

Comparison Table: Apparent and Standardized True Ileal Digestibility of Crude Protein and Amino Acids of DDGS for Swine.

| | DM | CP | Agr | His | Ile | Leu | Lys | Met | Phe | Thr | Trp | Val | Ala | Asp | Cys | Glu | Gly | Pro | Ser |
|--|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| TOTAL, % | | | | | | | | | | | | | | | | | | | |
| - MINNESOTA - | | | | | | | | | | | | | | | | | | | |
| Al-Corn Clean Fuel, Claremont | 86.6 | 29.95 | 1.26 | 0.77 | 1.08 | 3.32 | 0.82 | 0.53 | 1.40 | 1.13 | 0.25 | 1.44 | 2.15 | 1.98 | 0.50 | 4.97 | 1.20 | 2.27 | 1.41 |
| Central Minnesota Ethanol Coop, Little Falls | 87.6 | 34.83 | 1.47 | 0.90 | 1.24 | 3.90 | 1.06 | 0.61 | 1.64 | 1.29 | 0.28 | 1.67 | 2.53 | 2.27 | 0.59 | 5.81 | 1.36 | 2.67 | 1.63 |
| Chippewa Valley Ethanol Co LLLP, Benson | 90.8 | 35.76 | 1.65 | 0.93 | 1.27 | 4.13 | 0.96 | 0.67 | 1.69 | 1.32 | 0.30 | 1.69 | 2.60 | 2.30 | 0.63 | 6.12 | 1.37 | 2.58 | 1.68 |
| Corn Plus Coop, Winnebago | 88.5 | 32.70 | 1.31 | 0.77 | 1.23 | 4.19 | 0.92 | 0.64 | 1.73 | 1.25 | 0.25 | 1.58 | 2.45 | 2.11 | 0.61 | 5.75 | 1.14 | 2.84 | 1.65 |
| Heartland Corn Products, Winthrop | 86.4 | 30.65 | 1.30 | 0.80 | 1.09 | 3.43 | 0.93 | 0.53 | 1.44 | 1.14 | 0.25 | 1.47 | 2.23 | 2.00 | 0.52 | 5.11 | 1.19 | 2.35 | 1.43 |
| Minnesota Energy, Buffalo Lake | 88.7 | 29.5 | 1.28 | 0.72 | 1.07 | 3.33 | 0.84 | 0.52 | 1.43 | 1.13 | 0.24 | 1.42 | 2.14 | 2.00 | 0.49 | 4.95 | 1.15 | 2.31 | 1.42 |
| Morris Ag Energy/ DENCO, Morris | 89.3 | 29.83 | 1.27 | 0.77 | 1.08 | 3.20 | 0.91 | 0.52 | 1.36 | 1.07 | 0.24 | 1.42 | 2.07 | 1.90 | 0.50 | 4.84 | 1.16 | 2.22 | 1.28 |
| - ILLINOIS - | | | | | | | | | | | | | | | | | | | |
| Adkins Energy LLC, Lena | 91.2 | 34.27 | 1.55 | 0.93 | 1.25 | 3.93 | 1.08 | 0.66 | 1.65 | 1.29 | 0.30 | 1.70 | 2.51 | 2.29 | 0.62 | 5.89 | 1.38 | 3.00 | 1.63 |
| Lincolnland Agri-Energy LLC, Palestine | 90.1 | 33.90 | 1.45 | 0.88 | 1.23 | 3.64 | 1.03 | 0.59 | 1.55 | 1.21 | 0.27 | 1.61 | 2.35 | 2.16 | 0.57 | 5.50 | 1.32 | 2.52 | 1.46 |
| - IOWA - | | | | | | | | | | | | | | | | | | | |
| Golden Grain Energy LLC, New Hampton | 89.4 | 29.82 | 1.32 | 0.80 | 1.09 | 3.36 | 0.94 | 0.56 | 1.41 | 1.10 | 0.24 | 1.44 | 2.14 | 1.93 | 0.53 | 5.01 | 1.17 | 2.39 | 1.39 |
| Little Sioux Corn Processors, Marcus | 87.7 | 32.20 | 1.41 | 0.86 | 1.14 | 3.83 | 0.91 | 0.60 | 1.57 | 1.18 | 0.25 | 1.55 | 2.35 | 2.08 | 0.52 | 5.59 | 1.24 | 2.69 | 1.55 |
| - SOUTH DAKOTA - | | | | | | | | | | | | | | | | | | | |
| Glacial Lakes Energy LLC, Watertown | 89.1 | 31.47 | 1.45 | 0.82 | 1.11 | 3.64 | 0.84 | 0.59 | 1.49 | 1.16 | 0.26 | 1.49 | 2.28 | 2.02 | 0.56 | 5.39 | 1.20 | 2.27 | 1.48 |
| VeraSun Energy Corp, Aurora | 88.9 | 35.02 | 1.60 | 0.93 | 1.38 | 3.94 | 1.11 | 0.64 | 1.70 | 1.26 | 0.31 | 1.74 | 2.42 | 2.42 | 0.60 | 6.03 | 1.36 | 2.67 | 1.57 |
| - WISCONSIN - | | | | | | | | | | | | | | | | | | | |
| United Wisconsin Grain Products, Friesland | 88.0 | 30.16 | 1.36 | 0.82 | 1.10 | 3.45 | 0.95 | 0.58 | 1.45 | 1.14 | 0.26 | 1.50 | 2.20 | 2.01 | 0.55 | 5.18 | 1.22 | 2.64 | 1.43 |

