9.5 ANIMAL HUSBANDRY

Animal Husbandry plays a vital role in the development of livestock for increasing the production potential of milk, meat and egg which are required for improving the standard of nutrition for human beings apart from providing subsidiary income to them, particularly to the rural poor. It has grown into an industry with the application of advanced scientific methods. There is vast scope for further development since the demand for livestock products is growing day by day. The main objective is to increase the productivity of local livestock through genetic improvement by cross breeding and grading.

Tamil Nadu has a considerable livestock population. According to 1997 census, Tamil Nadu possesses 9.36 millions of cattle, 2.72 millions of buffaloes, 5.4 millions of sheep and 6.3 millions of goats. The poultry population is also considerable and Tamil Nadu is a major egg producing State in the country. With the increase in the individual animal yield, the per capita consumption of Animal Husbandry products is also on the rise. The estimated milk production in the State during 2001-2002 was 4990 thousand tonnes. The production of eggs and meat was 4,223 million nos. and 39 million kg respectively. The per capita availability of milk per day has increased from 166 grams during 1990-91 to 219 grams during 2001-02. During the same period the per capita availability of egg per annum has increased from 46 numbers to 68 numbers.

1. Veterinary Services And Animal Health

At present there are 1016 Veterinary institutions viz: 3 polyclinics, 25 Clinician centers, 139 Veterinary Hospitals and 849 veterinary dispensaries. There are 2123 subcentres functioning in the State manned by Veterinary Inspectors.

1.1 Production of Anti Rabies vaccine (BPL) at IVPM, Ranipet

To protect all dogs against the deadly disease rabies, the anti rabies vaccine is produced at the Institute of Veterinary Preventive Medicine, Ranipet. A sum of Rs.4.01 lakhs is expected to be spent during the year 2002-2003 to meet the recurring cost and a sum of Rs.4.01 lakhs has been proposed for 2003-2004.

1.2 Vaccination of cattle and buffaloes in selected areas

Foot and Mouth is a highly contagious disease, which causes great economic losses. To control the disease proper vaccination has to be undertaken well in advance. The expenditure is shared equally between the Centre and the State Governments at 25% each and the remaining 50% cost is collected from farmers. A sum of Rs.40 lakhs is likely to be spent during 2002-03.
1.3 Animal Disease Surveillance

This is a Centrally Sponsored Scheme equally shared by State and Central Governments. The department has been producing valuable animals through cross breeding programmes. As the cross breed animals are prone to suffer with diseases as compared to native stock, disease surveillance becomes very important. To monitor the disease in livestock and poultry, an Animal Disease Surveillance Unit is functioning in the Directorate of Veterinary Services. The district head quarters are connected through NICNET for effective disease surveillance. A sum of Rs.2.30 lakhs is expected to be spent during the year 2002-2003 and a sum of Rs.2.61 lakhs is proposed for 2003-2004. The expenditure is to be shared equally between State and Centre (50:50).

1.4 Creation of Disease Free Zone in Tamil Nadu

This is a Centrally Sponsored scheme shared equally between State and Central Governments. A Disease Free Zone is functioning in Kanyakumari District along with the adjoining two districts of Kerala State to eradicate major livestock diseases in a phased manner. This is expected to increase the export potential of livestock and livestock products from that area. An amount of Rs.13.75 lakhs is likely to be spent during 2002-03 and an amount of Rs.14.90 lakhs is proposed for 2003-04.

1.5 Canine Rabies Control

Rabies is a Zoonotic disease and the control of rabies therefore becomes a Veterinary public health problem. Hence the Canine Rabies Control programmes have been started with a view to protect the dogs against the deadly rabies disease. The scheme was started in Coimbatore, Trichy and Chennai under the Centrally Sponsored Scheme. An amount of Rs.26.36 lakhs is likely to be spent during 2002-03 and an amount of Rs.29.84 lakhs is proposed for 2003-04.

