State Agricultural Marketing Board.

26) Agri Bazar

The project is approved for continuation during 2014-15 with an outlay of Rs. 1089.64 Lakhs



## i) Parshuram Gramin Vikas Shishan Mandal

27) Pest Management in Cashew, Coconut and other crops in Goa.

The committee approved the project for continuation during 2014-15 with an outlay of Rs.68.87 Lakhs.

**Fund approved for on going projects**

(In Lakhs)

Sr. No.	Name of the project	Total Cost of Project Approved	Funds Approved for 2014-15
<b>Agency - Directorate of Agriculture</b>			
1	Incentivising paddy cultivation through SHG at Village level Settingup of Agro Service Centres	125.00	25.00
2	Promotion of combine in Paddy	96.00	60.00
3	Mechanization in Agriculture	1620.00	290.00
4	Vegetable initiative for urban clusters	350.00	233.44
5	Soil & Nutrient Mapping for 2 talukas of Goa	300.00	225.00
6	Soil and Nutrient Status of State of Gao for Major & Micronutrients	100.00	100.00
7	Assistance for use of Soil conditioners/Soil amendments	28.00	6.00
8	Assistance for use of Micronutrients	30.00	6.00
9	Preparation of CDAP	15.88	4.00
10	Seed Production of improved varieties of groundnuts & Distribution to farmers.	652.00	124.60
11	Solar Power fencing	909.97	165.58
12	Productivity improvement in cashew plantation	2513.00	477.55
13	Development of oil palm cultivation in the State of Goa	428.73	80.90
<b>Agency - Directorate of Animal Husbandry &amp; Veterinary Services</b>			
14	Strengthening State Level Farmers cum Stockmen Training Centre, Curti, Ponda-Goa.	11.05	8.57
15	Crossbred Heifer rearing at cattle breeding farm, Copardem - sattari - Goa	661.10	527.10

(In Lakhs)

Sr. No.	Name of the project	Total Cost of Project Approved	Funds Approved for 2014-15
<b>Agency - Directorate of Fisheries</b>			
16	Open Sea Cage Culture	250.00	74.31
17	A Fisheries training Vessel for the Department of Fisheries	118.00	109.00
<b>Agency - Krishi Vigyan Kendra, South</b>			
18	Demonstration unit of multi storied cropping pattern in coconut garden at KVK South	8.30	0.83
19	Upgradation of Training facilities for advanced trainings to the farmers, farm women, rural youth and other stakeholders	33.65	33.13
<b>Agency - Indian Council of Agricultural Research</b>			
20	Production and supplementation of Bypass fat to dairy animals for enhancement of milk production and livelihood security of dairy farmers of Goa.	77.90	38.90
21	Demonstration of Precision Farming Technologies (PFT) in Banana, Pine apple and Papaya in farmers fields of Goa	59.00	29.00
22	Conservation of traditional varieties of Vegetable crops & Entrepreneurship Development for its seed production under Vegetable Initiative for Urban Clusters	40.00	20.00
23	Development of comprehensive E-Horticulture Portal for information and knowledge sharing in Goa	183.00	46.00
24	Feed Blocks for Dairy Animals for effective utilization of locally available resources and higher productivity	82.00	8.00
25	Training demonstration and research on hydroponics green fodder production	27.50	14.90
<b>Agency - Krishi Vigyan Kendra, North</b>			
26	Upgradation of Training facilities for Advance Trainings to the farmers and other stakeholders in Goa	59.00	29.00
<b>Agency - Goa State Agricultural Marketing Board</b>			
27	Agri Bazar	2177.64	1089.64
<b>Agency - Sanjivani Sahakari Sakhar Karkhana Ltd.</b>			
28	Establishment of shed net nursery for raising sugarcane seedlings to supply quality seedling to the Goan farmers	30.15	5.31
<b>Agency - Parshuram Gramin Vikas Shikshan Mandal</b>			
29	Pest Management in Cashew, Coconut and other crops in Goa.	128.87	68.87
<b>Agency - Directorate of Agriculture</b>			
30	Administrative Expenditure		67.43
<b>Total</b>		<b>11115.74</b>	<b>3944.06</b>

## NEW PROJECTS

### a) Directorate of Agriculture

#### 1) e -Krishi for speedy disposal of assistance to farmers.

The project was presented by Shri. S. Gandhi in charge Officer for e- governance. He informed the members that the project is envisaged to provide assistance to the farming community online. All this schemes of the Directorate of Agriculture will be brought online with development of softwares linking it to all the taluka offices with Directorate of Agriculture. Hardware's will also be provided to the extension functionaries for speedy delivery to the farmers. All the affairs of the Directorate will be functioning paperless. Laptops / Desktops, Printers, Scanners and other hardwares will be provided to all the offices. 50 Extension executives, 17 implementation / Hardware Engineers will be guiding the officials for smooth online implementation of schemes/ projects. The project is of 3 years duration with financial requirement of Rs. 972.47 lakhs.

Nodal officer Shri. Singla was of the opinion that the Directorate should refer the similar software prepared by the Government of Gujarat.

Shri.. Choudhary, Dy. Adviser suggested that the software may be linked to National Call Centre so that information could be sourced by any farmer in the country. They also suggested that the code could be allotted to various category of farmers. Shri S. Gandhi clarified that Kissan Call Centre proposed is not for giving technical information but to guide the farmers on the status of their application. Nodal Officer, e- governance also clarified that the project is basically to simplify procedure for farmers to avail the Government assistance from the Agriculture Dept. under various Central and State Schemes. Based on the comments of Shri. Singla, Shri Gandhi clarified that the software development is customised to the Agriculture Departmental requirement and will access the already developed Krishi Card Software. He also informed that Extension Executives will be placed at

Panchayat offices to collect and upload farmers applications into the system. The farmers will also be able to trace the status of their application online. Director of Agriculture informed that if the project is approved the Directorate will implement this in 3 years with the financial outlay of Rs. 972.47 lakhs through an appropriate agency with the approval of State Government.

