

10 districts and 100% assistance would be provided on Rainwater Harvesting Structures in Kandi area.

1.2.23 An outlay of Rs.120.00 crore has been provided in 12th Five Year Plan and an outlay of Rs.48.00 crore is provided in the Annual Plan 2012-13 to cover area of 13000 ha.

Ongoing Schemes

Centrally Sponsored Scheme (100%)

SWC-03/2 Scheme for Special Problematic and Degraded Land in the State under Technology Development, Extension & Training (TDET)

Outlay – Rs.2.00 crore

1.2.24 Under this scheme, projects for reclamation of special problematic areas and degraded soils would be taken up by the Government of India under its Technology, Development, Extension and Training (TDET) programme.

1.2.25 Under the scheme, 100% GoI assistance is provided on the soil & water conservation works on the government/community lands. For private lands of farmers 60% GoI assistance is provided and the balance 40% is contributed by the beneficiaries. The major activities covered under these projects include drainage, flood water harvesting, bench terracing, land leveling, masonry drop structures, field bounding, plantation, sand scrapping, desilting of ponds, precision leveling and demonstration of high value crops etc.

1.2.26 Against an expenditure of Rs.3.73 crore during the 11th Five Year Plan, an outlay of Rs.10.00 crore has been provided in 12th Five Year Plan. Against an expenditure of Rs.1.36 crore during 2011-12, an outlay of Rs.2.00 crore is provided in the Annual Plan 2012-13.

1.3 ANIMAL HUSBANDRY

Outlay-Rs.92.06 crore

1.3.1 Livestock is an important sub-sector of agriculture in Punjab. Diversification of state agriculture through allied activities comprising animal husbandry, commercial dairying & fisheries has acquired added significance in the reduction of income disparities between rural and urban population. Livestock keeping along with marketing services, manufacture of livestock products, inputs and other subsidiary and supporting industries offer a great scope for gainful employment to the expanding labour force, small and marginal farmers and agricultural labour and thus helps to raise the standard of living of rural population especially of weaker sections of the society. Regional Disease Laboratory at Jalandhar caters to the need of seven Northern States. The Department has a vast network of veterinary institutions (Hospital and

Dispensaries). There are 19 Vety. Polyclinics, 1367 Hospitals and 1485 Dispensaries in the state to provide health cover to the animals. Out of 1367 Veterinary Hospitals, 582 Veterinary Hospitals were shifted to Panchayati Raj Institutions (PRI's) during the year 2006-07.

1.3.2 Against an expenditure of Rs.91.56 crore during the 11th Five Year Plan, an outlay of Rs.284.01 crore has been provided in 12th Five Year Plan. Against an expenditure of Rs.11.43 crore during 2011-12, an outlay of Rs.92.06 crore is provided in the Annual Plan 2012-13 for the implementation of following schemes:-

Ongoing Schemes

Centrally Sponsored/funded Schemes

AH-01/2 Assistance to States for control of animal diseases-creation of Disease Free Zone (75:25)

Outlay-Rs.1.25 crore

1.3.3 In order to keep the state free of livestock and poultry diseases, extensive vaccination against various diseases will be carried out throughout the state. The State Biological Production Institute will be modernized and state diagnostic labs will also be upgraded. In addition, training programmes for Vets/Para Vets and state/block level awareness camps will be organized as per GoI guidelines. It is also proposed to carry out vaccination programme against Foot & Mouth Disease in all the districts. Efforts will be made to control the exotic diseases like Avian Influenza etc.

1.3.4 Against an expenditure of Rs.8.11 crore as 90% Government of India's share and Rs.2.64 crore as 10% state share during the 11th Plan, an outlay of Rs.13.50 crore as 90% Government of India share and Rs.4.50 crore as 10% state share has been provided in the 12th Five Year Plan. Against an expenditure of Rs.51.56 lac as 90% Government of India's share and Rs.14.55 lac as 10% state share during 2011-12, an outlay of Rs.3.75 crore as 90% Government of India's share and Rs.1.25 crore as 10% state share is provided in the Annual Plan 2012-13.

AH-02/4 Integrated Sample Surveys for cost assessment of production of milk and eggs (50:50)

Outlay- Rs.50.00 lac

1.3.5 The cost studies are very useful in formulating policies relating to the procurement price, trade control, subsidization, tariff determination etc. It also helps in assessing the cost of production of milk and eggs. It is proposed to carry out the study by engaging staff on contract basis in the state to ascertain fluctuations in cost of production on the basis of area.

