

IF YOUR ANIMAL COULD CHOOSE

KNZ™



I WILL
TAKE
THE SALT
I NEED



AkzoNobel



"I can't produce beef without consuming salt. I need salt for different body functions, like producing saliva. I need saliva to digest roughage and to stabilize my rumen acidity level. This way, I am protected from ruminal acidosis. Salt is an essential part of my nutrition, with an enormous impact on my health, growth, and appetite."



UNIVERSAL



KNZ™ UNIVERSAL is the ideal addition to the basic ration or TMR. In addition to salt and magnesium, it contains essential trace elements like zinc, copper, iodine, and selenium.

Na Cl Mg Zn Cu I Se



ELEMENTS PLUS | grazing cattle



KNZ™ ELEMENTS PLUS contains extra copper and zinc. Excellent additions for grazing cattle that have a higher need for these elements.

Na Cl Mg Zn Cu I Se

INDIVIDUAL NEED

How can you make sure that every cow takes the right amount of salt to be able to stay healthy and to have a high growth performance? Adding salt to the ration is not a guarantee for success. For example, you can't be sure that the TMR is always calculated and assembled correctly. And how do you adjust the amount of salt if the ration composition changes or if the temperature rises from 22 to 26°C?

SELF-REGULATION

Nature has the solution. As long as she has access to salt, a cow will take exactly what she needs. By providing your herd with KNZ™ salt licks, you give your cows access to high-quality vacuum salt, which is purified. Moreover, KNZ salt licks are produced without adding artificial colorings, flavors, sweeteners, molasses, or aromatics. This way, cows are not tempted to take more than they need.

TRACE ELEMENTS

KNZ salt licks contain purified vacuum salt of the highest quality. On top of this, all other essential minerals and vitamins are provided in the lick. For grazing herds, these minerals and vitamins are an important addition to fresh pasture. In the barn, these nutrients provide an insurance for good health.



JUNIOR | young cattle



KNZ™ JUNIOR is specially composed with trace elements and vitamins for young, growing animals. It helps heifers to reach their growth potential.

Na Cl Mg Zn Cu I Se Fe Vit A

Vit D3 Vit E

Also in case of separation in the vertical processor or in the feed alley. This way, KNZ salt licks boost every cow's health and growth performance.

The following elements are needed for good cow health and growth performance:

Se **Selenium**
Antioxidant

Zn **Zinc**
Enzyme systems

I **Iodine**
Metabolism

Cu **Copper**
Enzyme activities

Mg **Magnesium**
Nervous system, muscles, and skeleton

HEALTHIER ANIMALS, HIGHER GROWTH RATES

With the right care cows have higher growth rates. KNZ salt licks can improve the welfare and health of your herd. Furthermore, the costs for health care are lower and the growth performance improves. The costs of KNZ salt licks are about 0.01 euro per cow per day. This means that a growth increase of only 0.04 kg per cow per day already results in higher profits.

KNZ SALT LICK ASSORTMENT

		 BASIC only salt	 UNIVERSAL	 STANDARD extra selenium	 ELEMENTS PLUS grazing cattle	 FERTILITY	 BIOTIN claw health	 JUNIOR young cattle	 HORSE	 SHEEP	 WILD
SALT (NaCl)	%	100	> 99	> 99	> 97	> 99	> 98	> 90	> 96	> 98	> 98
SODIUM	%	39,3	39,0	39,0	28,2	39,1	38,8	35,1	37,8	38,8	38,8
MAGNESIUM	%	-	0,2	0,2	0,2	-	0,1	5,0	2,0	0,2	0,2
ZINC	mg/kg	-	810	810	10.000	-	500	4.000	1400	5000	800
COPPER	mg/kg	-	220	220	1.500	-	150	2.500	150	-	2500
IODINE	mg/kg	-	100	100	100	300	100	100	60	300	50
SELENIUM	mg/kg	-	10	20	10	23	20	10	10	10	25
SELENIUM YEAST	mg/kg	-	-	-	-	2	-	-	-	-	-
IRON	mg/kg	-	-	-	-	-	-	500	1000	500	700
VITAMINE A	IU	-	-	-	-	-	-	225.750	-	-	-
VITAMINE D3	IU	-	-	-	-	-	-	51.150	-	-	-
VITAMINE E	IU	-	-	-	-	1.000	-	380	-	-	-
VITAMINE H/ BIOTIN	mg/kg	-	-	-	-	-	150	-	-	-	-
SUITABLE FOR USE IN ORGANIC FARMING		✓	✓	✓	✓	✓	-	✓	✓	✓	✓

KNZ QUALITY

KNZ salt licks are produced by AkzoNobel. This company has more than 100 years of experience in products based on purified vacuum salt of the highest quality. The hardness of the licks ensures that they don't disintegrate easily, not even when

they are almost finished. Moreover, the licks have been pressed in such a way that no adhesive agent such as molasses is used. So, the cows will never be tempted to take more than they need.



KNZ™

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KNZ produces licks for many different animals, please ask your supplier for more information



YOUR SUPPLIER



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AkzoNobel