Sr. No	Particulars	cost (in Lakhs)	Recommened for assistance
1	Software Development cost	94.97	94.97
2	Software maintaenance & Handholding support cost	183.35	183.35
3	Extension executive cost	333.72	333.72
4	Project Management unit cost	106.88	106.88
5	PMU office setup	2.16	2.16
6	Toll free call center	28.82	28.82
7	Data Center Infrastructure	48.93	48.93
8	SMS Communication cost for 3 years	24.27	24.27
9	Hardware cost including 5 years onsite warranty	149.37	149.37
Total		972.47	972.47

The project is approved for Rs.972.47 lakhs.

## 2) Strengthening of Bunds, Desilting of poins/Ponds, farm Roads for protecting khasan lands:

Paddy is the main crop grown in cultivable land and it covers about 54,000 Ha. of this land. Out of this, about 18,000 Ha. cultivable area is located along salty alluvial coastal plains of estuarine, tributaries etc. and is commonly known as "Khasan". Most of these khasan lands are located in coastal plains of Tiswadi, Bardez, Ponda, Pernem, Bicholim, Salcete, and Mormugao talukas.

In order to protect these lands from saline water intrusion a network of massive internal and external bunds were constructed. These were generally constructed with available clayey soil and dressed/undressed hard lateritic quarried stones.

Majority of khasan lands in Bardez, Tiswadi, Ponda, Bicholim and Salcete talukas have been affected due to heavy barge traffic and inundation of saline and rain

water carrying soil particles and residues inside the field . This made Portuguese Govt. to appoint a commission for embankments (bunds committee) in 1959-60.

In order to protect the khasan lands, Villages near khasans and ground water bodies, it is proposed to strengthen the bunds, desilt poins/Ponds and construct farm roads all along the khasan land to prevent inundation of saline water in the fields and create accessibility to the field . The bunds, roads will be constructed through the Soil Conservation Division of the Directorate of Agriculture including desilting of poins/ponds. These fields will be brought again under cultivation. The Project is of 3 years duration with financial outlay of Rs.15900 lakhs, which will protect 4500 Ha. paddy (Khasan land).

The project was approved with financial outlay of Rs.15900 lakhs for 3 years with year wise allocation as below.

Sr. No.	Year	Length of bunds/Poins/Ponds proposed for strenghtening in Km.	Area proposed for protection	Expenditure to be incurred
		in Km	In Ha.	In Lakhs
1	2014-15	13.00	744.00	2000.00
2	2015-16	36.00	1881.00	6854.00
3	2016-17	36.00	1881.00	6854.00
4	Technical staff, Mobility, etc.			192.00
<b>Total</b>		<b>85.00</b>	<b>4506.00</b>	<b>15900.00</b>

b) M/s. Goa Cold Storage Pvt. Ltd.,

3) **Modern Rice Mill**

Modern rice Mill of 2 ton per hour milling capacity will be installed at Dhargal in Pernem Taluka at a cost of Rs.214.51 lakhs. Setting up of modern rice mill project was approved in the year 2008-09 under cooperative sector with an subsidy cap of 50% of the cost limited to Rs. 75.00 lakhs. The modern rice mill could not be established in the cooperative sector as none of the cooperative societies came forward to establish the mill.

The project submitted by M/s Goa Cold Storage Pvt. Ltd. Shri.V. Bhangui promoter of the project informed the members that since Goa does not have an organised rice mill, local produce of paddy is purchased by dealers from neighbouring States for the purpose of milling and sale. This results in loss of rice varieties for local consumption to neighbouring states. The proposer will make his own investments of Rs. 1.5 crores and also avail finance through Economic Development Corp. of Goa. Shri Singla Nodal officer RKVY suggested that the project costing submitted by the proposer be evaluated as per National Mission for Food Security guidelines.

The project was approved for 25% funding as per new guidelines and evaluation as suggested above.

Break up of expenditure is as below.

Sr. No.	Particulars	cost (in Lakhs)	Recommened for assistance
1	Land Development charges	5.00	0.00
2	Civil Works	95.60	95.60
3	Plant, Machinery & Electrical cost	60.55	60.55
4	Furniture, Fixtures, Fixed Assests & internal electrification	6.00	0.00
5	Diesel Jense 200 KV	16.50	16.50
6	Pre operative expenses	11.00	0.00
7	Contingencies	9.65	0.00
8	Margin Money on working capital	10.21	0.00
<b>Total</b>		<b>214.51</b>	<b>172.65</b>

Proposed assistance 25% of 172.65 Lakhs

43.16

c) Bharat Swabhiman Kisan Sanstha, Mayem - Bicholim

4) Mega project on mass multiplication and seed production of paddy in Goa.

5) In situ conservation, evaluation and seed multiplication of traditional rice varieties of Goa with organic farming

Director of Agriculture informed that the comments of the Ministry of Agriculture, Government of India on both the proposed projects of SHG indicating that their project proposals can be considered for 25% funding only, were communicated to the SHG. The Group showed their inability to take up the project with the 25% funding and did not present the proposal before the SLSC.

d) Directorate of Fisheries

6) Open Sea Cage Culture -Phase II

Open Sea Cage Culture project during its 1st year received a very good response from the fishermen. Good harvest of fish was obtained in spite of several problems.

It is proposed to continue the project during 2014-15 with a financial outlay of Rs. 306.50 lakhs.