1.3.6 Against an expenditure of Rs.35.98 lac each as 50% Government of India's share and 50% state share during the 11th Plan, an outlay of Rs.2.50 crore each as 50% Government of India share and 50% state share has been provided in the 12th Five Year Plan. Against an expenditure of Rs.6.35 lac each as 50% Government of India's share and 50% state share during 2011-12, an outlay of Rs.50.00 lac each as 50% Government of India's share and 50% state share is provided in the Annual Plan 2012-13.

AH-03/11 Professional Efficiency Development through strengthening of Punjab Veterinary Council (50:50)

Outlay-Rs.20.00 lac

1.3.7 The objective of the Punjab State Veterinary council is to regulate the veterinary practice, maintain the professional standards and to advise the state regarding improvement of quality services in the field of veterinary profession.

1.3.8 Against an expenditure of Rs.51.50 lac as 50% Government of India's share and Rs.51.50 lac as 50% state share during the 11th Plan, an outlay of Rs.1.00 crore each as 50% Government of India share and 50% state share has been provided in the 12th Five Year Plan. An outlay of Rs.20.00 lac each as 50% Government of India share and 50% state share is provided in the Annual Plan 2012-13.

AH-04/25 Establishment and Strengthening of existing Vety. Hospitals and Dispensaries (75:25)

Outlay-Rs.3.00 crore

1.3.9 Presently, the Department of Animal Husbandry is extending Animal Health Care Service to livestock owners through 1367 Veterinary Hospitals (out of these 582 Vety. Hospitals have been transferred to Zila Parishads), 1485 Veterinary Dispensaries and 19 Veterinary Polyclinics. Majority of these institutions are in dilapidated condition and need repair/renovation. On the basis of recommendation made by the National Commission on Agriculture in 1976, Government of India implemented a new scheme 'Establishment and Strengthening of Existing Veterinary Hospitals and Dispensaries' on 75:25 sharing basis during 2010-11, and utilized Rs.5.33 crore for construction of 21 veterinary dispensaries and repair of 45 veterinary hospitals. During the year 2012-13, it is proposed to construct buildings of 20 Veterinary Dispensaries, 20 Veterinary Hospitals and Strengthening/renovation of 60 Veterinary Dispensaries and 40 Veterinary Hospitals.

1.3.10 Against an expenditure of Rs.4.00 crore as 75% Government of India's share and Rs.1.33 crore as 25% state share during the 11th Plan, an outlay of Rs.45.00 crore as 75% Government of India share and Rs.15.00 crore as 25% state share has been provided in the 12th

Five Year Plan. An outlay of Rs.9.00 crore as 75% Government of India's share and Rs.3.00 crore as 25% state share is provided in the Annual Plan 2012-13.

AH-05/27 Assistance to State Poultry Farm-Strengthening of Government Poultry Farms(80:20)

Outlay- 10.00 lac

1.3.11 Under this scheme large number of female and male of selected parents flock will be reared at poultry farm, Kotkapura and day old chicks produced will be distributed to the target group. It is proposed to propagate low input technology birds and Japanese quail by strengthening the government poultry farm, Kotkapura. Main objective is to supplement the income and improve nutritional status by backyard rural poultry production.

1.3.12 From 2011-12 onwards, the scheme has been converted from 100% CSS to 80:20 sharing scheme. An outlay of Rs.2.00 crore as 80% of GoI share and Rs.50.00 lac as 20% state share has been provided in the 12th Five Year Plan. An outlay of Rs.40.00 lac as 80% Government of India's share and Rs.10.00 lac as 20% state share is provided in the Annual Plan 2012-13.

AH-6/24 Renovation & Upgradation of Veterinary Institutions in the State (ACA 2010-11)

Outlay-Rs.20.00 crore

1.3.13 The Department of Animal Husbandry is engaged in providing health care and breeding services to the indigenous and exotic animals being reared by the farmers of the state. The department is having a network of 1367 Veterinary Hospitals and 1485 Veterinary Dispensaries in the State. Presently, the buildings of majority of these institutions (Veterinary Dispensaries, Hospitals and Polyclinics) are in poor condition and their repair & renovation is required to extend better services to the farmers.

