

IF YOUR ANIMAL COULD CHOOSE

KNZ™



I WILL  
TAKE  
THE SALT  
I NEED



Nouryon



*“I can’t live a healthy life and perform well without consuming salt. I need salt to protect myself against disease, for a healthy appetite and good fertility. Moreover, I need salt for a soft and shiny coat. Salt is an essential part of my nutrition, with enormous impact on my health, sports performance, coat condition and appetite.”*

## INDIVIDUAL NEED

Horses lose salt through perspiration, manure and urine. To prevent a shortage, additional salt is required. The amount of salt ingested by a horse during grazing depends on many factors, like the season and the fertilisation of the soil. So, how can you make sure that every horse takes in the right amount of salt to stay healthy and perform well? Adding salt to the ration is not a guarantee for success, because the exact amount of salt needed is unique to every horse. It depends on factors like weight, breed, age and training intensity. And how should one adjust the amount of salt in the ration if the ration composition changes or if the temperature rises from 22 to 26°C?

## SELF-REGULATION

Nature has the solution. As long as your horses have access to salt, they will take exactly what they need. By providing your horse with KNZ™ salt licks, you give your horses access to the highest quality purified vacuum salt. Moreover, KNZ salt licks are produced without adding any artificial colorings, flavors, sweeteners, molasses, or aromatics. This way, horses 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 the other essential minerals and vitamins a horse needs are provided in the lick. The licks provide a continuous and balanced supply of all necessary minerals and vitamins. This way, KNZ salt licks support the health of every horse, resulting in the best performances.



A horse needs the following elements for good health and optimal performances:

**Na**  
+  
**Cl**

**Salt (NaCl)**  
Salt, which contains the minerals chloride and sodium, is vital for horses. Salt plays an important role in the functioning of the central nervous system and muscular contractions. Chloride is important for forming saliva, which helps in digesting feed. Moreover, KNZ salt supports the intestinal flora, which results in a better digestion.

**Mg**

**Magnesium (Mg)**  
Magnesium is important for ensuring healthy nerve cells, strong bones, and good muscle formation. If your horse suffers from muscle cramps, extra magnesium could help.

**Zn**

**Zinc (Zn)**  
Zinc plays an essential role in enzyme processes. The element is vital to a good metabolism and resistance to diseases. Zinc is also important for well-developed skin and bones.

**Cu**

**Copper (Cu)**  
Copper supports digestion and the central nervous system. Moreover, it aids the uptake of iron. To have enough copper in the ration is also essential for strong bones.

**I**

**Iodine (I)**  
Iodine is necessary for the production of thyroxin by the thyroid gland and is therefore important for metabolism. It has a positive effect on growth and development of foals as well as horses.

**Se**

**Selenium (Se)**  
Selenium plays an important role in the fertility of horses. It protects against cell damage, prevents muscle problems, and enhances the effectiveness of iodine.

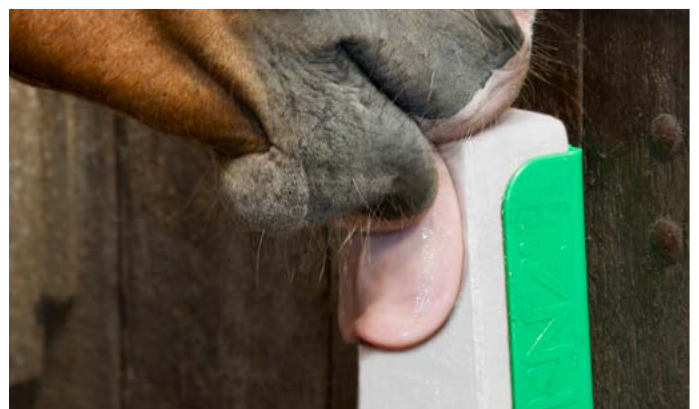
**Fe**

**Iron (Fe)**  
As a component of red blood cells, iron supports the transportation of oxygen through the body. Iron is vital to prevent anaemia, which is especially important for good performances of sports horses. Iron improves the performance of organs and tissues.



## HEALTHY ANIMALS

Healthy horses perform better. The right amount of salt and minerals is vital for good health and fertility. With KNZ salt licks you offer your horses the highest quality of salt and all the minerals and trace elements they need for optimal development and performance.



HORSE



Our advise is **KNZ™ HORSE**, available as a 2 kg salt lick. Do you have multiple horses or sports horses with a higher iron need? Then **KNZ™ UNIVERSAL MULTI** is a good choice. This lick contains an adjusted composition of minerals and is available as a 10 kg salt lick.

**Na Cl Mg Zn Cu I Se Fe**

## KNZ SALT LICK ASSORTMENT

												
		BASIC only salt	UNIVERSAL	STANDARD extra selenium	ELEMENTS PLUS grazing cattle	FERTILITY	BIOTIN claw health	UNIVERSAL MULTI extra iron	JUNIOR young cattle	HORSE	SHEEP	WILD
SALT (NaCl)	%	100	> 99	> 99	> 97	> 99	> 98	> 99	> 90	> 96	> 98	> 98
SODIUM	%	39,3	39,0	39,0	28,2	39,1	38,8	39,1	35,1	37,8	38,8	38,8
MAGNESIUM	%	-	0,2	0,2	0,2	-	0,1	0,2	5,0	2,0	0,2	0,2
ZINC	mg/kg	-	810	810	10.000	-	500	810	4.000	1.400	5.000	800
COPPER	mg/kg	-	220	220	1.500	-	150	-	2.500	150	-	2.500
IODINE	mg/kg	-	100	100	100	300	100	50	100	60	300	50
SELENIUM	mg/kg	-	10	20	10	23	20	10	10	10	10	25
SELENIUM YEAST	mg/kg	-	-	-	-	2	-	-	-	-	-	-
IRON	mg/kg	-	-	-	-	-	-	750	500	200	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 Nouryon (formerly known as AkzoNobel Specialty Chemicals), with more than 100 years of experience with purified vacuum salt of the highest quality. The unique hardness of the licks makes them stay one block, from start to finish. They don't disintegrate into smaller pieces. Moreover, the signature production process means the licks have been pressed in such a way that no adhesive agent, such as molasses, is needed. This way, the horses will not be tempted to take more than they need.

## INSTRUCTIONS FOR USING SALT LICKS:

- Use a salt lick of 2 kg for one horse. In case of multiple horses, choose a salt lick of 10 kg or use a salt lick of 2 kg per horse.
- Hang the salt lick on chest height and near a water source.
- Avoid rust by avoiding contact between the salt lick and steel surfaces.

## LICK HOLDER

KNZ lick holders are made of durable plastic material and do not rust. Place the holder for 2 kg salt with the narrow side pointing downwards.



# KNZ™

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



## YOUR SUPPLIER



**Nouryon**