

Subject: Proceedings of the 15th meeting of State Level Sanctioning Committee under RKVY held on 30.08.2016 at 12.00 noon under the Chairmanship of Worthy Chief Secretary Punjab-cum-Chairman SLSC at Punjab Bhawan, Chandigarh.

The 15th meeting of SLSC was held under the Chairmanship of Sh Sarvesh Kaushal, IAS, Chief Secretary Punjab on 30.08.2016 at 12.00 noon at Punjab Bhawan, Chandigarh. The List of the participants of the meeting is placed at Annexure-A.

2.0 The Chairman welcomed Ms. Neeraja Adidam, IFS, Joint Secretary (RKVY) and Dr A.J.V. Prasad, Joint Secretary, Department of Animal Husbandry Dairying & Fisheries (DADF) Government of India and the other members of the State Level Sanctioning Committee. He remarked that both Punjab Agricultural University (PAU) and Guru Angad Dev Veterinary and Animal Sciences University (GADVASU) are the back bone of the agricultural development in the State with a mandate of Agricultural Education and Research, and to a some extent Extension and working with the farmers. Moreover, PAU has played a pivotal role in bringing green revolution not only in the State but also its expansion to the other States. Though, it is undergoing through a transit phase of development and has also been bifurcated, yet its hand holding in terms of allocation of funds is a must. Thereafter, he asked Dr. Nirmaljit Singh Kalsi, IAS, Additional Chief Secretary (Development) {ACS (D)} to take up the Agenda items.

3.0 ACS (D) apprised that:

- Rashtriya Krishi Vikas Yojana (RKVY) is being implemented on 60:40 (Centre: State) sharing basis and GoI has made an allocation of Rs.246.01 crore for 2016-17, out of which Rs 165.90 crore are under normal RKVY, Rs 79.47 Crore under Crop Diversification Programme (CDP) and Rs 0.64 Crore under Accelerated Fodder Development Programme (AFDP).
- Corresponding to this allocation, Rs 164.00 crore are to be contributed by the State Government as a state share (40% share).
- SLSC can approve projects worth 150% of allocation under normal RKVY. The allocations under Special programmes cannot be interchanged at State level. The Action Plan under CDP is approved by Department of Agriculture and Cooperation, GoI and is ratified by SLSC.
- State Level Project Screening Committee (SLPSC) in its meeting held on 12-07-2016 has recommended project proposals worth Rs 441.03 crore based on their techno-economic feasibilities. Out of this, projects worth Rs 128.04 crore are ongoing projects which have already been approved by SLSC in its previous meetings and project proposals amounting to Rs 312.99 crore are new proposals. Out of new proposals, Rs 158.23 crore and Rs 154.76 crore have been demanded under components of Production Growth and Infrastructure Assets Development.
- About 40% of the funds available under RKVY are to be allotted to Animal Husbandry Sector and about 6% to Cooperation sector. However, it was felt that in view of the increasing contribution of livestock

sector to the GSDP, it should be allocated about 50% of the available funds after an allocation of Rs. 25 crore each for PAU and GADVASU.

4.0 The Joint Secretary (RKVY), GoI remarked that:

- The State, while releasing the fund to Implementing Agency, should ensure that the project fulfils all the conditions prescribed in the new Operational Guidelines of RKVY 2014 i.e. cost norms in similar Govt. of India/State Govt. Schemes/Programmes should be followed. In case, no cost norm is available, cost norms based on local parameters as approved by SLSC may be followed. Specified Pattern of Assistance as approved for various central Government Schemes should be applicable to the Projects and financial assistance should not be more than 25% of the Project Cost unless approved otherwise. All Government (Centre/State) and quasi- Govt. (Fully funded organization, State Agriculture Universities, Panchayati Raj Institutions, Primary Agriculture Credit Societies (PACS) etc may be provided 100% funding of project cost under RKVY for creation of assets/ infrastructure to promote activities in agriculture and allied sectors.
- JS(RKVY) further informed that it has been approved by the competent Authority that in case of Implementing Agency which are fully Government or Semi Government Organization the rate of subsidy will be 100% for infrastructure and creation of asset and for others rate of subsidy will be as per Guidelines of RKVY. Technical Requirements/Standards specified in various Central Government Schemes should be applicable to these Projects. While implementing approved projects, State may ensure that there should not be any duplication of funds with the activities of any other scheme.
- Ongoing projects and new projects from 2014-15 onward should be categorized into "Production Growth" and "Infrastructure and Assets" for facilitating allocation of funds. Out of total allocation available to States under RKVY (Normal) Category (excluding allocation under special Schemes) the States should be allocated minimum stipulated fund to "Infrastructure and Assets Stream" (35% at central level or 43.75% at State Level).
- In no case, any fund should be released to a project which is in the Negative List prescribed in appendix B of RKVY Guidelines. Projects under sub-schemes has to be got approved by Subject Matter Division of DAC / DAHD&F.
- The State should update RKVY-RDMIS regularly. It should ensure that there is no overlapping of assistance for a project under RKVY from different other schemes.

5.0 Thereafter, the proposed agenda was taken-up for detailed deliberations and the brief gist of the decisions taken is as under:

Item No.I. Confirmation of minutes of 14th SLSC:

Since no comments have been received from any quarter, the minutes of 14th SLSC meeting were taken as confirmed.

Item No. 2. Performance under RKVY and CDP:

The Chairman reviewed the progress and directed the Nodal department to submit the complete utilization certificate of funds received during 2014-15 immediately to GoI. He exhorted all the line departments to expedite utilization of funds released during 2015-16 to enable the State to receive funds for 2016-17. He also desired that pragmatic and goal oriented projects which can contribute to improve socio-economic status of the farmers in the short-run should be taken-up by them.

Item No.3.0 Approval of Modification in the projects sanctioned for 2015-16:

Item No.3.1 "Working Capital for re-processing of Skimmed Milk Powder" and "One time Subsidy to State Cooperative Milk Federations".

MD Milkfed informed that a decision has been taken by GoI to support Milk Unions to re-process the Skimmed Milk Powder (SMP) under RKVY. A capital assistance of Rs 510.00 lac is required to reprocess the available stocks of SMP and a sum of Rs. 146.77 lac is required for providing one time subsidy to the State Cooperative Milk Federations. The DADF has revalidated the permission for implementation of these programmes. This proposal may kindly be approved.