1.3.14 An amount of Rs.20.00 crore would be required to repair/renovate/addition/alteration of buildings of veterinary institutions as per detail given below:-

(Rs in Crore)

S.No.	Institutes	Numbers	Cost (Appr)
1.	Dispensaries	1000	12.00
2.	Hospitals & Veterinary Polyclinics	400 & 10	8.00
Total :			20.00

1.3.15 An amount of Rs.20.00 Crore as an ACA has been provided by the Planning Commission during 2010-11. No expenditure has been incurred so far. An outlay of Rs.20.00 crore has been provided in 12th Five Year Plan as well as Annual Plan 2012-13.

AH-07/23 Upgradation of Vety. Institutions in the State under RIDF-XVII (NABARD)(90:10)

Outlay –Rs.13.00 crore

1.3.16 NABARD has approved a new project at a total cost of Rs.24.73 crore under RIDF-XVII for up-gradation of Veterinary Dispensaries by providing latest equipment and other related items, construction of building of 48 veterinary hospitals, establishment of Regional Multi-disciplinary Training & Extension Centre at Jalandhar.

1.3.17 An outlay of Rs.25.00 crore has been provided in 12th Five Year Plan and an outlay of Rs.13.00 crore is provided in the Annual Plan 2012-13.

AH-08/28 Construction of Civil Infrastructure for Guru Angad Dev Vety. Animal Science University(GADVASU)(NABARD)(80:20)

Outlay- Rs.16.00 crore

1.3.18 For provision/development of infrastructural facilities of GADVASU, NABARD has approved a project during 2011-12. The total cost of the project would be Rs.40.00 crore which would be in the ratio of 80:20(NABARD:State). The funds would be provided as under:-

(Rs.crore)

SN	Name of the work	District	NABARD share	State share	Total
1	College of Fisheries	Ludhiana	6.62	0.35	6.97
2	Milk Plant(Demonstration Unit)	Ludhiana	3.37	0.18	3.55
3	School of Animal Bio-technology	Ludhiana	9.63	0.50	10.14
4	Vet Referral Hospital	Ludhiana	14.62	0.77	15.39
5	Directorate of Extentions	Ludhiana	3.76	0.20	3.95
	Total		38.00	2.00	40.00

1.3.19 An amount of Rs.40.00 crore and Rs.16.00 crore has been provided in 12th Five Year Plan and Annual Plan 2012-13 respectively.

AH -09/20 Setting up of new polyclinics and strengthening of Vety. Institutions in the State under RIDF- XIV (NABARD)(90:10)

Outlay -Rs.6.00 crore

1.3.20 The infrastructure available at the veterinary hospitals in the state is quite old and outdated. The equipments provided to hospitals need replacement. NABARD had approved a project to set up 3 new veterinary polyclinics at Ludhiana, SBS Nagar & Tarn Taran and to strengthen the existing institutions by providing latest equipments at a cost of Rs.1964.69 lac with NABARD share: Rs.1792.38 lac and state share : Rs.172.31 lac. The detail of works undertaken is as follows:-

(Rs.crore)

S.No.	Paticulars	Amount
A	Upgradation of existing 10 Veterinary Polyclinics and 782 hospitals by providing latest equipments, diagnostic and surgical equipment and other items.	14.90
B	Construction of 3 New Veterinary Policlinics at Ludhiana, SBS Nagar and Tarn Taran.	4.75
	Total:	19.65

1.3.21 Against an expenditure of Rs.13.70 crore during the 11th Five Year Plan , an outlay of Rs.15.00 crore has been provided in 12th Five Year Plan. An outlay of Rs.6.00 crore is provided in the Annual Plan 2012-13.

AH-10/9 Up-gradation and Strengthening of existing veterinary institutions by providing infrastructure & equipment and construction of new Vety. Polyclinic under RIDF -XIII (NABARD)(80:20)

Outlay- Rs.20.00 lac

1.3.22 Animal Husbandry sector is facing hurdles like prevalence of number of deadly, contagious and newly emerging livestock diseases along with the low productivity of our native breeds. The department of Animal Husbandry is making all efforts to enhance the animal productivity through a network of 19 veterinary polyclinics, 1367 veterinary hospitals and 1485 veterinary dispensaries, two livestock breeding farms and two semen banks. To provide multi-specialty and referral services to the precious livestock, the project was approved by NABARD at a total cost of Rs.13.82 crore with the contribution of NABARD share Rs.10.46 crore (80%) and State Share Rs.3.36 crore (20%). During 11th plan period, these institutions have been upgraded under this project and 4 new Veterinary Polyclinics one each

at Fatehgarh Sahib, Kapurthala, SAS Nagar and Jalandhar and 19 Veterinary Hospitals at Tehsil level in the State have been constructed.

