

## POULTRY DEVELOPMENT ACTIVITIES IN HIMACHAL PRADESH- AT A GLANCE **for the Year:- 2010-11 :-**

### **INTRODUCTION:-**

In the state of Himachal Pradesh, poultry farming has shown vast potential of self employment opportunity and augmenting the nutritional status of the rural population by enhancing the availability of high quality proteins in the diet at a reasonable cost. In the recent years, one unfortunate trend of decreasing per capita availability of pulses, the only major source of proteins for the large majority of population has emerged. The protein gap in the nutritional demand has to be bridged rapidly, and the egg provides an affordable alternative source. Its per capita availability has grown up from 5 to 43 per year between 1950's to 2010. Besides this, poultry meat is also playing its part in making proteins of animal origin available to the farmers of the state. Therefore, increasing the egg and poultry meat production will also lead to strengthening the economic base of the rural farmers.

The poultry farming in Himachal Pradesh play an important role in improving the socio- economic status of rural population particularly the landless because poultry farming require minimum capital and ensures quick returns. There by improving the quality of life of the rural poor. The sale of eggs on day to day basis helps in increasing crop production through purchase of essential inputs such as seed, insecticides, etc. Poultry droppings are an excellent source of farm manure.

In Himachal Pradesh, the poultry production output corresponds to the backyard poultry production because people prefer poultry units of small size i.e. 50 to 100 birds each rather than bigger units. These backyard units are becoming popular as it provides supplementary income as well as nutrition of high order without incurring extra expenditure. This has been further made successful with the introduction of hybrid birds by the department of Animal Husbandry through the Poultry Development Project running in the state. The poultry project look after the poultry development work through various poultry farms/ extension centers and hatcheries which caters to the demand of the farmers for the supply of day old coloured strain dual purpose chicks. Birds of various age groups are also supplied to the farmers as per their demand. The hatcheries were not able to cope with the ever increasing demand for the chicks/ birds prior to the introduction of the Centrally sponsored scheme mainly due to very old and worn out machinery and equipments compounded by the poor condition of the sheds and buildings which housed the hatcheries/ farms. With the introduction of the Centrally Sponsored Scheme, the hatcheries and the farms of the state are being strengthened in a phased manner so that the demand of the rural population for the chicks of both egger and broiler strain could be met easily.

The topography and the climatic condition of the state are such that here small sized poultry farms are more successful than the large sized ones. A peculiar feature of poultry farming in the Himachal Pradesh is the bulk production of eggs and broilers in the urban and sub-urban areas which leads to higher costs of egg and poultry meat in the rural areas than in the towns. The department of Animal Husbandry has started a Backyard Poultry scheme and 200- Chick scheme with the following objectives to offset the present trend and make the poultry birds available at the village level so that the farmers are not only able to increase their economic status but also use the poultry

produce as a source high grade animal protein in the diet so as to cope up with the protein-calorie malnutrition.

***AIMS AND OBJECTIVES :-***

1. **To provide good diet to the people of the state.** The per capita availability of eggs in Himachal Pradesh is mere 15 eggs per annum as compared to all India average of 43 eggs per annum. Large rural populations face the problem of protein-calorie malnutrition, thus needing animal proteins with high biological values which can be met through eggs and poultry meat.
2. **To augment the income** of the rural people where poultry farming along with the livestock rearing is being carried out as a mixed farming complementary to the crop production.
3. **To increase the employment opportunities** for the rural population since most of them are unemployed or grossly underemployed, hence to generate self-employment.
4. **To produce manure** of high grade at minimal cost.

***PRESENT STATUS OF PRODUCTION :-***

The poultry in Himachal Pradesh corresponds to Poultry farms established in the government and in the private sector. The thrust in the private sector, of late, is mainly due to the introduction of the Backyard Poultry scheme by the department especially in the rural areas of the state. The department of Animal Husbandry is running below mentioned poultry development schemes in the state :-

**1. BACKYARD POULTRY SCHEME:-**

The Animal Husbandry Department has introduced Backyard Poultry Scheme under the Centrally Sponsored Scheme "Assistance to the State Poultry farms" which is a 80:20 scheme where the state poultry farms are being strengthened in a phased manner. The chicks of low input technology type are being produced at the departmental hatcheries. These chicks are reared for 2-3 weeks at different government poultry farms/ extension centers prior their distribution in the field. Incase, there is demand for day old chicks then the same are also provided to the farmers.

