

# RUMINANT PREMIXES

*high quality premix*

**Ruminant premix** is a blend of various vitamins, minerals, and other essential nutrients that are added to the diet of ruminants to improve their health and performance. Ruminants, such as cattle, sheep, and goats, have unique digestive system that allow them to extract nutrients from fibrous plant material. However, their diets may be deficient in certain nutrients, especially if they are consuming low-quality forage or they are in a production stage that requires additional nutrient supplementation.

The premix mainly contains vitamins, such as A, D, E, and B-complex vitamins, as well as minerals such as calcium, phosphorus, magnesium, and trace minerals like zinc, copper, selenium and other components like amino acids, probiotics and anti-acidosis etc.

Ruminants have a complex digestive system that relies on the presence of a diverse microbial community in their rumen to break down fiber and extract nutrients from their feed. The rumen is home to billions of bacteria, protozoa, and fungi, and a delicate balance between these microorganisms is necessary for optimal rumen function. Probiotics can help to maintain this delicate balance by introducing beneficial microorganisms to the rumen, such as lactic acid bacteria or yeast. These microorganisms can help to improve rumen pH, reduce the risk of acidosis, and increase fiber digestion. In addition, probiotics have been shown to boost the immunity system, reduce the risk of infectious diseases, and improve the overall health and productivity of ruminants.

**Dairy Range:** Dairy Premix is A high-quality nutrient concentrate containing vitamins and minerals in a formulation that is specially tailored to provide the needed nutrient requirements of dairy cattle to achieve the highest possible production.

**Beef Range:** TEKNOYEM provide minerals and vitamins premixes in a range that can be of great benefit to any beef farming system. This range is designed to stimulate rumen function and maximize growth rates. The premix contains minerals and some nutritional supplements that will help produce high quality products.

**Dry Cow Range:** Transition period (dry period and the period after calving) is the most critical period in the production circle of the dairy cow, not only because of the calving process but also for essential safe move from dry period to milk producing period. So that TEKNOYEM produced TEKNODRY to give the needed nutrients to pass safely transition period with no disorder and digestive disease.

Contact us for more details



**TEKNOYEM PREMIX**  
www.teknoyem.com



# TEKNORUM



**TEKNORUM** premix is an all-inclusive feed additive for ruminants that provides essential vitamins, minerals, and trace elements to support their nutrition. Additionally, it contains antioxidants and probiotics for optimal rumen health, which help maintain a healthy digestive system and improve feed utilization.

By adding **TEKNORUM** premix to your ruminant's diet, you can ensure they receive a well-rounded nutrition and promote overall health and productivity, leading to greater profitability and sustainability for your operation.

Ingredient Name	ach 10 kg contains	Ingredient Name	ach 10 kg contains
Vitamin A	6,000,000.00 IU	Phosphor	180,011.00 mg
Vitamin D3	1,000,000.00 IU	Calcium	3,129,500.60 mg
Vitamin E	25,000.00 IU	Sodium	306,661.12 mg
Vitamin B1	2,254.00 mg	Chloride	464,049.00 mg
Vitamin B2	5,000.00 mg	magnisium	259,681.85 mg
Vitamin B6	999.90 mg	magnisium oxid	240,000.00 mg
Vitamin B12	40,000.00 mcg	Sodium bicarbonate	200,000.00 mg
Choline	2,040.00 mg	Potassium	5,241.82 mg
Biotin	25,000.00 mcg	Active Yeast (Saccharomyces cerevisiae)	5 × 10 <sup>10</sup> CFU
Folic Acid	499.99 mg	Yeast Cell Wall (Saccharomyces cerevisiae)	100,000.00 mg
Pantothenic Acid	5,007.80 mg	Mannan oligosaccharides	20,000.00 mg
Iron	19,998.00 mg	β-Glucan	20,000.00 mg
Manganese	24,996.00 mg	antitoxin	included
Zinc	24,955.20 mg	brobiotic	included
Copper	5,000.00 mg	rumen motivator	included
Iodine	300.70 mg	antioxidant	included
Selenium	100.04 mg		
cobalt	100.07 mg		

**TEKNOYEM** company is opened to be flexible and produce a special premix that suits your feed components beside giving the needed technical advice and help to make and modify your dietary components in order to reach the best possible performance.