Since the project was on going one the committee approved the same with financial outlay of Rs. 306.50 lakhs

Sr. No.	Particulars	Cost (in Lakhs)	Recommended assistance
1	Cost of Ballast pipes 7500*25	1.875	1.875
2	Mooring chain (18mm) 30000*25	7.50	7.50
3	Chook, D shackles etc 2500*25	6.25	6.25
4	Mooring blocks 18000*25	4.50	4.50
5	Floats with brackets 2500*25	6.25	6.25

Sr. No.	Particulars	Cost (in Lakhs)	Recommended assistance
6	Boat hiring charges for mooring 15000*25	3.75	3.75
7	Transportation, loading & unloading charges 3000*25	0.75	0.75
8	Diving charges 10000*25	2.50	2.50
9	Ropes of various sizes & assorted items 5000*25	1.25	1.25
10	Cost of 50000 cobia seeds @ Rs. 50/- seed	25.00	25.00
11	Seed transportation costs @ Rs. 7 per seed	3.50	3.50
12	Cost of feed 225 tonne @ 10000/- tonne	225.00	225.00
13	Cost of 2 OBM 9.9 HP @175000/- OBM	3.50	3.50
14	Fuel expenses for 2 OBM @25000*2*10 months	2.50	2.50
15	Labour cost (skilled & unskilled)	3.50	3.50
16	other unforeseen expenses	8.875	8.875
Total		306.50	306.50

As the project has shown good results committee approved IIInd phase of the project costing Rs.306.50 lakhs.

#### 7) Establishment of 48 cage culture unit in Anjunem Reservoir

Director of Fisheries intends to establish reservoir cage culture inside the Anjunem irrigation project dam in Sattari taluka. HDPE cages of size 6mx4mx4m size will be laid out in the dam. Pangasius Sutchi, Red Tilapia species of fish will be used for the purpose. 48 cages, feed, Dinghi, cold storage, OBM, Batteries, seed components are proposed with fund requirement of Rs. 246.00 lakhs over a period of 1 year.

The project was approved for the year 2014-15 with financial outlay of Rs. 246.00 lakhs.

Sr. No.	Particulars	Cost (in Lakhs)	Recommended assistance
1	Capital cost on construction of a battery of 24 cages with facilities for shed for storage of all inputs and two persons to stay. (2 batteries of cages and each battery with 24 cages in each reservoir)	80.00	80.00
2	Input cost including seed, feed and other management cost	144.00	144.00
3	Dinghi	3.00	3.00
4	OBM	1.50	1.50
5	Cold Storage	15.00	15.00
6	Labor cost (Skilled & Unskilled)	2.50	2.50
Total		246.00	246.00



8) Establishment of 50 cages culture units and 50 mussel culture units in the brackish water bodies in the State of Goa under National Protein Mission (RKVY)

Directorate of Fisheries intends to establish 50 cage culture units and 50 mussel culture units in brackish water bodies in the State which are potential areas for mussel and finfish cage farming. Mussel culture will be taken up using rack culture technology sourcing seed from Kerala and Karnataka. Cages, boats, cold storage, mobile lab is proposed under the scheme besides training, seed, seed transportation, etc costing Rs. 200.00 lakhs for 2 years.

The project was approved for financial year with an outlay of Rs. 200.00 lakhs subject to approval of Directorate of Animal Husbandry, Dairying & Fisheries under National Mission for Protein Supplement.

Sr. No.	Particulars	Cost (in Lakhs)	Approved cost
1	Cost of rack of 6Mx3M size using casuarina poles of appropriate size & thickness (3.5m long*4.5 inch dia @Rs.250/pole i.e. 40 Nos*250)	5.00	5.00
2	Rope for construction 6 Kg @ Rs.175/- Kg	0.525	0.525
3	Seedling Rope 50Kg / 175	4.375	4.375
4	Contingency	3.90	3.90
5	Cotton netting material 100M*30	1.50	1.50
6	Nylon ropes for attaching sinkers and mussel ropes 5 Kg 300	0.75	0.75
7	Needles 10 Nos	0.025	0.025
8	Nylon Ropes for stitching 2 Kg x 175	0.175	0.175
9	Cost of Mussel seeds 800Kg*40	16.00	16.00
10	Canoe hiring charges 10 days * 400/day	2.00	2.00
11	Marketing expenses (removal of ropes, removing mussel from ropes, cleaning, transporting to market & selling at the local markets	1.25	1.25
12	Transporation of poles	1.00	1.00
13	Transporation of seeds	1.00	1.00

Sr. No.	Particulars	Cost (in Lakhs)	Recommended for assistance
14	Training cost for 50 farmers @ Rs. 5000/- per person (the training cost for conducting 2 training programme)	2.50	2.00
15	Cost of cage 4M*2.5M*2M with GI frame, netlon outer net & HDPE inner net	0.30	0.30
16	Mooring Poles 4Nos @ 500 each	0.02	0.02
17	Pole fixing charges @ 2000 site	0.02	0.02
18	Rope 5 Kg * 175	0.01	0.01
19	Cost of fish seed, 1000 Numbers per cage @ Rs. 50/each	0.50	0.50
20	Nursery rearing charges @ Rs. 20 /- seed	0.20	0.20
21	Transportation charges @ Rs. 7/- seed	0.70	0.70
22	Feed cost (with an estimated FCR of 1:1.5) 1.5 tonne @ Rs. 80/- Kg.	1.20	1.20
23	Ropes of various sizes and assorted items 5 kg * 200	0.01	0.01
24	Unforeseen expenses	0.04	0.04
25	Cost of 50 cages with all inputs	150.00	150.00
26	Training charges for 50 farmers @6000/ person	3.00	3.00
27	Cost of 2 FRP canoe @ Rs. 1,25,000/ Canoe	2.50	2.50
28	Labour cost (Skilled & Unskilled)	2.00	2.00
29	Monitoring expenses for consulting institution towards TA/DA etc @ 5000/- cage	2.50	0.00
<b>Total</b>		<b>203.00</b>	<b>200.00</b>

**9) Establishment of 25 open sea cage culture in the coastal waters of the state of Goa.**

Directorate of Fisheries presented project to establish 25 GI cages of cobia, Pompano, Sea bass at Polem in Canacona through fishermen, SHG's. The SHG's will have 10 members to whom 25 cages will be provided. Seed will be procured from various research institutes and seed farms under the guidance of CMFRI, Mangalore. 25 cages, FRP Boat, feed, seed, OBM engine, 2 number cold storage, training, laboratory equipment's will be procured under the project costing Rs. 219.50 lakhs.

