

RYeast40®

SUPPORT - SOLUTIONS - RESULTS

MarSyt

An Agricultural Company
Since 1995

A Premium Yeast Culture

DAIRY CATTLE

FEATURES & BENEFITS

RYeast40® is the ideal nutrition for the rumen flora. It stimulates the cellulolytic bacteria activity boosting the rumen's microflora condition, which will lead to significantly higher milk yield and the improvement on cattle's general health and welfare. It contains the thickest beta glucans and MOS fractions which will resist the rumen conditions reaching the hindgut with a direct effect on pathogen mitigation.

Yeast Metabolites Action

- Improved feed intake and feed efficiency
- Improved fiber and nutrient digestion
- Enhanced microbial synthesis
- Increased milk and component production
- Improved daily weight gain and meat production
- Decreased risk of acidosis and other digestive upsets

MOS and Beta Glucans Action

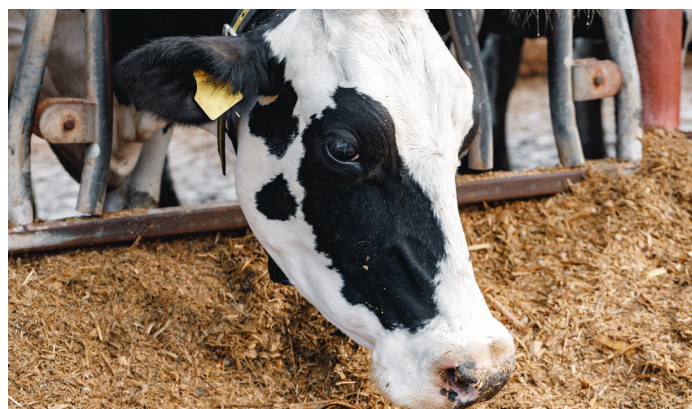
- Enhanced immune function, reducing morbidity and mortality rates
- Reduced inflammation of intestinal tissues which improves nutrient absorption
- Promotes a healthier animal

FEEDING RECOMMENDATIONS

Calves: ¼ oz (7 g/hd/day)

Dairy Cattle: ½ oz (14 g/hd/day)

Beef Cattle: ¼ oz (7 g/hd/day)



RYeast40® is a registered trademark of ICC Brazil.

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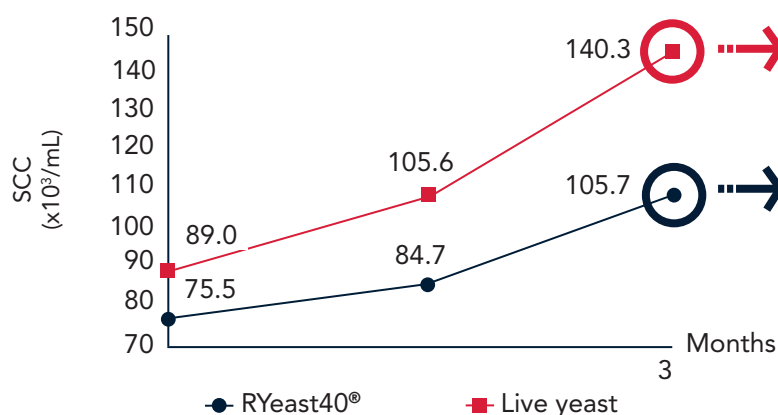
Efficiency First: RYeast40® Improves Milk Components

	Control (29% starch)	RYeast40® (29% starch + 15 g/head/day of RYeast40)
Fat %	3.64 ^b	3.82 ^a
Protein %	2.97 ^b	3.04 ^a
Lactose %	4.90 ^a	4.92 ^a

Research conducted by the Department of Animal Sciences at the University of Florida, USA, in 2014 involved 56 Holstein cows in early lactation. The treatments included a control group (29% starch) and RYeast40® group (29% starch + 15 g/head/day of RYeast40®). The study lasted 13 weeks with significance determined at $P = 0.05$

Higher levels of concentrate (starch) in the diet can decrease milk fat content, leading to profit losses. RYeast40® supports lactating cows fed high-concentrate diets by improving fat, protein, and lactose levels, resulting in overall enhanced milk quality.

SOMATIC CELL COUNT (SCC) REDUCTION



High Somatic Cell Count (SCC) numbers indicate a significant degree of infection (mastitis).

RYeast40® supports the immune system at the wall of the small intestine and helps reduce the effects of pathogens and mycotoxins. This can be helpful in reducing SCC.

Research conducted in Ancali, Chile, in 2016 involved 252 Holstein cows divided into two treatment groups: live yeast and RYeast40® (15 g/head/day). The experiment lasted three months, with somatic cell count (SCC, x 10³/mL) evaluated on one day each month.



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