



Title: Performance of White Pekin duck Vigova M.Super under backyard system

Introduction: Duck farming may be a lucrative livestock industry within the globe due to its egg, meat and feather. Ducks are reared for eggs and meat production like chicken. Duck farming has the potential and may take the advantage to interact rural people in duck production. It is an important tool for alleviating poverty among the rural communities and has great potentials in tribal area. As compared to chicken ducks are more prolific and more adaptable to free-range system of rearing. They also grow faster than chicken however; meat type of duck is not easily available.



KVK's Intervention

Keeping in mind the potential and advantages of duck farming, KVK Kohima conducted On Farm Testing (OFT) on White Pekin Duck to assess the performance of White Pekin Duck under backyard system during the year 2022-23 & 2023-24. The programme was carried out in five villages namely Henbenji, Phenwhenyu, Guju under Tsemnyu district and Jotsoma, Dzudza under Kohima district. Thirteen farmwomen were selected from the selected villages and trained on duck farming and further motivated through a series of group meeting and discussion. Critical inputs like 270 numbers of 6 days old White Pekin duckling i.e Vigova M. Super, feeds, digital weighing balance and veterinary medicine and Veterinary services were provided till the completion of the On Farm Testing.

Distribution of ducklings



Table.1 Performance in terms of growth, mortality & technology output

Enterprised Poultry	4 weeks (kg)	8 weeks (kg)	12 weeks (kg)	Mortality (%)	Av.daily wt. gain (g)	Production/unit (nos.)	Net return (Rs.)	B.C Ratio
White Pekin duck	0.970	1.710	2.60	Nil*	30.95	20	10420.00	2.60
Desi/ Pati duck	0.276	0.533	1.04	Nil*	12.38	20	2752.00	1.72

* During the studied period

Impact of Technology: The farmers sold the birds @ Rs. 450/- per kilogram, fetching a gross return of Rs. 16,920.00 with a net profit of Rs.10,420.00 per farmer.

The impact assessed was good nutrition, social security, self employment and continue to inspire fellow citizens of the village. The performance of White Pekin Duck was found favourable and promising in terms of growth and meat quality as revealed by the farmers.

