

## **In Sacco Feeding Value of Multi-Stage Ammoniated Palm Press Fiber**

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**ABSTRACT :** The objective of present study was to evaluate feeding value of multi-stage ammoniated (MA) palm press fiber (PPF) by nylon bag technique. Fistulated-Bali cow with 250 kg body weight was use as in situ animal for nylon bag technique. Nylon bag were sampled in 0, 6, 12 and 24 hour. The sample was Palm press fiber which has been treated with hydrous ammonia several times by gradually-decreased hydrous ammonia concentration (8%, 4% and 2% respectively) within 12 days. Three treatments (control, ammoniated and multi-stage ammoniated) of PPF were evaluated in sacco for its apparent digestibility. Apparent digestibility of ammoniated and multi-stage ammoniated PPF were 2 times higher than control, moreover rate of disappearance in sacco also 36% higher than control. N-ammonia and Total VFA of multi-stage ammoniated PPF were 11% and 16% higher than control. There were no significant difference of N-ammonia and Total VFA between ammoniated and multi-stage ammoniated PPF.

**Keywords:** In Sacco, Multi-stage Ammoniated, Nylon Bag, Palm Press Fiber,