## 8<sup>th</sup> World Congress and Expo on Recycling

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## Ammoniated rice straw as feed for ruminants

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Reineral content and do not meet maintenance level of energy requirement for ruminant. Pre-treatment with ammonia gas or urea can greatly enhance intake, digestibility and crude protein content of rice straw and will improve the productive performance of the ruminants. However, because much of urea or ammonia is easily degraded in the rumen and much of absorbed N tends to be lost to the animal by excretion in the urine, to maximize the efficient use of ammoniated rice straw for ruminants, a small amount of rumen in degraded protein available for post-ruminant digestion is desirable.

## **Biography**

Muhammad Rusdy is an Animal Scientist holding Doctor in Pasture Agronomy from Faculty of Agriculture Kyushu University, Japan. He is Full Professor in the Department of Forage Science and Grassland Management Faculty of Animal Science Hasanuddin University, Indonesia. He has published about 60 articles both in peer review domestic and international journals. Due to scarcity of feed in Indonesia, he has interested to study the establishment and growth of high potential forage that suitable to be developed in Indonesia. He also has interested to study the use of agricultural wastes as ruminant feed and had presented his paper entitled Banana Wastes as Ruminant Feed in Recycling Expo that was held in Rome, July 2017. He has acted as Reviewer for many journals, both indexed and non-indexed in *Scopus*.

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