1.6 Livestock Protection Scheme

For the benefit of more than 2.40 crores of livestock in our State an innovative scheme viz., ‘Livestock Protection Scheme’ was first launched at Thirukalukundram, Kancheepuram district in January 2000, so that the health of the cattle could be maintained and their production potential increased and Veterinary Health Services and Breeding facilities provided at the door steps of farmers in the villages. A sum of Rs.214.14 lakhs is likely to be spent during the year 2002-2003. The same amount is proposed for the year 2003-2004.

1.7 Replication of DANIDA Project in Non-project areas

During 2001-02, a sum of RS.67.20 lakhs had been provided to train the farmers in non-project areas in livestock farming and fodder development in selected 6 districts of 2096 Panchayat Unions. During 2002-2003, an amount of Rs.43.49 lakhs is likely spent. During 2003-2004, a provision of Rs.44.98 lakhs is made for this scheme.
1.8 Scheme for sustainable farming integrated with Animal Husbandry Department.

Animal Husbandry is an integral part of rural life and a key activity to provide sustainable growth in the rural economy. In order to give a new thrust to homestead farming that involves agriculture with animal husbandry in the coming year, a pilot scheme for homestead farms together with goat-rearing will be launched. An amount of Rs.100 lakhs is proposed for this scheme.

2. Cattle and Buffalo Development

2.1 Establishment of Frozen Semen Bank

For cross breeding of Cattle, exotic cattle breeds like Jersey, Friesian, and for upgrading of buffaloes Murrah are being used for the production of Frozen Semen. The Frozen Semen Bank at Eachenkottai was therefore started. It was expected to supply exotic semen straws throughout the State and also to produce Liquid Nitrogen for the storage of Frozen Semen Straws. An amount of Rs.18.76 lakhs is expected to be spent during the year during 2002-2003 towards recurring cost. A sum of Rs.22.30 lakhs is proposed for 2003-2004.

2.2 Livestock Development in Pudukottai District with DANIDA assistance

The DANIDA assisted Livestock Development programme is being implemented in the districts of Pudukottai, Sivaganga, Virudhunagar and Tuticorin. The basic idea of the scheme is to intensively train farmers in project areas in livestock farming and fodder development so that they can get maximum return from livestock owned by them. This programme will provide much needed technical information to the local farmers. An amount of Rs.425.53 lakhs was provided for 2002-2003 for the implementation of the programme against which an amount of Rs.332.29 lakhs is expected to spend during 2002-2003. A sum of Rs.333.96 lakhs is proposed for the year 2003-2004.

2.3 Heifer calf rearing project in Panchayat Unions

During 2001-2002, a sum of Rs.28.00 lakhs was sanctioned under Part II scheme for purchase of 800 graded buffalo heifer calves in 160 panchayat unions of 12 districts towards 50% subsidy to SC/STs and 33 subsidy to others.

2.4 Strengthening the stock of Murrah Breeding Bulls

During 2001-2002, a sum of Rs.6.00 lakhs had been sanctioned under Part-II scheme for purchase of Murrah bulls for the District Livestock Farm, Abishekapattni.
3. Poultry Development

3.1 Supply of Giriraja chicks to farmers in southern districts

During 2000-2001 a sum of Rs.30.65 lakhs had been provided to distribute chicks to the farmers in Southern Districts to increase their income.

4. Sheep And Wool Development

4.1 Intensive Sheep and Goat Development

With the closure of European Economic Committee aided Sheep Development scheme, Intensive Sheep and Goat Development work was undertaken in selected districts from the year 1998-99. During 2001-2002 a sum of Rs.45.00 lakhs had been sanctioned under Part-II scheme to distribute sheep in selected districts to the beneficiaries on a 50% subsidy for SC, STs and 33 subsidy for others.

5. Fodder Development

5.1 Establishment of Fodder Bank

For the improvement of grazing facilities fodder production will be taken care of for the livestock. This scheme comes under Centrally Sponsored Scheme shared equally between State and Centre.