1.3.23 To meet the pending liabilities against an expenditure of Rs.13.79 crore during the 11th Five Year Plan , an outlay of Rs.1.00 crore has been provided in 12th Five Year Plan and an outlay of Rs.20.00 lac is provided in the Annual Plan 2012-13.

AH-11/6 Plan Assistance to Guru Angad Dev University Veterinary and Animal Sciences University (GADVASU) at Ludhiana

Outlay -Rs.23.00 crore

1.3.24 In order to focus research and development in the livestock sector, a separate veterinary and animal sciences university(GADVASU) has been set up at Ludhiana from 6th April, 2006. The mandate of the University is to impart education and training in different disciplines of veterinary, animal husbandry, fishery and dairy science and to provide research and development support for generation and dissemination of technologies and knowledge for growth of livestock sector. To achieve these goals, College of Dairy Science and Technology was established to meet the man power requirements for milk processing industry and for evolving and transfer of appropriate milk processing technologies. Similarly, the College of Fisheries was started in 2008. It is the only college in Northern India which is well equipped to undertake teaching, research and training in fisheries. GADVASU has also established regional livestock research and training centre and a veterinary polytechnic at Kaljharani, district Bathinda.

1.3.25 Against an expenditure of Rs.52.20 crore during the 11th Five Year Plan, an outlay of Rs.115.00 crore has been provided in 12th Five Year Plan. Against an expenditure of Rs.10.00 crore during 2011-12, an outlay of Rs.23.00 crore is provided in the Annual Plan 2012-13.

AH-12/8 Development of Piggery Sector in the State

Outlay-Rs.50.00 lac

1.3.26 The total pig population in Punjab is around 1.20 lakh and 70% of this population is having exotic blood and the rest are still indigenous desi pigs. Presently, about 1500-2000 piglets of superior germplasm are being produced at existing pig breeding farms for further supply to the beneficiaries for fattening/breeding. The demand for piglets has increased but the present strength of breedable stock maintained at farms is not in a position to meet the enhanced demand of piglets. Upgradation of native breed would be made possible through intensive breeding with exotic pigs having superior germplasm at government pig breeding farms in the state. At these farms, piglets having high genetic value in terms of high

prolificacy, better feed conversion ratio and good meat quality are produced and supplied to the labourers, low economic groups, marginal farmers and to other persons interested in pig farming at reasonable rates.

1.3.27 Against an expenditure of Rs.98.33 lac during the 11th Five Year Plan , an outlay of Rs.2.50 crore has been provided in 12th Five Year Plan. Against an expenditure of Rs.41.56 lac during 2011-12, an outlay of Rs.50.00 lac is provided in the Annual Plan 2012-13.

AH -13/13 Animal Husbandry Extension and Training Programme

Outlay -Rs.2.20 crore

1.3.28 The main objective of the scheme is to provide opportunities to un-employed educated youth for self employment in rural areas. This will help in uplifting the standard of living of poor livestock breeders/farmers living below the poverty line. Animal welfare camps, exhibitions are being organized and advertisements through local newspapers are being published to make the public aware of preventive measures and first aid treatment to animals.

1.3.29 Training is also imparted to officers in the field of management and for the implementation of various schemes of the department from time to time. Extension and training programmes will be implemented in the following manners:-

- a. Disease Control Programme Campaign.
- b. Awareness campaign in management of animals/birds.
- c. Training component campaign.
- d. Animal welfare camps campaign.

1.3.30 Against an expenditure of Rs.21.79 lac during the 11th Five Year Plan , an outlay of Rs.11.00 crore has been provided in 12th Five Year Plan. Against an expenditure of Rs.6.74 lac during 2011-12, an outlay of Rs.2.20 crore is provided in the Annual Plan 2012-13.

AH-14/15 Development of other livestock like Poultry, Goat, Sheep and Turkey etc. in the State

Outlay-Rs.50.00 lac

1.3.31 The main objective of the scheme is to uplift the small farmers of weaker sections of the society, scheduled castes and backward classes. They would be trained to take up poultry, piggery and sheep farming on small scale to supplement the family income with the help of family members. It is proposed to set up goat-breeding farms in the state. Financial Assistance will also be provided to set up poultry, sheep, goat and turkey units to the breeders. Besides, elementary training in poultry, turkey, farming, piggery etc would be imparted.

