



B-complex vitamin premix for ruminants during the perinatal period

Violette

Product Overview

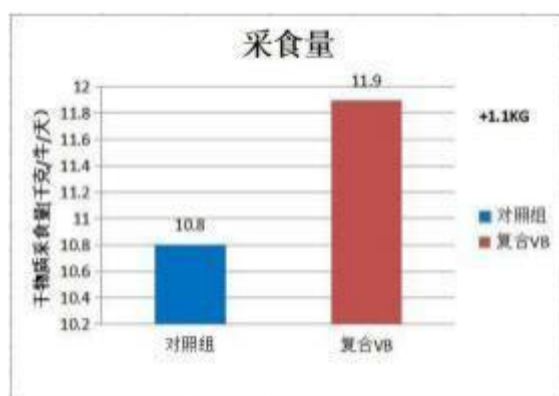
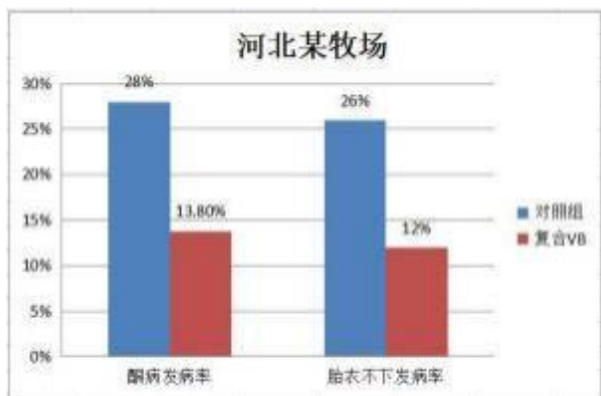
The perinatal period is the most critical phase in a dairy cow's entire life cycle, as it not only impacts later lactation but also plays an undeniable role in metabolic diseases and reproduction. Modern dairy farms place increasing emphasis on managing the perinatal period, ensuring that ruminants absorb nutrients in a balanced manner during this time is the most sought-after goal for every farm. Research in the 1960s demonstrated that the B vitamins synthesized by the rumen could meet the needs of ruminants themselves, provided that the animals had a low demand for production performance (for example, an annual yield of around 4 tons for dairy cows). However, as ruminant nutrition research has become more sophisticated and farm management levels have improved, production performance has increased across the board, and the B vitamins synthesized by the rumen can no longer meet the metabolic and production needs of ruminants. Metabolic diseases and reproductive performance have become the primary concerns of dairy farms.

Product Features

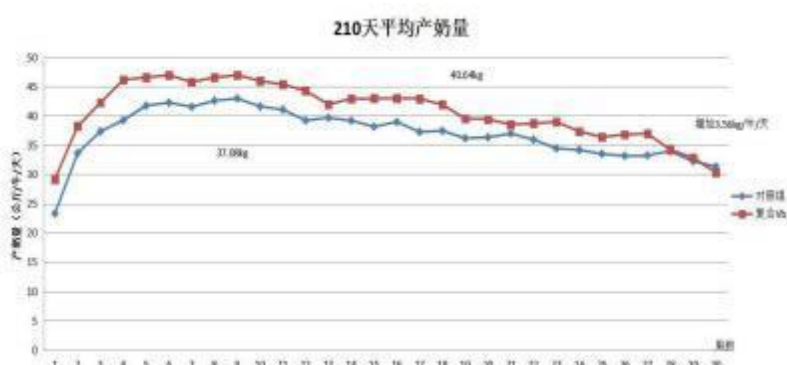
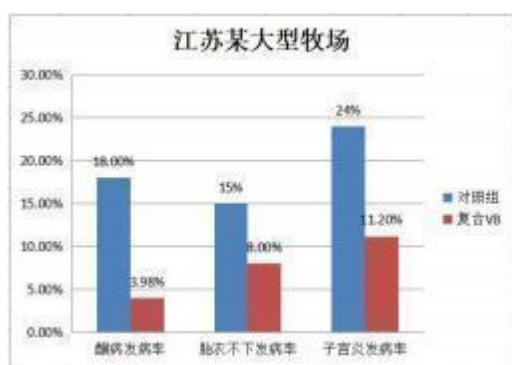
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Experimental Data

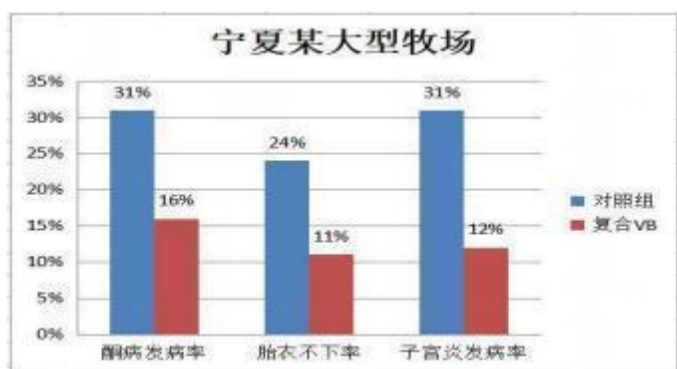
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Experimental Design: A Hebei ranch with 1,700 cattle was selected for the study. Eighty-one cows were assigned to the perinatal group (control group: 50 cows), receiving two daily TMR feedings. Thirty-one cows in the experimental group supplemented with Vitarom-W: 30g per day from 21 days before calving to the calving period, and 70g per day from the calving period to 14 days postpartum.



Experimental Design: 1. A large-scale dairy farm in Jiangsu Province housed 4,200 dairy cows. The study included 110 perinatal cows (control group) and 70 cows (experimental group). Both groups received TMR feed twice daily. The experimental group supplemented with Vitarom-W: 30g per cow per day from 21 days before calving to the calving period, and 70g per cow per day from the calving period to 14 days postpartum. 2. After completing the perinatal trial, we continued monitoring milk yield during the lactation period.



Experimental Design: A large-scale dairy farm in Ningxia housed 7,500 cows. The study included 208 perinatal cows (control group) and 130 cows (experimental group), all receiving TMR twice daily. The experimental group supplemented with Vitarom-W(21 days pre-lactation to 14 days post-weaning, 30g/head/day; post-weaning to 14 days postpartum, 70g/head/day).

Note: All data above is provided by the ranch.

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Product Value

1. Increase dry matter intake by more than 10%.
2. Alleviates nutritional imbalance in dairy cows, significantly reduces the incidence of ketosis and subclinical ketosis; significantly reduces the occurrence of metabolic diseases such as retained placenta, uteritis, true gastric displacement, postpartum paralysis, and mammary edema.
3. Increase milk production by 10%.

Active ingredients: choline, vitamin B12, riboflavin, folic acid, niacin

Product application protocol: 30-50g per head per day during the first 21 days of gestation; 50-70g per head per day during the first 14 days of lactation

Storage conditions and methods: Store the product in a dry and cool environment

Product shelf life: 12 months

Packaging: 20kg

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