



ProCalf

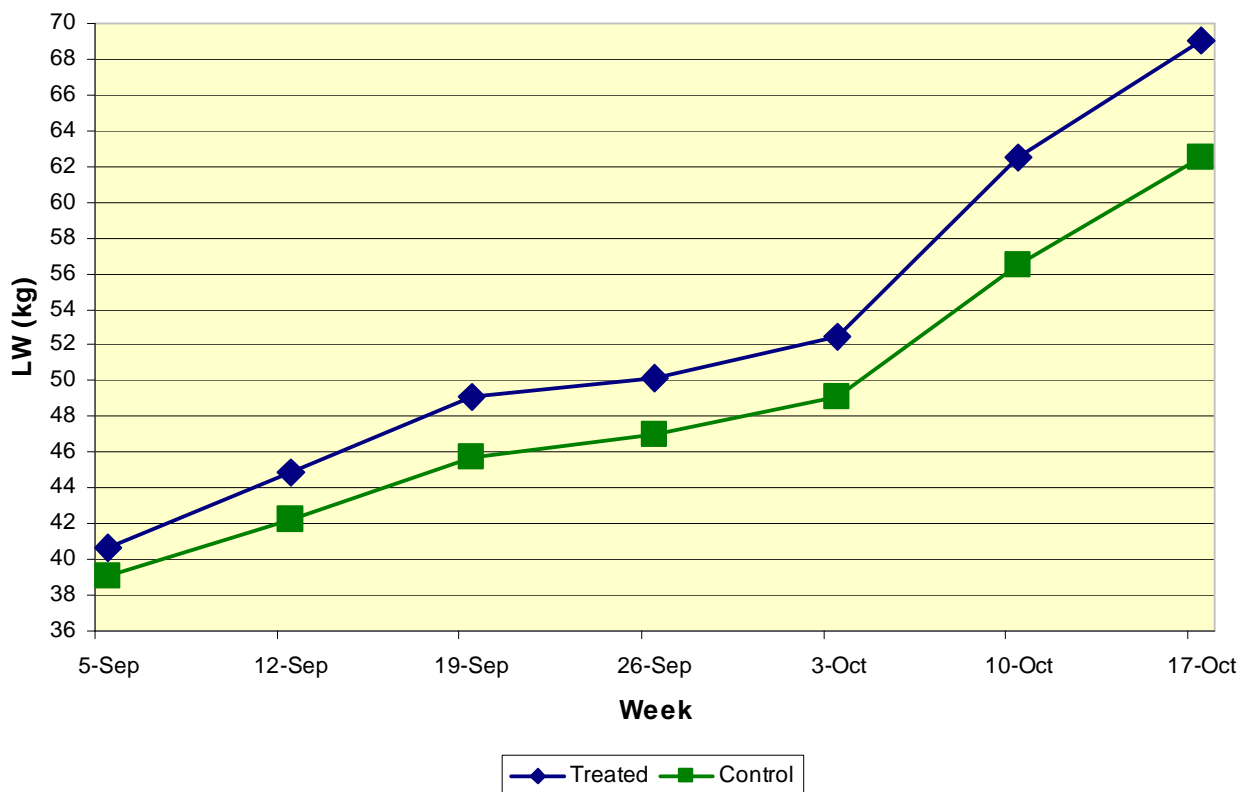
Proven performance and return on your investment



The Results

ProCalf treated calves showed:

- 300% return on your ProCalf investment
- \$11.50 per calf for a \$3.78 outlay
- 10% more weight gain in 6 weeks
- One week earlier weaning than those in the control group
- Happier healthier calves





ProCalf Boosts Ahead

The Proof – Trial Results

South Canterbury beef farmers Barry and Heather Scott were after improved growth rates in their calves when they trialled Donaghys ProCalf. They wanted to see if the probiotic and enzyme based product would stack up and they are absolutely convinced it worked wonders as they've got the proof.

The ProCalf treated calves grew faster and were able to be weaned around a week earlier on average than those in the control. After weaning, the calves kept their advantage and gained further on Donaghys Rumenzyme Cobalt Plus.



ProCalf is the new name for Rumenzyme Calf Plus, a proven worker in calf rearing since 1999. The product is a combination of probiotic digestion enhancers and targeted enzymes that aid the formation of the rumen and help calves get the most efficient use of their rations.

In September 2006, the Scott's selected thirty calves for a controlled trial. In the on-farm trial, fifteen calves received a daily dose of ProCalf and fifteen calves were monitored as controls with no drench. Each calf was weighed weekly until all calves had been weaned. The calves were assigned randomly with treated calves at the start weighing an average of 40.6 kg compared to 39.1 kg for control (not statistically significantly different).

The ProCalf treated calves proceeded to gain weight consistently greater than control calves. Barry and Heather said, "We could see a huge difference and treated calves even looked happier the whole time".

By the start of weaning, the treated calves towered over control calves with an average of 6.7 kg extra bodyweight – almost a 10% weight gain in 6 weeks. In equivalent beef price alone, this represented a difference of \$8.06 (theoretically based on a farm gate price of \$3.10 per kg carcass weight and dressing out of 50%, correcting for starting weight differences). The calves had received \$3.78 worth of product so there was greater than two times the return on investment on a weight basis alone.

Even more significantly, ProCalf treated calves were able to be weaned around a week earlier than those in the control, representing a saving in feed costs alone of around \$3.43 per head let alone the reduced labour involved in weaned calves. In the first week of weaning, 12 out of the 15 ProCalf treated calves were considered by Heather to be ready for weaning and only four out of the fifteen controls were ready on the same week. This was very highly statistically significant ($p=0.001$). Overall there was a return on investment of over 3:1.

After weaning, ProCalf treated calves received 10mL of Rumenzyme Cobalt Plus every three weeks and they still weighed more than the control calves when weighed again on 16 March. They were 9.0 kg heavier on average (weakly statistically significant). Paying 4 cents per mL meant that each treated calf received \$2.00 of Rumenzyme over the remaining trial period. For a relative weight gain of 2.5 kg since weaning, there was a \$3.88 increase in value representing a return on investment of almost a 2:1.

So for a complete programme of calf rearing boosted by Donaghys ProCalf and weaned calves boosted by Donaghys Rumenzyme Plus, Barry and Heather saw a huge benefit. For more information, contact your local Donaghys Territory Manager on 0800 942 006.