

New Research!

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Objective: To look at the effect of adding Biosaf Sc47™ live yeast to a dairy ration and monitor milk output, ruminal pH and feed efficiency.

Milk Output:-

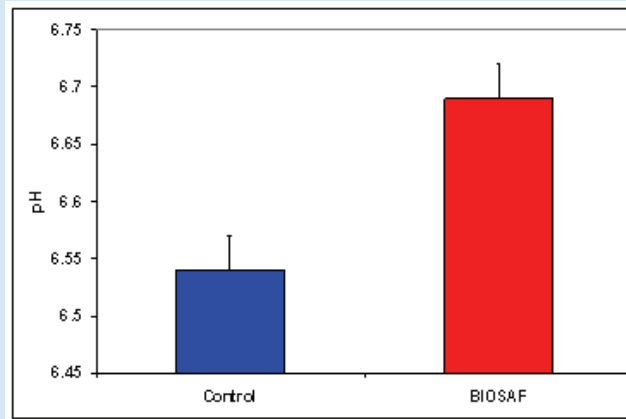
	CONTROL	BIOSAF	SEM	P>
Number of Cows	21	21		
DMI, kg	24.1	24.7	0.13	0.004
Milk, kg	36.1	38	0.40	0.002
Fat, %	3.49	3.63	0.07	0.150
Protein, %	3.22	3.21	0.04	0.800
ECM*, kg	35.6	38	0.27	0.0001
FCM 4%, kg	32.6	35	0.30	0.0001

Financial Response:-

With the addition of Biosaf Sc47™ the dairy cows gave an extra 1.9 litres of milk, which at 25ppl = 47.5p extra income per cow per day. Due to the cow numbers involved the stats in this study are extremely significant i.e. $p < 0.002$ for milk output allows us to be confident that the extra milk output was due to the addition of Biosaf Sc47™ live yeast.

Ruminal pH:-

The cows in the control group were not under any great pressure from acidosis, but Biosaf Sc47™ live yeast still managed to raise the ruminal pH by around 0.2 which is a response that has been replicated in many other trials, and helps improve the environment for forage digesting bacteria to flourish.



Feed Efficiency:-

At the recent British Dairy Symposium, improving feed efficiency was discussed as a way of helping dairy farmers offset some of the increase in feed prices seen in recent months.

This Israeli study shows Biosaf Sc47™ improving feed efficiency from 1.51 litres of milk/kg DM to 1.55 litres of milk/kg DM—which means cows eating 24.7kg of DM, produced an extra 0.988 litres of milk per day due to improvements in feed efficiency alone.

