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This report documents a case of grain overload resulting from consumption of large amounts of brewers’ marsh; a by-product of ‘Busaa’ (a local brew made from maize flour). The brewer’s grain had been introduced suddenly to a herd of three animals. However, only one heifer developed clinical signs from fighting off the other two animals and feeding on most of the brewer’s grain. The heifer was due to calf in two weeks time. The Clinical signs occurred after 24 hours of consumption. Initially the heifer was reluctant to move, off feed and dull. The condition progressed rapidly into sunken eyeballs, lacrimation, dehydration, hypothermia, hyperventilate and atonic rumen with doughy feeling on palpation. The heifer died on its way to veterinary clinic. Post-mortem findings included aspiration of ruminal contents blocking the tracheal bifurcation and bronchi, congestion of laryngeal mucosa and oral end oesophageal mucosa. There was a 6-kilogramme polyethylene paper bags sphere mass in the rumen. The serosal side of the rumen was congested. Rumen was impacted with grain rich ingesta. Ruminal mucosa peeled off easily to reveal congested sub mucosa. Ruminal contents had a ph less than 5, and no ruminal protozoa were found on microscopic examination. Tracheal obstruction from aspiration of ruminal content was determined as the cause of sudden death.