Abstract
This study was carried out to determine chemical composition and improvement digestibility data banana by product with additive Urea. For this goal, collected banana by product that consist of stem and leaf and root of bananas tree and then chapped with hand to 1-3 Cm. Then ensiled with 0-1-2-3% Urea in plastic bage. the treatment 1 was cosist of: banana by product silage with out Urea and straw and palm waste, treatment 2 was cosist of: banana by product silage with 1% Urea and straw and palm waste, treatment 3 was cosist of: banana by product silage with 2% Urea and straw and palm waste, treatment 4 was cosist of: banana by product silage with 3% Urea and straw and palm waste. Then 60 days open the silages and Initial pH, then chemical composition include: Dry Matter (DM), Organic Matter (OM), Crude Protein (CP), ASH, Neutral Detergent Fiber (NDF), and Acid Detergent Fiber (ADF) determinate. For measurement DM degradability and digestibility from canulate method with usage nylon bag and gas production. The result showed be that treatment with 3% Urea (4) with %15 had higher CP. Almost NDF was in treatment 4 with %80.90. Also, among treatment at different incubation times existence different significant. Treatment (4) had higher degradability and treatment (1) lowest degradability. The result of gas production test showed that treatment (4) and (1) had higher and lowest gas production. that then 96 hours incoubation had different for different treatment from 50/50-60/03 ML. organic matter digestability, treatment 4 and 1 had almost and lowest cost. Results of that chemical composition, degradability and digestability of studied treatments showd that adding of Urea cause to improvement of nutritive value of banana by prouct.

Key words: Nutritive value, Banana by product, Urea, Digestibility

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Effect of different levels of urea on nutritive value of banana by_product silage

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