Since the medium and the large poultry farms have come up of late in the state due to the efforts of the department whereby training and other help in the form of project reports for the opening of such units is being provided to interested poultry farmers. Therefore, the department has been trying to give more attention to the small and marginal poultry farmers who have specific requirements w.r.t. the strain of the poultry birds being provided. This is important because with the limited resources such group of poultry farmers need a disease resistant strain with local availability. This was ensured under the Backyard scheme where low input technology bird of coloured strain but disease resistant type are supplied to the farmers of the state @ Rs. 21.00/-chick of 2- 3 weeks age to prevent the early mortality while day old chick is for Rs. 15.00/- per chick. This scheme has been an instant success because it not only supplement the income of the poor farmers of the state but also provide nutrition of high order to them which is ample clear from the ever increasing demand for coloured chicks. The department allotted **2,93,547** chicks under this scheme in the current financial year i.e. 2010- 11 and after deducting the normal transportation mortalities, **2,85,080** chicks were actually

received by **8460** beneficiaries/ farmers. This is remarkable achievement than compared to last year where only **2,77,547** chicks were actually distributed under this scheme.

Remote and tribal areas as far as Bharmour, Kinnaur, Lahaul, etc. are too being provided benefit under this scheme as per their demand. The farmers can book their demand for the chicks at any veterinary institution nearest to their dwelling. Under the Backyard Poultry scheme a unit consists of 50 chicks of 2- 3 weeks old. Interested beneficiaries are selected on the first come first serve basis through Veterinary institutions in the field.

There is also provision of training to the farmers opting for the scheme where the beneficiaries are being provided 6- days training at the government poultry farms and 15 days training at the two hatcheries at Nahan and Sundernagar while 1 day awareness/training is also provided in the field. These trainings are all provided free of cost.

## **2. 200- CHICK SUBSIDY SCHEME (SCSP) :-**

Under this scheme any person, whose annual income is less than Rs. 24,000/- and has land less than 25 bighas are provided assistance by way of supply of 200 chicks, feed, feeders, drinkers, medicines along with their transportation to the nearest road head. These benefits are met within the subsidy limit of Rs. 10,000/- per beneficiary. In the year 2010-11 a total of 350 poultry units were established.

### ***NODAL AGENCY:-***

Development of the Poultry sector in the state is being looked after by the Deputy Director, Poultry Development, Directorate of Animal Husbandry, Shimla-5 who is running 200 - Chick scheme along with the Backyard Poultry scheme, very efficiently. The Deputy Director, Poultry Development who has been designated as Nodal Officer under the Centrally sponsored scheme is ably assisted by the Technical Officer (Poultry) along with existing staff of the Poultry Project in the running Poultry Schemes efficiently under the able guidance of the Director, Animal Husbandry, Himachal Pradesh.

### ***INFRASTRUCTURAL FACILITIES:-***

To minimize the problems and difficulties of the farmers of the state and to develop the poultry sector in the State of Himachal Pradesh, the department of Animal Husbandry through the office of the Deputy Director, Poultry Project, has taken steps to increase poultry production in the State through the establishment of two hatcheries and poultry farms/extension centers in the various districts of the state. The chicks are being supplied to the poultry farmers through poultry farms and the extension centers. The farmers/ poultry breeders are also imparted training in poultry farming at the Government Poultry Farms so that these farmers are able to establish their units on a sound footing.

**DETAIL OF THE GOVERNMENT POULTRY FARMS/ EXTENSION CENTRES FOR THE YEAR 2010- 11 :-**

<b>Sr. No.</b>	<b>Name/ Address of the Farm</b>	<b>Year of Opening of the Farm</b>	<b>Area of the Farm</b>	<b>Total Chick production</b>
1.	Poultry Farm, Jalgran, Distt. Una	1979	00-95-52 24 Kanal 12 Marla	Rearing centre only
2.	Regional Poultry Farm, Kamlahi, Distt. Shimla	1956	54.6 bighas	Rearing centre only
3.	Central Poultry Farm, (Hatchery) Nahan, Distt. Sirmour	1960	36 bighas	1,55,489
4.	Poultry Farm, Chauntra, Distt. Mandi	1965	18-00-13 Hectare	Rearing centre only
5.	Him Hatchery, Sundernagar, Distt. Mandi	1958	2503 sq. mts.	1,38,058
6.	Poultry Farm, Palampur, Distt. Kangra	1958	10 kanal 13 marla	Rearing centre only
7.	Poultry Extension Centre, Bhawarna, Distt. Kangra	1966	17 kanal 11 marla	Rearing centre only
8.	Poultry Extension Centre, Reckong - Peo, Distt. Kinnaur	1962	02-80-69 Hectare (out of which 0-99-76 Hectare leased out to K.V. School)	Rearing centre only
9.	Poultry Extension Centre, Sarol, Distt. Chamba	1958	2 acre	Rearing centre only
10.	Poultry Extension Centre, Solan, Distt. Solan	1961	14.1 bighas	Rearing centre only
11.	Poultry Extension Centre, Paonta- Sahib, Distt. Sirmour	1960	2.5 bighas	Rearing centre only

