## **CORN GERM MEAL**

### **Technical Data Sheet**

#### **Product Description**

Corn germ meal is an excellent source of protein and fiber for poultry, swine, cattle, pets, and other animals providing a good balance of amino acids and essential nutrients.

### **Typical Nutrient Composition\* (as-is basis)**

De	ecatur	Clinton
Moisture, %	10.5	9.8
Crude protein, %	23.1	25.2
Crude fat, %	. 1.5	0.7
Crude fiber, %	8.2	8.3
Ash, %	3.3	3.1
Starch, %	15.13	11.41
ADF, %	12.82	13.19
NDF, %		40.60
Calcium, %	0.01	0.01
Phosphorus, %	0.78	0.75
Sulfur, %	0.301	0.329
Na, %	0.044	0.004
Mg, %	0.251	0.249
K, %	0.47	0.42
Fe, ppm	101	113
Zn, ppm	84	96
Cu, ppm	7	5
Mn, ppm	11	13

#### **Digestibility Coefficients, %**

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Amino Acids	Typical	Poultry	Swine	
Arginine	1.58	88.7	89.7	
Cysteine	0.32	69.0	64.1	
Glutamic acid	3.15	87.3	77.8	
Glycine	1.31	NA	68.6	
Histidine	0.69	83.6	77.6	
Isoleucine	0.91	85.6	76.7	
Leucine	1.81	88.8	83.8	
Lysine	0.98	78.0	68.4	
Methionine	0.45	88.1	80.8	
Phenylalanine	1.08	89.4	82.0	
Serine	0.93	89.3	75.1	
Threonine	0.89	80.0	71.3	
Tryptophan	0.13	88.7	81.4	
Valine	1.42	86.2	76.0	

<sup>\*</sup>Approximate values; not guarantees of actual content.

#### ADM Corn Co-Products | 800.541.1062 | 03.09.21

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	As-Is	DM
Total Digestible Nutrients (%)	67.3	74.0
Net Energy Maintenance (mcal/lb)	.73	.80
Net Energy Gain (mcal/lb)	.46	.51
Net Energy Lactation (mcal/lb)	.70	.77

Energy, kcal/kg	DM	Decatur, As-Is**	Clinton, As-Is**
GE (Ellis, 2018)	4,639	4,152	4,184
Swine DE	3,210	2,873	2,895
Swine ME	3,143	2,813	2,835
TME <sub>N</sub> (UGA 2010)	2,244	2,008	2,024
AME(Stein, UIUC)	1,984	1,776	1,790

<sup>\*\*</sup>adjusted to average moisture at each location (Decatur: 10.5%, Clinton: 9.80%)