The committee decided to approve the project subject to fulfilment of the comments of Ministry, Government of India.

viz Per farmer per day cost on training

- |                          |            |
|--------------------------|------------|
| a. Interstate            | Rs. 1250/- |
| b. Within State          | Rs. 1000/- |
| c. Within District Level |            |
| i. Residential           | Rs. 400/-  |
| ii. Non-residential      | Rs. 250/-  |

Recurring expenses not admissible under RKVY guidelines.

The Fisheries department should complete the establishment of all 25 nos cages during the current financial year and adopt necessary procurement procedure for feed & seed.

Sr. No.	Particulars	Cost (in Lakhs)	Approved assistance
1	Cost of 25 cages including the cost of Cages, Nets, Mooring, Floats etc	75.50	75.50
2	Cost of fish seed (25,000 seed @ Rs.50, including nursery rearing cost	12.50	12.50
3	Seed Transportation Charges @ Rs.7/Seed -2500 x 7	1.75	1.75
4	Cost of feed (Cost of feed calculated with an FCR OF 1:15)	90.00	90.00
5	FRP boat 36 feet long, 1 Nos @ 2.75 lakh/boat	2.75	2.75
6	OBM Engine, 9.9. HP Petrol / Kerosene model, 1 Nos @ Rs. 1.75 Lakh	1.75	1.75
7	Cost of 22 Nos of Cold store of 10 tonne capacity @ Rs. 7.5 lakh	15.00	15.00
8	Fuel Charges for OBM, 1 Engines, 9600 Liter Kerosene @ Rs. 50/liter	2.75	0.00
9	Training cost to 25 fishermen @ Rs. 8,000 (Including TA, DA, Accommodation, Stipend, Faculty TA, DA, Course Materials etc)	2.00	2.00
10	Operational Expenses of 2 Cold Rooms	1.00	0.00
11	Labour Cost (Skilled & Unskilled)	2.50	0.00
12	Laboratory equipment and chemicals (Dissolve Oxygen meter, Multi water parameter probe, etc)	12.00	12.00
Total		219.50	213.25

The committee approved the project for implementation costing Rs 213.25 lakhs.

#### 10) Study Tour outside the State

Directorate of Fisheries propose to conduct study tour to expose the shrimp culturist/ entrepreneurs, fishermen and department officers to improved culture technic on white leg shrimp in Gujarat costing Rs. 1.50 lakhs

Another exposure visit to Kerala is proposed to study ornamental fish breeding and rearing unit costing Rs. 1.50 lakhs.

Exposure visit to Rajiv Gandhi Centre for Aquaculture (RGCA) is proposed to witness sea bass (*Lates calcarifer*) and Cobia (*Rachycentroncanadum*) hatchery and culture technic costing Rs. 1.50 lakhs.

In all 10 fishermen and 5 department officials will be taken for each study tour costing Rs. 4.50 lakhs.

The project was approved for implementation as per ATMA norms for financial year with an outlay of Rs. 4.50 laks.

#### e) Indian Council of Agricultural Research, Ela Old Goa

#### 11) Establishment of Bio control laboratory for mass production of Bio agents at ICAR Research Complex for Goa.

Indian Council of Agricultural Research complex for Goa had submitted project for establishment of Bio Control Laboratory at ICAR complex in the year 2011-12 costing Rs. 36.00 lakhs. The project was approved by the State Level Sanctioning Committee for Rs. 18.00 lakhs in which ICAR were permitted to purchase equipment's for the project and utilize its resources for running the project. The ICAR conveyed their inability to take up the project for Rs.18.00 Lakhs.

In the recent proposal *Pseudomonas* spp, *Bacillus* spp, *enterobacterspp*, *trichoderma*, etc will be multiplied and sold to the farmers.

ICAR presented a project cost of Rs.246.00 Lakhs as against cost of Rs 83.00 lakhs presented before the Project Scrutiny Committee. When enquired Dr. Ramesh informed the house that the cost estimate for the construction of Laboratory has increased.

Recurring expenses (Contractual, consumables, contingencies cannot be considered under RKVY) as per RKVY Guidelines (Para 11.1 and appendix D) restricting the cost of the project to Rs. 224.00 lakhs

As per the comments of Ministry on the project, Nodal Officer ,RKVY , Shri. Singla advised State Government to consult Director General , ICAR for their comments.

**12) Promotion of Integrated Pest Management practices for Stem and root borer and Tea mosquito bug on cashew.**

Cashew is an important crop of Goa which is being attacked by various pest and diseases. Cashew stem borer and tea mosquito bug cause a lot of damage in the recent years. The technology need to be disseminated to control infestation of stem borer and tea mosquito bug in cashew which is over 10% every year.

