

FEED ADDITIVE FOR DAIRY COWS IN THE AREA PRECARPATHIAN

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The laboratory animal nutrition and feed technology Institute of Agriculture Carpathian region NAAS developed a new feed additive to supplement the diets of dairy cows some deficit macro- and micronutrients for areas Precarpathians.

The estimation of the feeding efficiency of the standard premix P 60-11-89 and the experimental variant of the feed additive in cows ration on the intensity of metabolic processes in the organism and its milk production level during the summer grazing period was compared.

It was established that feeding cows by mixed fodder with 12 % by weight experimental feed additive improves the level of metabolic processes in the organism of lactating cows in research group and provides an average daily milk yield up to 7.6%, improve to increase content of fat and casein in milk.

The composition of the basic ration (BR) consisted of feed farms and commercial feeds with premix P60-11-89. Rations were balanced according to detailed rules. All animals during the preparatory period received the ration of the control group, and during of experiment the research group - basic ration with an experimental feed additive, thus adjusting limiting for the Precarpathian region during the summer grazing period mineral elements and fat-soluble vitamins (Sulfur, Copper, Zinc, Iodine, Cobalt, vitamin D). The feed additive was fed twice daily in the feed.

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Keywords: DAIRY COW, FEED, FEED ADDITIVE, THE CONTENT OF SCARS, BLOOD AND MILK.