

# Calsea mag+

Fix'N Complex Prevents Ammonia Toxicity and Optimises Nitrogen Use!



Agreement: aFR 35.288.115

Registration no. V28279 Act/Wet no. 36 of/van 1947.

## BENEFITS

- To improve feed utilisation under intensive production systems and on green grazing.
- Contains Fix'N Complex: Improves nitrogen utilisation and reduces ammonia production.
- Increases milk production and protein production for increased growth.
- Reduces subclinical acidosis.
- Improved fertility and immunity thanks to vitamin E and selenium complex.
- Reduces stress thanks to magnesium.

## COMPOSITION

Constituents		Trace Elements (mg/kg)	
Calcium	15%	Zinc	2625
Magnesium	10%	Manganese	2200
Sodium	7%	Iodine	100
		Copper	50
		Cobalt	40
		Selenium	10
Vitamin (mg/kg)			
Vitamin E	400		

## FORMULATION

- Calseagrit & Biotech (seaweed complex)
- Fix'N complex (herb extracts and mineral binder)
- Antioxidants (Zn, Cu, Se and vitamin E)
- Highly digestible mineral salts

## INSTRUCTION FOR USE

**Distribution:** Self-service. Place close to the water source.

**Recommended usage:**

- Fresh grass feeding.
- Soluble nitrogen-rich diets.
- Leguminous feeds.
- Intensive breeding camps.
- Provide loose, coarse salt separate from feed 3-5 days before placing blocks to avoid high intake in the beginning due to high salt requirements.

TARGET SPECIES	GAME
Average consumption	10-20g / 100 kg live weight
Number of blocks to place to avoid overcrowding	1 block per 20-30 animals

Intake could possibly be exceeded if the animals' requirements are high. To avoid overconsumption, provide loose, coarse salt separate of feed 3-5 days before placing the blocks.

# Mode of action

## ISSUES

- Accelerated intestinal transit:
  - Ammonia excess
  - Magnesium malabsorption
- Nutritional imbalance
- Environmental and nutritional stress
- Decrease in immunity and fertility

# Calsea mag+

## BENEFITS

- Mineral and nitrogen valorisation
- Improves utilisation of available feed
- Supports immunity and fertility
- Boosts production



FEED



## RUMEN

- Reduces transit
- Reduces ammonia production
- Improves microbial digestion

## REDUCES LOSSES

- Magnesium
- Nitrogen

- Reduces stress
- Reduces sensitivity to infection
- Reduces reproductive problems (fewer abortions and embryonic mortalities)

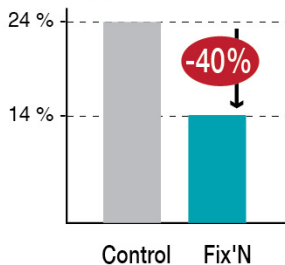
## REDUCES UREA PRODUCTION

- Improved liver function
- Reduced losses through urine and milk (reduced MUN)

## Fix'N

- Decreases ammonia production
- Regulates nitrogen flow
- Optimises nitrogen usage

### Tested at INRA Toulouse Decrease in ammonia Production



## Calseagrit Biotech

- Supports ruminal fermentation
- Optimises diet
- Provides highly digestible calcium

## Sodium Base

- Self-regulation
- Supports appetite and digestion
- Synergy with magnesium

## Vitamin E / Selenium

- Antioxidative action
- Supports fertility and immunity
- Improves foetus viability
- Enhances vaccine efficiency

## Magnesium

- Reduces stress (calming effect)
- Supports production
- Synergy with sodium and calcium