The Committee granted ex-post facto approval.

Item No.3.2 "Modernization and up-gradation of existing Government Fish Seed Farms".

Additional Chief Secretary (Animal Husbandry) informed that 12th SLSC has approved this proposal with an outlay of Rs 1834.00 lac, however, keeping in view the demand of the fish seed, 7 more Government Fish Seed Farms have been strengthened with an additional cost of Rs 131.50 lac. Therefore, the outlay of this proposal has been escalated from Rs 1834.00 lac to Rs 1965.50 lac. This proposal may kindly be approved.

The Committee granted ex-post facto approval.

Item No. 3.3 "Establishment of two Skill Development Centres at Punjab Agricultural University and Guru Angad Dev Veterinary & Animal Sciences University".

Vice Chancellor, PAU intimated that a proposal to set up Skill Development Centre has been proposed during 2015-16 and it was approved by the Chief Secretary Punjab-cum-Chairman SLSC with an outlay of Rs 1660.00 lac. Out of which, an amount of Rs 500.00 lac has already been released to PAU and the work is under progress.

Similarly, Director Research, GADVASU told that a proposal was got approved to set up a Skill Development Centre at GADVASU with an outlay of Rs 1694.96 lac. Out of which an amount of Rs 500.00 lac was also released to GADVASU.

GoI has supported the above cited proposals of setting up of both Skill Development Centres. However, GoI desired that these centres should be

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CHIEF SECRETARY
GOVERNMENT OF PUNJAB

got accredited from Agriculture Skill Council of India (ASCI). This proposal may kindly be approved subject to the above observation of GoI.

The Committee granted ex-post facto approval.

Item No.3.4 "Setting up of Hi-tech Vegetable Nurseries at Government garden and nursery Village Attari, District Amritsar, Patiala and at Government Potato Seed Farm, Bir Charik, District Moga".

Director Horticulture (DH) informed that 14th SLSC approved this project with an outlay of Rs 1038.30 lac for the year 2015-16. Out of which an amount of Rs 330.00 lac has been released to set up one Hi-tech Vegetable Nursery at Government Potato Seed Farm, Bir Charik District Moga. In the proposal, 1% administrative charges had not been included, however, these charges are required for the implementation of project. This proposal may kindly be approved.

The Committee granted ex-post facto approval.

Item No.4.0 Projects to be taken-up during 2016-17

Item No.4.1 Ongoing Projects: Since the on-going projects are those which have already been approved by SLSC in its previous meetings but could not be completed due to non-release or inadequate release of funds, the Committee approved the allocation for completion of the projects as given in the **Annexure-B**, out of funds to be released during 2016-17. However, the representative of Govt. of India observed that duplication with other Center/State schemes may be rechecked before implementation and; no recurring expenditure should be met out of this scheme, however, third party evaluation may be got done at priority as per the guidelines of the scheme.

Item NO.4.2 New Project Proposals for 2016-17:

ACS (D) remarked that the implementing departments while explaining the new projects put-up for consideration of SLSC should also keep in view the comments received from GoI. He then asked all the concerned departmental representatives to explain their proposals in brief and a gist of discussions is given below:

A Agriculture Department

Production Growth

Item No.4.2.1 Seed Replacement of Wheat Seed.

Director Agriculture (DA) explained that seed replacement is an important component to sustain the Wheat yield. As such, certified seed would be supplied to the farmers of the Non-NFSM districts at 50% subsidy. The subsidy would be transferred through DBT adhering to the NFSM norms. JS (RKVY) desired that NFSM norms should be followed while distribution of wheat seeds.

After detailed discussions, the Committee approved outlay of Rs. 1850.00 lac.

Item No.4.2.2 Sustainable Wheat through use of Fungicides.

DA apprised that Yellow Rust is a serious disease of Wheat crop and can cause great loss if not contained. Application of fungicides at an

appropriate time is of utmost important to check its spread and consequent damage to the crop yield.

The Committee approved proposal for Rs. 400 lac and desired that the recommendations of Punjab Agricultural University Ludhiana in this regard should be followed.

Item No.4.2.3 Promotion of Farm Mechanization.

DA informed that cropping intensity of the State is almost 206% and more than two crops are being harvested in some area. To decrease the cost of cultivation as well as for timely completion of various farm operations, mechanization of agriculture operations is necessary. It may also help in getting higher productivity. JS(RKVY) desired that the guidelines of the SMAM may be followed while supplying the machinery.

The Committee approved the proposal with an outlay of Rs. 500 lac.

Item No.4.2.4 Promotion of Technologies for Crop Residue Management.

DA informed that management of crop residues is really a challenging task and the State Government is taking steps to control open field burning of the crop residues. The State is distributing machinery which can help in its easy management. ACS (D) desired that the selection of the beneficiaries should be in a transparent manner and subsidy part may be transferred to bank accounts of the beneficiaries through DBT.

JS (RKVY) remarked that considering the environmental impact of crop residue burning, GoI supports the proposal subject to cost norms of SMAM.

The Committee approved this proposal with an outlay of Rs. 1000.00 lac.

Item No.4.2.5 Establishment of Agro-Machinery Service Centres.

DA informed that the agriculture machinery is a major capital investment in farming and also contributes in making it unviable. Setting-up of Agro-Machinery Service Centres will help in reduction in capital investment by individual farmer, reduction in the cost of production and will help in increase the rate of adoption of latest however costlier technology. He also apprised that about more than 1700 AMSCs are working in the state and providing machinery to the users on minimal custom hiring basis. JS (RKVY) remarked that SMAM norms should be followed while its implementation.

The Committee approved this proposal with an outlay of Rs. 1000.00 lac.

Infrastructure Assets

Item No.4.2.6 Project Proposal for Strengthening of State Insecticide Testing Laboratories.

DA intimated that three Pesticide Testing Laboratories are working in the state and Punjab is the only state in which all the laboratories are accredited by the National Accreditation Board for Testing & Calibration Laboratories (NABL) New Delhi. Besides, there is an urgent need to increase the capacity of the laboratories corresponding to the number of pesticide dealers in the

state. Presently, the testing capacity of all the laboratories is 3900 (1300 each) It is therefore the project proposal of Rs 1527.3 lac is proposed to further strengthen these laboratories. Worthy CS asked that whether department has sufficient manpower to run these labs after doubling their capacity. ACS (D) replied that these labs will be equipped with latest machines, which will help in doubling their testing capacity. JS (RKVY) desired that norms of 'Strengthening and Modernization of Pest Management Approach in India' (SMPMA) should be followed.