Comparison Table: Apparent and Standardized True Ileal Digestibility of Crude Protein and Amino Acids of DDGS for Swine.

| | DM | CP | Agr | His | Ile | Leu | Lys | Met | Phe | Thr | Trp | Val | Ala | Asp | Cys | Glu | Gly | Pro | Ser |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|
| Apparent Ileal Digestibility (AID), % | | | | | | | | | | | | | | | | | | | |
| - MINNESOTA - | | | | | | | | | | | | | | | | | | | |
| Al-Corn Clean Fuel, Claremont | 61.72 | 70.99 | 73.26 | 70.68 | 83.19 | 52.93 | 78.68 | 77.76 | 62.94 | 59.22 | 70.58 | 73.35 | 62.26 | 64.61 | 79.49 | 34.64 | 11.56 | 71.23 | |
| Central Minnesota Ethanol Coop, Little Falls | 71.18 | 81.28 | 76.76 | 76.32 | 81.99 | 67.43 | 83.68 | 80.06 | 65.28 | 56.39 | 74.09 | 78.59 | 65.45 | 66.14 | 80.33 | 54.59 | 55.41 | 72.14 | |
| Chippewa Valley Ethanol Co LLLP, Benson | 70.13 | 82.53 | 77.12 | 76.77 | 80.99 | 61.76 | 84.31 | 80.51 | 66.56 | 64.27 | 74.74 | 78.03 | 67.11 | 66.90 | 79.76 | 56.46 | 60.02 | 72.27 | |
| Corn Plus Coop, Winnebago | 67.01 | 75.41 | 81.42 | 80.36 | 84.53 | 73.51 | 87.46 | 83.55 | 71.46 | 62.97 | 77.49 | 78.33 | 68.70 | 77.33 | 84.70 | 40.89 | 13.60 | 76.34 | |
| Heartland Corn Products, Winthrop | 57.64 | 67.10 | 73.22 | 68.43 | 81.15 | 51.91 | 77.19 | 74.33 | 56.70 | 48.21 | 67.87 | 70.10 | 57.63 | 68.57 | 77.81 | 25.49 | -3.45 | 66.35 | |
| Minnesota Energy, Buffalo Lake | 60.58 | 70.85 | 75.05 | 71.04 | 78.95 | 58.88 | 78.95 | 74.98 | 62.92 | 59.32 | 70.43 | 71.74 | 61.01 | 70.15 | 76.52 | 36.61 | 0.22 | 68.95 | |
| Morris Ag Energy/ DENCO, Morris | 63.91 | 72.96 | 76.71 | 74.46 | 83.99 | 61.70 | 82.20 | 79.03 | 64.60 | 58.73 | 72.95 | 75.54 | 65.73 | 68.69 | 81.48 | 35.78 | 9.20 | 71.96 | |
| - ILLINOIS - | | | | | | | | | | | | | | | | | | | |
| Adkins Energy LLC, Lena | 68.05 | 78.52 | 76.19 | 74.63 | 84.67 | 61.21 | 82.37 | 79.32 | 64.16 | 57.28 | 73.46 | 78.38 | 66.14 | 67.42 | 82.66 | 48.40 | 49.77 | 71.50 | |
| Lincolnland Agri-Energy LLC, Palestine | 71.82 | 81.03 | 78.22 | 76.35 | 84.25 | 64.68 | 82.84 | 80.03 | 66.03 | 62.83 | 75.21 | 79.20 | 68.51 | 72.20 | 82.79 | 56.66 | 58.30 | 72.99 | |
| - IOWA - | | | | | | | | | | | | | | | | | | | |
| Golden Grain Energy LLC, New Hampton | 59.24 | 69.06 | 72.35 | 67.68 | 81.33 | 52.11 | 77.39 | 74.84 | 56.78 | 48.66 | 67.19 | 71.31 | 56.24 | 67.14 | 78.97 | 25.66 | 7.24 | 66.25 | |
| Little Sioux Corn Processors, Marcus | 70.94 | 78.16 | 80.61 | 77.72 | 87.12 | 64.65 | 83.68 | 82.38 | 69.06 | 63.01 | 77.06 | 79.03 | 68.85 | 74.58 | 84.31 | 44.66 | 33.83 | 76.76 | |
| - SOUTH DAKOTA - | | | | | | | | | | | | | | | | | | | |
| Glacial Lakes Energy LLC, Watertown | 68.49 | 76.38 | 80.54 | 77.96 | 87.79 | 60.17 | 85.51 | 82.48 | 68.85 | 64.52 | 77.79 | 79.06 | 69.92 | 76.70 | 84.99 | 42.55 | 24.76 | 76.74 | |
| VeraSun Energy Corp, Aurora | 62.71 | 74.11 | 73.93 | 70.29 | 83.67 | 56.76 | 80.92 | 77.96 | 62.79 | 56.27 | 70.45 | 75.16 | 62.53 | 65.94 | 81.08 | 38.45 | 30.11 | 71.51 | |
| - WISCONSIN - | | | | | | | | | | | | | | | | | | | |
| United Wisconsin Grain Products, Friesland | 66.66 | 76.12 | 79.30 | 74.82 | 86.00 | 61.26 | 83.72 | 80.25 | 65.99 | 58.07 | 74.30 | 77.42 | 65.71 | 75.01 | 83.30 | 41.79 | 30.64 | 74.59 | |

