

2024 Minn-Dak Official Variety Trial
Commercial & Semi-Commercial Entries
Kindred, ND

| Entry Code | Commercial Entries | Emerge % | Bolter # | Tare % | Sugar % | Purity % | Yield TPA | RST | | RSA | |
|---------------------------|--------------------|-------------|------------|--------------|--------------|--------------|-------------|--------------|--------|---------------|--------|
| | | | | | | | | lbs | % Mean | lbs | % Mean |
| 2 | * ACH 166 | 99.5 | 0 | 1.40 | 15.56 | 89.04 | 41.2 | 260.1 | 101.5 | 10,715 | 101.8 |
| 8 | ACH 290 | 96.5 | 0 | 1.50 | 15.21 | 88.47 | 44.4 | 251.8 | 98.2 | 11,166 | 106.1 |
| 3 | ACH 370 | 98.0 | 0 | 1.60 | 16.02 | 89.28 | 38.9 | 269.3 | 105.0 | 10,476 | 99.6 |
| 1 | * ACH 973 | 91.0 | 0 | 1.60 | 14.71 | 88.52 | 42.0 | 243.3 | 94.9 | 10,216 | 97.1 |
| 7 | * Beta 7068 | 99.0 | 0 | 1.40 | 15.01 | 89.00 | 43.5 | 250.3 | 97.6 | 10,865 | 103.3 |
| 4 | Beta 7170 | 100.0 | 0 | 1.30 | 14.76 | 88.56 | 43.5 | 244.3 | 95.3 | 10,614 | 100.9 |
| 5 | Beta 7231 | 92.0 | 0 | 1.40 | 15.84 | 89.46 | 39.7 | 266.7 | 104.0 | 10,596 | 100.7 |
| 10 | Beta 7344 | 98.5 | 0 | 1.50 | 15.68 | 89.05 | 40.3 | 262.3 | 102.3 | 10,570 | 100.4 |
| 9 | Beta 7397 | 93.0 | 0 | 1.70 | 15.36 | 88.88 | 39.9 | 256.1 | 99.9 | 10,191 | 96.8 |
| 6 | * Hilleshög 2325 | 82.1 | 0 | 1.20 | 15.36 | 89.77 | 37.9 | 259.5 | 101.2 | 9,821 | 93.3 |
| Experiment Mean | | 95.0 | 0.0 | 1.46 | 15.35 | 89.00 | 41.1 | 256.4 | | 10,523 | |
| Coeff. of Var. (%) | | 3.27 | | 19.06 | 2.76 | 1.02 | 3.10 | 3.85 | | 5.02 | |
| LSD (0.10) | | 4.4 | | 0.27 | 0.41 | NS | 1.2 | 9.6 | | 512 | |
| LSD (0.05) | | 5.3 | | 0.32 | 0.49 | NS | 1.5 | 11.5 | | 614 | |

2024 Minn-Dak Official Variety Trial
Experimental Entries (1st Year)
Kindred, ND

| Entry Code | Experimental Entries | Emerge % | Bolter # | Tare % | Sugar % | Purity % | Yield TPA | RST | | RSA | |
|---------------------------|----------------------|-------------|------------|--------------|--------------|--------------|-------------|--------------|--------|---------------|--------|
| | | | | | | | | lbs | % Mean | lbs | % Mean |
| 20 | ACH 417 | 96.0 | 0 | 1.80 | 16.08 | 89.44 | 40.4 | 270.8 | 103.8 | 10,934 | 106.6 |
| 11 | ACH 430 | 91.5 | 0 | 1.40 | 15.17 | 88.48 | 41.1 | 251.2 | 96.3 | 10,312 | 100.5 |
| 15 | ACH 454 | 91.0 | 0 | 2.30 | 15.67 | 89.03 | 39.9 | 262.0 | 100.4 | 10,447 | 101.8 |
| 12 | ACH 472 | 90.5 | 0 | 1.30 | 16.02 | 88.52 | 41.2 | 266.1 | 102.0 | 10,966 | 106.9 |
| 16 | ACH 489 | 93.5 | 0 | 1.30 | 15.35 | 88.89 | 41.6 | 255.8 | 98.1 | 10,643 | 103.8 |
| 13 | Beta 7401 | 91.5 | 0 | 1.60 | 15.94 | 89.34 | 39.1 | 267.9 | 102.7 | 10,473 | 102.1 |
| 18 | Beta 7416 | 89.1 | 0 | 1.60 | 15.83 | 89.34 | 40.0 | 266.0 | 102.0 | 10,652 | 103.8 |
| 17 | Beta 7439 | 96.0 | 0 | 1.40 | 15.50 | 89.20 | 39.6 | 259.7 | 99.6 | 10,290 | 100.3 |
| 19 | Beta 7456 | 97.0 | 0 | 1.60 | 15.61 | 88.19 | 40.4 | 257.5 | 98.7 | 10,416 | 101.5 |
| 14 | Hilleshög 2517 | 97.5 | 0 | 1.10 | 14.95 | 89.58 | 29.6 | 251.5 | 96.4 | 7,448 | 72.6 |
| Experiment Mean | | 93.4 | 0.0 | 1.54 | 15.61 | 89.00 | 39.3 | 260.9 | | 10,258 | |
| Coeff. of Var. (%) | | 3.42 | | 38.12 | 2.11 | 1.07 | 3.52 | 3.07 | | 4.49 | |
| LSD (0.10) | | 4.5 | | 0.57 | 0.32 | NS | 1.3 | 7.8 | | 447 | |
| LSD (0.05) | | 5.5 | | NS | 0.38 | NS | 1.6 | 9.3 | | 535 | |

% Mean is percent of Experiment Mean

* Established Variety