In the present project affected plants will be surveyed in 7 talukas of Goa and on farm training, field demonstrations will be conducted in each taluka using advance technology. Use of Bio pesticides, insecticide, release of predatory ant, micro injections will be taken up in the project. Total cost of the project is Rs 25.88 lakhs over a period of 2 years. Funding for Technical Assistant, consumables, Demonstration & publication folder, contingencies are not admissible under Rashtriya Krishi Vikas Yojana guidelines (Para 11.1 and appendix D)

As per the comments of Ministry on the project, Nodal Officer ,RKVY , Shri. Singla advised State Government to consult Director General , ICAR for their comments.

### 13) Nursery production of Foliage, Flowering and fill ornamental crops.

ICAR scientist presented project on providing good planting material to the farmers and nursery man , landscapers at a reasonable rate.. Establishment of mother nursery, multiplication of flower, foliage and filler crop, marketing of these crops with development of system of planting, demonstrate and train the farmers on latest techniques will be part of the project costing Rs. 62.77 lakhs.

Recurring expenses are not admissible under RKVY guidelines (Para 11.1 & appendix -D)

Nodal Officer ,RKVY , Shri. Singla and Dy.Advisor Planning Commission Shri Choudhary informed that as per the comments of Ministry on the projects advised State Government to consult Farm Information Division of Ministry for their comments and if approved recommended for taking up by KVK.

#### f) KrishiViyan Kendra, North

### 14) Production of Virgin Coconut Oil.

There is lot of demand for virgin coconut oil in the State and farmers need to be guided in production of virgin oil. Technology on production of virgin oil need to be disseminated to the grassroot level. Coconut oil is rich source of medium chain triglycerides which are beneficial for human health and nutrition. Coconut oil is rich in fatty acids viz, lauric acid, capric acid, caprioc acid which makes up triglycerides molecules and forms anti microbial properties of the high value coconut product which is becoming popular globally as Virgin Coconut Oil. The project is of 2 years duration with fund requirement of Rs. 57.79 lakhs.

The project presented by KVK North was approved for Rs. 52.94 lakhs subject to Evaluation of costing and commitment from KVK North that their own funds will be made available for running the projects after project period is over . Expenditure on stationery, contractual services cannot be provided under RKVY.

Sr. No	Particulars	Cost in lakhs	Recommended funding in lakhs
1	Building		
2	Coconut dehusker	39.925	39.925
3	Double Sided coconut testa removing machine	0.015	0.015
4	Virgin Coconut oil cooker	1.00	1.00
5	Coconut pulverizer	3.00	3.00
6	Coconut Milk Extractor	1.50	1.50
7	Packing & Sealing machine	2.00	2.00
8	Weighing balance	0.50	0.50
9	Miscellaneous items	0.50	0.50
10	Contractual services	1.50	1.50
11	Stationary (Office running items) & other contingencies	3.60	0.00
12	Coconut (8000 Nos)	0.75	0.00
13	Packing materials	1.60	1.60
14	Fuel expenses (LPG Gas, etc)	1.40	1.40
	Total	0.50	0.00
		57.79	52.940

### 15) Strengthening of Soil Testing Laboratory as Central Soil Testing Laboratory for soil, plant, compost and water analysis

The project is raised to upgrade the existing soil testing laboratory to central soil testing laboratory for soil, plant, compost and water analysis. Based on the above analysis plant test based fertilizer recommendations will be made for each crop. Refrigerator, air conditioner, Analytical balance, electric conductivity meter, PH meter, Soil sampling tool, augur, Apparatus, leaf grinder, Pestle and mortar, GPS system, Almira, and shelf, Computer Nitrogen Kjeldahl Distillation Unit (Auto Analyzers), Nitrogen Digestion Unit with accessories, Mechanical shaker, Mechanical stirrer, Hot air Oven, Spectrophotometer, Water purification system, Digestion hood assembly with hot plate with exhaust fan, Digital Burette, Glasswares / plasticwares / chemicals / other consumables, etc are proposed in the project. The committee suggested to remove wages, contingences, Institutional charges and computer from the project cost and resubmit the same for consideration.

Shri. Singla, Nodal Officer RKVY informed that low cost soil testing instrument at an approximate cost of Rs. 30000/- are developed. The units are tested and found suitable and cost effective. KVK, North was advised to contact Soil Testing Authorities of Government of India for procurement of such Soil Testing machines for which committee agreed.

Sr. No	Particulars	Cost in lakhs	Recommended for assistance
1	Administrative / Operational cost (Contractual Manpower)	0.49	0.00
2	Consumables (Glasswares/Plastic wares/Chemicals/othe consumables)	4.00	0.00
3	Contingencies	1.50	0.00
4	Training	0.50	0.50
5	Upgradation of Laboratory	5.00	5.00
6	Machinery & Equipments		
a	Nitrogen kjeldal Distillation unit (Auto Analyzers)	3.50	3.50
b	Nitrogen Digestion unit with accessories	3.50	3.50
c	Mechanical shaker	2.00	2.00
d	Mechanical Stirrer	0.30	0.30
e	Hot air oven	3.00	3.00
f	Spectrophotometer	5.50	5.50
g	Water purification system	6.50	6.50
h	Digestion hood assembly with hot plate with exhaust	1.20	1.20
i	Digital Burette	1.50	1.50
j	Air condition device	0.80	0.80
k	Refrigerator	0.30	0.30
l	Analytical weighting balance	2.00	2.00
m	Precision weighting balance	0.70	0.70
n	Electrical conductivity meter	0.75	0.75
o	pH meter	0.75	0.75
p	Soil sampling tool/Auger/apparatus	0.80	0.80
q	Leaf grinder	0.70	0.70
r	Computer (Electronic Data device), Printer, Scanner	0.80	0.80



Sr. No	Particulars	Cost in lakhs	Recommended for assistance
s	Pestle & mortar & other lab tools		
t	Global Position system	0.22	0.22
u	Chemical Almeria & shelf to arrange chemical bottles	0.60	0.60
v	Working table, stools, etc	1.00	1.00
w	Soil representative rack	0.80	0.80
x	Soil Testing Instrument Developed by ICAR	0.30	0.30
	<b>Total</b>	<b>49.01</b>	<b>43.92</b>

The project is approved for Rs. 43.92 lakhs.

