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# RumiN

Urea containing feed supplement for dairy cows and fattening cattle with completely developed rumen.

## Main applications

- lactation
- fattening cattle

### Product features:

- high content of urea
- B-vitamins and yeast

### Product advantages:

- easy to mix and homogeneously distribution in mixed rations
- expensive protein sources like soybean or others can be saved

### Your benefits:

- reduced feeding costs
- easy handling
- high milk yield



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# RumiN

Urea containing feed supplement for dairy cows and fattening cattle with completely developed rumen.

#### Product features:

- high content of urea
- B-vitamins and yeast

#### Application recommendation:

RumiN provides in rations with negative RNB rapidly available nitrogen and highly digestible starch. In energy rich rations protein sources like soybean or canola meal can be saved. RumiN helps to improve the rations and reduces the feeding costs. A correct use of RumiN needs a ration calculation to secure a balanced nXP and RNB ratio and a balanced protein/energy supply.

#### Feeding recommendation:

- only for dairy and fattening cattle with a good rumen function
- maximum use of RumiN: 1,5 % of the daily ration dry-matter
- dairy cows:** up to 300g / animal and day
- cattle:** main fattening period: up to 100g / animal and day  
end of fattening: up to 150g / animal and day
- the max. urea-amount for dairy cows is 120g. The max. urea-amount for fattening cattle is 40g (main . fattening). Urea-amounts in other complete feed need to be considered.
- slow inclusion and application through a homogen TMR mixture
- pay attention to a sufficient energy supply
- do not feed RumiN or dairy-TMR with urea to calves

#### Instructions for proper use:

This complementary feed has compared to total feed a higher content of urea. Therefore the amount fed to dairy cows and fattening cattle with completely developed rumen is limited to max. 1.5% of the daily dry matter intake.

Urea is allowed to be fed to adult animals to a limited amount of 120g urea/animal/day.

Application note: 100 – 300 g per animal a day

100g RumiN ≈ 40g urea (minimal amount)

300g RumiN ≈ 120g urea (maximal amount)

Guidance value to partly substitute extracted soybean- and/or rapemeal:

300 g RumiN + 700 g grain ≈ 1 kg extracted soybean meal

200 g RumiN + 800 g grain ≈ 1 kg extracted rape meal

Possible substitution amount should be calculated by feed ratio. It depends on kind of feed components, amount of RNB and UDP in feed as well as milk yield.

Application of RumiN requires:

- an evenly mixing into the feed (TMR-ratio)
- adaptation step by step
- enough fast available energy in the feed-ratio (> 25 % starch and sugar)

Please make use of our JOSERA consulting service for specific advice.

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#### Composition:

malt rootlets, wheat grit bran, maize, sodium chloride, calcium carbonate, yeast, wheat bran, magnesium oxide

#### Analytical constituents:

118,0 %	crude protein	115,0 %	crude protein out of NPN compounds (non protein nitrogen)
2,5 %	crude fat	3,0 %	crude fibre
23,0 %	crude ash	3,5 %	calcium
0,2 %	phosphorus	3,5 %	sodium
1,5 %	magnesium		

#### Additives:

##### Nutritional additives per 1 kg:

70,0 mg	vitamin B1 (3a821)
15,0 mg	vitamin B2
13,0 mg	vitamin B6/ pyridoxine hydrochloride (3a831)
500,0 mcg	vitamin B12
50,0 mg	calcium D-pantothenate (3a841)
400,0 g	urea

**Note: Minimum durability requires a correct and appropriate storage. In particular a hygienic, cool and dry storage is needed. Without responsibility in case of incorrect storage and application.**

25 kg

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