

2024 Minn-Dak Official Variety Trial
Commercial & Semi-Commercial Entries
Rothsay, MN

| Entry Code | Commercial Entries | Emerge % | Bolter # | Tare % | Sugar % | Purity % | Yield TPA | RST | | RSA | |
|---------------------------|--------------------|------------------|------------|--------------|--------------|--------------|-------------|--------------|--------|---------------|--------|
| | | | | | | | | lbs | % Mean | lbs | % Mean |
| 2 | * ACH 166 | Thinned Location | 0 | 1.50 | 17.72 | 92.69 | 37.6 | 313.8 | 104.2 | 11,789 | 101.6 |
| 8 | ACH 290 | | 0 | 1.30 | 16.81 | 92.27 | 42.6 | 295.4 | 98.1 | 12,603 | 108.6 |
| 3 | ACH 370 | | 0 | 1.80 | 18.08 | 92.38 | 36.8 | 319.2 | 106.0 | 11,720 | 101.0 |
| 1 | * ACH 973 | | 0 | 1.70 | 16.84 | 92.27 | 37.4 | 296.0 | 98.3 | 11,084 | 95.5 |
| 7 | * Beta 7068 | | 0 | 1.40 | 16.45 | 91.19 | 41.3 | 284.5 | 94.5 | 11,749 | 101.3 |
| 4 | Beta 7170 | | 0 | 1.40 | 17.01 | 92.16 | 40.2 | 298.8 | 99.2 | 12,012 | 103.5 |
| 5 | Beta 7231 | | 0 | 1.50 | 17.30 | 92.37 | 37.9 | 304.8 | 101.2 | 11,574 | 99.8 |
| 10 | Beta 7344 | | 0 | 1.70 | 17.21 | 92.36 | 38.5 | 303.2 | 100.7 | 11,661 | 100.5 |
| 9 | Beta 7397 | | 0 | 1.90 | 16.80 | 92.16 | 36.5 | 294.9 | 97.9 | 10,744 | 92.6 |
| 6 | * Hilleleshög 2325 | | 0 | 1.20 | 17.14 | 92.08 | 36.9 | 300.7 | 99.9 | 11,094 | 95.6 |
| Experiment Mean | | | 0.0 | 1.54 | 17.14 | 92.19 | 38.6 | 301.1 | | 11,603 | |
| Coeff. of Var. (%) | | | | 15.37 | 2.52 | 0.69 | 6.45 | 2.92 | | 6.44 | |
| LSD (0.10) | | | | 0.23 | 0.42 | 0.61 | 2.4 | 8.5 | | 725 | |
| LSD (0.05) | | | | 0.28 | 0.50 | 0.74 | 2.9 | 10.2 | | 869 | |

2024 Minn-Dak Official Variety Trial
Experimental Entries (1st Year)
Rothsay, MN

| Entry Code | Experimental Entries | Emerge % | Bolter # | Tare % | Sugar % | Purity % | Yield TPA | RST | | RSA | |
|---------------------------|----------------------|------------------|------------|--------------|--------------|--------------|-------------|--------------|--------|---------------|--------|
| | | | | | | | | lbs | % Mean | lbs | % Mean |
| 20 | ACH 417 | Thinned Location | 0 | 1.70 | 17.67 | 91.69 | 38.9 | 308.6 | 102.4 | 12,014 | 109.4 |
| 11 | ACH 430 | | 0 | 1.50 | 17.01 | 92.60 | 37.0 | 300.4 | 99.7 | 11,099 | 101.0 |
| 15 | ACH 454 | | 0 | 1.60 | 17.60 | 92.41 | 33.8 | 310.5 | 103.1 | 10,487 | 95.5 |
| 12 | ACH 472 | | 0 | 2.10 | 17.62 | 91.12 | 36.4 | 305.3 | 101.3 | 11,094 | 101.0 |
| 16 | ACH 489 | | 0 | 1.60 | 17.09 | 92.49 | 37.5 | 301.4 | 100.0 | 11,296 | 102.8 |
| 13 | Beta 7401 | | 0 | 2.10 | 16.75 | 91.92 | 35.6 | 292.9 | 97.2 | 10,428 | 94.9 |
| 18 | Beta 7416 | | 0 | 2.10 | 17.48 | 91.71 | 38.0 | 305.3 | 101.3 | 11,600 | 105.6 |
| 17 | Beta 7439 | | 0 | 1.90 | 17.18 | 91.96 | 35.9 | 300.9 | 99.9 | 10,798 | 98.3 |
| 19 | Beta 7456 | | 0 | 2.20 | 17.37 | 90.74 | 38.1 | 299.1 | 99.3 | 11,410 | 103.9 |
| 14 | Hilleleshög 2517 | | 0 | 1.40 | 16.49 | 92.03 | 33.4 | 288.7 | 95.8 | 9,623 | 87.6 |
| Experiment Mean | | | 0.0 | 1.82 | 17.23 | 91.87 | 36.5 | 301.3 | | 10,985 | |
| Coeff. of Var. (%) | | | | 22.08 | 1.84 | 0.63 | 7.70 | 2.35 | | 7.45 | |
| LSD (0.10) | | | | 0.39 | 0.31 | 0.56 | 2.7 | 6.9 | | 793 | |
| LSD (0.05) | | | | 0.46 | 0.37 | 0.67 | 3.3 | 8.2 | | 951 | |

% Mean is percent of Experiment Mean

* Established Variety