**g) Directorate of Animal Husbandry & Veterinary Services.**

**16) Setting Up of an Ultra Modern State Piggery Breeding Farm at Shigao, DhatMollem Goa.**

Directorate of Animal Husbandry and Veterinary Services intends to set up a piggery breeding unit at shigao to cater to the increasing demand for pork in the State.

Gilts and Boars of good quality will be procured from outside the State. Breeding and rearing of hogs/swine will be done at the farm. Good quality gilts and piglets will be sold to the farmers at the reasonable rate to achieve pink revolution in the State.

Through this project 100 sow crossbreed nucleus or multiplier piglet production unit will be operated in the State. The unit will market any cull slaughter hogs and culled breeding herd animals. Good quality exotic stock of Yorkshire, landrace and duroc will be procured and crossed to obtain 2400 piglets annually. Breeding shall be based on artificial insemination or natural boar service semen. Piglets will be weaned every 28 days of age. Sows will be re-bred within 5 days post weaning after they come back to heat. High quality feed will be provided to the animals. Bio security protocols will be followed as per international centres. Lagoons for liquid

manure storage will be as per engineering specifications to satisfy environmental guidelines. Piggery shed, livestock, security equipments, biogas plant, semen, feed, medicine, feeder equipment, cold room, laboratory, slaughter house, etc will be set up costing Rs. 1297.04 lakhs.

The State Level Sanctioning Committee is requested to accord approval for the project in principle. Detailed project report will be prepared by appointing a consultant and placed before the committee for approval. Directorate of Animal Husbandry and Veterinary presented project on Setting Up of an Ultra-Modern State Piggery Breeding Farm at Shigao, DhatMollem Goa. After discussion committee advised to appoint consultant from State fund to study the project and submit fresh proposal on receipt of consultant's report. They were also advised that they should take up project on on-going scheme of Directorate of Animal Husbandry, Dairying & Fisheries.

Directorate of Animal Husbandry and Veterinary presented project on Setting Up of an Ultra-Modern State Piggery Breeding Farm at Shigao, DhatMollem Goa. After discussion committee advised to appoint consultant from State fund to study the project and submit fresh proposal on receipt of consultant's report. They were also advised that they should take up project on on-going scheme of Directorate of Animal Husbandry, Dairying & Fisheries.

Sr. No	Particulars	Cost in lakhs	Recommended for assistance
A	Cost of Breeding Unit (fixed & operation)		
1	Livestock (100 @55000/Gilt)	55.00	55.00
2	Livestock (8 @75000/Boar)	6.00	6.00
3	Civil Works	22.00	22.00
4	Fabrication	24.00	24.00
5	Security Equipment(Bio-security, fire fencing, cctv etc.)	15.00	15.00
6	Insurance (Livestock & Shed)		
7	Bio-Gas Plant	5.00	5.00
8	Semen *(500 doses @ Rs.6000/dose)	30.00	30.00
9	Feed (Rs.60/sow/day)	23.65	23.65
10	Medicine AI/Vet.Doctor	8.00	8.00

Sr. No	Particulars	Cost in lakhs	Recommended for assistance
<b>A</b>	<b>Cost of Breeding Unit (fixed &amp; operation)</b>		
11	Staff		
12	Electricity/Water	6.00	6.00
13	Miscellaneous(MIS,Visitors,Delegates etc.)	6.50	6.50
<b>B</b>	<b>Cost of Fattening Unit (fixed &amp; operational)</b>	8.00	8.00
1	Feeder equipment		
2	Civil Works	35.00	35.00
3	Fabrication	65.00	65.00
4	Security Equipement(Bio-security,fire fencing,cctv etc.)	60.00	60.00
5	Insurance (Livestock &Shed)	30.00	30.00
6	Feed (Rs.35/piglet/day)		
7	Medicine AI/Vet.Doctor	306.60	306.60
8	Staff	8.00	8.00
9	Electricity/Water	8.00	8.00
10	Miscellaneous(MIS,Visitors,Delegates etc.)	6.00	6.00
		8.00	8.00
<b>C</b>	<b>Cost of Slaughter House and Processing Unit</b>		
1	Civil Works		
2	Equipment & Machinery for Slaughter hall	102.60	102.60
3	Equipment & Machinery for Meat Processing	76.50	76.50
4	Cold Room & Laboratory	46.00	46.00
5	Common Utility Service	93.00	93.00
6	Miscellaneous	102.93	102.93
<b>D</b>	<b>Cost of Feed Mill</b>	8.44	8.44
1	Civil Works		
2	Equipment & Machinery(3 Ton/Day Capacity)	25.00	25.00
3	Storage	30.00	30.00
		15.00	15.00
<b>E</b>	<b>Consultancy, Design &amp; drawing &amp; detailed project report and supervision at site @ 5%</b>	61.82	61.82
	<b>Total</b>	<b>1297.04</b>	<b>1297.04</b>

#### h) Sanjivani Sahakari Sakhar Karkhana Ltd.

##### 17) Upgradation and Automation of Sakhar Karkhana.

The Managing Director Saanjivani informed that as advised at the VII SLSC, the project was referred to National Sugar Institute Kanpur and presented the report from Kanpur Institute. Shri. Singla Nodal Officer RKVY, informed the Managing Director that the project could be approved for 25% of funding, provided fund arrangement for the balance amount of 75% is made available from other sources/State.

The committee approved the project costing Rs.666.59 with 25% assistance limited to Rs. 166.65 lakhs as suggested above.

