

Effects of different growth stages of amaranth silage on the rumen degradation of dairy cows

Jian Ma^{1,3}, Guoqing Sun^{1,2#}, Ali Mujtaba Shah^{3,4}, Xue Fan¹, Shengli Li^{2*} and Xiong Yu^{1*}

¹ College of Animal Science, Xinjiang Agricultural University, Urumchi 100193, China; Crazyrna0411@163.com (J.M.); jackjeons123@163.com (G.S.); fanxue1205@163.com (X.F.)

² College of Animal Science, China Agricultural University, Beijing 830052, China;

³ Animal Nutrition Institute, Sichuan Agricultural University, Chengdu 611130, China alimujtabashah@sbbuvas.edu.pk (A.M.S.)

⁴ Department of Livestock Production, Shaheed Benazir Bhutto University of Veterinary and Animal Sciences, Sakrand 67210 Sindh Pakistan

* Correspondence: lishengli@cau.edu.cn (S.L.); yuxiong8763601@126.com (X.Y.); Tel.: +86-10-13331168629 (S.L.); +86-991-15276763575 (X.Y.)

Jian Ma and Guoqing Sun contributed equally to this work



Figure S1. Fermentation container.