**DETAIL OF THE ACHIEVEMENTS UNDER CENTRALLY SPONSORED SCHEMES  
BACKYARD POULTRY SCHEME FOR THE PERIOD 2002- 03 TO 2009-10:-**

Name of the State Farm /address:- **Central Poultry Farm -cum- Hatchery, Nahan**

Sr. No.	Parameters	Achievement for the Year							
		2002-2003	2003-2004	2004- 2005	2005-2006	2006-2007	2007- 2008	2008-2009	2009-2010
1.	Parent Stock Strengths maintained (Kindly also indicate the name of the stock)	1080 (Chabro)	1018 (Chabro)	1164 (Vanaraja)	2166 (Vanaraja)	2616 (Vanraja)	1729 (Vanraja)	1491 (Vanraja & Chabro)	1862
2.	Number of eggs produced/ procured from other farm	44877	43225	134673	176007	167507	159945	299726	194835
3.	Number of chicks hatched	15495	39965	91877	92232	103454	85353	141487	142175
4.	Number of chicks sold / distributed	15495	39965	91877	92232	103454	85353	141487	142175
5.	Number of persons trained Male/Female separately	2	23+0=23	35+35 =70	168+18 =186	157+16 =173	59 + 14=73	55 + 32= 87	101+53 =154
6.	Number of beneficiaries - Total, Woman & SC/ST's separately	2	7680	Nil	S.C.=637 S.T.= 12 W= 107 G= 1655 T= 2411	S.C.=1045 S.T= 235 W= 389 G= 2861 T= 4530	S.C.= 1035 S.T= 150 W= 497 G= 1595 T= 3277	S.C.= 1127 S.T.= 188 W= 603 G= 1261 T= 3179	S.C.= 1527 S.T.= 211 W= 536 G= 1755 T= 4029

**DETAIL OF THE ACHIEVEMENTS UNDER CENTRALLY SPONSORED SCHEMES  
BACKYARD POULTRY SCHEME FOR THE PERIOD 2010-11 ONWARDS:-**

Name of the State Farm /address:-

**Central Poultry Farm -cum- Hatchery, Nahan**

Sr. No.	Parameters	Achievement for the Year						
		2010-11						
1.	Parent Stock Strengths maintained (Kindly also indicate the name of the stock)	1730 (Chabro)						
2.	Number of eggs produced/procured from other farm	238736						
3.	Number of chicks hatched	155489						
4.	Number of chicks sold / distributed	155489						
5.	Number of persons trained Male/Female separately	77						
6.	Number of beneficiaries - Total, Woman & SC/ST's separately	S.C.=1771 S.T. = 191 W= 764 G= 1944 T= 4670						

**DETAIL OF THE ACHIEVEMENTS UNDER CENTRALLY SPONSORED SCHEMES  
BACKYARD POULTRY SCHEME FOR THE PERIOD 2002- 03 TO 2009-10:-**

Name of the State Farm /address:-

**Him Hatchery, Sundernagar**

Sr. No.	Parameters	Achievement for the Year						
		2003-2004	2004-2005	2005- 2006	2006-2007	2007- 2008	2008- 2009	2009-2010
1.	Parent Stock Strengths maintained (Kindly also indicate the name of the stock)	693	593	846	2942	1318	1063 + 1379 <u>2442</u>	1560
2.	Number of eggs produced/procured from other farm	81454	128534	140194	169177	222491	268367	247553
3.	Number of chicks hatched	49704	82687	86695	102039	127785	164366	135372
4.	Number of chicks sold / distributed	28987	60327	80619	102039	127785	164366	135372
5.	Number of persons trained Male/Female separately	85	100	181	89	99 + 26=125	88 + 13 = 101	280+0 =280
6.	Number of beneficiaries - Total, Woman & SC/ST's separately	Nil	3320	S.C.= 458 S.T.= 192 W= 228 G= 979 <b>T= 1857</b>	S.C.=695 S.T.=592 W=1087 G=1871 <b>T=4245</b>	S.C.= 1582 S.T.= 492 W= 1281 G= 2477 <b>T= 5832</b>	S.C.= 830 S.T.= 562 W= 615 G= 1279 <b>T= 3286</b>	S.C.= 1134 S.T.= 679 W= 719 G= 1728 <b>T= 4260</b>

**DETAIL OF THE ACHIEVEMENTS UNDER CENTRALLY SPONSORED SCHEMES  
BACKYARD POULTRY SCHEME FOR THE PERIOD 2010-11 ONWARDS:-**

Name of the State Farm /address:-

**Him Hatchery, Sundernagar**

Sr. No.	Parameters	Achievement for the Year					
		2010-11					
1.	Parent Stock Strengths maintained (Kindly also indicate the name of the stock)	1596 (Chabro)					
2.	Number of eggs produced/procured from other farm	275078					
3.	Number of chicks hatched	138058					
4.	Number of chicks sold / distributed	138058					
5.	Number of persons trained Male/Female separately	590					
6.	Number of beneficiaries - Total, Woman & SC/ST's separately	S.C.=1193 S.T.= 296 W= 740 G= 1 561 T= 3790					

