

dYEAST (*Sacharomyces cerevisiae*) IN THE BROILERS FEEDING

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A total of 1600 broilers were used in the present experiment, with the objective to study the possibility to use yeast from sugar cane fermentation (*Sacharomyces cerevisiae*) as substitute for antibiotics, in order to control intestinal microorganisms and consequently, like growth promoter. Ration containing corn, soy bran, meat floor, was freely supplied. The experimental design used was completely random with 20 treatments, 2 replications each. The treatments represent the factorial arrangement of 4 levels of yeast addition (0,15; 0,30; 0,45 and 0,60%) with and without antibiotics, one treatment with no yeast and no antibiotics and one treatment with just antibiotics. The feed program used was: starting chicken ration until 21 age days, growing chicken ration between 22 to 42 age days and finishing chicken ration between 43 to 48 age days. The results showed that the yeast can substitute the antibiotics used in the broilers ration, displaying a level of efficiency similar to that of the antibiotics in terms of weight gain, feed conversion and efficient feed index.

Key Wors: yeast, additives, nutrition, broilers.