



Ottathaikkal Farm



Lakshmi G

2/108 MLA Road Puthiyakavu Udayamperoor Ernakulam 682309 ,
Ph :9847058057,



D&O License No: C1 583/19-20 Farm License No : C1-549 /18-19
Food safety and standard act of India -: (FSSAI)
Reg. No. 21319186000214



Ottathaikkal Farm





Background

- **After 10 years of life in flats in cities, in 2014 moved to our ancestral home in Puthiyakavu, Tripunithura Kerala state**
- **The Initial plan was only to stay & maintain the house**
- **Eventually started developing a garden & watch dogs**
- **Later added poultry varieties & added a cow & goat**
- **Gradually the number of cows kept increasing & the calves were also grown in house**
- **Till 2018 dairying was taken primarily as an engagement without profit**



Ottathaikkal Farm

- There was a demand for pure milk and milk product
- Therefore we Registered a Farm entitled **Ottathaikkal Farm** & took Fssai / Packing & other statutory licenses.
- Presently, milk & milk products like Curd / Paneer/ Butter Milk / Butter & Cow Ghee was produced and sold from home
- The farm has now 14 Cows & 3 Goats as part of dairy
- We also developed automation for milking , washing, cream separation etc.



Challenges

- **Non availability of the good veterinary services even at emergency**
- **The service was largely rendered by a retired Live Stock Assistant as availability of veterinary doctors was difficult**
- **Lack of good quality semen and irrational insemination & success rate was very poor**
- **Challenge for keeping the quality of milk and customer satisfaction**

Alternate option



- **Mean time we have attended a training programme on the preparation and application of Ethno-veterinary practice to reduce antibiotics and other chemical veterinary drugs**
- **This programme was supported by Department of science and Technology Government of India conducted by Dr. M.N Balakrishnan Nair, P.K Narayana Kaimal & Abhilash Raju at Manikkamangalam Milk Society**

Alternate option



- **The Secretary Manikkamangalam Milk Society introduced Abhilash Raju who is part of the Ethno-veterinary team**
- **Abhilash Raju trained us and extended his service of to familiarize Ethno- veterinary herbal treatment in our farm**
- **Abilash Raju also an expert in artificial insemination and trained Ethno-veterinarian.**



Ethno-veterinary Practices

- **Last 2 years along with Mr. Abhilash we had corrected repeat breeding and he assisted Pregnancy diagnosis and other clinical conditions of cattle.**
- **We are now able to manage FMD, Repeat breeding, Diarrhoea, Ana plasma, Theileriasis and lumpy skin Disease (LSD).**
- **I have a small area for growing herbal plants, rice and vegetables**

The medicinal plants



- Many of the ingredients of Ethno-veterinary formulations are present in the kitchen (**Turmeric, cumin, coriander, fenugreek, asafoetida, onion, garlic, ginger, coconut oil, Sesamum oil**).
- I grow few medicinal plants like *Aloe vera*, *Curcuma longa*, *Mimosa pudica*, *Zingiber officinale*, *Ocimum sanctum* and fodder grass
- Rest them like *Andrographis paniculata* we out source
- By using EVP our health expenditure has come down substantially and we are able to manage the health of our livestock more effectively

Aloe vera



Zingiber officinale
Ginger



Curcuma longa
Turmeric



Ocimum sanctum
Basil



Mimosa pudica
Touch me not



Fodder grass





Future Plans

- **Get the milk and milk products tested for antibiotic residue**
- **Want to provide a residue free certified milk and the milk products to the consumers**
- **Learn more EVP for other clinical conditions and use them even for prevention of diseases**



Thank You