The Committee approved the proposal with an outlay of Rs. 1527.3 lac.

Item No.4.2.7 Enhancing the efficiency of State Agriculture & Allied Departments for better convergence and monitoring of farmers welfare schemes using ICTs.

DA informed that the Directorate of Agriculture is lacking modern ITC facilities for imparting trainings to the farmers and monitoring of the various centrally and state sponsored schemes. Further, Directorate of Agriculture needs facilities of Video Conferencing, small group interaction set-up, Committee room etc for catering day to day needs of the department. JS (RKVY) remarked that RKVY guidelines should be followed while execution of the proposal.

The Committee approved item with an outlay of Rs. 99.00 lac.

B Soil and Water Conservation

Item No. 4.2.8 Project for improving conveyance efficiency of irrigation water for sustaining agricultural production.

CA-cum-CCS explained that the same project was being implemented for few years with the objectives of conservation of irrigation water, assured irrigation in canal command as well as tubewell-irrigated areas, Increase in produce quality, yield and production with timely irrigation, Land saving and to control of salt-accumulation. However, there is still big demand of the farmers. Accordingly, this project with an outlay of Rs. 10000 lac has been proposed for three years and Rs 5000 lac has been proposed for 2016-17.

The JS (RKVY) remarked the NRM Division has supported the project but desired that cost norms of Rs.12000/- per hectares as envisaged under NMSA may be adopted. Commission Agriculture informed that provision of Rs.22000/- per hectare has been made as approved by the State in the similar schemes and also the Crop Diversification Plan for 2016-17 has been approved by Govt. of India by adopting this cost norms.

After discussions, the Committee approved the proposal for Rs. 10000.00 lac with an outlay of Rs.4300 lac for 2016-17.

C Horticulture

Production Growth

Item NO. 4.2.9 Proposal to Provide Financial Assistance for Horticulture Activities in Moga, Mansa, Barnala and Ropar Districts (Non Mission)

Director Horticulture (DH) informed that with the objective to increase productivity, production and improving quality of horticultural crops with hi-tech horticulture and to increase productivity & quality of old/senile orchards

through canopy management only in four Non-National Horticulture Mission (NHM) districts, the present proposal is proposed. The budget outlay of this proposal is Rs 578.45 lac however Rs 300.00 lac has been demanded for 2016-17. He further added that various farm equipments would also be supplied to the orchard growers at 50% subsidized rate.

The Committee approved the proposal for Rs.200.00 lac for 2016-17 with the condition that the MIDH norms should be followed.

Item NO. 4.2.10 Production Demonstration of Bio-fertilizer in Citrus Estate of Hoshiarpur and Bhunga.

DH proposed that this proposal is submitted for conducting demonstrations of bio-inoculants for nutrient acquisition and enhancing the growth and yield of citrus crop, demonstration of technology of rapid composting through microbial consortium and to train the resource persons and farmers for further popularization of bio-inoculants and compost technology. The outlay of the project is Rs. 500.00 lac. He further apprised that Azotobacter Carrier based, PSB Carrier based, Azotobacter liquid formulation, PSB liquid formulation, Potassium solubilizing bacteria ((KSB) liquid formulation, Zinc solubilizing bacteria (ZSB) liquid formulation, NPK providing liquid formulation, AM fungi, IARI Compost inoculants, Trichoderma viridi would be supplied.

JS (RKVY) remarked that the assistance may be provided as per the organic and INM component of SHM of NMSA. For promotion of organic inputs assistance is provided to the State @50% of the cost subject to a limit to Rs.5000 per ha and Rs.10000 per beneficiary. She further remarked that recurring cost with respect staff salary for five years is not to be supported for which administrative funds available @1% may be used.

The Committee approved the proposal with an outlay of Rs. 500 lac and Rs 250.00 lac for the year 2016-17 subject to the condition that the observation of JS (RKVY) should be followed while implementation.

Item NO. 4.2.11 Proposal for cultivation of mushroom on small scale.

DH informed that 40% subsidy on compost units is being provided under NHM and on the same pattern of assistance the present proposal is proposed with an outlay of Rs 200.00 lac.

JS (RKVY) remarked that only the compost components as per MIDH norms is supported and for the rest support should be provided as per RKVY guide lines.

The Committee approved the proposal with an outlay of Rs.100.00 lac subject to the condition that the observation of JS (RKVY) should be followed while implementation.

Item NO. 4.2.12 Project for post harvest handling of fruits and vegetables with plastic crates to improve their marketability in the state.

DH explained that post harvest losses of horticultural crops are very high. To avoid post harvest losses and to improve the marketability plastic crates would be supplied to the farmers at 50% subsidy. CA asked that of which size the


CHIEF SECRETARY
GOVERNMENT OF PUNJAB

crates would be supplied. DH informed that depending upon the demand of the farmers various size crates would be supplied.

The Committee approved the proposal with an outlay of Rs. 150.00 lac subject to the condition that MIDH norms should be followed while implementation.

Item NO. 4.2.13 Production of Disease Free Fruit and Vegetable Crops with the use of Agro-chemicals.

DH explained that agro-chemicals are integral of successful production of vegetable and fruit crops. The agro-chemicals recommended by PAU would be supplied to the farmers at 50% subsidy for the control of pests and diseases. The proposed budget outlay of this project is Rs. 404.00 lac.

The JS (RKVY) desired that the project has not been recommended by the Horticulture Division in the present form. The State may revise the proposal and resubmit.

The Committee agreed that the project may be revised as per observation of JS (RKVY) and with an outlay of Rs. 200.00 lac.

Infrastructure Assets

Item NO. 4.2.14 Project Proposal for the Establishment of Litchi Estate in Punjab.

DH informed that objective is to bring more area under high value Litchi crop by increasing profitability of the farmers through improvement in productivity & quality of this crop at minimal costs in its "Natural Growing Areas". Furthermore, extension services and training of farmers with respect to latest technologies and good quality planting material would be imparted. The total outlay of this project is Rs. 353.50 lac. JS (RKVY) remarked that the machinery component should be supported as per SMAM norms and one pack house and cold room should be support under MIDH to the extent of guidelines. The construction of building should be as per PWD norms.

