



**Developmental Activities, Programmes**

**and**

**Schemes**

**of**

**Animal Husbandry Department,**

**Himachal Pradesh**

## Developmental Activities, Programmes and Schemes of Animal Husbandry

### Department Himachal Pradesh:-

Animal Husbandry and Dairying activities continue to be integral part of human life. As a sequel to the age old practices and dependence of population on livestock, Himachal Pradesh is endowed with the large livestock population. According to 2012 Livestock Census, total livestock population of H.P. is lakh as detailed below:-

Name of Livestock	Cattle	Buffalo	Sheep	Goat	Horses & Ponies	Mules	Yak	Rabbit	Dogs	Total
Population	21.49 lakh	7.16 lakh	8.05 lakh	11.19 lakh	0.15 lakh	0.23 lakh	2921	5842	1.75 lakh	<b>48.44 lakh</b>

### Budget Position:-

Approved Plan budget for 2016-17 - Rs. 69.32 crores

Approved Non-Plan budget for 2016-17- Rs. 374.30 crores

### Total Budget-

**Rs. 443.62 crores**

To make animal husbandry more successful the following activities are being run by the department for the benefit of livestock owners.

1. Veterinary Services and Animal Health.
2. Cattle & Buffalo Development.
3. Sheep & Wool Development.
4. Angora Rabbit Breeding Programme.
5. Poultry Development.
6. Horse & Yak Breeding Programme.
7. Extension Activities.

## **Veterinary Services and Animal Health:-**

Veterinary Services and Animal Health facility is being provided to the livestock owners of the State by a network of **3449 Veterinary institutions these include 9 Polyclinics, 53 Sub Divisional Hospitals, 329 Veterinary Hospitals, 30 Central Veterinary Dispensaries, 1771 Veterinary Dispensaries and 6 Veterinary Check Posts.** Apart from these institutions **1251 Veterinary Dispensaries have been opened under Mukhyamantri Arogya Pashudhan Yojna.** Following services are being provided by these Veterinary aid institutions.

- i) Treatment of Ailing animals in the institution as well as at the door step of the farmer.
- ii) Prophylactic vaccination of the animals against contagious disease like Foot and Mouth Disease, Hemorrhagic Septicemia, Black Quarter, PPR etc.
- iii) Dipping and drenching of animals against ectoparasites and endoparasites.
- iv) In the event of any outbreak of disease, two fully equipped Disease Investigation Laboratories under take disease diagnosis work promptly. These Laboratories are located at Mandi and Shimla. This disease diagnosis work helps to render effective treatment based upon Modern Scientific lines and save farmers from huge economic losses.
- v) Epidemiological unit of the State, located at Shimla carries out disease surveillance work in the State. This unit keeps close watch on out breaks of diseases and takes timely action to combat further spread of disease.
- vi) All the State and Centrally sponsored schemes are being implemented through these institutions.

## **Cattle & Buffalo Development:-**

Indigenous cows (non descript local) are being upgraded by cross breeding programme by crossing with Jersey and Holstein bulls so that the optimum level of germ plasm is maintained. The artificial insemination by frozen semen technology is being adopted in cows and buffaloes. Three Cattle Farms located at Kothipura (Bilaspur), Palampur (Kangra) and Bagthan( Sirmaur ) are being run by the department to produce genetically superior breeding bulls. These bulls are used for semen straw production at sperm station of the Department at Palampur (Kangra). Sperm Station at Aduwal ( Nalagarh) District Solan has been established for buffalo semen straw production. In the remote areas where it is not possible to introduce artificial insemination technique, the natural service with improved breed of bulls is being carried out.