Comparison Table: Apparent and Standardized True Ileal Digestibility of Crude Protein and Amino Acids of DDGS for Swine.

| | DM | CP | Arg | His | Ile | Leu | Lys | Met | Phe | Thr | Trp | Val | Ala | Asp | Cys | Glu | Gly | Pro | Ser |
|--|----|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|
| Apparent Ileal Digestible CP & Amino Acids (A DIG), % | | | | | | | | | | | | | | | | | | | |
| - MINNESOTA - | | | | | | | | | | | | | | | | | | | |
| Al-Corn Clean Fuel, Claremont | | 18.49 | 0.90 | 0.57 | 0.76 | 2.76 | 0.43 | 0.42 | 1.09 | 0.71 | 0.15 | 1.02 | 1.58 | 1.23 | 0.32 | 3.95 | 0.42 | 0.26 | 1.00 |
| Central Minnesota Ethanol Coop, Little Falls | | 24.79 | 1.20 | 0.69 | 0.95 | 3.20 | 0.71 | 0.51 | 1.31 | 0.84 | 0.16 | 1.23 | 1.99 | 1.49 | 0.39 | 4.67 | 0.74 | 1.48 | 1.17 |
| Chippewa Valley Ethanol Co LLLP, Benson | | 25.08 | 1.36 | 0.72 | 0.97 | 3.35 | 0.59 | 0.57 | 1.36 | 0.88 | 0.19 | 1.26 | 2.03 | 1.54 | 0.42 | 4.88 | 0.77 | 1.55 | 1.21 |
| Corn Plus Coop, Winnebago | | 26.52 | 0.24 | 1.54 | 1.34 | 1.19 | 0.88 | 0.60 | 0.86 | 1.05 | 0.15 | 3.43 | 2.38 | 1.98 | 0.52 | 2.19 | 0.76 | 0.25 | 1.18 |
| Heartland Corn Products, Winthrop | | 17.66 | 0.87 | 0.58 | 0.75 | 2.79 | 0.48 | 0.41 | 1.07 | 0.64 | 0.12 | 0.99 | 1.56 | 1.15 | 0.36 | 3.98 | 0.30 | -0.08 | 0.95 |
| Minnesota Energy, Buffalo Lake | | 21.66 | 0.21 | 1.27 | 1.17 | 1.00 | 0.56 | 0.53 | 0.70 | 0.83 | 0.15 | 2.91 | 1.85 | 1.58 | 0.44 | 1.76 | 0.62 | 0.00 | 0.94 |
| Morris Ag Energy/ DENCO, Morris | | 19.06 | 0.93 | 0.59 | 0.80 | 2.69 | 0.56 | 0.43 | 1.08 | 0.69 | 0.14 | 1.04 | 1.56 | 1.25 | 0.34 | 3.94 | 0.41 | 0.20 | 0.92 |
