

DRY MATTER DIGESTIBILITY OF VARIOUS CAT FEED PELLETS

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ABSTRACT

The purpose of this research is to be used as a reference to determine the ideally pellet cat feed compound for cat and as a literature to study about dry matter digestibility of various pellet cat feed. The research was conducted on 18 male domestic cats 3-6 months old with average weight 1,5-2 kg. The eighteen of domestic cats got three treatments and six repetitions which was divided. The substances which were use are control feed C0, various cat feed pellets with formula C1 and C2. The design of research which is used is the completely randomized design. Data dry matter digestibility was obtained from research was analyzed with ANOVA, to find out the treatment which is best, used tests Distance Regression Duncan or Duncan's Multiple Range Test with a significance level of 5%. The software that was used to analyzed the data is statistical program for social science 13 (SPSS 13) for Windows. The result of this researched showed that various of cat feed pellets have effects to dry matter digestibility values. Thus all of the ratios have difference dry matter digestibility values, C2 has the higher digestibility value and C1 has the lower digestibility value.

Key words : dry matter digestibility, various cat feed pellets, domestic cats.