The Committee approved the proposal with an outlay of Rs. 353.50 lac subject to the condition that the observation of JS (RKVY) should be followed while implementation.

Item NO. 4.2.15 Project Proposal for the Establishment of Pear Estate in Punjab.

DH explained that to increase area under Pear fruit by increasing profitability of the farmers through improvement in productivity & quality of this crop at minimal costs in its "Natural Growing Areas". He added that extension services and training of farmers with respect to latest technologies and good quality planting material would be imparted. The total outlay of this project is Rs. 480.00 lac and Rs 250 Lac demanded for 2016-17. JS (RKVY) remarked that the machinery component should be supported as per SMAM norms and one pack house and cold room should be support under MIDH to the extent of guidelines. The construction of building should be as per PWD norms.

30-11-17

CHIEF SECRETARY
GOVERNMENT OF PUNJAB

The Committee approved the proposal with an outlay of Rs. 480.00 lac and Rs. 250.00 lac for 2016-17 subject to the condition that the observation of JS (RKVY) should be followed while implementation.

Item NO. 4.2.16 Project Proposal for Establishment of Govt. Potato Seed farm, Ladowal (Ludhiana).

DH expressed that development of infrastructure and production of high quality vegetables seeds/seedlings of hybrid and open pollinated varieties, development of infrastructure for production of hi-tech nurseries in poly-house, development, maintenance and multiplication of parental lines of hybrids this proposal is proposed. This can be achieved through adoption of conventional and micro-propagation technique. The outlay of this project is Rs. 201 lac. JS (RKVY) observed that the proposal is supported as per RKVY guidelines but cost norms as per NMSA, SMAM and PWD should be followed while implementing various components.

The Committee approved the proposal with an outlay of Rs.201.00 lac.

Item NO. 4.2.17 Project Proposal for the Establishment of Guava Estate in Punjab

DH explained that to increase area under Guava fruit by increasing profitability of the farmers through improvement in productivity & quality of this crop at minimal costs in its "Natural Growing Areas". He added that extension services and training of farmers with respect to latest technologies and good quality planting material would be imparted. JS (RKVY) remarked that the machinery component should be supported as per SMAM norms and one pack house and cold room should be support under MIDH to the extent of guidelines. The construction of building should be as per PWD norms.

The Committee approved the proposal with an outlay of Rs.260.00 lac subject to the condition that the observation of JS (RKVY) should be followed while implementation.

Item NO. 4.2.18 Project Proposal for Setting up of Hi-tech Vegetable Nurseries.

DH apprised that Hi-tech nurseries would be established to enable the fruit and vegetable growers' cheaper and easy accessibility of seeds and seedlings of various crops. The total outlay of this proposal is Rs 345.0 lac.

JS (RKVY) observed that vehicle is not admissible as per RKVY guidelines. Further, the project should be supported to the extent of RKVY and MIDH guidelines. The construction should be supported as per PWD norms.

After discussion, it was decided to approve the project in principle with an outlay of Rs. 345.00 lac and Rs. 200.00 lac for 2016-17 and the proposal may be revised as per these observations.

Item NO. 4.2.19 Project for establishment of "Centre of Potato Expertise" in Punjab.

DH informed that last year this proposal was deferred by the SLPSC, however there is great need to establish Centre of Potato Expertise at Ladowal. CA



CHIEF SECRETARY
GOVERNMENT OF PUNJAB

asked Vice Chancellor PAU to comment upon this issue, he replied that report would be sent shortly. The outlay of this project is Rs. 863.55 lac and Rs. 530.25 lac required for 2016-17.

The proposal was deferred.

D Punjab Agro Industries Corporation Ltd

I Infrastructure Assets

Item NO. 4.2.20 Proposal for setting up of Fruits and Vegetables Pack House at Malerkotla, Sangrur.

The GM PAIC informed that it has been proposed to establish Pack Houses with an outlay of Rs 225.00 lac.

The Committee agreed to support the proposal with an outlay of Rs.225 lac and Rs 150.00 lac for 2016-17 as per MIDH norms.

Item NO. 4.2.21 Printing and Publication of Utility Literature for dissemination of Information on Organic farming

GM PAIC informed that the proposal has been prepared for printing the publicity material to create awareness about organic farming.

The Committee approved the proposal with an outlay of Rs 5.00 lac.

Item NO. 4.2.22 Specialised Storage Structure Systems for Organic Produce.

GM PAIC informed that the Organic Council has informed that specialized storage facilities would be set up to store organic produce. She further added that capacity of the one cocoon is 100 MT and 10 cocoons would be proposed to be set up with an outlay of Rs 90.00 lac. However, JS (RKVY) asked that as per guidelines of ISAM only Rs 87.50 lac should be supported i.e. @ Rs.875/- per MT for a godown up to 1000 MT.

The Committee approved this proposal with an outlay of Rs 87.50 lac.

Item NO. 4.2.23 Establishment of Kinnow Packing & Sorting facility.

GM, Punjab Agro told that Kinnow packing and sorting facilities would be provided. JS (RKVY) asked that only 25% subsidy of Rs 280.00 crore would be eligible and supported as the assistance @ 25% is available under AMI sub scheme of ISAM. It is therefore eligible subsidy is Rs. 70.00 lacs (25% of Rs 2.80 crores)

The Committee approved in principle with an outlay of Rs 70.00 lac.

II Production Growth

Item NO. 4.2.24 Organic Adoption and Certification- Adoption of area to save soil health and environment including printing and publication of utility literature of component of enhancement of soil.

Consultant, Organic Council informed that 1000 ha area would be taken under organic farming. The proposal has two parts, one is adoption and the other is certification of the farmers' produce. She apprised that farmers are still making injudicious use of pesticides especially on vegetables. JS (RKVY) remarked that this proposal is supported to the extent of PKVY norms only.


CHIEF SECRETARY
GOVERNMENT OF PUNJAB

The Committee approved the proposal with an outlay of Rs 200.00 lac in principle subject to adhering to the PKVY norms.

E Animal Husbandry

Production Growth

Item NO. 4.2.25 To enhance the productivity of dairy cattle by importing High Genetic Merit Semen.

DAH informed that the technical manpower of department performs an about 20 lac artificial Insemination in a year with. He further added that Imported Semen has helped a lot to improve the breeds of the cows. With this objective the quality semen would be imported through global tendering. The total outlay of the proposal is Rs.95.00 lac for the purchase of one lac doses. These doses would be supplied at 50% subsidy to the farmers.

