

A highly effective, concentrated and double action pellet binder for all types of feed.

FEATURES

Nutritional requirements of modern animal breeds are very high, this together with economic pressures result in the use of raw materials that may often negatively influence the pellet quality of feed. Low quality pellets generate fines which are then recirculated through the pelleting process. This results in reduced production throughput, nutrient reduction due to heat damage and an increase in production cost due to energy inefficiency. Low pellet quality also affects feed intake by animals on farm, which could result in production losses.

MODE OF ACTION

During the pelleting process, feed ingredients, in the presence of moisture, react with starch and proteins to form complexes which have adhesive properties. Use of KEMBIND Maxi Dry is a good solution to improve pellet quality when fines and pellet durability are sub-standard. The guar gum in KEMBIND Maxi Dry is a carbohydrate with a high molecular weight from the Guar plant seed. Guar gum hydrates rapidly in the presence of water or steam and cross links with KEMBIND's calcium sulphate to form a gel. This viscous gel binds the feed ingredients well and assists in lubricating the pellet mill die to make a good quality pellet and enhance pelleting efficiency.

BENEFITS

- Effective at a low inclusion rate
- Improves pellet quality of high fat feeds
- Improves pellet quality of high fibre feeds
- Lower abrasion
- Reduces power consumption
- Improves the longevity of the pellet die
- Easy mixing
- Easy to handle
- Less waste due to fewer dust/fines losses

DOSAGE RECOMMENDATIONS

Use at the rate of 1-3 kg/ton of finished feed.

Should be added after the vitamins and other micro-ingredients are added.

Follow general pelleting guidelines that recommend applying the maximum amount of steam in the conditioning chamber, and corresponding production rate, to produce the best quality pellet out of the die.

PRODUCT COMPOSITION

Guar Gum
Calcium Sulphate

PACKAGING AND STORAGE

This product is packaged in 25 kg bags and is stable for 2 years. Store in a cool, dry place and away from direct sunlight