



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**



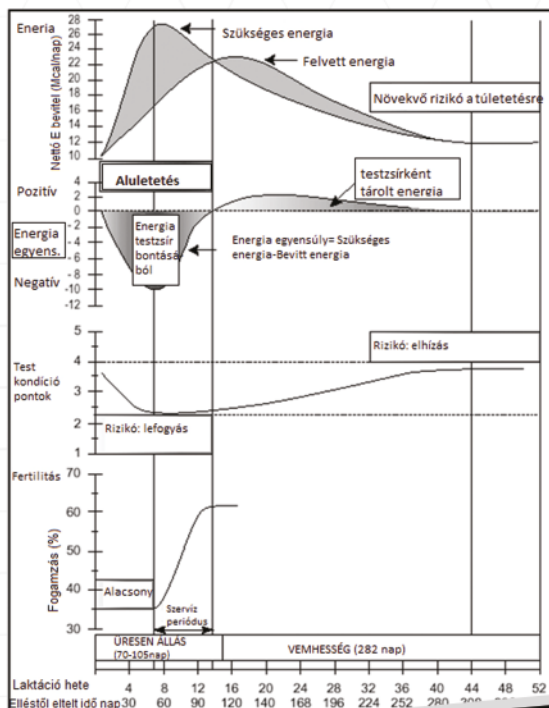
Common problems with ruminants in general:

- 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 additives in the product:

ELEMENT	FUNCTION	ELEMENT	FUNCTION
Protein 12%	protein production of microbes, protein supply of the animal	Iodine 60 mg/kg	development of thyroid gland which controls metabolism
Manganese 1000 mg/kg	fertility, bone development and growth rates, part of superoxide dismutase, antioxidant and supports immune system	Oils 14%	energy, absorption of vitamins
Sugars 32%	quickly fermentable energy for microbes and a healthy microflora	Zinc 1 500 mg/kg	healthy immunesystem and tissue growth. aids wound healing
Magnesium 5%	calcium mobilization, activates enzymes	Copper 500 mg/kg	part of superoxide dismutase and cytochrome oxidase, acts as antioxidant, supports immune system
Calcium 3%	bone development, activates enzymes (Vitamin D2, D3)	Vitamin A 120 000 NE/kg	formation, protection and regeneration of skin, vision-immunity
Phosphorus 1%	closely associated with Ca, involved in energy metabolism, hence link to fertility	Vitamin D3 24 000 NE/kg	absorption, storage and transport of calcium and phosphate
Selenium 10 mg/kg	anti-oxidant, activates iodine, builds muscle, supports conception	Vitamin E 600 NE/kg	anti-oxidant, immunity, works with selenium, newborn health and vitality
Cobalt 20 mg/kg	required by rumen microbes for production of B12 deficiency results in unthriftiness, anaemia, loss of appetite	Urea 1.8%	protein production
		Ash 24%	to physiological process of microorganisms

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



LACTATION STAGE

BODY CONDITION SCORE

REMARK

Dry period

3,25 - 3,75

3,0 is optimal cows should reach it till the beginning of lactation. Under 3,0 they don't have enough spare energy.

Beginning of lactation

Sinking to 2,25-2,75, then between 40-50 days it starts to turn back.

Cows should not lose more than 1,0 (which means about 50 kg) in the first month.

Middle of lactation

2,75 - 3,25

3,0 is optimal.

End of lactation

3,00 - 3,75

In the second half of lactation body condition is improving, the cows start to store energy but body condition score should **not exceed 4,0**.

When to use **MaXx Energy Plus**, 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
- After **MaXx Energy Plus** change to **MaXx Original**
- For calves not recommended before the 12th week

Typical intakes:

- **cattle:** 120-150g (max 300 g/head/day)
- **sheep:** DO NOT GIVE

CONTACT

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