

Pakistan's First Environmental Controlled Dairy Barn

Salient Features

- Pakistan's first Environmental controlled Dairy
- Comprising of 150 Pure Holstein Friesian cows
- Started operation in April 2010
- Currently milking 70 cows with 18.5 liters Avg late lactation and pregnant Cows.
- Remaining herd dry
- Second Lactation 38 liters/ day less than 40 days in milk

Environment?

- Holsteins are the worlds most popular breed for production
- They also require an optimal temperature of 0-25 degrees to show their potential
- Air conditioning is the only way to achieve such results (cost factor)
- Tunnel Ventilation is the only option we are left with to tackle this hot and humid climate

OBSERVATION

- Improved animal Body Condition Score (animals been through summer have a story to tell)
- Improved feed intake resulting in production
- Drop of 15% production as apposed to 35-50 at some farms with similar breed
- Similar cost of electricity compared to farms with open house with exotic animals
- Easier to manage and monitor health since the animals are easy to spot
- Maintained the temperature from 26-28 compared to 36-38 (open house) with outside temperature of 47C

Challenges

Cost of Animal Housing from 50,000 to 75,000 (This will pay off in terms of longevity).

- Electricity intensive (During summer Generators are require)
- Other useful ways like biogas means can be explored.
- Nutrition (the mother of Dairy Operation)

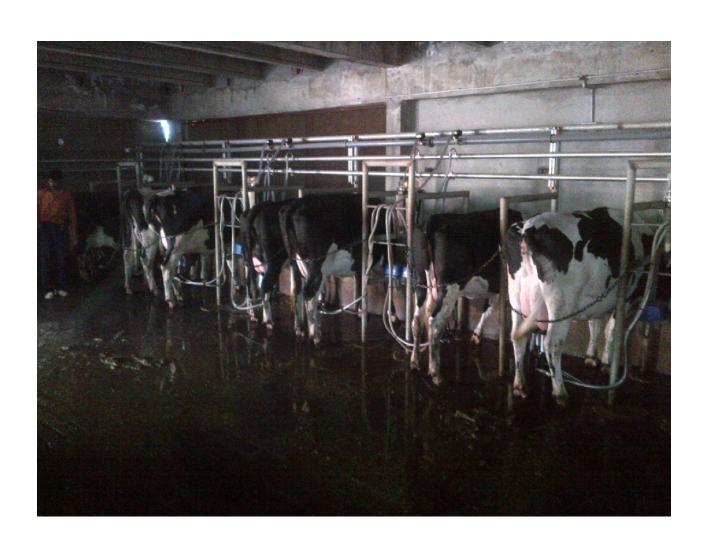
SO FAR SO GOOD

More than 15 Controlled houses have been made after our experience

Springing Heifers



MILKING



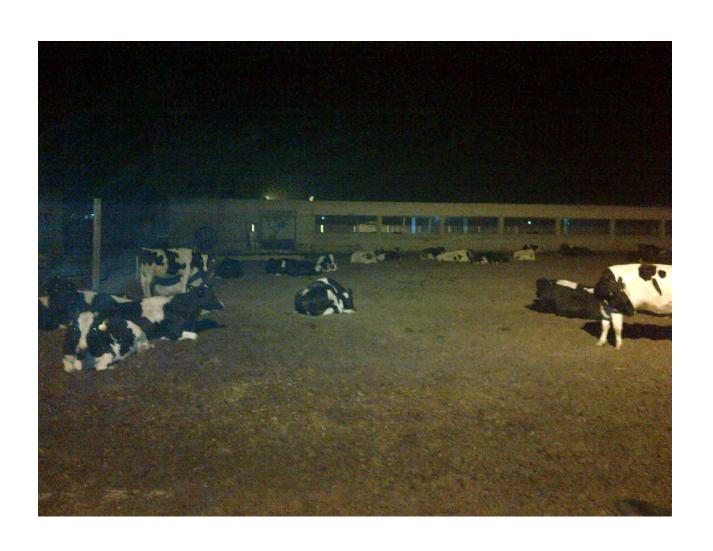
OUTDOOR



barn



OUT DOOR NIGHT



Tomorrows cows