#### i) National Bureau of Soil Survey & Land Use Planning, ICAR Nagpur

##### 18) Characterization and mapping of land resources of Goa in reference to cultivated and fallow land use system.

Since all items on Agenda were covered; with permission of Chairman Shri. Larry Barreto, Dy. Director of Agriculture (PP) informed that the earlier sanctioned project Soil Nutrient Status of Goa approved by the SLSC 2011-12 at the cost of Rs. 100.00 lakhs did not take off due to non-availability of agency. A single quote received from Zuari Agro Chemicals Ltd. was not acceptable to the State Govt.

Dy. Director of Agriculture (PP) informed that National Bureau of Soil Survey & Land Use Planning has come forward to take up the Project under the caption "Characterization and mapping of land resources of Goa in reference to cultivated and fallow land use system" - A step towards enhancing agriculture productivity.

Dy. Director of Agriculture informed that the parameters of the earlier approved project are covered in the present proposal of National Bureau of Soil Survey & Land Use Planning, ICAR- Nagpur besides, additional parameters like resource inventory of fallow lands, suggested land use plan of fallow land with web and mobile based farmers advisory hosted on the website of the Department.

Replacement of earlier project with new proposal was agreed to with an outlay of 115.67 lakhs instead of the Rs. 100.00 lakhs for a period of 3 years.

Year	2014-15	2015-16	2016-17	Total
Expenditure to be incurred (in lakhs)	77.42	36.75	1.50	115.67

j) **Administrative expenses under RKVY.**

- |   |                 |
|---|-----------------|
| 1) Opening of imprest Account for meeting the day today requirement of funds with Rs.10000/-at a time | Rs. 0.50 lakhs  |
| 2) Continuation of Data Entry Operator  | Rs. 2.88 lakhs  |
| 3) Appointment of 1 Accountant and 2 LDCs on contract.  | Rs. 6.50 lakhs  |
| 4) Purchase of map racks, cupboards   | Rs. 2.50 lakhs  |
| 5) Hire of Vehicle  | Rs. 2.50 lakhs  |
| 6) Stationery, Success story, printing of project book, Short film                                    | Rs. 2.50 lakhs  |
| 7) Monitoring and Evaluation of projects  | Rs. 20.00 lakh  |
| 8) Miscellaneous  | Rs. 30.05 lakhs |

**Projects approved for implementation during 2014-15**

Sr. No.	Name of the project	(In Lakhs) Funds Approved
<b>On- going Projects</b>		
<b>Agency - Directorate of Agriculture</b>		
1	Incentivising paddy cultivation through SHG at Village level Settingup of Agro Service Centres	25.00
2	Promotion of combine in Paddy	60.00
3	Mechanization in Agriculture	290.00
4	Vegetable initiative for urban clusters	233.44
5	Soil & Nutrient Mapping for 2 talukas of Goa	225.00

(In Lakhs)

Sr. No.	Name of the project	Funds Approved
6	Soil and Nutrient Status of State of Gao for Major & Micronutrients	100.00
7	Assistance for use of Soil conditioners/Soil amendments	6.00
8	Assistance for use of Micronutrients	6.00
9	Preparation of C DAP	4.00
10	Seed Production of improved varieties of groundnuts & Distribution to farmers.	124.60
11	Solar Power fencing	165.58
12	Productivity improvement in cashew plantation	477.55
13	Development of oil palm cultivation in the State of Goa	80.90
<b>Agency - Directorate of Animal Husbandry &amp; Veterinary Services</b>		
14	Strengthening State Level Farmers cum Stockmen Training Centre, Curti, Ponda-Goa.	8.57
15	Crossbred Heifer rearing at cattle breeding farm, Copardem - sattari - Goa	674.67
<b>Agency - Directorate of Fisheries</b>		
16	Open Sea Cage Culture	74.31
17	A Fisheries training Vessel for the Department of Fisheries	109.00
<b>Agency - Krishi Vigyan Kendra, South</b>		
18	Demonstration unit of multi storied cropping pattern in cocnut garden at KVK South	0.83
19	Upgradation of Training facilities for advanced trainings to the farmers, farm women, rural youth and other stakeholders	33.13
<b>Agency - Indian Council of Agricultural Research</b>		
20	Production and supplementation of Bypass fat to dairy animals for enhancement of milk production and livelihood security of dairy farmers of Goa.	38.90
21	Demonstration of Precision Farming Technologies (PFT) in Banana, Pine apple and Papaya in farmers fields of Goa	29.00
22	Conservation of traditional varieties of Vegetable crops & Entrepreneurship Development for its seed production under Vegetable Initiative for Urban Clusters	20.00
23	Development of comprehensive E-Horticulture Portal for information and knowledge sharing in Goa	46.00
24	Feed Blocks for Dairy Animals for effective utilization of locally available resources and higher productivity	8.00

(In Lakhs)

Sr. No.	Name of the project	Funds Approved
25	Training demonstration and research on hydroponics green fodder production	14.90
<b>Agency - Krishi Vigyan Kendra, North</b>		
26	Upgradation of Training facilities for Advance Trainings to the farmers and other stakeholders in Goa	29.00
<b>Agency - Goa State Agricultural Marketing Board</b>		
27	Agri Bazar	1089.64
<b>Agency - Sanjivani Sahakari Sakhar Karkhana Ltd.</b>		
28	Establishment of shed net nursery for raising sugarcane seedlings to supply quality seedling to the Goan farmers	5.31
<b>Agency - Parshuram Gramin Vikas Shikshan Mandal</b>		
29	Pest Management in Cashew, Coconut and other crops in Goa.	68.87
<b>New Projects 2014-15</b>		
<b>Agency - Directorate of Agriculture</b>		
30	e Governance for speedy disposal of assistance to farmers	972.47
31	Characterization and mapping of Lands Resources of Goa	115.67
<b>Agency - Soil Conservation Division, Directorate of Agriculture</b>		
32	Improvement/ Strengthening of bunds in the State of Goa	15900.00
<b>Agency - Directorate of Fisheries</b>		
33	Establishment of 50 cages culture units and 50 mussel culture units in the brackish water bodies in the State	200.00
34	Open Sea Cage Culture - Phase - II	306.50
35	Establishment of 25 open sea cage culture in the coastal waters of the state of Goa.	213.25
36	Establishment of 48 cage culture unit in Anjunem Reservoir	246.00
37	Study Tour outside the State	4.50

