

20 September, 2017

## Feedlotting Lambs and Urinary Calculi

Providing grain and hay alone to lambs in a feedlot may not lead to good growth rates and results. For instance, Urinary Calculi is a common issue when there is insufficient calcium in feed rations. Molafos Feedlot Concentrates can balance rations for improved nutrition.

### Calcium Deficiency in Grain/Hay Fed Lambs

Urinary Calculi (or water belly) is a common disease of male lambs and typically occurs when sheep are grain fed, resulting in a narrow calcium to phosphorus ratio. In other words, lambs lack a source of additional calcium and salt. The problem can be exacerbated when lambs do not drink enough water.

If no action is taken, the bladder can become distended and the bladder can rupture leading to increased mortalities.



### Balancing Lamb Nutrition

The range of Molafos Feedlot Concentrates contain protein, minerals, vitamins and medications to balance lamb nutrition, including the additional salts and calcium to address issues such as Urinary Calculi. These concentrates are designed to be mixed with the grain in a partial mixed ration, or with grain and roughage as part of a total mixed ration.

Feeding lambs a total mixed ration (TMR) achieves the greatest level of ration intake control. Using a feed wagon to mix the TMR and then feeding it out into open troughs should yield the best results. Providing all of the ingredient inclusions in a single, evenly mixed feed reduces the variance in feed consumption for individual lambs.

### Molafos Feedlot Concentrates

These concentrates are molasses based and are designed to enhance palatability, reduce dust and alleviate feed separation issues. The range of inclusion levels are from 3% to 8% to suit all types of feeding systems.

For the most accurate formulation we require a nutritional analysis of the commodities in the ration. GrainCorp Liquid Feeds offers complimentary commodity analysis and ration formulation with the purchase of a Molafos product.

**For further information please contact your local Molafos distributor.**