



## Golden Gluten™

Product Code 014415

## Technical Information

### Product Usage

Wet corn gluten feed is produced similarly to dry corn gluten feed except that the bran is pressed to approximately 35% dry matter before the steep liquor is added. The product has an oatmeal-like consistency, and with a pH near 4.0, it can be stored indefinitely in an anaerobic environment. Other feedstuffs are usually mixed with wet gluten feed to facilitate blowing when stored in an upright silo. Depending on temperature, wet gluten feed will start to mold in 7-14 days when exposed to air. Golden Gluten™ is a wet feed ingredient that provides an excellent source of protein, energy, fiber and minerals for both beef and dairy cattle. Research indicates that use of Golden Gluten™: may increase ration dry matter intake, may increase average daily gains, and can reduce acidosis, with feed efficiency values comparable to corn when fed to feedlot cattle.

### Guaranteed Analysis

<u>Chemical Specifications</u>	<u>Limit</u>	<u>Methods</u>
Protein, % NLT	6.0	AOAC 990.03
Fat, % NLT	1.0	AOAC 2003.05
Fiber, % NMT	4.0	AOCS Ba 6a-05

<b>Typical Nutritional Analysis</b>	<b>Marshall</b>	<b>Columbus</b>	<b>Clinton</b>	<b>Cedar Rapids</b>
	<b>As Fed</b>	<b>As Fed</b>	<b>As Fed</b>	<b>As Fed</b>
Dry Matter, %	41.12	41.30	44.19	41.9
Crude Protein, %	6.16	8.49	9.00	7.27
Crude Fat, %	1.74	1.29	1.28	0.89
NDF, %	16.55	18.14	15.16	17.33
ADF, %	4.87	5.45	4.76	4.60
Ash, %	1.51	2.05	2.72	1.97
<b>Total Digestible Nutrients, %</b>	<b>31.88</b>	<b>33.62</b>	<b>35.75</b>	<b>32.50</b>
Net Energy Maintenance, mcal/lb	0.35	0.37	0.40	0.35
Net Energy Gain, mcal/lb	0.23	0.25	0.26	0.23
Net Energy Lactation, mcal/lb	0.33	0.35	0.37	0.33
Calcium, %	0.01	0.02	0.02	0.01
Phosphorous, %	0.22	0.36	0.47	0.30
Potassium, %	0.35	0.56	0.70	0.38
Sodium, %	0.05	0.03	0.09	0.00
Magnesium, %	0.10	0.16	0.20	0.11
Sulfur, %	0.16	0.18	0.16	0.13
Copper, ppm	2.30	2.00	2.40	2.27
Iron, ppm	22.93	30.86	33.20	33.44
Manganese, ppm	4.69	7.21	7.60	5.00
Zinc, ppm	13.68	22.00	29.00	0.00



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Typical Nutritional Analysis	Marshall	Columbus	Clinton	Cedar Rapids
	Dry Basis	Dry Basis	Dry Basis	Dry Basis
Dry Matter, %	100.00	100.00	100.00	100.00
Crude Protein, %	14.98	20.56	20.37	17.35
Crude Fat, %	4.24	3.11	2.90	2.12
NDF, %	40.24	43.93	34.31	41.36
ADF, %	11.85	13.20	10.77	10.98
Ash, %	3.66	4.96	6.16	4.70
<b>Total Digestible Nutrients, %</b>	<b>77.53</b>	<b>81.41</b>	<b>80.90</b>	<b>77.57</b>
Net Energy Maintenance, mcal/lb	0.84	0.89	0.91	0.84
Net Energy Gain, mcal/lb	0.57	0.60	0.59	0.55
Net Energy Lactation, mcal/lb	0.81	0.85	0.84	0.79
Calcium, %	0.02	0.04	0.05	0.02
Phosphorous, %	0.53	0.86	1.06	0.72
Potassium, %	0.84	1.34	1.58	0.91
Sodium, %	0.12	0.08	0.20	0.00
Magnesium, %	0.25	0.39	0.45	0.26
Sulfur, %	0.39	0.44	0.36	0.31
Copper, ppm	5.59	4.84	5.43	5.42
Iron, ppm	55.76	74.71	75.13	79.81
Manganese, ppm	11.41	17.47	17.20	11.93
Zinc, ppm	33.27	53.27	65.63	0.00

**Additional Nutritional Information**

All values are based on the most recent laboratory tests. Products may vary slightly due to seasonality. As such, the values in the typical analysis above cannot be guaranteed.



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## Other Information

### Ingredient Statement

Corn gluten feed

### Available Pack Size

Bulk Shipments: Truck only

### Regulatory Information

Country of Origin: United States of America

CAS #: 66071-96-3

AAFCO #: 48.13

IFN #: 5-02-903

### Shelf life and Storage

Product is best if used within 7 days of manufacture date. Ambient storage conditions could affect this timeframe.

### Manufacturing Locations

Available From: Cedar Rapids, Iowa;  
Clinton, Iowa; Columbus, Nebraska;  
and Marshall, Minnesota

### Sales and Marketing Contact Information

Website: [www.adm.com](http://www.adm.com)

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