

SBKVK

Back Yard Poultry Farming with new Improved Breed



Seva Bharati Krishi Vigyan Kendra

Most of the adopted villages of KVK are predominantly occupied with SC/ST people. The farmers are facing acute problem due to mono cropping pattern of the area due to poor soil status, erratic rainfall, lack of quality seeds/breeds. There is no proper avenue to augment income for rural folks also. Despite the fact that almost every family use to keep poultry birds as a tertiary source of income but the ultimate return is poor due to non availability of good genetic stock and improper management. Besides, almost every year the farmers loose the entire flock of birds due to epidemic of Ranikshet disease. The major constraints for poultry in this area are as follows:

- Non availability of quality breeds
- Inadequate brooding facility
- Lack of technical knowledge

Through survey, Agro-eco system analysis and diagnostic team visit, SBKVK found that backyard poultry could be a profitable resource for the farmers.

Following methodological approach had been adopted to extend training and demonstration on Back yard poultry:

Formation of Village Cluster → Organize meeting with Animal Resource Development department and Village Panchayat → Beneficiaries Selection → Support with: (i) Monitoring & Follow up (ii) Convergence of other stake Holders (iii) Frontline Transfer of Technology → Sustainable Livelihood support through poultry production.

Keeping the objective in view, SBKVK had carried out “ON-FARM-TRIAL” with different type of breeds which would be ideally suitable in this region in collaboration with Central Avian Research Institute, Izzat Nagar, District Line Department. The results of OFTs are given below:

Treatment	Egg production (per hen / yr)	Weight at maturity(kg)	Net. return Rs/hen	Benefit cost Ratio
FP: Dishi without Vaccination	79	1.227	156	2.20 :1
Option I: RIR with vaccination (F ₁ , R ₂ B)	166	1.708	234	2.58 :1
Option II: Dishi with vaccination (F ₁ , R ₂ B)	78	1.256	152	2.1 :1
Option III: Kuroiler with vaccination (F ₁ , R ₂ B)	160	1.870	210	2.51 :1
CD at 5% level	146	12		

Treatment	Egg production (per hen / yr)	Weight at maturity(kg)	Net.return Rs/hen	Benefit cost Ratio
FP: Dishi with out Vaccination	85	1.227	160	2.23 :1
Option I: CARI	176	1.708	297	2.69 :1

Nirveek with vaccination (F ₁ , R ₂ B)				
Option II: CARI Shyama with vaccination (F ₁ , R ₂ B)	185	1.256	300	2.57 :1
Option III: HITCARI with vaccination (F ₁ , R ₂ B)	192	1.870	330	2.73 :1
CD at 5% level	57	0.31		

The result of "ON-FARM-TRIAL" regarding Kuroiler and Hitcari & SHYAMA has been extrapolated through Front Line Demonstration in Jamboni, Binpur-I & II and Jhargram blocks under Jhargram Sub Division.

List Of Beneficiaris & Villges Coverd Under Demonstration			
Sl No	Name of Farmers	Village	Block
1	Kush Mandi	Kukurmuri	Jamboni
2	Jaleswar Murmu	Kukurmuri	Jamboni
3	Shyam Hembrom	Beliagurii	Jamboni
4	Babual Murmu	Beliaguri	Jamboni
5	Dharan Patar	Kapgari	Jamboni
6	Kunjatal Patra	Kapgari	Jamboni
7	Ajit Ghosh	Kapgari	Jamboni
8	Kali Saren	Chansara	Jamboni
9	Gopinath Saren	Gagnasuli	Jamboni
10	Satyan Paul	Hatiasuli	Jamboni
11	Ram Chandra Murmu	Purnapani	Jamboni
12	Tilu Mandi	Kenduasuli	Jamboni
13	Sk.Kalu	Bankber	Jamboni
14	Sibaprasad Dandapat	Kapatkata	Jamboni
15	Sk Etim Ali	Kapasita	Jamboni
16	Sk Ali Hossain	Parihati	Jamboni
17	Sk Mokbul	Beragari	Jamboni
18	Goffer Mir	Beragari	Jamboni
19	Chunarum Mahato	Balibundh	Jamboni
20	Tanmoy Mahato	Bhagabundh	Binpur-II
21	Pasupoti Mahato	Bhagabundh	Binpur-II
22	Chandan Mahato	Bhagabundh	Binpur-II
23	Chinmoy Mahato	Bhagabundh	Binpur-II
24	Arun Mahato	Ergoda	Binpur-II
25	Bhabesh Mahato	Ergoda	Binpur-II
26	Umasankar Mahato	Rajpara	Binpur-II
27	Dhanapati Mahato	Bijrabandhi	Binpur-II
28	Bikash Ranjan Panigrahi	Bijrabandhi	Binpur-II
29	Agrani Sangha	Bijrabandhi	Binpur-II
Sl No	Name of Farmers	Village	Block
30	Prayiamoni Murmu	Sarengasuli	Binpur-II
31	Nabadiganta F.S.Club	Bhagabundh	Binpur-II

32	Raju Saren	Sarengasuli	Binpur-II
33	Ananda Ahir	Bhandaru	Binpur-II
34	Suahil Ahir	Bhandaru	Binpur-II
35	Barin Das	Sevayatan	Jhargram

Impact:

- Average egg production per bird/year raised up to 192 eggs from 85 eggs per bird/year.
- Net annual return from 12 dishi hen is about Rs. 1470/- which has been raised up to Rs. 2150/-by rearing same nos of improve backyard breeds of hen.
- Demand for the brooded chicks of HITCARI & SHYAMA have also been increased in adjoining villages of Jamboni, Binpur II, Jhargram, Gopiballavepur-I&-II, Medinipur Sadar –I &-II blocks as well as other district like Purba Medinipur & adjoining state Jharkhand
- Nutritional status of the beneficiary family improved.
- New cross breeds between Dishii & Improve breed are coming up