JS (DAHD&F) observed that imported straws may be purchased from State resources and the full recovery of AI may be collected from the beneficiary as this component is not covered under RKVY guidelines. The ACS(AH) explained that the supply of quality semen is a must to improve the yield of cattle and sufficient resources are not available with the State for this purpose.

After detailed deliberations, the Committee approved the project with an outlay of Rs.95.00 lac.

Item NO. 4.2.26 Provision of Sexed Semen of High Genetic Merit to enhance the productivity in a speedy manner and to control the menace of unwanted male calves.

DAH apprised that to get rid of unwanted male calves sexed semen would be imported and 50,000 doses of sexed semen would be purchased through global tendering. These doses would be supplied at 50% subsidy to the farmers. The total cost of this project is Rs 334.60 lac. CA asked that whether any project has got been third party evaluated. DAH replied that only one project has been Third Evaluated.

JS (DAHD&F) observed that the physical target for the production of elite heifers not mentioned in the proposal. Further, imported straws may be purchased from State resources and the full recovery of AI may be collected from the beneficiary as this component is not covered under RKVY guidelines. The ACS(AH) explained that the use of sexed semen is to be promoted to have good progeny females to improve the yield of cattle and the department needs to be supported for this purpose.

After detailed discussions, the Committee approved the project with an outlay of Rs.335 lac.

Item NO. 4.2.27 Reproductive Health Management to optimize fertility in animals.

DAH informed that the amongst the other reasons of infertility, micro-nutrient deficiency is also one of the major factor. For up-keeping the general health of the animals these milch animals are to be regularly administrated with dewormers and other general medicines along with the hormones to synchronize the silent heat of the animals. The outlay of this proposal is Rs 100.00 lac.


CHIEF SECRETARY
GOVERNMENT OF PUNJAB

JS (DAHD&F) observed that the proper record of animals treated in the camp for infertility may be maintained and treated animal shall be inseminated using elite semen.

The Committee approved the project with an outlay of Rs.100 lac.

Item NO. 4.2.28 Herd Registration of Elite animals.

DAH apprised that Punjab Herd Registration Act has been enforced. Under this act all the elite animals would be identified and registered and the owners would be suitably incentivized. The record of various parameters would be kept. The outlay of this project is Rs 282.3 lac.

JS (DAHD&F) remarked that the scheme may be implemented as per the cost estimates of CHRS and data may be uploaded on the INAPH data base.

The Committee approved the project with an outlay of Rs.100 lac subject to the condition that the observation of JS (RKVY) should be followed while implementation.

Item NO. 4.2.29 Goat development in the State.

DAH informed that goat farming is an occupation being adopted by landless agriculture labourers. To uplift their living standards by providing 200 goat units (40 Does+2Bucks) would be established in the state with an outlay of Rs 210 lac.

JS(DAHD&F) desired that in the absence of comments from the concerned branch of the department the proposal may be deferred and taken up in next SLSC.

After detailed discussions, the Committee approved the project in principle with an outlay of Rs. 210.00 lac, however, it was desired that the comments of the department shall be obtained and taken care of during its implementation.

Item NO. 4.2.30 Pig development in the State.

DAH explained that piggery is a remunerative subsidiary occupation and some of the farmers are taking up it as a primary occupation. He further added that three pronged activities are being bolstered viz. Strengthening of existing pig breeding farms and setting up of piggery units and import of quality semen. The total outlay of this project is Rs 400.00 lac.

JS(DAHD&F) remarked that a proposal to strengthen Pig Breeding Farm has been submitted under National Livestock Mission as such this component is not supported. The other components may be implemented subject to adherence to DEDS norms.

After detailed discussions, the Committee approved the project in principle with an outlay of Rs. 400.00 lac, however, it was desired that efforts to obtain funds under NLM for Pig Breeding Farms be made.



CHIEF SECRETARY
GOVERNMENT OF PUNJAB

Item NO. 4.2.31 To enhance the production by import of animals, semen and embryos of high genetic merit bulls of cattle and buffalo.

DAH informed that it is propose to import live elite indigenous breeds from other states, to conserve, preserve and develop the breeds of Gir, Sahiwal cattle and Nili Ravi buffalo. For this purpose, a sum of Rs.1320.00 lac is required.

JS (DAHD&F) stated that the proposal should be submitted to Govt. of India for their comments.

The Committee approved the project in principle with an outlay of Rs. 1320.00 lac and desired that it should be followed with GoI and a DPR may be prepared keeping in view the comments of DAHD&F and put up in the next SLSC meeting.

Infrastructure Assets:

Item NO. 4.2.32 Establishment of Elite Buffalo germ plasm Centre.

DAH stated that it proposed to set-up an Elite Buffalo Germplasm Centre in the State to provide superior germ-plasm to the farmers to enhance the milk productivity of buffalo with an outlay Rs.4000 lac.

JS (DAHD&F) stated that the proposal should be submitted to Govt. of India for their comments.

The Committee approved the project in principle with an outlay of Rs.4000 lac and desired that it should be followed with GoI and a DPR may be prepared keeping in view the comments of DAHD&F and put up in the next SLSC meeting.

Item NO. 4.2.33 Upgradation of Punjab Vety. Vaccine Institute by establishing Viral Vaccine Laboratory as per GMP Norms.

DAH stated that it is proposed to strengthen Viral Vaccine Laboratory as per GMP Norms to provide high quality viral vaccines, manufacturing of new vaccines for protecting livestock from emerging livestock diseases with an outlay Rs.600 lac.

JS (DAHD&F) stated that the proposal should be submitted to Govt. of India for their comments.

The Committee approved the project with in principle an outlay of Rs 600.00 lac and desired that it should be followed with GoI and a DPR may be prepared keeping in view the comments of DAHD&F and put up in the next SLSC meeting.

Item NO. 4.2.34 Establishment of ETT/IVF laboratories at Ludhiana and Jalandhar and training of professional for IVF and ETT.

DAH stated that it is proposed to establish ETT/IVF laboratories at Ludhiana and Jalandhar for producing genetically superior bulls with an outlay Rs.400 lac.

