

ALL-TRACE

MILK PRODUCTION

Complete Peace of Mind
All year round

- Increase peak milk production ¹
- Lower SCC by over 50% ²
- Reduce the need for antibiotic use ²



ALL-TRACE - ALL THE TIME

Complete nutritional management of the dairy herd is essential to maximise milk production. All-Trace is designed to provide long-term trace element and vitamin supplementation to the dairy cow.

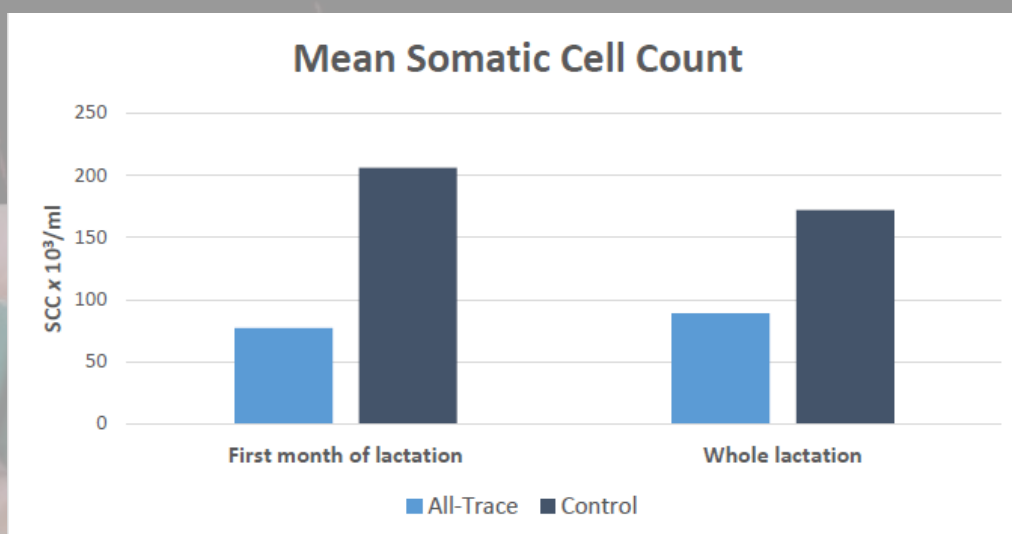
Not only does All-trace provide a range of reproductive health benefits, it can also increase peak milk yield¹ and significantly lower somatic cell counts (SCC) over the entire lactation².

Grazing dairy cows administered All-Trace increased milk production by more than 1kg/cow/day compared with untreated controls¹. This study went on to find the benefit to cost ratio was higher than 8:1.

Cows treated with two All-trace boluses at drying off had a mean SCC of $77 \times 10^3/\text{ml}$ compared to a mean SCC of $206 \times 10^3/\text{ml}$ in untreated cows during the first month of lactation². This trend was continued over the entire lactation.

The same study also found significantly less antibiotic usage was required during lactation in cows administered All-Trace boluses compared to untreated controls².

Trace element administration at drying off can increase pregnancy rates¹, improve udder health, reduce SCC throughout lactation and increase farm profitability.



1. Zoot, E. B. 2013. Effect of All-Trace bolus on productive and reproductive parameters of grazing dairy cows in Columbia.

2. Hemingway, R, G, Parkins, J, J, Ritchie, N, S & Taylor D, J. 2000. Somatic cell count reduction in antibiotic use in dairy cows by dietary supplementation with trace elements and vitamins given as a ruminal bolus system. *Proceedings of the Society of Animal Science*, 87.

