

RLF PRODUCTS DELIVER GREAT RESULTS IN UNSEASONALLY DRY CONDITIONS

Pasture Plus and PowerN26 combine to produce healthy pasture

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What's in this Insight

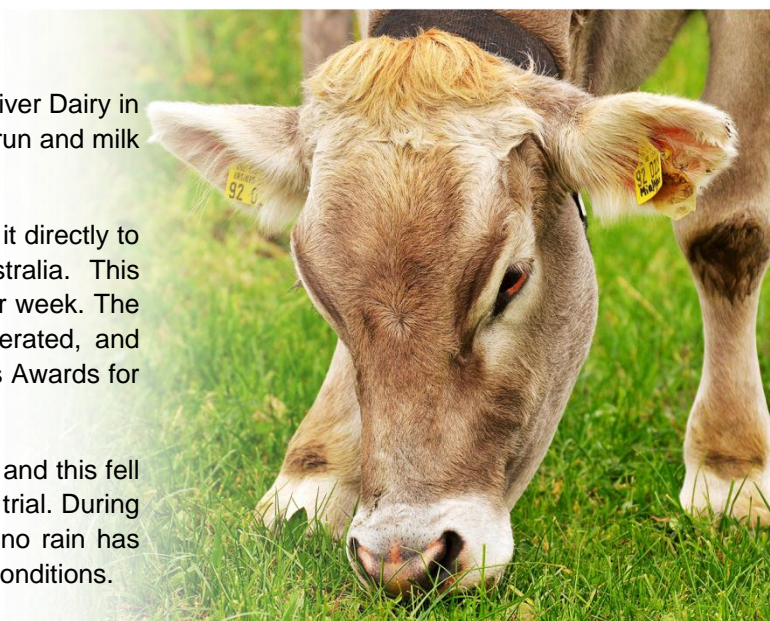
This IN showcases a 2018 trial on dairy pasture during a period of almost non-existent rainfall.

Background to the Trial

An RLF demonstration trial was facilitated at the Big River Dairy in Grafton, NSW on the 21st May 2018. Big River Dairy run and milk 270 Jersey cattle on 300 acres of pasture.

They bottle and package their own milk and distribute it directly to cafes and restaurants on the East Coast of Australia. This distribution amounts to approximately 21,000 litres per week. The farm and facility is 100% Australian owned and operated, and since 2013 has been the recipient of many prestigious Awards for their milk and other dairy produce.

Grafton NSW, only received 5mm of rain in May 2018 and this fell on the 9th May, well before the commencement of the trial. During the month of June, to the date of reporting this trial no rain has been received, so the trial was conducted in adverse conditions.



Specifics of the Trial

The ryegrass pasture where the demonstration took place was planted in April 2018 and sown with 150kg per hectare DAP. It will receive 400 to 500kg per hectare of UREA throughout the season.

The soil pH is 5.8 and soil structure is defined as alluvial plains.

The RLF crop nutrition program chosen for the demonstration was as follows:

- 2 litres **Pasture Plus** per hectare



- 10 litres **PowerN26** per hectare



The specialty fertilisers were applied using a lawn sprayer as can be seen in the photograph of the photo image taken on 21st May 2018. They were measured using a digital plate meter, also featured in the photograph that follows.

Date 2017	Untreated kg per hectare	RLF-treated kg per hectare
21st May 2018	1,774	1,578
5th June 2018	1,732	1,970

Trial Results after 15 Days

-42kg

per hectare



(Likely due to low top soil moisture and kangaroo grazing)

392kg

per hectare



(Due to the larger root system accessing deeper moisture)

Note the Difference



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