



Rivalea
AUSTRALIA

TERRITORY MANAGER UPDATE

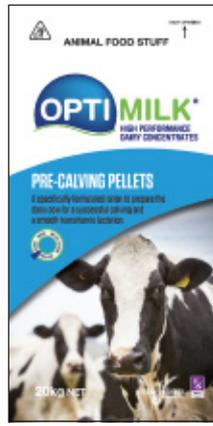


As pasture quality declines over Summer talk to your Territory Manager and please assess the daily ration of your milking herd ensuring protein levels are adequate. The Optimilk range has products with varying protein levels to ensure you are covered.

We are happy to help with feed tests of forage including silage so you know its quality and contribution to the overall diet. If there is a risk of mycotoxins consider a mycotoxin binder to help reduce these risks and maintain herd health and production.

We welcome back to the Feedmill Geraldine who is great asset to the team to link sales, production and nutrition to deliver best possible outcomes for our clients.

We wish all our clients a Happy Christmas and festive season and hope you find your 2016 calendars useful.



KEEP AN EYE OUT

Believe it or not - Autumn calving is just around the corner! It is such a busy time, but it is really important to start thinking about dry cow management and preparing for the transition period. As we know 80% of all metabolic issues occur during the 3 weeks prior to calving and the 3 weeks post calving, and drying cows off in good condition is the first step towards reducing this risk. It is far more difficult for cows to gain body condition during the dry period than it is during late lactation - so be mindful of this.

Once cows are dry - they still require approximately 110MJ Metabolisable Energy and 14% Crude Protein for best results. They will use protein from their muscles to meet requirements if this is not delivered in the diet, which has significant impacts on milk protein percentage and potential peak milk production.

As cows get closer to their calving date, it is important to prepare them for the huge demand for calcium that occurs immediately post calving and also to prepare their rumen for grain feeding. The best way to achieve this is to implement a thorough lead feeding strategy for 21-24 days prior to calving. Here at Rivalea, we are very proud of our market leading product - Optimilk Pre-calving, which is recommended to be fed at 3kg/cow/day along with ad lib access to cereal hay or straw.

This product has not changed, but keep an eye out in your local re-seller for our 'new look' 20kg bag!

For any further assistance on transition cow management, please contact your local Territory Manager.

FOR FURTHER INFORMATION: Rivalea 02 6033 8000.



JANUARY

- 17-21 International Dairy Week - Tatura
- 27 End of School Holidays

FEBRUARY

- 10-12 Sungold Field Days - Western District

Please Note: The feedmill will not be closed for the public holidays over Christmas and the New Year but we appreciate early notification of orders if possible please.



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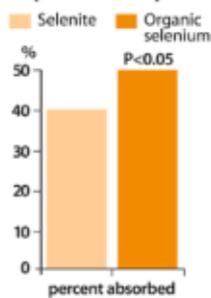
SummerEssentials

The new Nutrimax® range is completed with Nutrimax Summer Essentials, a brand new vitamin and mineral grain additive designed to nutritionally match the challenges dairy cows face during the warmer Summer months.

Heat stress generally increases the production of free radicals, leading to oxidative stress. This has a negative impact on:

- Immune and reproductive functions
- Mastitis frequency
- Somatic cell count

Organic selenium exhibits improved absorption



Inclusion of Vitamin E & organic Selenium neutralises free radicals and reduces oxidised molecules, therefore minimising impacts of heat stress on oxidative balance. Organic selenium is also proven to be absorbed more than inorganic selenium and therefore more available to the cow.

The inclusion of a natural yeast, Diamond V® also improves rumen function and digestibility when a variety of forages are consumed which is the norm in the Summer months. Diamond V works in conjunction with Acid Buf® in Nutrimax Summer Essentials to assist rumen function.

We have a handy calculator tool which is the first of its kind on the website to assist you to work out the inclusion amount based on your numbers of cows or tonnes of grain. Please go to www.nutrimaxgrainadditive.com.au



Calculate how much Nutrimax you need with the Nutrimax Calculator. All you have to know is the feeding rate.

[Start Now](#)

Important Note: Our Feed Calculator provides an indicative guide only and should not be relied upon to provide accurate feeding advice. Other criteria may need to be considered before determining your specific feed requirements. Please contact your Rivalis Territory Manager direct to discuss your specific feed requirements.

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EXPERT ADVICE

HEAT STRESS & FERTILITY

HEAT STRESS IS ONE OF THE LEADING CAUSES OF DECREASED PRODUCTION AND FERTILITY IN DAIRY CATTLE, COSTING THE DAIRY PRODUCER UP TO 40% OF THEIR HERD PRODUCTION IN EXTREME CIRCUMSTANCES.

At just 25°C, dairy cattle must actively regulate their body temperature, with further increases in temperature resulting in decreases in feed intake, altered metabolism, decreased immune function, and decreased fertility.

Reductions in milk yield are a result of declines in feed intake, as well as alterations in endocrine profiles, energy metabolism, reductions in rumination and nutrient absorption, and increased maintenance requirements. This leads to a decrease in the energy available for production and places the cow in a state of negative energy balance similar to which is suffered early postpartum. This then results in anovulation, decreases in the length and intensity of estrus behaviour, decreased conception rates, increased risk of embryo death, and reduced calf

birth viability. NEB (negative energy balance) also directs changes in plasma concentrations of insulin, IGF1, and glucose, which directly impact on follicular development, growth, and implantation.

Managing heat stress includes cooling, nutrition and reproductive strategies. Simple measures such as providing paddocks with adequate shade on high risk days, as well as increasing the amount of water available to the herd will aid summer conception rates. Limited time in yards, and sprinkler installations, will also aid in keeping cows cool. Inseminating cows in the cooler parts of the day, providing additional buffers and reducing NDF in the diet will all assist in positive outcomes following spring calving.

For more information, contact your local Territory Manager or the Dairy Australia Cool Cows Website (www.coolcows.com.au)

Seasonal conditions information is now included on the Murray Dairy website. For resources to assist go to:

www.murraydairy.com.au/seasonal-conditions