



Modern Loose housing system with Sugarcane trash as a bedding material for crossbred cows.

Contact Farmer of KVK Baramati

Shri. Bhimrao Balaso Gavde

Village: Medad, Tal- Baramati Dist- Pune, Maharashtra
(Mobile- 09766238120)

Profile

Age : 29 years

Education : 12th std

Land holding : 6 ha

Farming experience : 10 years

Crops grown : Sugarcane, Bajara, Wheat & fodder crops.

Livestock : Crossbred Holstein Frisian cows, goats & Wanaraja breed for backyard poultry

Chief volunteer Bhairavnath Farmers Club, Medad, Tal. Baramati, Pune

Master farmer Dairy enterprise

Recognition

President of Bhairavanath farmers club, Medad
Acting as master trainer for the NABARD's project for Dairy & wheat producing farmers club.
3204 farmers visited his loose housing dairy farm in the year 2010 to 2012.

Description of Innovation

Dairy farmers in Pune district conventionally tying up their animals in animal shed on concrete flooring. There are increased incidences of mastitis, Leg & hoof injuries, Indigestion, Acidosis & tick infestation.

I am using modern loose housing system with sugarcane trash as a bedding material in open yard instead of using murum flooring. Along with that i have installed one wooden brush in open area (coconut rope is winded around the dried tree stem) with idea that animal can groom their body on their own. I have Wanaraja poultry birds as backyard poultry which are picking ticks from animals.

Practical Utility of Innovation-

By following this system, there is reduction in incidences of mastitis, Indigestion & acidosis so that the expenditure on treatment on these diseases reduced by 75%. Cow urine & moisture from manure is absorbed by the sugarcane trash & so the FYM production is increased by 36%. Increase in content of milk is observed by 12% & milk yield by 16%. So much of labour required to pull out dung from cattle shed & offering drinking water to animal is reduced by 40%. Backyard poultry birds like Wanaraja picking up ticks from animals body. Due to sugarcane trash manure, the crop yield of sugarcane increased from 38 MT/acre to 81 Mt/acre. Loose housing system with sugarcane trash bedding was not popular in Baramati block previously but after adoption of this technology, 57 farmers in Baramati block has started their loose housing units with my guidance.