| - ILLINOIS - | | | | | | | | | | | | | | | | | | | |
| Adkins Energy LLC, Lena | | 23.32 | 1.22 | 0.71 | 0.93 | 3.32 | 0.66 | 0.54 | 1.31 | 0.83 | 0.17 | 1.25 | 1.96 | 1.51 | 0.42 | 4.87 | 0.67 | 1.49 | 1.16 |
| Lincolnland Agri-Energy LLC, Palestine | | 24.35 | 1.17 | 0.69 | 0.94 | 3.07 | 0.67 | 0.49 | 1.24 | 0.80 | 0.17 | 1.21 | 1.86 | 1.48 | 0.41 | 4.55 | 0.75 | 1.47 | 1.06 |
| - IOWA - | | | | | | | | | | | | | | | | | | | |
| Golden Grain Energy LLC, New Hampton | | 17.66 | 0.91 | 0.58 | 0.74 | 2.74 | 0.49 | 0.43 | 1.05 | 0.63 | 0.12 | 0.97 | 1.52 | 1.09 | 0.36 | 3.96 | 0.30 | 0.17 | 0.92 |
| Little Sioux Corn Processors, Marcus | | 22.84 | 1.10 | 0.70 | 0.88 | 3.34 | 0.59 | 0.50 | 1.29 | 0.82 | 0.16 | 1.19 | 1.86 | 1.43 | 0.39 | 4.71 | 0.55 | 0.91 | 1.19 |
| - SOUTH DAKOTA - | | | | | | | | | | | | | | | | | | | |
| Glacial Lakes Energy LLC, Watertown | | 21.55 | 1.11 | 0.66 | 0.87 | 3.19 | 0.51 | 0.51 | 1.23 | 0.80 | 0.17 | 1.16 | 1.81 | 1.41 | 0.43 | 4.58 | 0.51 | 0.56 | 1.13 |
| VeraSun Energy Corp, Aurora | | 21.96 | 1.19 | 0.69 | 0.97 | 3.30 | 0.63 | 0.51 | 1.33 | 0.79 | 0.17 | 1.22 | 1.82 | 1.51 | 0.40 | 4.89 | 0.52 | 0.80 | 1.12 |
| - WISCONSIN - | | | | | | | | | | | | | | | | | | | |
| United Wisconsin Grain Products, Friesland | | 20.10 | 1.04 | 0.65 | 0.82 | 2.97 | 0.58 | 0.49 | 1.17 | 0.75 | 0.15 | 1.11 | 1.71 | 1.32 | 0.41 | 4.32 | 0.51 | 0.81 | 1.07 |

Comparison Table: Apparent and Standardized True Ileal Digestibility of Crude Protein and Amino Acids of DDGS for Swine.

