CattleKing AGRICULTURAL SERVICES

VitaPro WITH TURMERIC

The new feed additive to power future sustainability throughout the beef industry.

CattleKing Vitapro is a turmeric based feed additive designed to boost weight gains and improve meat quality while cutting methane gas production by up to 40%.

Benefits of using VitaPro :

- Reduced methane production
- Increases ammonia as a key nitrogen source for microbial protein synthesis
- Less energy wasted resulting in better weight gain
- Enhancing nitrogen recycling
- Improved nitrogen utilisation
- Improve nutrient absorption
- Natural antibiotic, anti-inflammatory and anti-microbial
- Improved growth rates in young calves by an extra 10kg over 3 months
- Improves meat quality by retaining moisture
- Higher Protozoa populations stabilising ruminal fermentation
- Less saturated fatty acids and more monounsaturated fatty acids
- Less reliance on synthetic feed additives

Improving our environment while growing healthier herds

CattleKing
AGRICULTURAL SERVICES

VitaPro WITH TURMERIC

VitaPro incorporates an exciting new feed additive that can not only reduce methane but also improve animal health and meat quality.

Turmeric is a natural antibiotic, anti-inflammatory and anti microbial agent that inhibits methanogenic archaea, which are the microbes responsible for producing methane in the rumen. Research shows that turmeric can cut emissions up to 40% and significantly improves digestibility of dry matter. With ruminants estimated to lose around 12% of their feed energy through methane production, reducing those emissions means more energy is used for milk and meat production.

In finishing cattle the inclusion of turmeric has produced weight gains comparable to monensin, while significantly improving meat quality.

Research has shown that curcumin, the active compound in turmeric, helps to retain the moisture of the meat and shifts the fatty acid profile, reducing the saturated fatty acids, increasing monounsaturated fatty acids.

Feeding turmeric provides a significant increase in ammonia concentration, highlighting its role in enhancing proteolytic bacterial activity. Ammonia serves as a key nitrogen source for microbial protein synthesis, supporting feed digestibility and overall animal performance.

Protozoa populations also increase with turmeric supplementation, which researchers associate with differential effects of curcumin on ruminal fermentation, improving nutrient utilisation, and enhancing nitrogen recycling. All critical factors for productive, healthy cattle.

Feeding rates are from 100g to 350g per day

Cattleking is committed to a sustainable beef industry

Typical Analysis (As Fed)

Protein minimum	**21.08%**	**Sodium min**	**77.5g/kg**
Energy	**6.25mj/kg**	**Zinc**	**281.5mg/kg**
Calcium	**57.07g/kg**	**Copper**	**48.5mg/kg**
Phosphorous	**23.4 g/kg**	**Iron**	**82.33mg/kg**
Magnesium	**3.261g/kg**	**Cobalt**	**19.1mg/kg**
Sulphur	**2.3%**	**Potassium**	**5.56g/kg**

THIS PRODUCT MUST NOT GET WET

This produce does not contain any restricted animal products.