



DAIRYPRO
Your Productivity Partner

Cow Cooling System: Water Soakers on Feedrail

Reducing Heat Stress leads to Increased Productivity

Signs of heat stress in dairy cattle are noticeable as temperatures near the 20°C mark. Cows start eating less. Milk production falls. Reproductive problems increase. Overall animal health is jeopardized. Shade from a roof cover and a ventilated housing area are essential, but are simply not enough in hot climates.

Research on dairy cooling shows that cover shade in combination with intermittent showering on the feedrail is a very effective method of cooling dairy cows, in the pursuit of improved cow production performance during hot, humid weather conditions.

Benefits:

- the system controls the amount of water used by adjusting shower times automatically to reflect increases and decreases in temperature, which eliminates programming guesswork.
- Easy and economical to install and operate, giving you a quick return on investment
- User-programmable controller creates customized cooling programs, based on time and/or air temperature, for up to four different zones in the barn. Two-Year warranty on all controllers.



PRO TIP: Soakers should be integrated with Blast or Basket Fans on the feedrail to provide the most effective Cow Cooling System (evaporative) to Maximize Milk Production:

Research has shown that the best solution for conquering heat stress by pulling heat from your milking cows is periodic wetting of the back and hide with a coarse droplet shower (“soaker”, which is different than fine spray “misting”) combined with air movement from fans to evaporate the water. The integrated system offered by DairyPRO includes user-programmable soaker units spaced every 2m along the feedrail and basket fans spaced approximately every 7m over the feedrail.