

TIVERTON PLANT

Wet Corn Distillers' Grain with Solubles

DESCRIPTION:

Wet Corn Distillers' Grain is the product obtained after the removal of ethyl alcohol by distillation from the yeast fermentation of corn.

TYPICAL RESULTS: (Dry matter basis)

Dry Matter, %	30.5
Crude Protein, %	30.8
Crude Protein, % (as is)	9.4
Acid Detergent Insoluble Crude Protein, %	2.7
Neutral Detergent Insoluble Crude Protein, %	6.2
Soluble Crude Protein, %	14.7
Crude Fibre, %	8.3
Crude Fibre, % (as is)	2.5
Acid Detergent Fibre, %	15.0
Neutral Detergent Fibre, %	32.1
Lignin, %	3.7
Fat, %	14.8
Fat, % (as is)	4.5
Non Fibre Carbohydrates, %	22.9
Total Digestible Nutrients, %	88.4
Net Energy for Lactation, M cal/lb	1.01
M cal/kg	2.22
Net Energy for Gain, M cal/lb	0.75
M cal/kg	1.65

Net Energy for Maintenance, M cal/lb	1.07
M cal/kg	2.35
Calcium, %	0.03
Phosphorous, %	0.75
Magnesium, %	0.32
Potassium, %	0.89
Sodium, %	0.15
Sulphur, %	0.58
Iron, ppm	75
Zinc, ppm	51
Copper, ppm	3
Manganese, ppm	12
Starch, %	5.0
Simple Sugars, %, Ethanol Soluble Carbohydrates	6.15
Ash, %	5.6
Lysine, %	1.09
Available Lysine, %	1.03

Consultation with your nutritionist is recommended to insure a proper balance of nutrients in the animal's ration.

STORAGE AND HANDLING:

Wet Distillers' Grain can be kept short term (up to 3 weeks) and should be stored on a cement pad or in a storage tank. Minimizing the exposed surface area will help retain the product "heat" in the winter and will reduce deterioration in all seasons. For storage longer than three weeks, please contact your GreenField Ethanol representative for options.

USE AND HANDLING:

Wet Distillers' Grain is an excellent all natural protein and energy source, and is a significant source of rumen by-pass (rumen undegradable) protein. Typical usage rates for up to 8kg or 18 pounds per head per day can help improve energy density, UIP/DIP balance, ration palatability and maintain the percent forage NDF in your ration.

September 15, 2008