

LEVUCELL®SC

RUMEN SPECIFIC YEAST €

LEVUCELL®SC is a concentrated live yeast specifically selected to enhance the nutrition and health of ruminants. The strain (*Saccharomyces cerevisiae* CNCM I-1077) has been chosen for its specific properties:

- **Stabilization of rumen pH and reduction in acidosis risk,**
- **Stimulation of the microbial biomass of the rumen,**
- **Stimulation of the enzymatic and cellulolytic activities in the rumen,**
- **Improvement of the anaerobic rumen environment (anaerobiosis).**

QUALITY ASSURANCE

STRAIN OF YEAST :

- Species : *Saccharomyces cerevisiae* registered at the Pasteur Institute collection (CNCM), Paris, under the number I-1077. (European Authorization : E1711/4b1711 €).

	LEVUCELL SC 20	LEVUCELL SC 10 ME
CONCENTRATION CNCM I-1077 (cfu*/g)	2.0 x 10 ¹⁰	1.0 x 10 ¹⁰
SHELF LIFE**	16 months	12 months

* colony forming unit ** kept in closed packaging in a cool dry place

RATE OF USE (animal/day)

	LEVUCELL SC 20		LEVUCELL SC 10 ME	
	g	cfu*	g	cfu*
• DAIRY COW€	0.50 g	1 x 10 ¹⁰	1.0 g	1 x 10 ¹⁰
• BEEF CATTLE€	0.40 g	8 x 10 ⁹	0.80 g	8 x 10 ⁹
• YOUNG CATTLE (grass-fed calf, heifer)€	0.20 g	4 x 10 ⁹	0.40 g	4 x 10 ⁹
• GOAT€, EWE€	0.20 g	4 x 10 ⁹	0.40 g	4 x 10 ⁹
• LAMBS€	0.15 g	3 x 10 ⁹	0.30 g	3 x 10 ⁹

METHODS OF ANALYSIS

Counting of live cells on Gelose medium (Lallemand' s method).

Genetic identification by PCR (Polymerase Chain Reaction).

HEALTH & SAFETY

LEVUCELL®SC is non-toxic and harmless to humans and animals. It leaves no residues and has no withdrawal time.

PACKAGING

For Levucell SC 20 and SC10ME: 20 kg Card box with aluminium inner bag sealed respectively under vacuum and under controlled atmosphere.

For Levucell SC20 also available in 10 kg cardboard containing 20 units of 500 g aluminium vacuumed pack.

€ : EU approved (E1711/4b1711) for use in bovine destined for milk and meat production, dairy goats, dairy ewes and lambs.



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PHYSICAL PROPERTIES

APPEARANCE:

- Fine, light beige powder

FORMULATION:

- LEVUCELL®SC is supplied under two formulations adapted to standard feeding practices:
 - LEVUCELL®SC 20, concentrated formulation for premix and meal feed,
 - LEVUCELL®SC 10ME, Micro-Encapsulated formulation for premix and pelleted feed.
- LEVUCELL®SC is formulated for maximum flowability in transfer systems (eg silos) and for homogenous dispersion into premixes and feed compounds.
- LEVUCELL®SC is compatible with antibiotics and other feed additives used in ruminant feed rations.