1.3.32 Against an expenditure of Rs.35.79 lac during the 11th Five Year Plan , an outlay of Rs.3.00 crore has been provided in 12th Five Year Plan. Against an expenditure of Rs.27.51 lac during 2011-12, an outlay of Rs.50.00 lac is provided in the Annual Plan 2012-13.

AH-15/17 Development of Fodder Resources and its Processing

Outlay- 60.00 lac

1.3.33 Milk production could be doubled with the available livestock in the state if balanced feeding of dairy animals is practiced. Green fodder is the cheapest source of milk production. At present, 23 Kg green fodder per adult unit is available daily against the optimum requirement of 40 Kg. Under this scheme, farmers will be persuaded to grow balanced fodder through awareness camps, supply of fodder mini-kits, audio visual aids, etc. It is proposed to establish 3 new fodder seed processing units in the state as it is not possible to bring the whole seed at Kulemajra farm for gradation, leveling packing etc.

1.3.34 Against an expenditure of Rs.68.34 lac during the 11th Five Year Plan , an outlay of Rs.3.00 crore has been provided in 12th Five Year Plan. Against an expenditure of Rs.28.39 lac during 2011-12, an outlay of Rs.60.00 lac is provided in the Annual Plan 2012-13.

New Scheme

State Funded Scheme

AH-17 Grant-in-aid to Animal Welfare Board of Punjab

Outlay- Rs.5.00 crore

1.3.35 There is a dire need to check the increased number of stray animals, stray dogs and effective implementation of various acts/laws specially meant for this purpose and provide facilities for rehabilitation of animals. Under this scheme grant-in-aid would be provided to Animal Welfare Board of Punjab, so that it could help in implementing the laws/acts by providing financial assistance to the NGOs.

1.3.36 An outlay of Rs.25.00 crore and Rs.5.00 crore has been provided in the 12th Five Year Plan and Annual Plan 2012-13 respectively.

Centrally Sponsored Schemes (100%)

Ongoing Schemes

CS(AH)-06/1 National Project on Rinderpest Eradication

Outlay -Rs.40.00 lac

1.3.37 The main objectives of the scheme are to strengthen the disease diagnostic capability of the state laboratories and to carry out the activities of National Project on Rinderpest Eradication in order to satisfy the OIE (Office International Epizootes) specification

so as to keep the country free of rinderpest. It is envisaged to take up activities for increased livestock production and productivity, improved mobilization of economic and physical resources and effective animal health care and disease control.

1.3.38 Against an expenditure of Rs.66.64 lac during the 11th Five Year Plan , an outlay of Rs.3.00 crore has been provided in 12th Five Year Plan. Against an expenditure of Rs.10.44 lac during 2011-12, an outlay of Rs.40.00 lac is provided in the Annual Plan 2012-13.

CS(AH)-07/2 Assistance to States for Integrated Piggery Development

Outlay – Rs.9.00 lac

1.3.39 The aim of the scheme is to strengthen pig breeding farms for production of quality piglets for distribution among the pig breeders belonging to the weaker sections of the society and other farmers in order to give an impetus to piggery development in the state.

1.3.40 An outlay of Rs.45.00 lac has been provided in 12th Five Year Plan and an outlay of Rs.9.00 lac is provided in the Annual Plan 2012-13.

CS(AH)-08/3 Livestock Census

Outlay-Rs.60.00 lac

1.3.41 The 18th quinquennial livestock census was carried out during 2007-08. As per the guidelines issued by Government of India with the existing sanctioned field staff of the department, the 19th Livestock Census is being started in 2012-13.

1.3.42 Against an expenditure of Rs.5.02 crore during the 11th Five Year Plan , an outlay of Rs.3.00 crore has been provided in 12th Five Year Plan. Against an expenditure of Rs.41.08 lac during 2011-12, an outlay of Rs.60.00 lac is provided in the Annual Plan 2012-13.