### **Sheep & Wool Development:-**

Sheep rearing is one of the main occupation of the people in Himachal Pradesh. Rampur bushari and Gaddi breeds of Himachal Pradesh are famous for indigenous carpet wool production in the Country. 37% of agricultural families rear sheep. As per livestock census 2012, the total sheep population in the State is 8.05 lakh. 38% sheep in the State are crossbred. The local sheep is crossed with good quality rams of Rambouillet, Russian Merino so that the quality as well as quantity of wool produced can be increased. To bring desired increase in quality and quantity of wool produced by the indigenous sheep, department has maintained 4 Sheep Breeding Farms and one Ram Centre. These farms are located at Kaksthal (Kinnaur), Jeori (Shimla), Tal (Hamirpur) and Sarol (Chamba). High yielding rams of exotic Russian Merino and Rambouillet breeds are sold at nominal rates from these farms to interested sheep breeders to carry out cross breeding of indigenous sheep with these exotic breeds. Ram Centre, Nagwain (District Mandi) provide Rams during breeding season to sheep breeders and at the end of breeding season these rams are brought back to the Ram Centre, so that farmers are saved from the cost of maintaining these Rams.

H.P. Wool Federation procures sheep wool from farmers on minimum support price fixed by Government from time to time.

### **Angora Rabbit Breeding Programme:-**

The climate of the State is favourable for rearing of Angora Rabbits and it is a good source of income and self employment. With the assistance of UNDP Department has established a germ plasm centre at Nagwain (District Mandi) where pure breed German Angora rabbits are being bred on scientific lines. At this centre training to interested breeders is being imparted and trained persons are being provided infrastructure and rabbits for starting their own rabbit breeding farms. Another rabbit farm at Kandwari in Palampur is also being run by the department where German Angora Rabbits are being reared. Interested un-employed Youth can undergo training in rabbit rearing at above mentioned farms. They are also provided with infrastructure and rabbits for starting their own farm. H.P. Wool Federation procures rabbit wool from farmers on minimum support price fixed by Government from time to time.

### **Poultry Development:-**

The poultry farming in Himachal Pradesh plays an important role in improving the social and economic status of rural population. The sale of eggs on day to day basis helps in providing supplementary income as well as nutrition of high protein without incurring extra expenditure. 2 hatcheries and 10 poultry farms/extension centres are working in the State for the benefit of the farmers. The Department is implementing Backyard Poultry Scheme, 200-Chicks scheme, 5000-Broiler Scheme, IPP LIT and Broiler scheme under NLM. Various types of poultry inputs are provided to the farmers under these schemes.

## **Horse & Yak Breeding Programme:-**

Spiti (Chamurthi) is a recognized breed of horses found in Pin Valley of Lahaul & Spiti and Hangrang Tehsil of Kinnaur District. This breed of horse is sure footed and best mode of transportation in remote and hard area. The department is running a horse breeding farm at Lari in District Lahaul & Spiti to preserve this breed of the horse. To inflict a sense of security and to inculcate confidence in tribal people, department organizes a horse show every year at Rampur Bushehar during Lavi fair and prizes in form of cash are given to owners having best Chamurthi & Spiti animals.

Department has also started one Yak Breeding Farm at Lari with Central assistance of Rs. 50.00 lakh received under “Conservation of threatened Breeds” Project.

## **Extension Activities:-**

To make people aware of activities of department, extension programmes by organizing camps at village level are being conducted by the department.

Sexual Health camps are being organized at Village level to overcome problem of repeat breeding amongst cattle.

Department is also running an extension programme through All India Radio and Doordharshan Kendra Shimla for providing information on Scientific rearing of animals, common problems faced by farmers and information on various diseases of animals and their management.

**As a result of above mentioned activities, production of livestock products in the State during year 2016-17 is as under:-**

- Milk Production:- 1328.17 lakh tons
- Wool Production:- 1476.71 tons
- Egg Production:- 958.99 million
- Meat Production:- 4006 tons

## **Centrally Sponsored Schemes:-**

**Following centrally Sponsored Schemes are being implemented in the State:-**

### **1. NATIONAL PROJECT ON BOVINE BREEDING-**

- a. Government of India is providing 100% Central Assistance to the State Government for running Cattle & Buffalo breeding programme.
- b. Funds to the tune of Rs. 5.71 crore have been sanctioned for the State under this scheme.
- c. These funds will be utilized for :-
  - i. providing equipment related to artificial insemination at the Veterinary institutions
  - ii. Purchase of liquid nitrogen storage and transport containers
  - iii. Running of Sperm Stations of the Department.
  - iv. Provision of Semen straws and liquid nitrogen gas at Veterinary institutions for performing Artificial Insemination in cattle and buffaloes for breed improvement.

