



CopRice Evolution Cowra 2020





For over 30 years CopRice has added value to SunRice by-products





It's been all about rice... And pellets

NUTRITION THAT STACKS UP

PROTEIN

Nutritious soybean and canola meals, lupines and field peas are great sources of bypass protein, which is digested in the small intestine rather than the rumen giving superior nutrient availability. Proteins provide amino acids which contribute to a healthy immune system, and are the building blocks vital for muscle growth and development.

ANIONIC SALTS

In late pregnancy anionic salts help lower the DCAD value of rations. This helps reduce the risk of hypocalcaemia (milk fever), which can result in loss of muscle and nerve function, and predisposes the cow to disorders such as ketosis, retained placenta, displacement of the abomasum and mastitis.

RUMEN BUFFER

An effective rumen buffer helps stabilise rumen pH, improving fibre digestion and reducing the risk of acidosis (grain poisoning). Acidosis can reduce feed intake leading to weight loss, it can also lower energy production and can cause lasting rumen damage.

MACRO-MINERALS

Magnesium plays role in calcium mobilisation and muscle function. Anionic salts containing sulphur and chlorine (anions) are vital in creating a negative DCAD (Dietary Cation-Anion Difference) value, drawing calcium from bone to improve calcium status at calving time.

VITAMINS

Vitamin A benefits eye health and can assist immune function and disease resistance. Vitamin D₃ aids calcium and phosphorus absorption. Vitamin E supports cardiovascular, circulatory and reproductive functions.



STARCH

Wholegrain rice is gluten free and a great source of easily digestible starch. Starch is a source of fuel for rumen microbes. It is combined with selected quality wholegrains including wheat, barley and maize, to provide a feed rich in available starch to support calf rumen development and provide optimum energy for growth and weight gain.

RICE BRAN

Rice bran is highly palatable, rich in digestible fibre, and is a source of nutritious oil which provides an additional energy source to support the growth of healthy calves and heifers. Improving energy availability in the diet can promote cow condition which may help improve herd fertility.

RICE BRAN OIL

Sourced exclusively from Australian bran, CopRice rice bran oil is rich in antioxidants including gamma oryzanol, and is a good source of the omega 3, 6 and 9 essential fatty acids. It also has a role in improving the absorption of fat soluble vitamins.

ORGANIC MICRO-MINERALS

Selenium is important for immunity and zinc for tissue repair. Copper helps strengthen bones, with manganese assisting cartilage development and reproductive function. Cobalt is required for energy production. Organic trace minerals are more easily absorbed, providing better nutrition over inorganic sources.

ORGANIC CHROMIUM

Chromium is required for normal glucose absorption by facilitating the effect of insulin on tissues. This has been shown to promote feed intake, cow energy status and improve immune response, particularly in physiological stressed cows.

- We've used pellets to utilise rice by-products
- Perfect way to deliver fermentable carbohydrates, metabolisable protein, additives, vitamins, macro and micro minerals in a low fiber context to complement higher fiber forages
- And we still love pellets!



However, we needed to evolve

- In recent times we have seen the introduction of a range of concentrate pellets across beef, sheep and dairy portfolios
- Pellets that allow us to micromanage specific minerals and vitamins to be delivered in a controlled format and added to inputs of your choice
- And now we take those concentrates one step further...





Introducing Coleambally..



The facts -

- Opened in 1969 to support the local rice industry
- Decommissioned in 2015
- 5 airated sheds, 2 flat bed sheds
- Full outloading facilities
- 80,000t storage
- Capacity of 250,000t per annum

It was gifted to us in March 2019 and commissioned just last week.



So what does that mean for CopRice?



**It means we enter the world of blends..
But not just your average blends.**



We needed to diversify from rice



- Unreliable rice crops
- Access to local horticultural by-products, permanent plantings supported by high security water
- Ability to store by products in dry, protected conditions
- Ability to now offer physically effective fiber

But the most exciting part was we could now offer more complete AND FLEXIBLE diets to the market.



Introducing Flexiblends...

For sheep, beef and dairy, the concept is the same.





Two forms of feed

Base Blends



Range of pre-determined rations

Custom Rations



Fully customised to supplement your on farm inputs



We'll keep on evolving...

**We have big plans and we're excited
that you're here today to be part of the
journey!**