

Medicinal black poultry meat breed popularization by KVK,Reasi

Kadaknath is only Black Meat Chicken (B.M.C.) Breed of India. It is a native bird of Madhya Pradesh, reared mainly by the tribal communities of Bhil and Bhilala. China has the Silkie chicken and Indonesia the Avam Cemani are some other few black chicken varieties of the world. A survey was conducted in Reasi district of Jammu (J&K) and women farmers were identified which mainly were landless and small marginal farmers and below poverty line. Near about 1500 No. of birds were distributed with 10



birds each to women farmers and 15 birds each to widow and below poverty line farmers. Farmers were given training for rearing these birds and were advised to make small wooden cages to prevent predation and to rear these birds mainly for egg purpose. Women farmers showed interest in care, feeding and management of these birds. Households engaged in BYP had a small but steady flow of income by selling of eggs almost every day, at the rate of Rs. 8 to 10 per egg. Being a unique and highly nutritious value meat of this chicken is sold @600-700Rs/kg. The acceptability among the people is found to be high, as being a unique variety it has triple advantage in terms of colour and hardiness like local bird, high egg laying capacity (120-140 eggs/year) and higher weight gain than the local birds. It has better resistance against common poultry diseases and is adaptable to the free range rearing with minimum supplementation of locally available feed ingredients. Thus main objectives of this technology introduction is enriching small farmer and landless labour farmers through a gender empowerment and protection of environment, is envisaged on the larger canvass of 'rural development' using back yard poultry farming among, landless farmers especially women.

KVK, Reasi made an attempt by introducing this unique breed in village Dhirthi, Panesaa, Talwara, Tanda, Kanjali with 30,44,20,20,15 number of households were given birds respectively. These villages are having a low source of income as they have small scattered agricultural land for farming purpose. They mainly work as farm labours in local farmer's field. Women either remain at home or accompany men to farmer's field. Thus in order to provide these farmer with specialized farming which does not require land and also generates good source of income for improving their livelihood security. Krishi Vigyan Kendra, Reasi made an attempt to improve socio-economic status of these women farmers with following objectives in mind.

- 1) To encourage these farmers especially women to contribute to families income.
- 2) To provide these women with small but steady source of income round the year.
- 3) To improve nutrition requirement of their family

COMPARISON OF DESI AND KADAKNATH

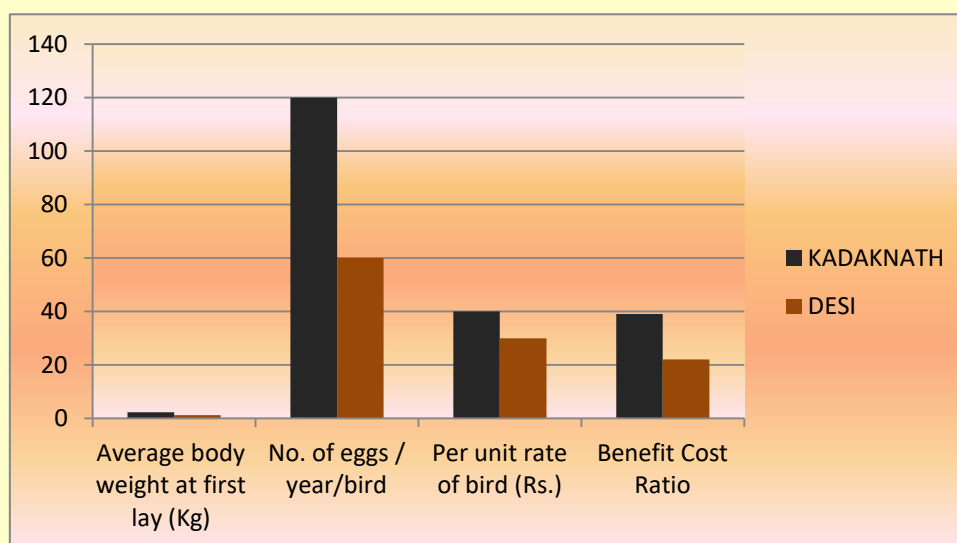
Content	Kadaknath	Others
Protien	25%	18-20%
Fat	0.73-1.03	13-25%
Linoleic acid	24%	21%

Cholestrol	184.75 mg/100gm	218.12mg/100gm
Meat price	600-800 Rs/Kg	250-300 Rs /Kg
Egg Price	8-10 Rs /Egg	6-8 Rs /Egg

Households engaged in BYP obtain a small but steady flow of income by selling of eggs almost daily, at the rate of Rs. 8 to 10 per egg. The total gross income from eggs per bird @ 8 Rs /egg was about 960 Rs/-. Farmers also sell live birds, at a price ranging between Rs. 600 to 800/ kg live weight. It was observed that on an average 4 birds were sold for meat purpose where as 6 birds were kept for egg purpose. Average annual income generated from backyard poultry birds was calculated to be **Rs. 8160** per household although high variation among households was observed. A positive association between economic condition, availability of grains, literacy of family farmers and income generated from birds was observed. Most of the households disposed off produce like eggs or chickens in nearby markets, whereas, those away from the towns sold at door steps.



Chart depicting Comparison between Kadanath and local Desi Bird



Income Comparison between Vanraja and local Desi Bird

Poultry	Average body weight at first lay (Kg)	No. of eggs / year/ bird	Per unit rate of bird (Rs.)	Income per year (Rs)/bird			Benefit Cost Ratio
				Kadakhnath egg@8 Rs	Desi egg@6Rs	Kadakhnath meat@600Rs	
				Eggs	Meat	Total	
Kadakhnath	2.30	120	40	960	600	1560	39.00
Local	1.25	60	30	360	300	660	22.00