

Australian Dairy Trial Using Performance Direct Fed Microbials (LG-01)

Farm: Western Australia

RHA: 10,000 litres (+)

Herd: Holsteins x 96 (calving throughout year)

Dairy: 90 degree stalls with 12 / side

Feed: Mixes own grain and silage
8 kg grain / head / day
30 kg silage / head / day

Return: Quota = \$0.47 / litre
Above quota = \$0.21 / litre
Protein (kg) = \$4.84 / kg
Fat (kg) = \$2.55 / kg

Trial: The trial was carried out under veterinarian supervision, with the aim to measure the basic commercial benefits of feeding Performance (milk yield, butter fat and protein). The herd was split to have 19 cows 'on' Performance and 40 as normal.

The two groups were run together with the only difference in their treatment being the daily inclusion of 1 ounce (28.4 gms) of Performance Direct Fed Microbial powder with the grain of the treatment group at milking.

The herd was split to ensure an equal cross section of the total herd was tested. The average 'days in milk' for each group at the start of the trial was 90 days.

Summary of Results

Herd Test	L	P - %	P - Kg	F - %	F - Kg	DIM	
09.03.98	36.06	2.68	0.96	4.39	1.57	89.79	<i>Treated</i>
	34.05	2.73	0.93	4.29	1.46	92.47	<i>Untreated</i>
<i>Improvement</i>	5.59%		3.49%		7.27%		
06.04.98	36.76	2.87	1.05	4.12	1.50	96.17	<i>Treated</i>
	31.53	2.83	0.89	4.19	1.32	100.21	<i>Untreated</i>
<i>Improvement</i>	14.21%		15.08%		12.22%		
11.05.98	34.36	2.92	1.00	4.25	1.46	116.00	<i>Treated</i>
	29.88	2.90	0.86	4.35	1.29	118.38	<i>Untreated</i>
<i>Improvement</i>	13.04%		13.93%		11.49%		
01.06.98	33.94	2.99	1.01	4.44	1.51	127.20	<i>Treated</i>
	29.03	2.99	0.87	4.34	1.26	127.25	<i>Untreated</i>
<i>Improvement</i>	14.47%		14.15%		16.88%		
14.07.98	29.78	3.01	0.89	4.07	1.21	154.61	<i>Treated</i>
	27.63	3.07	0.84	4.23	1.16	157.37	<i>Untreated</i>
<i>Improvement</i>	7.20%		6.62%		3.96%		

Results of Performance Trial (LG-01)

