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The effect of *Yarrowia lipolytica* culture on growth performance, ruminal fermentation and blood parameters of dairy calves

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Highlights

- *Yarrowia lipolytica* yeast culture improved rumen fermentation profile in dairy calves
- *Yarrowia lipolytica* yeast culture improved metabolic status in dairy calves
- *Yarrowia lipolytica* yeast culture improved growth performance in dairy calves

ABSTRACT

Yeast cultures have been widely investigated as feed additives to improve growth and health of animals. However, most of the research has focused on *Saccharomyces cerevisiae* products, whereas effects of non-conventional species such as *Yarrowia lipolytica* are not yet known. *Y. lipolytica* is a non-pathogenic yeast which can metabolize glycerol among other important industrial byproducts and is rich in fat and many other nutritional and bioactive compounds. The aim of the study was to investigate the effects of *Y. lipolytica* culture added to colostrum

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