



POULTRY SEED PROJECT

Bihar Veterinary College, Patna-14

Bihar Animal Sciences University Patna - 14 (Bihar)



Funded by : ICAR-DPR, Hyderabad

- 1. Project Title** : **POULTRY SEED PROJECT**
- 2 Report Period** : April, 2018-March, 2019
- 3. Date of Start** : 17th September, 2009
- 4. Institute / Organization** : Bihar Animal Sciences University, Patna
- 5. Division / Department** : Animal Husbandry Extension &
Education
- 6. Name of the Centre** : Bihar Veterinary College
Patna-800 014
- 7. Principal Investigator** : **Dr. Pankaj Kumar**
Head
Deptt. of A.H. Extension Education, Bihar
Veterinary College, Patna
- 8. Co-PI** : **Dr. Sanjay Kumar,**
Asstt. Professor-cum-Jr. Scientist
Deptt. of LPM
Bihar Veterinary College, Patna
- 9. Objectives** :
- (i) The primary objective of Poultry Seed Project is to ensure the availability of improved varieties of chicken germplasm to all the needy and poor farmers.
- (ii) To popularize the backyard poultry farming in the state of Bihar.
- (iii) Livelihood and food security through targeted community intervention.
- 10. Technical Programme** :
- The technical programmes assigned to the Patna Centre are :
- (i) The Centre will purchase the parent stock (male and female lines) of Vanaraja and Gramapriya from Project Directorate of Poultry Research, Hyderabad.
- (ii) Rearing of day-old parent chicks as per guidelines of Project Directorate on Poultry, Hyderabad.
- (iii) Distribution of chicks to the farmers for backyard poultry farming with the help of Govt., NGOs and Private agency.
- (iv) Regular monitoring of beneficiaries by PSP group / Scientists.

Table - 1 Parent Stock position on 31.03.2019

Batch No.	Received on	No. of DOC Received		Stock Position as on 31.03.2019		Remarks
		Male	Female	Male	Female	
Batch-IX	17.08.2017	180	1025	77	565	-
Batch-X	27.06.2018	284	986	135	854	-
Batch-XI	27.02.2019	-	950	-	905	-

Total		*464	*1936	*135	*1759	-
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* Indicating sum of 10th and 11th batches.

During the period under report 464 male and 1936 day old chicks of Vanaraja have been procured from DPR, Hyderabad out of which 135 male and 1759 female birds were present as on 31.03.2019.

Table -2 Month wise fertility and hatchability percentages of eggs during the period 2018-19.

Month	Fertility %	Hatchability Percentage	
		TES	FES
(A) Vanaraja			
April 18	69.44	76.45	89.04
May 18	81.34	69.25	50.05
June 18	77.32	86.65	60.63
July 18	79.24	46.22	64.00
Aug 18	82.10	56.37	45.15
Sept 18	80.25	54.40	46.09
Oct 18	87.11	66.16	47.05
Nov 18	82.45	31.33	44.77
Dec 18	81.55	53.20	75.63
Jan 19	69.43	45.45	59.31
Feb 19	71.46	85.45	69.42
March 19	78.86	93.70	81.43
Over all percentage	78.27	68.37	72.54

Table- 3 Production of day-old chicks during the period April, 2018 – March, 2019.

Month	No. of DOC produced
April' 18	15966
May' 18	6816
June' 18	6617
July' 18	4274
Aug' 18	3722
Sept' 18	3424
Oct' 18	2805
Nov' 18	2046
Dec' 18	2541
Jan' 19	2915
Feb' 19	5869
March' 19	11850
TOTAL	68845

Table -4 Month wise distribution of commercial chicks during the period 2018-19.

Month	Vanaraja		
	DOC	Grower	TOTAL
April'18	12896	2009	14905
May'18	7956	1035	8991
June'18	4400	200	4600
July'18	7280	318	7598
Aug'18	2338	950	3288
Sept'18	1778	1180	2958
Oct'18	2779	200	2979
Nov'18	2808	-	2808
Dec'18	1069	10	1079
Jan'19	1575	1500	3075
Feb'19	3432	1922	5354
March'19	5700	5844	11544
TOTAL	54011	15168	69179

Nursery birds at the age of 5-6 weeks were distributed among the farmers through various agencies like ATMA and KVKs to promote backyard poultry farming in the state. Birds were distributed through KVKs & NGOs. Birds were also distributed among the farmers through Agricultural Technology Management Agency (ATMA) in the Naksalite affected areas of Jehanabad and Gaya districts. Demonstration and training programmes were organized by the PSP, BVC, Patna with the help of ATMA for adoption of this project among the farming community. Birds have also been supplied to the farmers of Chatra, and Hazaribagh district in Jharkhand.



Low cost Double Story Poultry shed



Visit of PI, PSP, BVC Patna center for training.