### **2. Livestock Health And Disease Control (LH&DC)**

#### **Sub-Schemes:**

1. Assistance to States for control of Animal Diseases (ASCAD)
2. Foot and Mouth Disease Control Program (FMD-CP)
3. *Peste-des-petits ruminants* (PPR)-Control Program-(PPR-CP)
4. National Animal Disease Reporting System (NADRS)

#### **1. Assistance to States for control of Animal Diseases (ASCAD)**

Activities under ASCAD:-

- (i) Immunization (vaccination) against HS, BQ, Enterotoxemia, Sheep Pox, Anti-rabies and poultry diseases.
- (ii) Training Programme (2 batches of 20 each vets and Para-vets)
- (iii) Information and communication campaign and community participation.  
(Organization of district level camps-20 camps)
- (iv) Control of Emergent and Exotic Diseases (Bird Flu and Glanders)

**2. Foot & Mouth Disease Control Program (FMD-CP)**:- Earlier FMD control was covered under ASCAD. Now FMD vaccination in the State is being covered under **FMD-CP**. This scheme involves immunization of entire cattle and buffalo population against FMD free of cost. During year 2017-18, funds to the tune of Rs. 248.00 lakh as 90% central Share and Rs. 27.56 Lakh (10%) State Share has been received.

**3. PPR-Control Programme**:- Under this scheme, mass vaccination of sheep and goats (covering at least 30% of population of Sheep & Goat) against PPR disease is undertaken free of cost. Besides this activities like strengthening of ELISA lab, creation of cold chain facility for storage of vaccine and diluents at field level etc are undertaken. During year 2017-18, funds to the tune of Rs. 30.00 lakh have been sought from the GOI.

**4. National Animal Disease Reporting System**:- Under this scheme following activities are being undertaken:-

1. Animal disease reporting is being done through 63 nodes on a daily basis, even if no disease /outbreak is reported on that particular day.

Strengthening of field offices up to Sub Division level by way of computers and internet connectivity through BSNL broad band services has been provided.

Funds received during 2017-18-Nil

#### **BACKYARD POULTRY DEVELOPMENT SCHEME**

Poultry breeders belonging to SC/ST/General categories are provided with LIT chicks up-to3 weeks of age on cost basis on nearest road-head. These chicks are distributed to farmers at rate depending up-on age of chick i,e. :-

0 Days	Rs. 21/-
2 Days to 1 week	Rs.23/-
1 to 2 weeks	Rs. 27/-
2 to 3 weeks	Rs.29/-

**NATIONAL LIVESTOCK MISSION**:- During year 16-17, the Government of India and State Government has released funds to the tune of Rs. 216.19 lakh under NLM to implement following activities:-

**1. Rural Backyard Poultry Development**:- With objectives to augment the income of rural people, good diet to rural population and high grade manure at minimal cost a poultry project under N.L.M. is operational in the state. 4 week old 40 no. LIT Chicks are distributed among poultry breeders belonging to BPL category. 75% subsidy is provided to beneficiaries on cost of chicks and for provision of night shelter. A budget of Rs. 98,43,750/-has been allocated for this for year 2016-17 and in total 3750 units have to be established.

**2. Livestock Insurance** – Scheme will be implemented in 7 districts of the State i.e. Solan, Sirmour, Una , Bilaspur, Kullu, Kinnaur and Lahaul-Spiti with an objective to provide support to the cattle/buffalo breeders in the event of untimely death of their livestock. In case of APL farmers, insurance premium is shared on the pattern of 60 % Govt Share and 40% beneficiary share. Where as in case of BPL farmers, insurance premium is shared on the pattern of 80 % Govt Share and 20% beneficiary share. A budget of Rs. 117.76 lakh has been allocated for this purpose for year 2016-17 and in total 7500 animals are proposed to be insured.

