

FOR MORE INFORMATION CONTACT YOUR
IBA DEALER/TECHNICIAN



 **DOMAIN, INC.**

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TMR Enhance-R™ Plus



TMR Enhance-R™ Plus

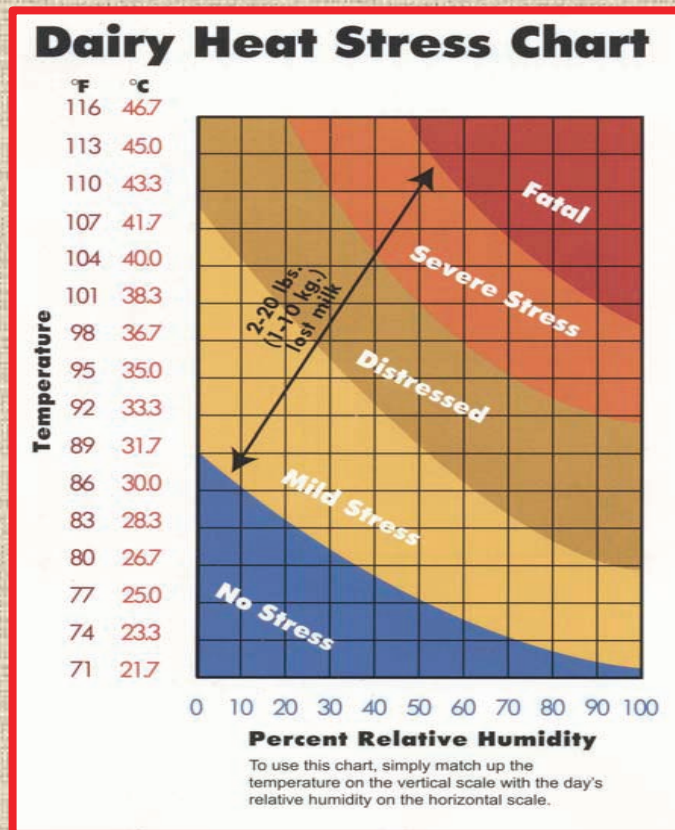
- Bunk stabilizer—prevents bunk reheating during times of heat and fresh forages.
- Enhance rumen function-research proven to enhance feed utilization.
- Improves/maintains dry matter intake.
- Improves/maintains milk flow and components.

ECONOMICS FOR TMR ENHANCE-R™ PLUS

Take today's current prices and fill this chart in to find out how much extra income you could earn per month.

Inclusion Rate:

4 pounds/ton of TMR
or
3-4 oz/hd/day topdress



4 lbs. of Milk

X \$ _____ per lb. of milk

= \$ _____

- \$0.16 cost of product

= \$ _____

X 100 Cows

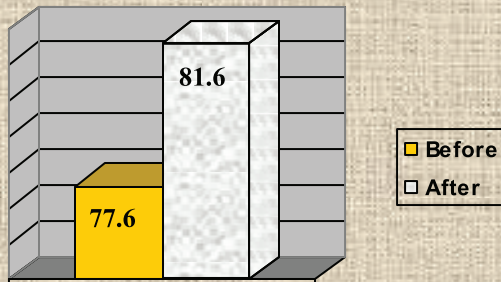
= \$ _____

X 30 days

= \$ _____ extra income per month

Milk Response

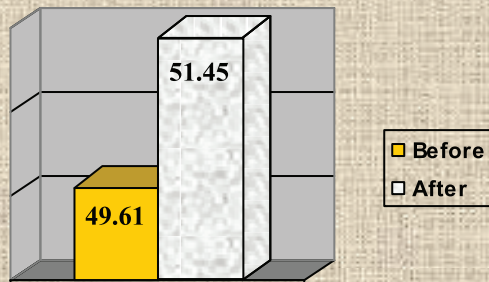
Pounds of Milk



Impact of increasing environmental temperature on the maintenance energy requirements, dry matter intake, and performance of dairy cows.

Dry Matter Intake

Pounds of Feed



Temperature (°F)	Maintenance Energy*	Expected Dry Matter intake (lb/day)	Actual Dry Matter intake (lb/day)	Milk Yield (lb/day)
41° F	103	40.5	40.5	60.1
68° F	100	40.1	40.1	60.1
86° F	111	41.8	37.4	51.1
95° F	120	42.7	36.8	40.1

*As percent of the maintenance energy requirement of a dairy cow at 65-68° F and producing 60 lbs. of milk per day.

As the temperature increases from 86° F to 95° F, milk production can tumble 22% and DMI can be 14% lower than expected.

Research March 2001. 35 day trial: 7 day pre-test period, 21 day test period, 7 day post-test period. Test consisted of 467 cows, 4 TMR groups.
Forages: Corn silage and alfalfa haylage.
Grain: High moisture corn and custom protein.

Strategies for maintaining or raising dry matter intake during times of heat stress:

MANAGEMENT:

- Shade/fans
- Sprinklers
- Bunk Management
Clean Bunks
Fresh Feed*

NUTRITION/FEEDING:

- Added sodium*
- Added magnesium & buffers*
- High quality, digestible protein sources and bypass protein sources
- Clean and accessible water source
- Added yeast culture*
- Rapidly fermentable carbohydrates*

* TMR Enhance-R™ Plus Features

TMR ENHANCE-R™ PLUS Contains

Crop Cure:

Enhances bunk life by stabilizing the pH levels in the forage and rumen, thus decreasing mold and yeast activity and improving rumen bacteria activity.

Research proven milk production increase and milk fat increase.

Buffering Agents:

Research shows that a combination of buffering agents is more effective than a single buffering ingredient for improving appetite, milk production and fat test.

Simple Sugars:

For rapidly fermentable carbohydrates which offers a quick source of energy.

Potassium Carbonate:

Helps to replace the potassium loss through sweating. Increases DCAD, helping to maintain dry matter intake during heat stress.

Concentrated Yeast Culture:

Increases feed digestibility by serving as a rich nutrient source for rumen bacteria, so cows get more from what they eat.

Improves feed palatability to promote consistent and improved intake.

Research proven dry matter intake increase and milk production increase.

Magnesium:

Contains additional magnesium which aids in nutrient digestibility, improving performance.

Provides a calming effect.