

# INTENSIVE FEEDING DEMONSTRATION

Delungra, NSW June 2015



## AIM

Evaluate two commercially available intensive feeding concentrates.

## METHOD

- Two groups of cattle were randomly selected for this demonstration.
- 6 animals in each treatment group
- Animals were fed a majority of the diet in the same concentrations, with the variances being the inclusion of pre mixes and their recommended additives.
- The animals had three key measurements recorded:
  - Feed efficiency as fed
  - Average daily gain
  - Profitability
- Product A is a commonly used premix
- Product B is the Rumenworks Cattle Concentrate

## DIETS

	<b>A</b> <b>Inc %</b>	<b>COSTS</b>	<b>B</b> <b>Inc %</b>	<b>COSTS</b>
Cracked Cereal grain	90.22%	\$270.66	93.9%	\$281.70
Cotton Seed Meal	3.44%	\$15.61	3.6%	\$16.20
Concentrate A	4.8%	\$67.20		
Concentrate B			2.50%	\$48.00
Bentonite	1.44%	\$1.44		
<b>TOTAL</b>	<b>100%</b>	<b>\$354.91</b>	<b>100%</b>	<b>\$345.90</b>

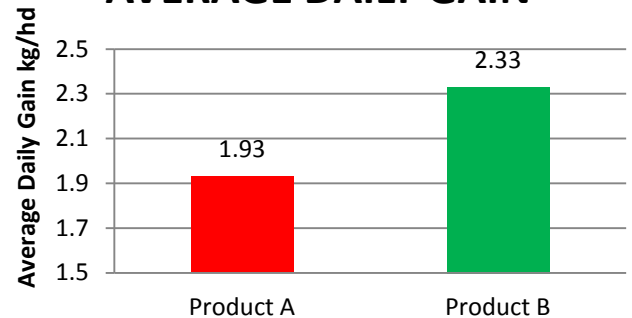
	Grain Ration hd/day	Roughage* hd/day	<b>TOTAL CONSUMPTION</b>
<b>Treatment A</b>	7.2kg	6.6kg	<b>13.8kg</b>
<b>Treatment B</b>	6.8kg	3.3kg	<b>10.1kg</b>

\*Roughage was supplied on an adlib basis, and valued at \$100/t

### TOTAL DIET COST PER TONNE AS FED

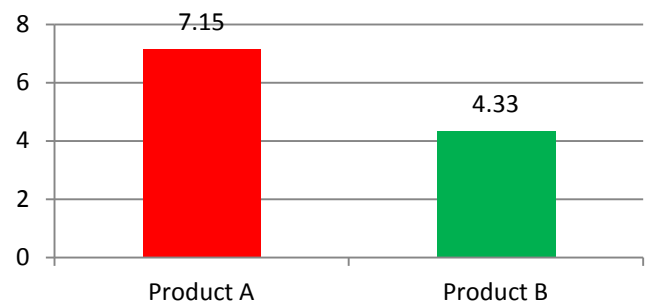
<b>Treatment A</b>	<b>\$232.99</b>
<b>Treatment B</b>	<b>\$265.55</b>

## AVERAGE DAILY GAIN



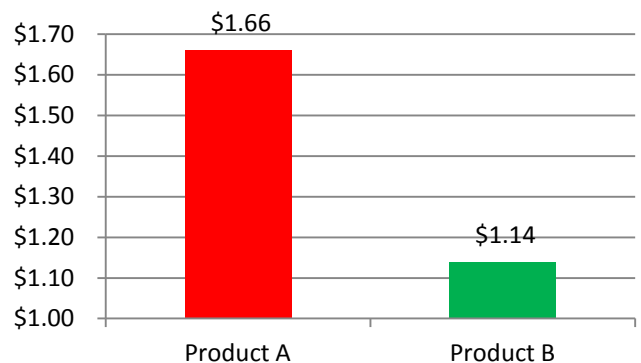
The differential in average daily gain was significant. Product B demonstrated a 20% gain in average daily gain.

## FEED EFFICIENCY



Product B showed a clear advantage in feed efficiency on an as fed basis. Again, nearly a 65% improvement is demonstrated

## COST OF LIVELINEWEIGHT GAIN



The above graph clearly demonstrates that Product B delivers 1 kilogram of live weight gain more economically than product A. (45%)