JS (DAHD&F) stated that the proposal should be submitted to Govt. of India for their comments.

for
Dr
Chandul
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The Committee approved the project in principle with an outlay of Rs. 400.00 lac and desired that it should be followed with GoI and a DPR may be prepared keeping in view the comments of DAHD&F and put up in the next SLSC meeting.

Item NO. 4.2.35 Setting up of pre-quarantine station at Attari border to enhance the trade of livestock and livestock products to Pakistan and Middle East Asian countries.

DAH stated that it is proposed to set-up a pre-quarantine station at Attari border to enhance the trade of livestock and livestock products to Pakistan and Middle East Asian countries with an outlay Rs.200 lac.

JS (DAHD&F) stated that the proposal should be submitted to Govt. of India for their comments.

The Committee approved the project in principle with an outlay of Rs. 200.00 lac and desired that it should be followed with GoI and a DPR may be prepared keeping in view the comments of DAHD&F and put up in the next SLSC meeting.

F Dairy Development

Production Growth

Item NO. 4.2.36 Women empowerment through Dairy Farming.

Director Dairy Development (DDD) intimated that 400 women dairy units of varying number of animals (200 units of 2 animals; 150 units of 5 animals; and 50 units of 10 animals) both buffaloes and cows have been proposed to be set up. He added that the beneficiaries would be indentified in a transparent manner and they were got trained to adopt dairying as profession before sponsoring cases to the banks. The dairy units would be verified by the committee. The total outlay of this proposal is Rs 515.00 lac and 50% subsidy subject to maximum of Rs 30,000/- per animal would be given.

JS (DAHD&F) remarked that the norms of DEDS should be followed while implementing the proposal.

The Committee approved that proposal with an outlay of Rs. 515.00 lac subject to adhering to the DEDS norms.

Item NO. 4.2.37 Setting up dairy units with 2, 5 and 10 cattle of indigenous breeds.

Director Dairy Development (DDD) intimated that 400 dairy units of desi cows varying number of animals (200 units of 2 animals; 150 units of 5 animals; and 50 units of 10 animals) have been proposed to be set up. He added that the beneficiaries would be indentified in a transparent manner and they were got trained to adopt dairying as profession before sponsoring cases to the banks. The dairy units would be verified by the committee. The total outlay of this proposal is Rs 515.00 lac.

JS (DAHD&F) remarked that the norms of DEDS should be followed while implementing the proposal.

The Committee approved that proposal with an outlay of Rs. 515.00 lac subject to adhering to the DEDS norms.


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GOVERNMENT OF PUNJAB

Item No.4.2.38 Setting up dairy units with 2-10 high yielding milch animals(cow as well as Buffaloes).

Director Dairy Development (DDD) intimated that 5000 high yielding milch would be inducted in the herds, out of which 4000 animals would be inducted @ 25% subsidy or maximum of Rs 15,000 per animal to the general category farmers whereas 1000 animals would be inducted @ 33.3% or maximum of Rs 20,000 per animal to the farmers belong to scheduled castes. He added that the beneficiaries would be identified in a transparent manner. The dairy units would be verified by the committee. The total outlay of this proposal is Rs 800.00 lac.

JS (DAHD&F) remarked that the norms of DEDS should be followed while implementing the proposal.

The Committee approved that proposal with an outlay of Rs.800.00 lac subject to adhering to the DEDS norms.

Item NO. 4.2.39 Mechanization of Fodder/ Forage Harvesting.

DDD stated that mechanization is an integral part of the successful dairying. Under this proposal farmers would be supplied with single row fodder and forage cutter/harvesters. The total outlay of this project is Rs 102.00 lac, out of which Rs 52.00 lac and Rs 50.00 lac would be spent on single row fodder harvester and forage cutter/ harvesters respectively. JS(DAHD&F) observed that rate of both the harvesters should be fixed as per the prevailing rates in the market after following codal formalities. The selection of beneficiaries should be done in a very transparent manner.

The Committee approved this proposal with an outlay of Rs. 102.00 lac subject to the condition that during implementation, the observations of GoI should be followed.

Item NO. 4.2.40 Knowledge & Skill Development of Dairy Farmers.

DDD informed that objective of this proposal is to educate the farmers and encourage them to adopt dairy farming in a professional manner. He added that for orientation of the beginner dairy farmers they would be taken to the already established successful dairy entrepreneurs inter and intra State for sharing interchanging their view. For this purpose Rs 20.00 lac has been proposed. JS(DAHD&F) remarked that ATMA norms should be followed while visiting Inter-States.

The Committee approved the proposal with an outlay of Rs. 20.00 lac subject to adhering to the ATMA norms.

Item NO. 4.2.41 Facilitating direct marketing of milk by individual dairy farmers/ milk producer companies/ Self Help Groups.

DDD described that backward and forward linkage is necessary to develop dairy in the state. He said 25 automatic milk vending units and 15 pouch filling units would be supported at 50% subsidy or upper cap of Rs 4.00 lac to each unit. The total outlay of this proposal is Rs 160.00 lac.

JS(DAHD&F) remarked that a transparent procedure should be followed for selection of beneficiaries and the assistance @ 25% as per the guidelines of AMI sub scheme of ISAM should be followed.

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The Committee approved the proposal with an outlay of Rs 160.00 lac subject to adhering to the ISAM norms.

Infrastructure Assets

Item NO. 4.2.42 Improvement of Animal Housing.

DDD described that scientific method for animal housing proposed by the GADVASU is being replicated by providing 25% subsidy on sheds and 250 sheds are proposed to be constructed for more than ten buffalos and 150 shed would be constructed for five or more than five buffalos. The total outlay of this project is Rs 542.00 lac. He added that this housing system helps to protect the animal from heat and other stresses.

JS (DAHD&F) remarked that the comments from the department may be obtained and should be followed while implementing the proposal.

The Committee approved the proposal in principle with an outlay of Rs 542.00 lac and desired that it should be implemented after preparing the DPR in view of comments of DAHD&F.

Item NO. 4.2.43 Establishment of One New Dairy Training & Extension Centre at Abohar.

DDD intimated that eight training centres are working in the state at various places and offering one month and six month and weekly training courses for interested farmers who are willing to adopt dairying. One such type of training Centre is proposed to be set up at Abohar to cater the demand of the bordering areas.

The Committee approved this proposal with an outlay of Rs. 300.00 lac subject to adherence to RKVY guidelines.

Item NO. 4.2.44 Strengthening of information, education and training facilities.