| | DM | CP | Arg | His | Ile | Leu | Lys | Met | Phe | Thr | Trp | Val | Ala | Asp | Cys | Glu | Gly | Pro | Ser |
|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-----|
| Standardized True Ileal Digestibility (SID), % | | | | | | | | | | | | | | | | | | | |
| - MINNESOTA - | | | | | | | | | | | | | | | | | | | |
| Al-Corn Clean Fuel, Claremont | 71.16 | 80.11 | 76.58 | 74.16 | 85.04 | 57.23 | 80.55 | 81.74 | 69.93 | 67.12 | 74.45 | 77.58 | 67.74 | 68.94 | 82.04 | 61.50 | 64.15 | 77.36 | |
| Central Minnesota Ethanol Coop, Little Falls | 80.77 | 90.69 | 79.07 | 78.72 | 82.77 | 70.30 | 84.72 | 83.29 | 71.55 | 64.47 | 77.14 | 81.97 | 69.91 | 69.26 | 82.00 | 84.58 | 119.84 | 77.82 | |
| Chippewa Valley Ethanol Co LLLP, Benson | 79.06 | 90.61 | 79.16 | 78.87 | 81.74 | 63.96 | 85.37 | 83.64 | 72.69 | 70.88 | 77.44 | 81.35 | 71.08 | 69.51 | 81.34 | 83.17 | 120.55 | 77.92 | |
| Corn Plus Coop, Winnebago | 76.40 | 82.80 | 84.40 | 83.34 | 85.97 | 77.88 | 89.20 | 86.96 | 77.47 | 71.83 | 80.74 | 81.78 | 74.32 | 81.24 | 87.03 | 66.06 | 55.29 | 81.80 | |
| Heartland Corn Products, Winthrop | 66.99 | 75.72 | 76.35 | 71.56 | 82.90 | 55.75 | 78.89 | 78.13 | 63.61 | 56.20 | 71.51 | 74.16 | 63.03 | 72.65 | 80.26 | 52.70 | 46.94 | 72.58 | |
| Minnesota Energy, Buffalo Lake | 70.74 | 78.35 | 78.33 | 74.55 | 80.77 | 63.58 | 81.05 | 79.08 | 69.48 | 68.20 | 74.13 | 75.67 | 66.93 | 74.88 | 79.25 | 61.39 | 51.87 | 75.00 | |
| Morris Ag Energy/ DENCO, Morris | 73.58 | 81.94 | 79.98 | 77.91 | 85.84 | 65.76 | 83.96 | 83.08 | 71.62 | 66.72 | 76.87 | 79.84 | 71.43 | 73.23 | 84.03 | 63.90 | 61.94 | 78.26 | |
| - ILLINOIS - | | | | | | | | | | | | | | | | | | | |
| Adkins Energy LLC, Lena | 79.42 | 87.75 | 79.10 | 77.79 | 86.35 | 64.09 | 83.90 | 83.39 | 72.03 | 65.76 | 77.39 | 82.91 | 71.62 | 71.16 | 85.23 | 79.76 | 118.22 | 78.61 | |
| Lincolnland Agri-Energy LLC, Palestine | 82.01 | 88.78 | 80.33 | 78.90 | 85.47 | 67.15 | 83.73 | 83.47 | 73.20 | 70.47 | 78.44 | 82.98 | 73.33 | 75.20 | 84.76 | 84.20 | 118.31 | 79.40 | |
| - IOWA - | | | | | | | | | | | | | | | | | | | |
| Golden Grain Energy LLC, New Hampton | 68.59 | 77.45 | 75.48 | 71.07 | 83.11 | 55.88 | 79.04 | 78.69 | 63.59 | 56.65 | 70.92 | 75.47 | 61.74 | 71.09 | 81.44 | 52.90 | 55.15 | 72.25 | |
| Little Sioux Corn Processors, Marcus | 79.97 | 86.23 | 83.61 | 80.90 | 88.77 | 68.71 | 85.32 | 86.01 | 75.86 | 71.00 | 80.66 | 82.99 | 74.30 | 78.53 | 86.68 | 67.28 | 80.74 | 82.62 | |
| - SOUTH DAKOTA - | | | | | | | | | | | | | | | | | | | |
| Glacial Lakes Energy LLC, Watertown | 77.47 | 84.66 | 83.54 | 80.99 | 89.42 | 64.32 | 87.05 | 86.07 | 75.45 | 71.98 | 81.27 | 82.91 | 75.23 | 80.41 | 87.28 | 68.70 | 71.03 | 82.53 | |
| VeraSun Energy Corp, Aurora | 71.22 | 81.61 | 76.82 | 73.28 | 85.25 | 60.34 | 82.42 | 81.39 | 68.93 | 63.26 | 73.85 | 78.89 | 67.31 | 69.66 | 83.24 | 63.20 | 73.70 | 76.93 | |
| - WISCONSIN - | | | | | | | | | | | | | | | | | | | |
| United Wisconsin Grain Products, Friesland | 76.13 | 84.40 | 82.36 | 78.10 | 87.73 | 65.17 | 85.31 | 84.01 | 72.69 | 66.06 | 77.99 | 81.45 | 71.11 | 78.84 | 85.69 | 68.30 | 79.24 | 80.52 | |

