

LEVUCELL[®]SC

RUMEN SPECIFIC YEAST ^e

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⁻).

	LEVUCELL SC20 LEVUCELL SC (OU)	LEVUCELL SC10 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 SC20 LEVUCELL SC (OU)		LEVUCELL SC10 ME	
	g	cfu*	g	cfu*
• DAIRY COWS	0.5 g	1 x 10 ¹⁰	1.0 g	1 x 10 ¹⁰
• BEEF CATTLE	0.4 g	8 x 10 ⁹	0.8 g	8 x 10 ⁹
• YOUNG CATTLE (grass-fed calf, heifer)	0.2 g	4 x 10 ⁹	0.4 g	4 x 10 ⁹
• SMALL RUMINANTS (goat, lamb, ewe)	0.2 g	4 x 10 ⁹	0.4 g	4 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.

PHYSICAL PROPERTIES

APPEARANCE:

- Fine, light beige powder

FORMULATION:

- LEVUCELL[®]SC is supplied under three 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 (OU), Organic Use Formulation for premix and mill feed, approved by OMRI and GarantieBio-Ecocert.
- LEVUCELL[®]SC is formulated for maximum flowability in transfer systems (eg silos) and for homogeneous dispersion into premixes and feed compounds.
- LEVUCELL[®]SC is compatible with antibiotics and other feed additives used in ruminant feed rations.

Animal Nutrition

