

## **POULTRY RESEARCH STATION**

**Rajendranagar, Hyderabad**

Poultry Research Station is located on the main campus of the University. Its focus is on the rural poultry with main objectives of developing suitable backyard poultry varieties and improving the existing varieties. It contemplates to conduct research in to various aspects of rural poultry such as breeding, nutrition, health, management, economic and marketing aspects.

This Institute has already developed a coloured bird called **RAJASRI**, suitable to backyard farming. This bird, a synthetic variety involving White Leghorn, Desi, Dalhem Red and RIR is in to 8<sup>th</sup> generation. It attains about 1.5 kg body weight in 4 months and produces about 170 eggs per annum. This thrives well under backyard conditions and under low input or scavenging system. This bird has been well accepted by the farming community. So far, more than 10 lakh birds have been supplied under various developmental programs funded by agencies like SERP, RKVY, TSP, DBT etc. and also directly on payment basis.

This Station has a land area of 6.25 acres. An Office cum Laboratory building with 15,000 sft of covered area houses Administrative Office, Hatchery and Laboratory. There are 17 poultry houses with a total plinth area of 41,000 sft to house different age groups of poultry. Besides, there is a feed mixing plant along with a feed godown.

### **Research Projects completed:**

#### **1. Revolving Fund Project on Rural Poultry, Rs. 1.0 Lakh as Corpus Fund, 2008 to till date**

- To develop a layer bird with coloured plumage capable of laying 160-180 eggs up to 500 days with an average egg weight of 55 g at 40 wk age which is hardy and able to survive under harsh climatic conditions and backyard production system

#### **2. Sustainable Livelihoods of Rural SC/ST Population using Backyard Poultry as a Tool, Rs. 10.54 lakhs, DBT, 2008 to 2010**

- To enhance livelihood of rural SC/ST population through backyard poultry rearing

#### **3. Induction of Backyard Poultry units in PoP families in Dairy and CMSA mandals by SERP – Supply chain management of Rajasri day old chicks and technical back stopping by University, Rs. 60 lakhs, 2011 to 2013.**

- To establish parent stock with about 3000 hens and 600 cocks
- To organize supply chain for producing 5 lakh chicks per annum
- To organize trainings to village level functionaries of SERP, Govt. of A.P.

**4. Promotion of Backyard Poultry using Rajasri variety for sustainable livelihood and Nutritional security of tribal population in Warangal district of AP, Rs. 32 Lakhs, 2013**

- To promote backyard farming using RAJASRI birds as eco friendly livelihood option in tribal areas of A.P.
- Capacity building of tribal youth in knowledge and skill components on poultry nursery.
- To promote market linkages for naturally produced poultry products

**5. Integration of Small Scale Layer Units with Nutritional Day Care Centres organized by ITDA for Providing Nutritional and Livelihood security to tribal Pre-school Children, Lactating and Pregnant women in Warangal District” Rs. 18 Lakhs, 2014-15, (ICAR- TSP)**

**6. Research on Backyard Poultry - Livelihood and nutritional security of BPL families under rural scenario (Strengthening of infrastructure and running costs), Rs. 10 Lakhs, 2014-15, RKVY.**

**7. Enhancing livelihoods of rural farmers by supplying backyard Rajasri variety chicks**

- From 2015 onwards 9, 06,449 day old chicks were supplied to farming community.

**8. Supply of Rajasri Grower birds (6 weeks)**

- Supply of Rajasri grower birds of 6 weeks age to farmers through various external agencies like DOR, KVKs and line departments to promote the rearing of this variety in farming community.
- From 2017 onwards 18,524 grower birds of Rajasri were supplied.

**Faculty:**

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