DDD informed that creating milk consumers' & feed users' awareness this proposal is proposed with an outlay of Rs 50.00 lac.

JS(DAH&F) remarked that this proposal is very sketchy and does not outline the detailed interventions and expected outcomes.

The Committee approved the project in principle with an outlay of rs. 50.00 lac and desired that it should be followed with GoI and a DPR may be prepared keeping in view the comments of DAHD&F and put up in the next SLSC meeting.

G Fisheries

Item NO. 4.2.45 Establishment of four new Govt. Fish Seed Farms in inland saline and water-logged areas of Dist. Sh. Mukatsar Sahib and Fazilka.

ACS(AH) explained that the department has 14 very old fish farms being run under the patronage of the department. He said that these farms were set up in 1967-66 and 2 new farmers would be established at Sh Mukatsar sahib and Fazilka. The total outlay of this project is Rs 2020.00 lac.

The Committee approved the proposal with an outlay of Rs. 2020.00

CHIEF SECRETARY
GOVERNMENT OF PUNJAB

Item NO. 4.2.46 Establishment of Fish Feed Mill for Feed Formulation Demonstration to Fish Farmers

ACS(AH) informed that fish feed is mostly managed with the available rice bran and oil cake in the state. However, like all other animals fish too need balanced feed for its development. It is therefore, to promote feeding of balanced feed to the fish it is proposed that fish feed mill for producing pellet feed should be established at government fish farms. The outlay of this project is Rs 182.00 lac.

The Committee approved the proposal with an outlay of Rs. 182.00 lac.

H. MILKFED

Production Growth

Item NO. 4.2.47 Proposal for enhancing income level of the small farmers and Rural Landless Workers in Punjab through Buffalo Breed Improvement & Management Programme.

MD, MILKFED explained that similar proposal was implemented since 2007 and very fruitful results have been obtained. Moreover, the same project was evaluated by Centre for Research in Rural and Industrial Development (CRRID) and proposed to be replicated throughout the state. Further, he told about 2.45 kg milk per animal has increased. Now, 800 IBDCs would be set up with an outlay of Rs 12368.46 lac.

ACS(AH) apprised the house that similar work is being done by their technical staff it is therefore it would be overlapping of efforts. MD explained that the staff engaged by Milkfed works even in odd hours contrary to the departmental staff. Moreover, the staff has been incentivized for production of calves.

The Chairman desired that MD, Milkfed may arrange a meeting between ACS (AH) and FC (Coop.) and then a revised proposal may be put to the SLSC. However, it was agreed in principle to provide for the outstanding liability of earlier IBDC project for which a proposal may be put-up in the next SLSC meeting.

I Sugarfed

Item NO. 4.2.48 Strengthening of Tissue Culture Laboratory for Production of Tissue Cultured Plantlets of Sugarcane.

Chief Cane Development Officer, Sugarfed apprised that presently all mills have seedling production capacity of 2.5 lac per year. Therefore, to increase capacity of the existing tissue culture laboratories and establishing new laboratories this proposal was submitted during 2015-16 and approved by 14th SLSC. The total outlay of this proposal is Rs 1073.49 lac

The Committee approved the proposal in principle with an outlay of Rs 1073.49 lac and Rs. 256.36 lachas been approved for 2016-17. It is desired by the Committee that initially existing Tissue Culture Lab at Sugar Mill, SBS Nagar should be strengthened.

J Punjab Agricultural Management and Extension Training Institute (PAMETI)

Item NO. 4.2.49 Enhancing the efficiency of extension functionaries of State Agriculture & Allied department in using ICTs for better extension servicers.

Director PAMETI informed that the proposal provides for creation of infrastructure, which will be used for training of staff of Agriculture and other line departments. The building has already been constructed by a grant given by Department of Agriculture and Cooperation, GoI. He further added that Rs 34.36 lac is now needed to strengthen it.

The Committee approved the proposal with outlay of Rs.34.36 lac.

K. Agricultural Research

Item NO. 4.2.50 Efficient Technology Generation for Crop Improvement and Sustainable Use of Natural Resources (2016-17).

The Vice Chancellor, PAU thanked the Chairman for support to agricultural research and education in his opening remarks. Crop husbandry research is necessary for improving sustainability of State Agriculture and investment by way of more allocation of funds is of utmost importance. The VC, PAU informed that proposals for 2016-17 have been proposed to the tune of Rs 2323.85 lac, out of which 1183.90 lac is required to compete the projects already approved and Rs 1140.00 lac has been required to implement new proposals. He further informed that the ICAR has already given its consent for implementation of various projects proposed during 2016-17 as required under RKVY guidelines.

The Committee approved the proposal with an outlay of Rs. 2323.85 lac.

Item NO. 4.2.51 Inclusive Growth in Livestock and Dairy farming through technological interventions in Punjab.

Director Research, GADVASU explained that a plan of Rs 2524.18 lac has been proposed out of which Rs 2160.94 lac are for new research projects and Rs 363.24 have been required for completion of ongoing projects. He further enlisted the major thrusts viz. infertility amongst the milching animals, value addition is another aspect on which lot of work needs to be done, to diagnose blood borne disease, nutrition and surveillance are the key issues. He informed that NOC has been received from ICAR for pursuing the research projects.

The Committee approved this proposal with an outlay of Rs. 2524.18 lac.

Item NO. 5.0 Crop Diversification Programme:

DA intimated that an action plan for Rs 12992.50 lac has already been approved by Department of Agriculture and Cooperation, Govt. of India vide their letter dated 07.06.2016. The Action Plan provides for holding of cluster demonstrations, provision of suitable machinery on subsidy and site specific interventions to encourage the shift to alternate crops away from paddy. As per the guidelines of RKVY, the Action Plan of CDP has to be ratified by the SLSC.

The Committee approved Action Plan for CDP for 2016-17.

Item NO. 6.0 Support to State Extension Programme:

DA apprised that a State plan of Rs 3334.59 lac has been submitted to GoI under Support to State Extension Programme. JS (RKVY) remarked that SEWP 2016-17 approved by the Chairman SLSC on file may be ratified with a total allocation of Rs 3183.33 lac.

The Committee ratified the allocation of Rs 3183.33 lac.

