



BOLUS

POLISH
PRODUCT

β -Carotene

extended release period - 20 days



β -karoten 1600 mg
wit. A 2 000 000 jm
Selen 120 mg

Zn 23 000 mg
Mn 12 000 mg
Cu 8 000 mg
I 1 556 mg

SUPPORTS
PREPARATION OF COWS FOR
ESTROUS CYCLE and **REPRODUCTION**
HIGH CONTENT OF
VITAMIN A and **β -CAROTENE**

Manufactured in accordance with GMP+ system and ISO 22000:2005 standard

Diet compound feed for cattle.

Recommended use: In order to supplement necessary microelements and vitamins in highyielding cows, especially in the case of reproduction problems.

Application: Milk cows - apply 1 bolus with the use of applicator into the mouth approx. 30 days after birth. The application can be repeated after 30 days.

Storage: At room temperature, avoid moisture.

Shelf life: 18 months from the date of manufacture.

Packaging: 8 boluses, each weighing ± 95 g.

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Deficiency of β -carotene and vitamin A causes:

OVARIES	ESTROUS CYCLE	REPRODUCTION
<i>delayed ovulation</i>	<i>irregular reproductive cycles</i>	<i>reduced number of inseminations</i>
<i>underdevelopment of the corpus luteum</i>	<i>silent estrous cycles lack of estrous cycles</i>	<i>extended inter-calving period</i>

SIGNIFICANCE OF BETA-CAROTENE IN THE FEEDING OF MILK COWS:

The demand of cows for β -Carotene depends on the performance and amounts to 80-100 mg, and even more. In the summer period, green forage covers the entire demand of cows for β -Carotene, but during winter and in the early spring there may occur deficiencies of β -Carotene in many herds, which are additionally intensified by the excess of potassium, nitrates and mycotoxins in the fodder. Even minor deficiencies of β -Carotene lead to disorders in the reproduction of cows and to the birth of weak calves that are susceptible to diarrhea

Due to the above reason, it's recommended to provide additional supplementation of β -Carotene and microelements in the form of BOLUS.

reproduction under
CONTROL



The level of daily release of the ingredients of 1 bolus (for a period of 20 days)

Copper (Cu)	400 mg
Vitamin A	100 000 j.m.
β -Carotene	80 mg
Iodine (I)	78 mg
Manganese (Mn)	600 mg
Selenium (Se)	6 mg
Zinc (Zn)	1150 mg