5.2 Supply of enriched paddy straw to Agricultural labourers and farmers

By enriching the paddy straw it is possible to increase the nutritive value. Hence supply of enriched paddy straw will help the farmers to increase the production of their cattle. During the year 1997-98, Government provided a sum of Rs.7.5 lakhs for the benefit of 1500 beneficiaries.

5.3 Strengthening of fodder seed production unit

Providing bore well and open well strengthened the fodder seed production units functioning in the State at a cost of Rs.9.00 lakhs sanctioned under Part II for the year 1999-2000. To deepen the ponds in District Livestock Farm, Korukkai a sum of Rs.3.01 lakhs had been provided during 2001-2002.

6. Extension and Training

6.1 Strengthening of Training Centres

To carry out repairs and construction of buildings in order to conduct Livestock Inspector training course, a sum of Rs.7.00 lakhs was provided during the year 1999-2000.

7. Direction and Administration

7.1 Strengthening of Statistical Cell

A statistical cell has been established in the Directorate for conducting Sample Survey for estimating production of milk, meat and egg in the State.
This is a Centrally Sponsored Scheme shared equally between State and Central Governments. During the year 2002-2003 a sum of Rs.16.83 lakhs is expected to be spent and a sum of Rs.18.21 lakhs is proposed for the year 2003-2004. The expenditure is to be shared equally between Centre and State.

8. Other Expenditure

8.1 Strengthening of Horse breeding unit

In hills and foot of the hills horses and ponies are in great demand. Hence a horse-breeding programme was started at the District Livestock Farm, Hosur during the year 1997-98. A sum of Rs.3.66 lakhs is likely to be spent during the year 2002-2003 for the feed cost of the animals and a sum of Rs.3.66 lakhs is proposed for the year 2003-2004.

9. Special Component Plan

9.1 Veterinary Dispensaries - SCP

The Veterinary Dispensaries opened in the colonies where people belonging to Scheduled Caste are living were brought under Special Component Plan during 1997-98. A sum of Rs.32.07 lakhs is likely to be spent during the year 2002-2003 and a sum of Rs.37.45 lakhs is proposed for the year 2003-2004.

9.2 Upgrading Veterinary Hospitals into Clinician Centres (SCP)

Veterinary Hospitals were upgraded as Clinician Centres to provide better treatment facilities in a phased manner. Recurring cost of Rs.3.71 lakhs is likely to be spent during the year 2002-2003. A sum of Rs. 4.17 lakhs is proposed for the year 2003-2004.

9.3 Mobile Veterinary Dispensaries at Block level (SCP)

383 Mobile Veterinary Dispensaries were opened during the year 1994 and the Mobile Veterinary Dispensaries located in the Schedule Caste colony areas were brought under Special Component Scheme during 1997-98. A sum of Rs.3.70 lakhs is likely spent during the year 2002-03 as recurring cost and a sum of Rs.3.70 lakhs is proposed for the year 2003-2004.

9.4 Mobile Veterinary Units (SCP)

At present 54 Mobile Veterinary Units provide Health Cover to Livestock and Poultry in remote villages. The Mobile Veterinary Units located in Schedule Caste colonies were brought under Special Component Plan during 1997-98. A sum of Rs.10.73 lakhs is likely to be spent during the year 2002-2003 towards recurring cost and a sum of Rs.12.67 lakhs is proposed for the year 2003-2004.
10. Hill Area Development Programme

10.1 Lump sum provision for new schemes under Hill Area Development Programme.

The Nilgiris District occupies a unique position as a hill station and hill terrain. For the upliftment of the people of this area, Hill Area Development Programme is being implemented as a Centrally Sponsored Programme from the year 1975 onwards. Beneficiary oriented schemes and infrastructure development form part of the programme. A sum of Rs.50.62 lakhs is likely to be spent during the year 2002-2003 and a sum of Rs.63.06 lakhs is proposed for the year 2003-2004.

