



***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

