

portajel

**makro
max**



MOLASSES BASED LICKING GEL FOR RUMINANT ANIMALS

INTENDED USE: It is used to meet the needs of vitamin and mineral substance needs of ruminant animals. It is both nutritious and high in the energy value, also enhances the saliva secretion and rumen bacterial activity. In this way, it ensures the energy and other nutrients that dairy and fattening ruminants cannot get from the ration are met in the amount they need. With its appetite stimulant effect, by enhancing utilization from the feed, it increases the meat and milk production. It minimalizes the subclinical acidosis problems that causes production loss. It decreases the fertility problems. It increases the resistance against Pica (habit of eating soil and foreign substance). It provides energy support.

USAGE: It is recommended to put the licking bucket freely in front of the animals so that they can consume about 150-200 g per day for large ruminants, 30-50 g for calves, 20-30 g per day for sheep-goat-lambs and kids.

COMPONENTS: Sugar beet molasses, Calcium carbonate, Magnesium oxide, Sodium chloride, Amino acid complex, Fractionated bypass fat, Vitamin and Mineral Premix.

WHAT IS WARM COOKING TECHNOLOGY?: Warm Cooking Technology is the process of evaporating the water of sugar beet molasses by processing it below 55 °C. With this technology, the nutrients in molasses and the additives added can protect their healthy structure without losing. It is known that Acrylamide which is known as carcinogenic, is occurred by heating feed materials with high sugar content, above 90 degrees. With the warm cooking technology, the formation of Acrylamide is prevented and the nutrients are also preserved. You can give our products to your animals with confidence.

Patent No:2022/000352



Active ingredients	The name of Additive	Quantity in Premix	Units
Vitamins / Nutritional Additives			
Vitamin A	Retinol Acetate	27,500	IU/kg
Vitamin D3	Cholecalciferol	5,500	IU/kg
Vitamin E	Alpha-Tocopherol Acetate	30	mg/kg
Vitamin B1	Thiamine	0,75	mg/kg
Vitamin B2	Riboflavin	1,60	mg/kg
Vitamin B3	Niacin	32,25	mg/kg
Vitamin B5	Calcium-d-Pantothenate	3,50	mg/kg
Vitamin B6	Pyridoxine	3,80	mg/kg
Vitamin B7	D-Biotin	1,60	mg/kg
Amino Acids / Nutritional Additives			
Aspartic Acid	L-Aspartic Acid	3,200	mg/kg
Arginine	L-Arginine	170	mg/kg
Alanine	L-Alanine	1,250	mg/kg
Cysteine	L-Cysteine	170	mg/kg
Glutamic Acid	L-Glutamic Acid	16,000	mg/kg
Glycine	L-Glycine	1,000	mg/kg
Histidine	L-Histidine	120	mg/kg
Isoleucine	L-Isoleucine	1,000	mg/kg
Leucine	L-Leucine	970	mg/kg
Lysine	L-Lysine	300	mg/kg
Methionine	L-Methionine	170	mg/kg
Phenylalanine	L-Phenylalanine	285	mg/kg
Proline	L-Proline	500	mg/kg
Serine	L-Serine	900	mg/kg
Threonine	L-Threonine	400	mg/kg
Tryptophan	L-Tryptophan	120	mg/kg
Tyrosine	L-Tyrosine	915	mg/kg
Valine	L-Valine	630	mg/kg
Trace Minerals / Nutritional Additives			
Iron (Fe)	Iron Sulphate	840	mg/kg
Iodine (I)	Calcium Iodate	5,75	mg/kg
Manganese (Mn)	Manganese Oxide	560	mg/kg
Copper (Cu)	Copper Sulphate	54	mg/kg
Cobalt (Co)	Cobalt Sulphate	1,45	mg/kg
Zinc (Zn)	Zinc Oxide	560	mg/kg
Selenium (Se)	Sodium Selenite	2,22	mg/kg
Vitamin like substances / Nutritional Additives			
Choline	Choline Chloride	650	mg/kg
Analytical components			
Crude Protein	7,00%	Phosphorus (P)	0,10%
Calcium	7,25%	Sodium (Na)	2,90%
Crude fat	1,60%	Potassium (K)	2,30%
Crude Ash	41,00%	Magnesium (Mg)	3,50%
Sugar	33,00%		

PACKAGE FORM

5 KG BUCKETS	10 KG BUCKETS	20 KG BUCKETS	25 KG BUCKETS	50 KG BUCKETS	75 KG BUCKETS
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