

FOSTEC P12

PRODUCT OUTLINE

IMPORTANCE OF PHOSPHOR

Phosphorus is a vitally important element. Approximately 80% of phosphorus in the body is found in the skeleton, where in times of shortage it is mobilized together with calcium to meet the existing need. It is important that the level of phosphorus is kept to standard in order to prevent severe negative effects of phosphorus shortage, such as slower growth, weight loss and low reproduction.

PHOSPHOR IN ANIMAL FEED

South African soils and pastures are, in general, deficient in available phosphate. Research has shown that phosphate supplementation to animals grazing on phosphate-deficient pastures is essential to achieve good growth as well as good reproduction. An important source for phosphorus in the diet of farm animals is feed phosphates, which supply the difference between the required nutrients and those available in the grazing.

FOSTEC P12

FOSTEC P12, available in orange coloured 50kg bags, is a phosphate trace mineral concentrate which contains the essential trace minerals in the correct ratio to phosphorus.

MAIN BENEFITS OF FOSTEC P12

- 1. CALCIUM PHOSPHORUS RATIO 1,1:1**
Grazing in Southern Africa has very high levels of calcium, with Ca:P ratios of 14:1 occurring in certain areas. It is therefore important to keep the calcium intake of farm animals to a minimum in order not to distort the Ca:P ratio any further. FOSTEC P12 is the only feed phosphate available in South Africa that has a Ca:P ratio of 1,1:1.
- 2. LOWEST FLUORINE LEVELS**
Fluorine can be classified as one of the potentially toxic minerals in livestock nutrition. By far the most important and widespread cause of fluorosis in South Africa is contaminated underground water from boreholes. This contamination is often caused by gypsum which is applied to saline soils in the low rainfall areas of the country. It is therefore of utmost importance to reduce any additional sources of fluorine intake. FOSTEC P12 has the lowest levels of fluorine of all available feed phosphates.
- 3. COMPETITIVELY PRICED**
Not only are the product characteristics of FOSTEC P12 outstanding. It also is competitively priced in order to enable our clients to maintain livestock production at maximum profit levels.

TECHNICAL SPECIFICATIONS

COMPOSITION	
Phosphorus (min)	120 g/kg
Calcium (max)	130 g/kg
Ca:P	1,1:1
Iron (max)	1500 mg/kg
Copper (max)	300 mg/kg
Manganese (max)	1200 mg/kg
Zinc (max)	1200 mg/kg
Cobalt (max)	6 mg/kg
Iodine (max)	12 mg/kg
Selenium (max)	6 mg/kg
Silica Dioxide (min)	150 g/kg
Diatomaceous Earth (min)	200 g/kg

Fostec P12 contains minimal traces of carbon
Reg. Nr. V15440 Act 36/1947

Feeding recommendation

Mix 50 kg Fostec P12 with 50 kg coarse salt. Feed ad lib to cattle and/or sheep on summer grazing or hay of high quality.

Recommended intake of Fostec P12/salt mix (lick/animal/day)

Type of animal	cattle	sheep
Non lactating, adult	135g	18g
Growing, late gestation	135g	22g
Lactating	200g	36g