Comparison Table: Apparent and Standardized True Ileal Digestibility of Crude Protein and Amino Acids of DDGS for Swine.

| | DM | CP | Arg | His | Ile | Leu | Lys | Met | Phe | Thr | Trp | Val | Ala | Asp | Cys | Glu | Gly | Pro | Ser |
|---|----|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Standardized True Ileal Digestible CP & Amino Acids (S DIG), % | | | | | | | | | | | | | | | | | | | |
| - MINNESOTA - | | | | | | | | | | | | | | | | | | | |
| Al-Corn Clean Fuel, Claremont | | 21.32 | 1.01 | 0.59 | 0.80 | 2.82 | 0.47 | 0.43 | 1.14 | 0.79 | 0.17 | 1.07 | 1.67 | 1.34 | 0.34 | 4.07 | 0.74 | 1.46 | 1.09 |
| Central Minnesota Ethanol Coop, Little Falls | | 28.13 | 1.34 | 0.71 | 0.98 | 3.23 | 0.74 | 0.51 | 1.37 | 0.92 | 0.18 | 1.28 | 2.07 | 1.59 | 0.41 | 4.76 | 1.15 | 3.20 | 1.27 |
| Chippewa Valley Ethanol Co LLLP, Benson | | 28.27 | 1.50 | 0.74 | 1.00 | 3.38 | 0.61 | 0.57 | 1.41 | 0.96 | 0.21 | 1.31 | 2.11 | 1.63 | 0.44 | 4.98 | 1.14 | 3.11 | 1.31 |
| Corn Plus Coop, Winnebago | | 30.24 | 0.27 | 1.60 | 1.39 | 1.21 | 0.94 | 0.62 | 0.89 | 1.14 | 0.17 | 3.58 | 2.48 | 2.14 | 0.55 | 2.25 | 1.23 | 1.02 | 1.26 |
| Heartland Corn Products, Winthrop | | 20.53 | 0.98 | 0.61 | 0.78 | 2.84 | 0.52 | 0.42 | 1.13 | 0.72 | 0.14 | 1.05 | 1.65 | 1.26 | 0.38 | 4.10 | 0.63 | 1.10 | 1.04 |
| Minnesota Energy, Buffalo Lake | | 25.29 | 0.23 | 1.32 | 1.23 | 1.02 | 0.61 | 0.54 | 0.74 | 0.92 | 0.17 | 3.06 | 1.95 | 1.74 | 0.47 | 1.82 | 1.04 | 0.87 | 1.03 |
| Morris Ag Energy/ DENCO, Morris | | 21.95 | 1.04 | 0.62 | 0.84 | 2.75 | 0.60 | 0.44 | 1.13 | 0.77 | 0.16 | 1.09 | 1.65 | 1.36 | 0.37 | 4.07 | 0.74 | 1.37 | 1.00 |
| - ILLINOIS - | | | | | | | | | | | | | | | | | | | |
| Adkins Energy LLC, Lena | | 27.22 | 1.36 | 0.74 | 0.97 | 3.39 | 0.70 | 0.55 | 1.38 | 0.93 | 0.20 | 1.32 | 2.08 | 1.64 | 0.44 | 5.02 | 1.10 | 3.54 | 1.28 |
| Lincolnland Agri-Energy LLC, Palestine | | 27.80 | 1.28 | 0.71 | 0.97 | 3.11 | 0.69 | 0.50 | 1.29 | 0.89 | 0.19 | 1.27 | 1.95 | 1.58 | 0.43 | 4.66 | 1.11 | 2.98 | 1.16 |
| - IOWA - | | | | | | | | | | | | | | | | | | | |
| Golden Grain Energy LLC, New Hampton | | 20.45 | 1.02 | 0.60 | 0.78 | 2.80 | 0.53 | 0.44 | 1.11 | 0.70 | 0.14 | 1.02 | 1.61 | 1.19 | 0.38 | 4.08 | 0.62 | 1.32 | 1.00 |
| Little Sioux Corn Processors, Marcus | | 25.75 | 1.22 | 0.72 | 0.92 | 3.40 | 0.62 | 0.51 | 1.35 | 0.90 | 0.18 | 1.25 | 1.95 | 1.55 | 0.41 | 4.85 | 0.83 | 2.17 | 1.28 |
| - SOUTH DAKOTA - | | | | | | | | | | | | | | | | | | | |
| Glacial Lakes Energy LLC, Watertown | | 24.38 | 1.23 | 0.68 | 0.90 | 3.25 | 0.54 | 0.51 | 1.28 | 0.87 | 0.19 | 1.21 | 1.89 | 1.52 | 0.45 | 4.70 | 0.83 | 1.61 | 1.22 |
| VeraSun Energy Corp, Aurora | | 24.94 | 1.31 | 0.72 | 1.01 | 3.36 | 0.67 | 0.52 | 1.39 | 0.87 | 0.19 | 1.28 | 1.91 | 1.63 | 0.42 | 5.02 | 0.86 | 1.97 | 1.21 |
| - WISCONSIN - | | | | | | | | | | | | | | | | | | | |
| United Wisconsin Grain Products, Friesland | | 22.96 | 1.15 | 0.67 | 0.86 | 3.03 | 0.62 | 0.49 | 1.22 | 0.83 | 0.17 | 1.17 | 1.80 | 1.43 | 0.43 | 4.44 | 0.83 | 2.09 | 1.15 |

