

THE INFLUENCE OF PROBIOTIC „BILAVET“ ON BIOCHEMICAL INDICATORS IN DOGS

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Summary. The influence of probiotic „Bilavet“ was studied experimentally in dogs. The puppies were treated with a single dose (4 ml/1 kg body weight) from 1 to 5 days of age and repeatedly as a single dose from 14 to 18 days of age (4 ml/1 kg body weight). It was shown a positive influence on blood biochemical parameters. Blood proteins increased on 4.34 % and globulins on 7.68 %, respectively. The trial continued for 18 days and shown that the probiotic had a positive influence on blood composition, Furthermore, the mineral calcium in the blood of dogs increased on 14.43 %, inorganic phosphorus on 21.60 %, magnesium on 12.73 % compared to the controls.

However, there was no influence on blood aminotransferases level compared to the controls. In conclusion, probiotic „Bilavet“ stimulated nutrient metabolism of dogs and has a significant protective effect.

Keywords: probiotic, mineral level, dogs.