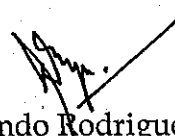
(In Lakhs)

Sr. No.	Name of the project	Funds Approved
<b>Agency - Directorate of Animal Husbandry &amp; Veterinary Services</b>		
38	Setting Up of an Ultra Modern State Piggery Breeding Farm at Shigao, Dhat Mollem Goa.	0.00
<b>Agency - Indian Council of Agricultural Research, Ela Old Goa</b>		
39	Establishment of Bio control laboratory for mass production of Bio agents at ICAR Research Complex	0.00
40	Promotion of integrated Pest Management practices for Stem and root borer and Tea mosquito bug on	0.00
41	Nursery production of Foliage, Flowering and fill ornamental crops.	0.00
<b>Agency - Krishi Vigyan Kendra, North</b>		
42	Production of Virgin Coconut Oil.	52.94
43	Strengthening of Soil Testing Laboratory as Central Soil Testing Laboratory for soil, plant, compost and	43.92
<b>Agency - Goa Cold Storage Pvt. Ltd.</b>		
44	Modern Rice Mill	43.16
<b>Agency - Sanjivani Sahakari Sakhar Karkhana Ltd.</b>		
45	Upgradation and Automization of Sakhar Karkhana (Phase I)	166.65
<b>Agency - Directorate of Agriculture</b>		
46	Administrative Expenditure	67.43
<b>Total</b>		<b>22380.69</b>

The committee approved the above projects.

Shri. Orlando Rodrigues , Director of Agriculture, Government of Goa proposed vote of thank to the Chairman, to the visiting members and the participants.

Date: 01/10/2014

  
(Orlando Rodrigues)  
Director of Agriculture



## Annexure - I

**LIST OF THE PARTICIPANTS OF STATE LEVEL SANCTIONING  
COMMITTEE MEETING FOR RASHTRIYA KRISHI VIKAS YOJANA  
HELD ON 17<sup>th</sup> SEPTEMBER, 2014 AT 11.00 A.M. IN THE CONFERENCE  
HALL, SECRETARIAT, PORVORIM -GOA**

Sr. No.	Name of the Officer	Designation	Department
1	B. Vijayan	Chief Secretary/ Chairman SLSC	Secretariat, Porvorim- Goa
2	Sushilkumar Singla	Director (Hort), Nodal Officer (RKVY)	Ministry of Agriculture (GoI)
3	Manash Choudhary	Dy. Adviser	Planning Commission, Government of India
4	D. P. Dwivedi	Secretary (Agriculture)	Secretariat, Porvorim- Goa
5	Dr. N. P. Singh	Director	Indian Council of Agricultural Research
6	DR. B. Braganza	Director	Directorate of Animal Husbandry & Veterinary Services
7	Anand Sherkhane	Director	Directorate of Planning, Statistics & Evaluation
8	Nelson Figueredo	Managing Director	Goa State Horticultural Corporation Ltd.
9	J. B. Bhingui	Registrar	Registrar of Co-operative Societies
10	Orlando Rodrigues	Director	Directorate of Agriculture
11	Ravindra R. Yaragatti	Superintending Engineer,	CPO, Water Resource Department
12	Hrishikesh Pawar	Superindent	Directorate of Fisheries
13	Prakash Jamble	Managing Director	Sanjivani S.S.K. Ltd.
14	Vilas Bhangui	Director	Goa Cold Storage Pvt. Ltd.
15	P. B. Akki	Executive Engineer	Soil Conservation Division, Directorate of Agriculture

Sr. No.	Name of the Officer	Designation	Department
16	R. V. Kenavdekar	Assistant Engineer	Soil Conservation Division, Directorate of Agriculture
17	R. Verlekar	Assistant Engineer	Soil Conservation Division, Directorate of Agriculture
18	S. B. Gawas	Assistant Engineer	Sanjivani S.S.K. Ltd.
19	R. M. Naik	Chemist	Sanjivani S.S.K. Ltd.
20	S. G. Gangaikoppa	Chief Engineer	Sanjivani S.S.K. Ltd.
21	Dr. Pednekar	Assistant Director	Directorate of Animal Husbandry & Veterinary Services
22	Dr. Maruthadurai	Scientist	Indian Council of Agricultural Research
23	Dr. R. Ramesh	Senior Scientist	Indian Council of Agricultural Research
24	Dr. Safeena S. A.	Scientist	Indian Council of Agricultural Research
25	Dr. S. Priya Devi	Senior Scientist	Indian Council of Agricultural Research
26	Mrs. Sunetra Talalaukar	SMS (H.S.C)	Krishi Vigyan Kendra, North
27	Dr. Vishram Gaonkar	Programme Co-ordinator	Krishi Vigyan Kendra, North
28	Shashi Vishwakarma	Lab Technician	Krishi Vigyan Kendra, North
29	Chandan A. Shirodkar	Assistant Superintendent	Directorate of Fisheries
30	Larry Barreto	Dy. Director	Directorate of Agriculture