TECHNICAL SERVICE BULLETIN



No. 319

NOW IS THE TIME FOR STRESEEZ® FOR DAIRY

STRESEEZ® FOR DAIRY is a concentrated feed supplement designed to alleviate ruminant heat stress during periods of reduced dry matter intake. It includes properly balanced electrolytes, essential vitamins and trace minerals.

Five ounces/day of **STRESEEZ® FOR DAIRY** was fed to each of 90 Midwest Holstein dairy cows for seven consecutive days. Because there was no opportunity to separate the animals into Control and Treatment groups, the cows served as their own Controls.

The 90 cows were monitored for seven days prior to the addition of **STRESEEZ® FOR DAIRY** to the TMR. The treatment period lasted for seven days. **STRESEEZ® FOR DAIRY** was then removed from the ration, and each cow was monitored for a final period of seven days. Therefore, the test ran for a total of 21 days, with milk production, butter fat, and temperature recorded each day.

The weather during the trial was hot and dry, exactly the sort of conditions that stress lactating dairy cows. **STRESEEZ® FOR DAIRY** was successful in reducing the effects of the high temperatures, which ranged between 74-101° F during the three-week period:

Period	°F, Avg. Daily	Milk/Cow/Day Lbs	Change Lbs/day	% Fat Test Avg.
Seven days, Pre Trial	82	73.9	2007 449	3.45
Seven days of Trial	94	75.4	+1.5	3.43
Seven days, Post Trial	89	70.2	-5.2	3.42

Milk production actually increased an average of 1.5 pounds per day (+2.0%) when cows were fed **STRESEEZ**[®] **FOR DAIRY**. When the supplement was removed from the TMR, milk production fell 5.2 lbs/cow/day (-6.9%), even though daily temperatures were lower. Clearly **STRESEEZ**[®] **FOR DAIRY** was up to the challenge during the seven hot days of the trial.

STRESEEZ® FOR DAIRY helped maintain 5.2 pounds extra milk per day, compared with the post trial period when the average daily temperature fell. During this period the price of milk in the area averaged \$17.513 cwt. That 5.2 pounds of extra milk was worth \$13.91/cow/day. The daily cost/cow of the treatment was \$0.269. In other words, for-every \$1.00 spend on **STRESEEZ® FOR DAIRY**, milk revenues increased by \$3.38.

For a complete Technical Service Bulletin regarding this research, please contact Dawe's Laboratories Technical Service staff at 800-433-4013. CLOSE-UP PELLET is protected by US Patent 5,360,823.

