

Spadea

RUMEN B



MINERAL FEED/COMPLEMENTARY FEED - LICKING BLOCK

SPECIFICITIES : Digest Core, Rumen Core, Calseagrit Iotech, Sodium base.

COMPONENTS

Analytical constituents

Calcium (Ca)	7,5%
Sodium (Na)	19,5%
Phosphorus (P)	2%
Magnesium (Mg)	2,4%
Sulfur (S)	1%
Mineral matters	78%

Trace elements (mg/kg)

Zinc (Zn)	9 750
Manganese (Mn)	4 000
Copper (Cu)	1 625
Iodine (I)	100
Cobalt (Co)	40
Selenium (Se)	10

INSTRUCTIONS FOR USE

Distribution: Self-service on a suitable holder

Provide a minimum:

1 block per herd of 10 Bovines

1 block per herd of 30 Caprines

Average daily consumption:

Bovine with a functional rumen : 60 g/LSU/day

Caprine with a functional rumen : 10 g/head/day

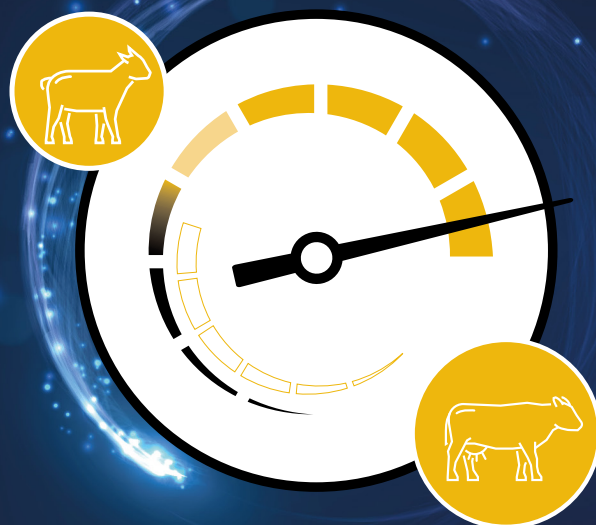


Agrément : aFR35.288.115

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FEED EFFICIENCY

**Your solution for
ACIDIC DIET**



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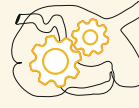
THE RISK FACTORS IN BREEDING



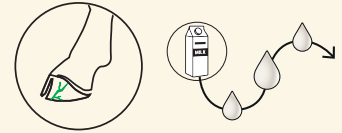
Acidogenic risk
of ration rich in starch



Loss of appetite
and insufficient
rumination



Poorly valued
energy and mineral
potential



Locomotor disorders
(laminitis, lameness) and
decreased performance
(milk, ADG)

MODE OF ACTIONS

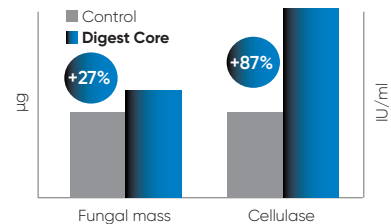
STIMULATION OF DIGESTIVE FLORA

Digest Core:

- Stimulation of beneficial microbiota
- Promotes the consumption of dry matter



Effect of Digest Core on rumen fungal growth and enzymatic activity



Source : Calza, 1996
Appl Microbiol Biotechnol 45:811-821

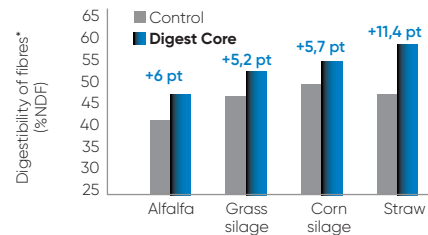
DIET ENHANCER

Combination of Calseagrit Iotech and Digest core:

- Buffer effect
- Stimulation of ruminal flora
- Promotes fiber degradation
- Supply of marine minerals more assimilable than the terrestrials one.



Digest Core effect
on the digestibility of fodder



*NDF (neutral detergent fibre): cellulosis hemicellulosis and lignin making up plant cell walls

Sources : Beharka & Nagaraja, 1993,
Chen et al. 2004, Gomez et al., 1990,
1991, Nocek & Jensen, 2009, 2011, Varel
et al., 1993, Westvig et al., 1991

SUPPORT OF RUMINAL pH

Rumen Core:

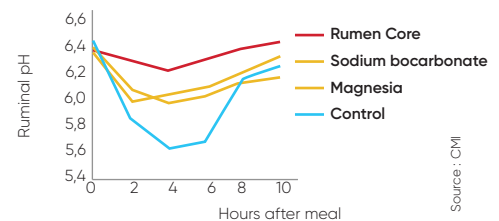
- Support of ruminal fermentation
- pH regulation thanks to the buffer effect

Sodium base:

- Stimulation of salivation and production of endogenous bicarbonate



Effect of buffer additives
on rumen pH



Source : CIVI