

TECHNICAL SERVICE



BULLETIN



DAWE'S LABORATORIES: 3355 N. Arlington Heights Road • Arlington Heights, IL 60004 • (847) 577-2020 • FAX (847) 577-1898

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, Ave. Daily	Milk/Cow/Day Lbs	Change Lbs/day	% Fat Test Ave.
Seven days, Pre Trial	82	73.9		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 \$17.50 cwt. That 5.2 pounds of extra milk was worth \$0.91/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.

This Bulletin may not be reproduced without the approval of Dawe's Laboratories. Reprints are available upon request.