

# UREA



UREA

## SUMMARY:

Urea is a non-protein nitrogen source which contains 46% nitrogen, or in real terms 281% protein. It is used in combination with Sulphur. Rumen microflora use and digest the urea and in turn increase the utilization of feeds by the animal. An effective use of Urea can increase dry feed intake by 30-50%. Grazing ruminants can utilize Urea on a daily basis provided care and attention to detail are followed. Urea is used in compound and feedlot diets as a valuable tool to increase nitrogen intake and thereby supplying a higher protein level. Always discuss the use of urea with a Nutritionist.

## CONTAINS

Nitrogen.....46%

## DOSE RATE:

Dependant on feed availability, dry matter content, or Levels of protein in grains or legume combinations when structuring supplements or grain based feeds.

## UREA

Urea must be fed in strict ratio with Sulphur, the optimum for cattle is 13: 1. This is about the ratio in leaf tissue protein. As the pasture declines the ratio stays the same. When supply grazing ruminants Non Protein sources such as Urea it always beneficial to add Sulphur. The most common source of Sulphur used is Ammonium Sulphate. Normally when using Granulated Ammonium Sulphate as the Sulphur source, 1 part of GranAm to every 6 parts of Urea is normally used.

Urea 46% Nitrogen and GranAm is 24% Sulphur.

Usually dry feed licks and blocks, on average contain 10% Urea and Sulphur to match, However, all Urea sources can be problematic when consumed quickly or when wet.

When using Urea and Sulphate of Ammonia in grain based rations it is always recommended to start low and work your way up to a desired level. Remember, whole grain mixes will see ingredients like Urea filter and fall out of the mix. The level required depends on the target species, Cattle, Sheep, Goats etc. Different animals have different tolerances.

The combination of Urea and grain can be a valuable tool for animal growth particularly in feedlots or confined feeding, a little bit adds a lot of usable protein. Urea should always be used wisely and with care, talk to a nutritionist before using.

**Do not feed to any other animals other than grazing ruminants.**

## PACK SIZES :

2 kg ,5 kg, 25 kg bags.

This product does not contain restricted animal material.

Store in a cool dry place, nil withholding period.



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