



# VINASSE

**VINASSE** is a special liquid feed additive rich in protein, vitamins and minerals that normalizes the digestive process and promotes the growth of farm animals.

**VINASSE** is a concentrated liquid feed with high nutritional value produced by yeast fermentation.

## SYMBOL DESCRIPTION



Optimize daily rations to improve nutritional value



Balance (save) protein, sugar and dry matter content in daily rations



Prevent digestive system diseases



Stimulate and increase feed intake



Normalize rumen digestion process



Reduce daily ration costs

## COMPOSITION

Indicator	Unit	Per Liter	Dry Matter Content
Metabolic heat	Megajoule		23,9
Dry matter	%	58,5	100
Crude protein	%	20,6	35,2
Crude fat	%	0,5	0,86
Cellulose	%	<0,1	<0,2
Carbohydrates (sugars)	%	6	10,5
Constant elements (Ca,P,Mg,K)	%	6,6	11,3
Trace elements (Cu,Te,Mn,Zn,Co, I)	mg.	261	446,07
Vitamin A	ME	333	569
Vitamin E	mg.	1	1,7
Vitamin D3	ME	2061	3523
Vitamin B(1; 2; 3; 5; 12)	mg.	416,7	713
Methionine	mg.	291	497,5
Lysine	mg.	946	1617,1
Cystine	mg.	366	626
Tryptophan	mg.	543	928,2

## STRENGTHS

- No worse than hay and silage in terms of dry matter content
- Crude protein content higher than corn silage, not inferior to clover silage
- Same crude protein content as forage grains and brewer's grains
- Starch-free unlike that of the grains
- Three times the sugar content of forage grains (barley, triticale, wheat) and grains
- Sugar content higher than oil meal and oil cake (sunflower, rapeseed and soybean)
- Vitamins A, D and B higher than in hay and silage. The content of these components is not inferior to that of grain feed
- Delicious and being conducive to the increase of feed intake
- Liquid feed with low energy consumption is easy to digest and absorb
- The additive is conducive to the prevention of ruminal acidosis and concomitant acidosis
- It is the nutritional foundation necessary for energy supplementation for newborn calves and dairy cows
- Stimulates salivation (natural buffer)

## DOSAGE

- 1% to 5% of the weight of formulated feed for calves over 5 months old
- 1% to 8% of the weight of formulated feed for cows and bulls.  
The individual feeding amount of adult cattle is 0.1 to 1 liter per cattle per day

It is recommended to mix this product with roughage or concentrated feed in a mixer, or use it separately with liquid feed.