Supplementary Agenda:

Item No.7.0 Project Proposal for establishment of farm gate small cold stores in Punjab

DH explained that cold stores at farm gate are proposed to keep its freshness and quality intact. He also desired that this activity would help in increasing area under vegetable and fruit crops. The proposed outlay of this proposal is Rs 300.00 lac. JS (RKVY) asked that subsidy should be given as per the provisions of MIDH.

The Committee approved this proposal with an outlay of Rs 200.00 lac with a condition that norms of MIDH should be followed while implementation of this project.

The meeting ended with the vote of thanks to the chair.

**Chief Secretary
-cum-Chairman SLSC
Government of Punjab**

CHIEF SECRETARY
GOVERNMENT OF PUNJAB

Annexure-A

The list of participants attended the State Level Sanctioning Committee held under the chairmanship of Worthy Chief Secretary-cum-Chairman State level Sanctioning Committee on 30-08-2016 at 12.00 noon at Punjab Bhawan, Chandigarh.

Sr.No.	Name	Designation
1.	Dr.N.S.Kalsi, IAS	Additional Chief Secretary(Dev.)
2.	M.S.Sandhu, IAS	Additional Chief Secretary (Animal Husbandry)
3.	A. Venu Prasad, IAS	Principal Secretary (Power)
4.	A.Neeraja, IFS	Joint Secretary(RKVY) GoI
5.	Dr.A.G.V.Prasad	Joint Secretary(DAD&F) GoI
6.	Sukhvinder Singh, IAS	Special Secretary(Finance)
7.	Manjit Singh Brar, IAS	Managing Director(Milkfed)
8.	Dr. B.S.Dhillon	Vice Chancellor, PAU
9.	Dr. B.S.Sidhu	Commissioner Agriculture Punjab
10.	Saurav Gupta, IFS	Chief Conservator of Forest(HQ)
11.	Dr. Jasbir Singh Bains	Director of Agriculture Punjab
12.	Dr. S.N.S.Randhawa	Director of Research, GADVASU
13.	Shivdular Singh Dhillon	Director Food
14.	Usha Kant	Director Planning
15.	Gurkanwal Singh	Director Horticulture
16.	Dr.H.S.Sandha	Director Animal Husbandry
17.	Inderjit Singh	Director Dairy
18.	Sikander Singh	CGM, Mandi Board
19.	Er.Paramjit Singh	Additional SE, PSPCL
20.	Dr.B. Pateriya	Director PRSC, Ludhiana
21.	Dr.H.S.Dhaliwal	Director PAMETI, Ludhiana
22.	Harbaksh Singh	GM, Sugarfed
23.	Ranbir Singh	GM, Punjab Agro Industrial Corporation, Ltd
24.	Dr.Anil Sood	Head, ACMD, PRSC
25.	Paramjit Sharma	Deputy Director Planning
26.	Shivrajpal Singh	Deputy CCDO, Sugarfed
27.	Dr. Madhu Gill	Consultant Organic Council Punjab Agro

Annexure – B

List of Ongoing Projects to be taken up during 2016-17

Item No.	Agency	Name of the Project	SLSC approval and total outlay (Lac Rs.)	Year-wise Funds released (Lac Rs.)	Provision of funds for 2016-17 (Lac Rs.)
4.1.1	Punjab Remote Sensing Centre	Infrastructure Assets Satellite Remote Sensing Based District-wise Crop Acreage and Crop Condition Monitoring in Punjab (Total Outlay Rs 375.00 Lac)	8 th Meeting: 30.05.2011 Rs 375.00 lac	2013-14; Rs 50 Lac	107.00
4.1.2		Infrastructure Assets Proposal on Agro-Geoinformatics for Analysis and Management of Natural Resources with Respect to Agricultural Productivity.(Rs 294.42 Lac)	12 th Meeting: Rs 840.00 lac	2014-15: Rs. 50.00	462.08
4.1.3	Soil and Water Conservation	Production Growth Project for matching irrigation water availability and demand for improved productivity through Efficient On-farm Water Management(Solar Pumps, Water Storage Tanks , Micro Irrigation)	10 th Meeting: 14-08-2013: Rs 1000.00 Lac	--	1000.00
4.1.4		Infrastructure Assets Establishment of State Water Management Institute(SWAMI)	10 th Meeting: 14.08.2013 Rs 500.00	-	500.00
4.1.5	Animal Husbandry	Infrastructure Assets Strengthening of Punjab Veterinary Vaccine Institute According to the GMP Norms to Produce Quality Vaccines for Improvement of Livestock Health.	10 th Meeting; 14-08-2013 (2013-14 to 2015-16) Rs 2000.00 lac	2013-14; Rs. 15.00	1585.00
4.1.6		Infrastructure Assets Creation Of Advanced Livestock Health Services At District Level By Setting Up Of Three Veterinary Polyclinics In the newly Formed Districts Barnala, Pathankot And Fazilka	10 th Meeting; 14-08-2013 and 12th Meeting; 10-07-2014 Rs 645.00 lac (10th SLSC) Rs 300 Lac (12th SLSC) Total= 945.00 lac	2013-14; Rs.400.00 lac 2014-15; Rs. 285.88 lac Total =Rs. 685.88 lac	200.00
4.1.7		Infrastructure Assets Strengthening of Livestock Health Services by Providing Equipments and Energy Back-Up Systems in Vety. Institutions.	10 th Meeting; Rs 190.59 lac	Rs. 56.12	100.00
4.1.8		Infrastructure Assets Providing Specialized Livestock Health Care Services at Tehsil/ Block Level Hospitals.	10 th Meeting; 14-08-2013 (2013-14 to 2017-18) Rs 4575.00 Lac	2013-14; Rs. 200.00 2014-15; Rs. 10.45 lac Total = Rs. 210.45 lac	100.00
4.1.9		Infrastructure Assets Establishment of Infrastructure Facilities in New College of Veterinary Science at Rampura Phul (Bathinda)	11 th Meeting; 12-02-2014 (2013-14 to 2015-16) Rs 6960 lac	2014-15; Rs. 500.00 lac	2548.50


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4.1.10	Dairy Development	Infrastructure Assets Establishment of Dairy Training & Extension Centre, Sangrur	Rs 350.00 lac				150.00
4.1.11	Forest	Infrastructure Assets Fencing of Wild life Sancturries / Birs to Protect Crop damage by Wild animals					1034.00
4.1.12		Infrastructure Assets Establishment of a centralized clonal nursery for Eucalyptus at Ludhiana					332.00
Total							8118.58



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