Schemes to be implemented during year 2017-18 under NLM have been submitted to GOI for approval.

**RASHTRIYA KRISHI VIKAS YOJNA**:- During year 2016-17, Rs. 20.30 crores have been sanctioned under RKVY to implement following activities for the development of livestock sector:-

- a. **Strengthening of Artificial Insemination facilities and provision of subsidy on semen straws**:- provision of providing subsidy on semen straws, purchase of liquid nitrogen gas, equipments/material required for performing AI and purchase of vehicles for transport of liquid nitrogen gas.
- b. **Provision of Medicines and equipments at MMAPY Veterinary Dispensaries** :- Department has started 1251 Veterinary dispensaries at Panchayat level for providing treatment facility at doorstep of the farmers. In order to provide medicines and equipment at these institutions for further distribution to livestock owners, funds are provided under RKVY.
- c. **Strengthening of institutions of the Department, Construction of buildings of polyclinics.**
- d. **Strengthening of Poultry Farms and Hatcheries.**
- e. **Sheep & Goat development by way of provision of healthcare facilities**:- Funds for providing medicines for eco and endo parasites for deworming of sheep & Goats and development of goats by way of providing health care facility and trainings to goat breeders is being undertaken.
- f. **Dairy Development**:- Funds for creating milk chilling and testing facilities along with training to dairy self help groups are being provided.

Schemes to be implemented during year 2017-18 under RKVY are being submitted to GOI.

## **State Schemes:-**

1. **Uttam Pashu Puraskar Yojna:** - The scheme will be implemented in the entire State during year 2017-18. **Budget of Rs. 20.00 lakh is available.**

**Objective of the Scheme:** - To provide incentive and encouragement to livestock Owners for rearing good quality high yielding animals.

**Eligible Beneficiaries:-** Owners of Cattle /Buffaloes giving 15 lts or more milk per day.

**Incentive to be given:** - Cash prize of Rs. 1000/- per Cattle /Buffaloes giving 15 lts or more milk per day.

2. **Scheme for Provision of Subsidized Rams to Sheep Breeders:** - The scheme will be implemented in the entire State during year 2017-18.

**Objective of the Scheme:** - To improve Quality and Quantity of Wool being produced in the state. Thereby ensuring better economic returns to the Sheep Breeders.

**Eligible Beneficiaries:-** Sheep breeders of all categories having flock of at least 50 sheep

**Incentive to be given:** - Breeding Ram will be provided on 60% subsidy.

3. **Scheme for implementation of BPL Krishak Bakri Palan Yojna:** - The scheme will be implemented in the entire State during year 2017-18.

**Objective of the Scheme:** - To increase income generation opportunities for economically weaker segments of the society as well as to increase meat production.

**Eligible Beneficiaries:-** Landless, BPL Category farmers, Preference will be given to Landless, BPL women farmers .

**Incentive to be given:** - Goat units of (10 female +1 male/ 4 female +1 male /2 female +1 male) will be provided on 60% subsidy.

4. **200- Chick Scheme**

The budget is being provided under SCA and SCSP. In this scheme 200 no. chicks, feeders, drinkers and feed are distributed to beneficiary. Poultry breeder belonging to SC family is eligible beneficiary in this scheme. **For year 2017-18 a budget of Rs. 90 Lac has been allocated for scheme.**

## **5. 5000- Broiler Scheme**

Hon'ble Chief Minister of Himachal Pradesh has announced this scheme in the state budget for year 2017-18. At present small poultry units are established as department is providing LIT chicks on cost/ subsidy/ basis under N.L.M. and Backyard Poultry Scheme. There is now to focus on commercial broiler strain project. Beneficiaries will be belonging to SC/ST/ General Categories, who have undertaken training regarding poultry farming from Government Poultry Farms. The funds will be provided against capital investment in this scheme under subsidy component i.e. 60%. Chicks will be provided in multiples of 1000 chicks up-to 5000 (i.e. Maximum 5 rotations). **There is a provision of Rs.2.00 Cr for this scheme in the budget.**

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