

Research Notes D-70

Arm & Hammer Animal Nutrition



Comparing the effects CELMANAX and CELMANAX SCP on production performance in lactating dairy cows

HERD CHALLENGE

A field trial¹ was conducted at two private dairies, one in Wisconsin and one in New Mexico, to determine if CELMANAX™ SCP performed as well as CELMANAX in lactating dairy cows.

Treatments:

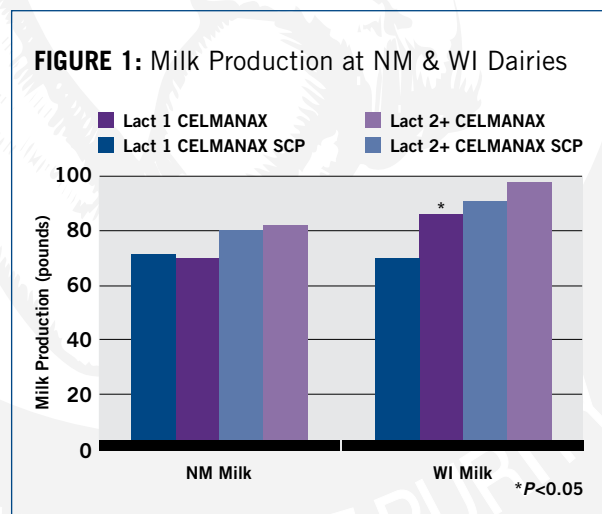
- CELMANAX was provided to the treatments groups in the TMR as below:
 - CELMANAX (28 g/cow/day)
 - CELMANAX SCP (3 g/cow/day)
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Measurements:

- 2-month treatment period
 - Wisconsin dairy: January to March 2010
 - New Mexico dairy: May to July 2010
- Cows present in treatment pens before and during treatment test days were used in analysis
- DHIA test data from one month before trial began was used as a covariate period for statistical analysis
- Milk production, milk fat, milk protein and somatic cell count were analyzed as treatment effects

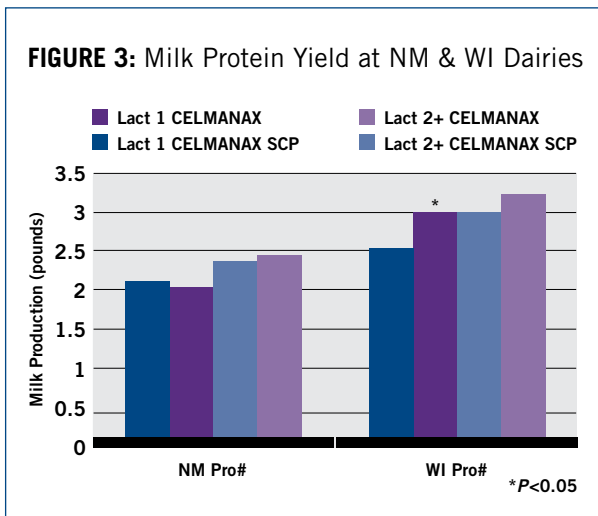
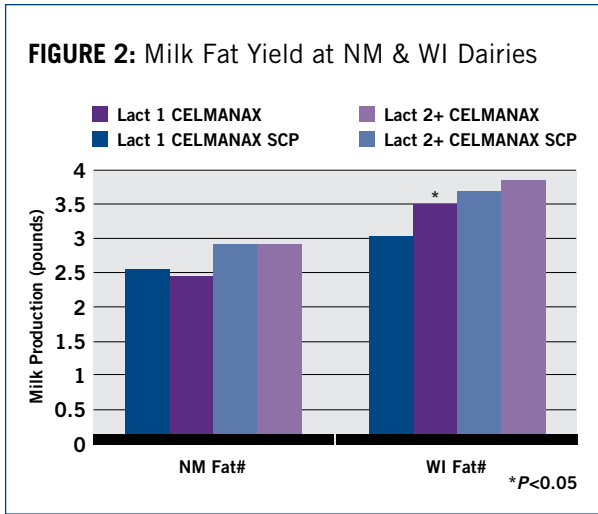
CELMANAX, CELMANAX SCP PERFORMANCE EQUIVALENT

- No significant difference was seen between CELMANAX and CELMANAX SCP related to milk production or component yield



CONCLUSION

These results demonstrate that the performance of CELMANAX™ SCP is equivalent to that of CELMANAX in lactating dairy cows.



Animal Nutrition



¹ Adapted from the data of: C. Elrod, Ph.D., J. Oppy and S. Jalukar, Ph.D., Varied Industries Corporation, Mason City, IA

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