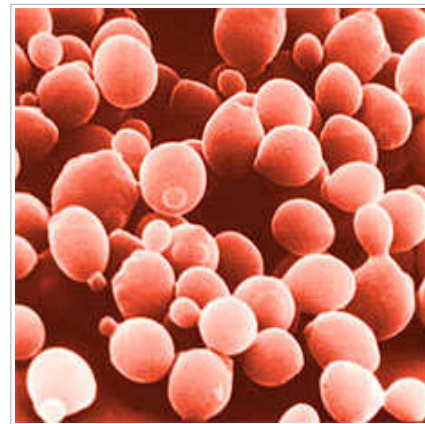


Why live yeast cells should be used in feed of milk cattle?

Live yeast cells are widespread in nature and in human use for thousand of years. They are usually associated with beer and wine production, fermented vegetables and sauces, and bakery industry. Live yeast cells are classified as unicellar strain of yeast and not permanent residents in body of domestic animals. However, their isolated from digestive tract of many animals, among which milk cows.

Live yeast cells have been part of milk cattle feed for more than half century, but it's application is extremely increasing in last few years. Bearing in mind that live yeast cells contain a lot of amino acids that make up to 40% of the total content, their nutritive value is very high. Due to the fact that even in small number live yeast cells can increase production results of milk cattle, yeast cells should be considered as bio-regulators.



The benefits of using supplements based on live yeast cells at milk cattle are following:

- 1) increased milk production
- 2) increased content of milk proteins and fats in milk
- 3) increased consumption of dry materials
- 4) increased body weight at young calves

Thus, feed based on live yeast cells became trend on many west countries livestock farms.

In the rumen, temperature is about 39°C, and it is an anaerobic environment, therefore there are no benefits for yeast culture reproduction, success or failure of supplements in milk cow feed depend on quantity and quality of yeast culture that are used. First, the choice of strain is very important. Second, yeast culture contain live yeast enriched with medium in which they grow (vitamins, mineral, factor of grow), their production in livestock breeding should be better than performance of products with live dry yeast. One thing should be pointed out: live yeast is bioregulator and nonactive not.

Use of yeast culture as bioregulator in milk cows made great breakthrough in use of natural products in livestock feed production.

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Suggestion

Yeast protein feed BLOKVAS 45 with live yeast cells, contains minimum 45% natural soybean protein. BLOKVAS 45 is manufactured in fabric of oils and proteins BIOPROTEIN, Obrenovac.