



AS FED



One-of-a-kind process for safe, consistent results.

Dakota Germ™ delivers the extra energy your poultry, swine or dairy cattle need to stay strong and healthy. What's more, our innovative bio-refining process, BFRAC™ ensures the most desired proteins from the corn kernel stay right where you want them. The amino acid profile is also quite desirable, despite a moderate protein level. The Dakota Germ fraction has not been through fermentation, so the oil is in its native state.

- Recommended for all species
- Provides extra energy in rations
- Highly digestible fat content
- Excellent source of digestible amino acids



Dakota Germ™
Corn Germ Dehydrated

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Protein, Fat, Energy, Fiber

Item	Value ^{1,2}
Dry Matter, %	91.5
Crude Protein, %.....	14.5
Crude Fat, %	15.8
Crude Fiber, %.....	6.0
ME – Swine, Kcal/lb ³	1828
ME – Poultry, Kcal/lb ³	1760
ADF, %.....	7.4
NDF, %	22.6
Ash, %	5.1

Amino Acids, %

Item	Value ^{1,2}
Alanine.....	1.38
Arginine.....	1.30
Aspartic Acid	1.15
Cystine.....	0.60
Glutamic Acid	1.97
Glycine.....	0.72
Histidine.....	0.51
Hydroxyproline	0.00
Isoleucine	0.52
Leucine.....	1.07
Lysine.....	0.81
Methionine	0.28
Phenylalanine.....	0.61
Proline.....	0.86
Serine.....	0.68
Threonine.....	0.57
Tryptophan	0.19
Tyrosine	0.38
Valine	0.69

Minerals

Item	Value ^{1,2}
Calcium, %	0.02
Phosphorus, %.....	1.46
Sodium, %.....	0.01
Potassium, %	1.53
Magnesium, %.....	0.60
Sulfur, %	0.17
Copper, ppm	8
Iron, ppm.....	87
Manganese, ppm	20
Zinc, ppm	89

1 All Values: As Fed Basis

2 Average of over 15 new crop 2008– 2009 samples sent to Midwest Laboratories, Omaha, Nebraska.

3 All energy values determined experimentally assume following values for corn: NE_L = 78; NE_M = 84; NE_G = 56; ME - S = 1505; ME - P = 1522.



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