

KANDUNGAN PROTEIN KASAR DAN SERAT KASAR BATANG PISANG KEPOK (*M. PARADISIACA NORMALIS*) YANG DIFERMENTASIKAN DENGAN PROBIOTIK ALAMI DAN TETES 2%

**RATIH ARIFIANI**

**KKC KK KH 05/10 Ari k**

**Herman Setyono MS drh**

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**ABSTRACT**

The aims of this research was to know about increase the protein and reduce crude fibre of banana trunk (*M. Paradisiaca normalis*) which were fermented by probiotic and molasses 2%. For design study was Completely Randomized Design with four treatments and five replications. All four treatment which contained of 100 g banana trunk and molasses 2% were grouped into P0, P1, P2, P3 and each of them added with 0%, 2%, 4%, 6% of probiotik respectively. Proximate analysis were done after banana trunk fermented for seven days. Data were analyzed with Analysis of Variance followed by Duncan's Multiple Range Test. The result showed that the effect of 4% probiotic and 2% molasses could increase crude protein of banana trunk from 3,7940% (P0) became 4,4540% (P2) and reduce crude fibre of banana trunk from 33,0980% (P0) became 25,4800% (P3).

**Key words** : crude protein and crude fibre, banana trunk, fermented, probiotic, molasses.