

CHATHAM PLANT

Wet Corn Distillers' Grain with Solubles

DESCRIPTION:

Wet Corn Distillers' Grains 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, %	32.7	Net Energy for Gain, M cal/lb	0.68
Crude Protein, %	32.4	M cal/kg	1.5
Crude Protein, % (as is)	10.6	Net Energy for Maintenance, M cal/lb	0.98
Acid Detergent Insoluble Crude Protein, %	5.5	M cal/kg	2.2
Neutral Detergent Insoluble Crude Protein, %	9.5	Calcium, %	0.04
Soluble Crude Protein, %	20.3	Phosphorous, %	0.68
Crude Fibre, %	8.4	Magnesium, %	0.27
Crude Fibre, % (as is)	2.7	Potassium, %	0.82
Acid Detergent Fibre, %	18.8	Sodium, %	0.08
Neutral Detergent Fibre, %	34.7	Sulphur, %	0.76
Lignin, %	4.4	Iron, ppm	67
Fat, %	11.9	Zinc, ppm	54
Fat, % (as is)	3.9	Copper, ppm	1
Non Fibre Carbohydrates, %	25.4	Manganese, ppm	12
Total Digestible Nutrients, %	83.0	Starch, %	4.2
Net Energy for Lactation, M cal/lb	0.93	Simple Sugars, %, Ethanol Soluble Carbohydrates	6.2
M cal/kg	2.0	Ash, %	5.2

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. 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. For beef and dairy, 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.

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