

Project report to start backyard poultry farming

Dear Sir,

Solar Energy becoming an integral part of our life. From the beginning of this universe it was there however now only, we have realized its potential and various applications in our day today life. We got an opportunity to develop an innovative product called SOLAR POULTRY INCUBATOR with the technical and financial support from IIT Madras, India in 2007 and it is mentioned in 2012 Limca Book of records too.

This Fully Automatic incubator unit is capable of hatching Eggs of Quail, Chicken, Turkey, Goose etc. Supplied with fully automatic heat control system with an excellent thermal properties of the Mica cabinet to ensure the best possible conditions for egg incubation particularly in rural villages.

This incubator is developed exclusively for unemployed woman living in rural Villages, to find and create their livelihood themselves. It's a kind of a self-employment venture for women folks to support their families. This project has been approved by IIT Madras, Chennai, India and financed by L-Ramp, USA. Now we are doing Back yard Poultry farming with various NGOs and impart training for women folks to hatch eggs in Solar Poultry incubators in those villages where there is no electricity connection from Grid or having frequent power cuts.

We have developed 200 to 500 Eggs Capacity Incubators so far. We are the pioneers in Manufacturing Solar Poultry Incubators in India. At present we are running projects in Madhya Pradesh, Gujarat, Andhra Pradesh, Nepal etc. This is a fully automatic System. Without the support of grid power or Generator it can work. Now we are exporting it to various Countries.

We are also renting out poultry incubators on monthly basis. For one hatch we charge Indian rupees Rs.20.00 per Egg. We are hatching Kadakkanath chicken and other fancy Chicks too in our research farm for poultry growers. Those who bring eggs will be kept in our "In house hatchery" and give them chicks after 21 days.

Fully Automatic (200-500 eggs capacity)



TECHNICAL SPECIFICATIONS

Power – 24V/250 watt 4 nos , DC System.

Vega Solar Photo voltaic Module, Exide battery – 12 V/200 Ah – 2 nos

Charge Controller – 24V/20 Amp - 10 mm Core Copper Cable

We are associated with Krishi Vigyan Kendras in 12 Indian states in India. Conducting projects in Jhabua, Dhar, Burhanpur in Madhya Pradesh, Ranchi, Hazaribag, Godda in Jharkhand, N G Ranga Agri. University in Ananthapur, Andhra Pradesh, Jayasankar Agri. University in Hyderabad, Meghalaya state council for technology and environment etc..etc...

We have started Back yard poultry farming with a vision to create employment for the unemployed illiterate women living in rural India. This is truly a process of EMPOWERING WOMEN especially for those who are living in rural villages and where there is no electricity or sufficient rain fall to do cultivation in their farm land..... We says, When there is no RAIN.... there is SUN. So we teach them to Harness sun shine and produce electricity to run Solar Poultry Incubators "A self employment venture by unemployed women".

We are also supporting to grow Kadakkanath Medicinal chicken , originated from Jhabua, Madhya Pradesh. It's 1 KG Flesh cost Indian Rs.1000.00 and Egg cost Rs. 50.00 each. Its a profitable farming and a good service to the society. This Kadakkanath Chicken flesh is good for Heart attack and Asthma patients.

There are certain villages in India having Self Help Groups doing Backyard poultry farming in a big way. Each group consisting of ten ladies. They can avail up to 30 Lakhs bank loan with minimum interest without collateral to start the project.

KADAKANATH MEDICINAL CHICKEN

The Kadaknath Chicken is an [Indian](#) breed of [chicken](#) local to [Jhabua](#) and [Dhar districts](#) of eastern [Madhya Pradesh](#), where it is known as "Kali masi" ("fowl having black flesh").^[1] Due to its high protein and very low fat and cholesterol levels, it is in high demand. Its fat content, is 0.73 — 1.03% compared to 13 to 25% in most other chicken breeds.

The breed

The Kadaknath is popular mainly for its adaptability and good-tasting black meat, which is believed to infuse vigor. Its color stems from [melanin](#).

Colour

The birds are completely black: black plumage with a greenish [iridescence](#), black legs and toenails, black beak and tongue, black comb and wattles, black meat and bones and even dark organs. This breed is also found in Indonesia where it is known as [Ayam Cemani](#).

Threat of extinction

Due to the relatively high consumption of the breed, its numbers have sharply declined. To save the breed from extinction, the state government started a Kadaknath poultry breeding program involving 500 families from [below the poverty line](#) families, who were to receive financial support and assistance in India.



Lifeway Solar Devices Pvt. Ltd at Cochin, www.lifewaysolar.com A Kerala based manufacturer of Solar Poultry incubators and also developer of this project which will give technical support to the buyers. Similar Projects are running in Jhabua under the stewardship of Grameen Vikas Trust in Jhabua and also in Ananthapur under KVK and Ranga Agricultural University in Ananthapur.

We are inviting NGOs and like minded Farmers interested to do Back yard poultry farming in your state. Especially when world Agricultural production uncontrollably coming down due to lack of interest in conventional farming among new generation. Chemical and pesticide sprayed food creating cancer like diseases in the world. Broiler chickens are grown with Hormone food. To achieve 3 kg meat within 45 days farmers using all kinds of gimmicks. Children are eating ready to eat Jung food mixed with chemical flavours and tastes.

At this Juncture,we have to inculcate a culture of Organic farming and production of Country chicken in villages by new generation. Govt. must take leadership in such projects/avenues where we have adequate technology, equipment and support. We are willing to come and participate and conduct awareness classes to start Back Yard Poultry farming and thereby starving villagers are becoming capable to find their own Livelyhood.

Hope your office appreciates our effort and gives us an opportunity to serve humanity.