11. Western Ghats Development Programme

11.1 Lump sum provision for new schemes under Western Ghats Development Programme

For the benefit of people in Western Ghats Development Districts, beneficiary oriented programmes and infrastructure development programmes have been taken up and Mobile Veterinary Units at Vettaikaranpudur and Uthamapalayam and Animal Disease Intelligence Unit at Dindugul and Farmers Training Centre at Abishekappatti have been established. A sum of Rs.47.74 lakhs is likely to be spent during the year 2002-2003 and a sum of Rs.47.76 lakhs is proposed for the year 2003-2004.

New Programmes for 2003-2004

During the year 2003-2004, the following new schemes are to be implemented:

1. Upgrading 10 Sub Centres into Veterinary Dispensaries - It is proposed to upgrade 10 sub centres at a cost of Rs.32.77 lakhs to provide Veterinary Health Care, based on demand and cattle population.

2. Distribution of Rams to Link Worker Couples - It is proposed to distribute rams to Link worker couples to eliminate inbreeding in sheep at a cost of Rs.18.14 lakhs to augment the meet production through scientific breeding, feeding and management practices and to generate additional income to the farmers through adoption of scientific management.

3. Providing Communication facilities to 15 Veterinary Institutions located at District Head quarters - It is proposed to provide the telephone facility to the veterinary institutions where these facilities are not available at a cost of Rs.0.75 lakhs for better supervision, direction, implementation of schemes, disease control, and management of disasters and natural calamities.

4. Establishment of Mobile Veterinary Unit at a cost of Rs.1.37 lakhs - It is proposed to provide veterinary and health care to animals in the rural areas at the doorsteps of the farmers and to extend all Veterinary assistance to the rural people who are unable to contact the nearest Veterinary Institutions at a total cost of Rs. 1.37 lakhs.
5. **Establishment of Turkey Rearing Unit** - Poultry farming has undergone a transformation from backyard units to present vibrant and dynamic commercial enterprises. Chick rearing has become more popular and awareness is not created in rearing turkey, Japanese quails, Guinea fowls, etc. Turkey rearing is one of the profitable backyard businesses, for which awareness must be created. An amount of Rs.4.24 lakhs is provided for this scheme.

The plan outlay for the year 2003-04 under various group heads are given below:

<table>
<thead>
<tr>
<th>Sl.No</th>
<th>Group Heads</th>
<th>Outlay for 2003-04 (Rs. in lakhs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Veterinary Services Animal Health</td>
<td>445.39</td>
</tr>
<tr>
<td>2.</td>
<td>Cattle and Buffaloe Development</td>
<td>356.29</td>
</tr>
<tr>
<td>3.</td>
<td>Poultry Development</td>
<td>4.26</td>
</tr>
<tr>
<td>4.</td>
<td>Sheep &amp; Wool Development</td>
<td>18.19</td>
</tr>
<tr>
<td>5.</td>
<td>Fodder and Feeds Development</td>
<td>0.03</td>
</tr>
<tr>
<td>6.</td>
<td>Extension and Training</td>
<td>0.01</td>
</tr>
<tr>
<td>7.</td>
<td>Direction and Administration</td>
<td>18.21</td>
</tr>
<tr>
<td>8.</td>
<td>Tribal Areas Sub-Plan</td>
<td>0.00</td>
</tr>
<tr>
<td>9.</td>
<td>Other Expenditure</td>
<td>3.70</td>
</tr>
<tr>
<td>10.</td>
<td>Special Component Plan</td>
<td>57.99</td>
</tr>
<tr>
<td>11.</td>
<td>Hill Area Development Programme</td>
<td>63.06</td>
</tr>
<tr>
<td>12.</td>
<td>Western Ghat Development Programme</td>
<td>47.76</td>
</tr>
<tr>
<td></td>
<td><strong>TOTAL - Animal Husbandry</strong></td>
<td><strong>1014.89</strong></td>
</tr>
</tbody>
</table>