



MAIZE DDGS

PRODUCT DESCRIPTION:

Distiller's Dried Grains with soluble (DDGS) are the dried residues remaining after the starch fraction of Maize is fermented with yeasts to produce ethanol.

- DDGS is high in protein (29% of DM) of which 55% is rumen bypass.
- The high energy level at DDGS is derived predominantly from fibre and fat and does not cause any risk of developing acidosis.
- DDGS contains dried yeast cells from the distillery process that provides B-vitamins and an excellent palatability.
- As the solubles provide highly digestible microbial amino acids (15% of total protein), the total protein digestibility of DDGS is high. The composition of the amino acid pattern, low in lysine and high in methionine, makes it highly compatible with other protein sources like soybean meal.
- Compared to Australian Wheat DDGS, US Maize DDGS has a higher energy value and total digestible nutrient value. The protein level of Maize DDGS is marginally lower where its bypass portion is significantly higher.
- DDGS is a good source at readily available low cost, organic phosphorous.

TYPICAL ANALYSIS: (as feed basis)

ENERGY	13.9	ME MJ/Kg DM
DRY MATTER	87.8	%
PROTEIN	30.75	%DM
CRUDE FAT	9.4	%DM
NDF	34.4	%DM

FEEDING RECOMMENDATIONS:

The benefits at DDGS are best captured in a balanced feed ration. Possible inclusion rates depend upon achieving a nutritional balance, but typically up to 20% of daily DM-intake will maximise performance.

DDGS can be fed mixed with silage in the paddock or on the feed pad. Consult your nutritionist or farm consultant to work out the most optimal inclusion level for your particular situation.

