



TAKE THEM TO THE  
**MAXX!**

- **LESS METABOLIC PROBLEMS**
- **BETTER FORAGE UTILIZATION**
- **HEALTHIER STOCK (NO UDDER INFECTION, NO METRITIS)**
- **BETTER MILK YIELD**
- **BETTER FERTILITY**
- **MORE ECONOMICAL PRODUCTION**



#### Common problems with ruminants in general:

- Ideal body condition score is between **3,25-3,75**
- Low body condition score (**less than 3,0**) results in energy loss, weak immune system, higher risk for ketosis, weaker reproduction, lower milk yield
- High body condition score (**abowe 4**) can lead to excessive energy intake, fatty liver syndrome, weaker immune system, paralysis after calving, retained placenta

#### Benefits of the elements in the product:

ELEMENT	FUNCTION	ELEMENT	FUNCTION
<b>Protein 12%</b>	protein production of microbes, protein supply of the animal and milk protein	<b>Iodine 60 mg/kg</b>	development of thyroid gland which controls metabolism
<b>Oils 14%</b>	energy, aids absorption of vitamins	<b>Manganese 1000 mg/kg</b>	fertility, bone development and growth rates
<b>Sugars 35%</b>	quickly fermentable energy for microbes in the negative energy balance period	<b>Zinc 1 500 mg/kg</b>	healthy immune system and tissue growth, aids wound healing
<b>Calcium 3%</b>	bone development, activates enzymes (Vitamin D2, D3)	<b>Vitamin A 120 000 NE/kg</b>	formation, protection and regeneration of skin, vision-immunity
<b>Phosphorus 1%</b>	closely associated with Ca, involved in energy metabolism, hence link to fertility	<b>Vitamin D3 24 000 NE/kg</b>	absorbtion, storage and transport of calcium and phosphate
<b>Selenium 10 mg/kg</b>	anti-oxidant, activates iodine, builds muscle, supports conception	<b>Vitamin E 600 NE/kg</b>	anti-oxidant, immunity, works with selenium, newborn health and vitality
<b>Cobalt (II) carbonate 10 mg/kg</b>	required by rumen microbes for production of B12 deficiency results in unthriftiness, anaemia, loss of appetite	<b>Urea 1.8%</b>	production of microbe proteins
		<b>Ash 24%</b>	to physiological process of microorganisms

Metabolic Energy (ME) 16 MJ/kg DM. Moisture 2%.

**MaXx Energy** has a sucrose content of 35%, which will be degraded in the rumen to  $\alpha$ -glucose and  $\beta$ -glucose. In this form the microorganisms can use quickly.

The product ensures rumen microbes enough energy (16 MJ/kg DM) to multiply in form of sugar 35%, oils 14% (palm and sunflower) and contains by-pass energy. Protein (12 %) to a quick protein synthesis is also in the product.

When to use **MaXx Energy**, a high energy, vitamin and mineral lick?

**Most critical periods when the use MaXx Energy Plus highly recommended:**

- Right after calving for at least 45 days, maximum 60 days
- In any cases when body condition score improvement is needed
- For sheep introduce MaXx Energy 2 weeks pre-tupping for 8 weeks, by which time fertilised eggs should be safely implanted
- After **MaXx Energy** change to **MaXx Original**.
- For calves not recommended before the 12th week

**Typical intakes:**

- **cattle:** 120-150 g (max 300 g/head/day)
- **sheep:** 80 g /head/day

**CONTACT**

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**Animaxx Premium**