CS(AH)-09/4 Animal Disease, Management and Regulatory Medicines- Establishment of Regional Disease Diagnostic Lab– (Direct Release)

Outlay –Rs.20.00 lac

1.3.43 The Govt. of India, Ministry of Agriculture, Department of Animal Husbandry and Dairying has accorded approval for the setting up of Regional Disease Diagnostic Laboratory at Jalandhar. The laboratory is being set up as per international standards in technology to provide disease diagnostic facilities to the Livestock of Northern Indian states. After completion, the lab will facilitate quick diagnosis of animal diseases which will help in dispensing the right and economical treatment to the animals. It will conform to the norms of FAO and OIE and will be approved by the international institutes. Government of India provides 100% grants for additions/alterations in the buildings, supply of equipment, staff, traveling allowance for training & attending other seminars and other miscellaneous expenditure. This lab caters to the needs of Punjab, Haryana, Himachal Pradesh, Rajasthan,

Jammu and Kashmir, Chandigarh and Delhi. Keeping in view, the role of the institute to provide quick and accurate diagnosis of various livestock diseases, GoI directly release amount for the lab.

1.3.44 Against an expenditure of Rs.1.45 crore during the 11th Five Year Plan , an outlay of Rs.2.00 crore has been provided in 12th Five Year Plan. An outlay of Rs.20.00 lac has been provided in the Annual Plan 2012-13.

CS(AH)-10/5 Foot and Mouth Disease Control Programme

Outlay-Rs.2.00 crore

1.3.45 The main objective of this scheme is to take up intensive Foot and Mouth Disease control (FMD) Programme in the State for the control of foot and mouth disease.

1.3.46 Against an expenditure of Rs.2.53 crore during the 11th Five Year Plan , an outlay of Rs.10.00 crore has been provided in 12th Five Year Plan. Against an expenditure of Rs.91.12 lac during 2011-12, an outlay of Rs.2.00 crore is provided in the Annual Plan 2012-13.

CS(AH)-11/7 Conservation of threatened breeds of small ruminants, pigs, pack animals and equines

Outlay – 50.00 lac

1.3.47 The main objective of the scheme is to conserve threatened breeds of small ruminants, pigs, pack animals and equines. The scheme would be implemented through Punjab Livestock Development Board and the amount will be provided as grant-in-aid to the board.

1.3.48 An outlay of Rs.2.50 crore has been provided in 12th Five Year Plan and an outlay of Rs.50.00 lac is provided in the Annual Plan 2012-13.

CS (AH)-12/9 Bio-Technology Research Projects under Fodder Development

Outlay-Rs.20.00 lac

1.3.49 The main objective of the scheme is to improve the productivity of fodder crops. At present, approximately 23 Kg. of fodder per animal is available against the requirement of 40 Kg. The gap between demand and supply is likely to widen further due to increased pressure as a result of growing more foodgrains, oilseeds and commercial crops. Therefore, research work will be carried out to improve the genetic potential of fodder crops. The suitable varieties of fodder crops will be evolved by Punjab Agricultural University,

Ludhiana and new seeds of high yielding fodder varieties produced as a result of research work will be distributed among farmers to increase the green fodder production in the State.

1.3.50 An outlay of Rs.2.00 crore has been provided in 12th Five Year Plan and an outlay of Rs.20.00 lac is provided in the Annual Plan 2012-13.

CS (AH)-13/19 National Control Programme on Brucellosis

Outlay - Rs.1.00 crore

1.3.51 Brucellosis is one of the major infectious disease of livestock caused by Brucellosis Organism. It causes abortions in the last quarter of pregnancy causing huge economic losses to livestock sector. This disease has great zoonotic implications and is transmissible to human being also. The disease is causing major economic losses to dairy industry.

1.3.52 GoI started a new 100% CSS “National Control Programme on Brucellosis” during 2010-11. Under this scheme, prophylactic vaccination of young female population would be undertaken besides conducting surveillance of the disease.

1.3.53 Against an expenditure of Rs.7.78 lac during the 11th Five Year Plan , an outlay of Rs.5.00 crore has been provided in 12th Five Year Plan. Against an expenditure of Rs.7.78 lac during 2011-12, an outlay of Rs.1.00 crore is provided in the Annual Plan 2012-13.