Comparison Table: Other Nutritional and Physical Characteristics of DDGS for Swine.

| | NDF, % | ADF, % | ADICP*, % | Mean particle size, µm | Soluble CP, % | Ash, % | Bulk density, lbs/ft3 | pH |
|---|-----------|-----------|--------------|------------------------------|------------------|-----------|-----------------------------|------|
| - MINNESOTA - | | | | | | | | |
| AI-Corn Clean Fuel, Claremont | 25.52 | 9.99 | 3.54 | 714.87 | 25.93 | 5.50 | 31.04 | 5.00 |
| Central Minnesota Ethanol Coop, Little Falls | 25.78 | 9.64 | 3.39 | 688.79 | 25.21 | 4.22 | 25.77 | 3.70 |
| Chippewa Valley Ethanol Co LLLP, Benson | 25.67 | 10.11 | 3.29 | 223.46 | 26.93 | 3.70 | 26.40 | 3.60 |
| Corn Plus Coop, Winnebago | 32.94 | 13.43 | 5.59 | 680.36 | 30.60 | 1.75 | 24.05 | 3.60 |
| Heartland Corn Products, Winthrop | 22.66 | 8.53 | 2.01 | 968.97 | 26.01 | 3.99 | 31.91 | 4.00 |
| Minnesota Energy, Buffalo Lake | 26.38 | 8.92 | 3.12 | 698.87 | 27.53 | 5.07 | 28.25 | 4.10 |
| Morris Ag Energy/ DENCO, Morris | 22.97 | 8.37 | 1.79 | 1115.37 | 24.04 | 4.06 | 27.80 | 3.70 |
| - ILLINOIS - | | | | | | | | |
| Adkins Energy LLC, Lena | 25.76 | 9.39 | 2.67 | 674.54 | 23.67 | 4.24 | 29.28 | 4.30 |
| Lincolnland Agri-Energy LLC, Palestine | 26.90 | 10.28 | 3.62 | 228.99 | 25.57 | 5.00 | 27.73 | 4.00 |
| - IOWA - | | | | | | | | |
| Golden Grain Energy LLC, New Hampton | 25.63 | 14.52 | 6.29 | 873.84 | 28.80 | 4.24 | 28.00 | 4.30 |
| Little Sioux Corn Processors, Marcus | 24.95 | 8.88 | 2.42 | 703.33 | 25.86 | 3.90 | 29.22 | 4.00 |
| - SOUTH DAKOTA - | | | | | | | | |
| Glacial Lakes Energy LLC, Watertown | 27.53 | 9.39 | 2.46 | 625.56 | 28.20 | 3.35 | 25.69 | 4.50 |
| VeraSun Energy Corp, Aurora | 26.00 | 9.06 | 2.73 | 502.97 | 29.58 | 4.37 | 25.86 | 4.50 |
| - WISCONSIN - | | | | | | | | |
| United Wisconsin Grain Products, Friesland | 27.62 | 9.40 | 2.36 | 616.40 | 28.33 | 4.13 | 26.83 | 4.70 |

*ADICP = Acid Detergent Insoluble Crude Protein