**DETAIL OF THE POULTRY UNITS ESTABLISHED UNDER THE BACKYARD POULTRY PROJECT  
OPERATIONAL IN THE STATE OF HIMACHAL PRADESH FOR THE YEAR 2010- 2011 :-**

Sr. No.	Name of District	Target	No. of Birds Distributed	No. of Beneficiaries to whom chick were distributed		Women	General	Total
				S.C.	S.T.			
1	SHIMLA	32500	32580	506	2	181	602	<b>1291</b>
2	SOLAN	25000	24935	342	0	116	307	<b>765</b>
3	SIRMOUR	25000	28505	419	2	164	423	<b>1008</b>
4	KINNAUR	17500	17278	96	141	102	37	<b>376</b>
5	UNA	25000	25197	209	45	120	290	<b>664</b>
6	BILASPUR	25000	24753	199	1	81	285	<b>566</b>
7	KULLU	26500	24038	258	17	138	197	<b>610</b>
8	MANDI	32000	30335	184	8	159	284	<b>635</b>
9	CHAMBA	21500	22747	324	217	209	428	<b>1178</b>
10	KANGRA	38500	34467	218	42	159	422	<b>841</b>
11	HAMIRPUR	21500	20245	209	12	75	230	<b>526</b>
	<b>TOTAL</b>	<b>290000</b>	<b>285080</b>	<b>2964</b>	<b>487</b>	<b>1504</b>	<b>3505</b>	<b>8460</b>

Note:- The total chicks produced and supplied by the hatcheries were however 2,93,547 which is higher than the target fixed. After deducting the transportation mortalities a total of 2,85,080 chicks were actually received by the poultry farmers. The transportation mortality percentage is far below the norms of 5% allowed by the Government of India which is highly commendable in the light of the extreme topographic and climatic conditions prevailing in the state.

**DETAIL OF THE PERSONS IMPARTED POULTRY TRAINING UNDER THE BACKYARD POULTRY PROJECT AND AT GOVERNMENT POULTRY FARMS OPERATIONAL IN THE STATE OF HIMACHAL PRADESH FOR THE YEAR 2010- 2011 :-**

Sr. No.	Name of District	Number of Persons Trained under Backyard Poultry Scheme					Number of Persons Trained at Government Poultry Farms				
		S.C.	S.T.	Women	General	Total	S.C.	S.T.	Women	General	Total
1	SHIMLA	506	2	181	602	1291	23	2	15	25	65
2	SOLAN	342	0	116	307	765	0	0	0	0	0
3	SIRMOUR	419	2	164	423	1008	15	6	25	31	77
4	KINNAUR	96	141	102	37	376	0	0	0	0	0
5	UNA	209	45	120	290	664	0	0	0	0	0
6	BILASPUR	199	1	81	285	566	0	0	0	0	0
7	KULLU	258	17	138	197	610	0	0	0	0	0
8	MANDI	184	8	159	284	635	40	6	144	443	633
9	CHAMBA	324	217	209	428	1178	0	0	0	0	0
10	KANGRA	218	42	159	422	841	19	0	3	21	43
11	HAMIRPUR	209	12	75	230	526	75	1	22	58	156
	<b>TOTAL</b>	<b>2964</b>	<b>487</b>	<b>1504</b>	<b>3505</b>	<b>8460</b>	<b>172</b>	<b>15</b>	<b>209</b>	<b>578</b>	<b>974</b>
<b>Grand Total of Trainees:-</b>											<b>9434</b>

**CONSOLIDATED DETAIL OF THE PERSONS IMPARTED POULTRY TRAINING BOTH UNDER THE BACKYARD POULTRY PROJECT AND IN GOVERNMENT POULTRY FARMS OPERATIONAL IN THE STATE OF HIMACHAL PRADESH FOR THE YEAR 2010- 2011 :-**

Sr. No.	Name of District	Number of Persons Trained under Backyard Poultry Scheme				Total
		S.C.	S.T.	Women	General	
1	SHIMLA	529	4	196	627	1356
2	SOLAN	342	0	116	307	765
3	SIRMOUR	434	8	189	454	1085
4	KINNAUR	96	141	102	37	376
5	UNA	209	45	120	290	664
6	BILASPUR	199	1	81	285	566
7	KULLU	258	17	138	197	610
8	MANDI	224	14	303	727	1268
9	CHAMBA	324	217	209	428	1178
10	KANGRA	237	42	162	443	884
11	HAMIRPUR	284	13	97	288	682
	<b>TOTAL</b>	<b>3136</b>	<b>502</b>	<b>1713</b>	<b>4083</b>	<b>9434</b>