



Longer Bunk Life – Cooler Rations

Effects of Heat Stress on Cows

- ✓ Reduced feed intake
- ✓ 10% to 25% lower milk production
- ✓ Decreased milk fat percentage
- ✓ Decreased fertility
- ✓ Depressed immune system and potential death
- ✓ Higher maintenance requirements
- ✓ Over all less efficient milk production



Stop the losses with Ration Guard

- ✓ Keeps rations cooler
- ✓ Longer bunk life
- ✓ Maximizes feed intake
- ✓ More intake = MORE MILK



Ration Guard® is a registered trademark of International Stock Food Corp., Woodstock, GA

Keeping cows cooler and feeding cooler rations can help during the hot summer months when cows back off feed

When does heat stress start?

Heat stress is a function of both relative humidity and temperature. Cows can be in mild stress even when the temperature is as low as 75°

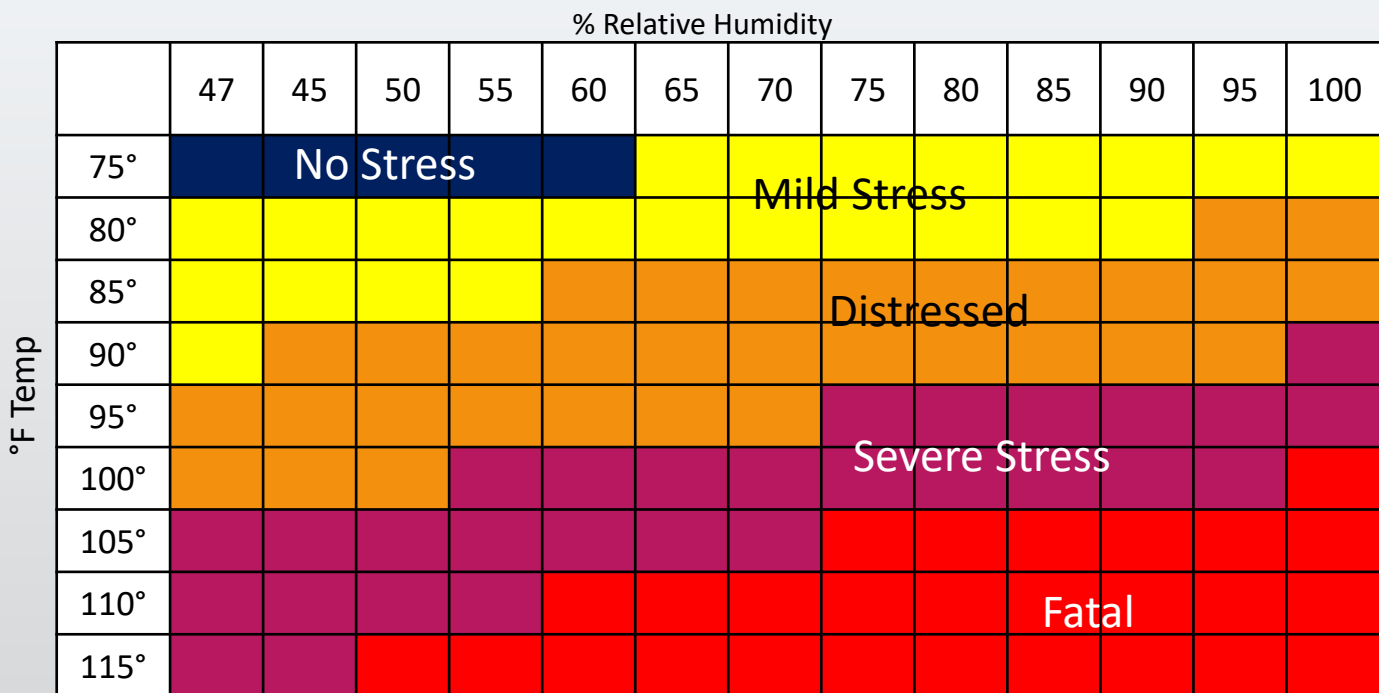


Chart modified from Frank Wierama, Dept of Engineering, U. of Arizona



Application Rates for Ration Guard

- Start with the addition of 2 pounds per ton of TMR
- As temperature and humidity increase, 3 lbs. per ton may be needed
- 2 to 3 lbs. should definitely be used during the hot summer months
- Ration Guard will help keep the TMR cool for up to 24 hours