CS (AH)-14/21 Strengthening and Development of Fodder Resources in the State

Outlay – Rs.3.00 crore

1.3.54 To increase milk production through cross breeding programme, Government of India has implemented a new 100% Centrally Sponsored Scheme “Strengthening and Development of Fodder Resources in the State” during 2010-11. Green fodder is the cheapest nutrition source for cheap milk production. But only 23 kg green fodder is available per animal per day against requirement of at least 40 kg. green fodder per animal per day. The shortfall would be covered by use of high yield fodder varieties, modernized chaff-cutter for decreasing wastage of green fodder & paddy straw and cultivation of fodder in zaid/kharif crop season and preserving it technically. Under the scheme, following components are proposed to be undertaken:-

- a) Fodder seed procurement and distribution
- b) Establishment of silage making units
- c) Introduction of hand driven chaff-cutter
- d) Introduction of power driven chaff-cutter
- e) Grass land development including grass reserved at government farms

- f) Demonstration of Azolla cultivation and production units
- g) Establishment of area specific mineral, mixture/feed, pelleting/feed manufacturing.

1.3.55 Against an expenditure of Rs.4.65 crore during the 11th Five Year Plan , an outlay of Rs.15.00 crore has been provided in 12th Five Year Plan. Against an expenditure of Rs.1.89 crore during 2011-12, an outlay of Rs.3.00 crore is provided in the Annual Plan 2012-13.

CS (AH)-15/22 Rural Backyard Poultry Development

Outlay - Rs.70.00 lac

1.3.56 The objective of the scheme is to uplift the livelihood in rural areas and supplement their income and nutritional status. Under this scheme, low input technology birds would be supplied. It is proposed to cover 3000 BPL families during 2012-13.

1.3.57 An outlay of Rs.3.50 crore has been provided in 12th Five Year Plan and an outlay of Rs.70.00 lac is provided in the Annual Plan 2012-13.

New Schemes

CS (AH)-16/23 Central Sector Scheme-National Animal Disease Reporting System(NADRS)

Outlay - Rs.10.00 lac

1.3.58 The scheme was introduced by Govt. of India during 2011-12. The main objective of the scheme is to control the spread of diseases among the live stock of the state. The scheme is being implemented in collaboration with National Informatics Centre. The offices upto block level have been computerized and monitoring centres have been set up. Under this scheme, as per the guidelines of the Govt of India, the recurring expenditure like fax machines, stationary, brochure printing will be met.

1.3.59 An outlay of Rs.50.00 lac and Rs.10.00 lac has been provided in the 12th Five Year Plan and Annual Plan 2012-13 respectively.

CS (AH)-17 Assistance to state for control of stray animals

Outlay - Rs.1.00 crore

1.3.60 Stray cattle are a source of variety of problems to the society and their population in the State is rising day by day. At present, there are about one lac stray cattle in Punjab. They feed themselves on the standing crops and thereby destroy the valuable crops of the farmers. Besides, they cause traffic hazards and some times cause physical injuries to the people. The cow dung here and there causes environment pollution. In the process, the stray

cattle some times suffer badly due to starvation, accidents and unkind behaviour of the people. So, there is a dire need to provide facilities for the rehabilitation of the stray cattle (especially for cows) keeping in view the interest of the society and the cattle themselves. The reasonable rehabilitation programme may provide home to these vagabound cattle i.e. maintenance ration, a minimum level of health cover and the home care. Under this scheme, the department intends to provide assistance to Gau Sewa Board, Punjab/NGOs/Animal Welfare Board of Punjab for strengthening of Gaushalas/animal shelters.

1.3.61 An outlay of Rs.5.00 crore and Rs.1.00 crore has been provided in the 12th Five Year Plan and Annual Plan 2012-13 respectively.

1.4 DAIRY DEVELOPMENT

Outlay –Rs.25.21 crore

1.4.1 At present, Dairy farming is still the second best choice of the farmers but to make this as an absolute alternative to present practice of cereals crop production, the vast untapped potential of this sector needs to be exploited for ensuring reasonable returns which may be atleast at par (if not better) with the present level of income generation from the crop diversification.

1.4.2 The following thrust areas have been identified by the Dairy Development Department for the 12th Five Year Plan:-

- (i) Creating data base of milch animals by registration under Herd Registration Act and enhancing milk & non milk income of farmers.
- (ii) Education and training of farmers for diverting them towards commercial dairy farming with special focus on improving quality of milk and value addition at farm level by providing dairy entrepreneurship training.
- (iii) Assisting farmers in establishing commercially viable units of dairy farming for milk production with special stress on economical and scientific animal housing, herd management system, mechanization and remunerative market of milk.
- (v) Strengthening infrastructure for quality and clean milk production and establishment of farm milk coolers at farm level.
- (vi) Educating consumers about the importance of quality of milk and milk products.
- (vii) Quality Control in animal feeds and supplements.