# 2019 Wheat - Modern Variety Yield Trial
# Velva, North Dakota

AGRO-TECH
RESEARCH FARM

# Modern Wheat Varieties

| Variety | Origin | Bu/Acre |
|---|---|---|
| Lang-MN | University of Minnesota | 65.7 |
| Shelly | University of Minnesota | 65.4 |
| Prosper | North Dakota State University | 64.4 |
| Washburn-MN | University of Minnesota | 62.6 |
| LCS Rebel | Limagrain | 61.3 |
| 9719 | WestBred | 60.8 |
| Barlow | North Dakota State University | 60.1 |
| RB07 | University of Minnesota | 59.0 |
| MN1410S-7 | University of Minnesota | 58.0 |
| 9590 | WestBred | 57.3 |
| Bolles | University of Minnesota | 57.2 |
| Glenn | North Dakota State University | 56.8 |
| NDVitPro | North Dakota State University | 54.7 |
| SY Ingmar | Syngenta/AgriPro | 54.0 |
| Linkert | University of Minnesota | 52.6 |
| | | |
| LSD (P=.05) | | 7.1 |
| CV (%) | | 8.4 |
| p-value | | 0.007 |
| Mean | | 59.3 |

| Variety | % Protein |
|---|---|
| Bolles | 18.4 |
| Linkert | 18.0 |
| 9590 | 17.1 |
| NDVitPro | 17.1 |
| RB07 | 16.9 |
| SY Ingmar | 16.9 |
| LCS Rebel | 16.8 |
| MN1410S-7 | 16.8 |
| Glenn | 16.7 |
| Barlow | 16.4 |
| Lang-MN | 16.3 |
| 9719 | 16.3 |
| Washburn-MN | 16.2 |
| Shelly | 15.9 |
| Prosper | 15.5 |
| | |
| LSD (P=.05) | 0.6 |
| CV (%) | 2.1 |
| p-value | 0.001 |
| Mean | 16.8 |

Planted April 20
Harvested August 20
RCB with 5 reps
Rep 2 was not included in the analysis because of a spray skip.

# 2019 Wheat – Old Variety Yield Trial
# Velva, North Dakota

AGRO-TECH RESEARCH FARM

# Old Wheat Varieties

| Variety | Year | Bu/Acre |
|---|---|---|
| Grandin | 1989 | 64.3 |
| Glenn | 2005 | 63.9 |
| Reeder | 1999 | 62.0 |
| Steele-ND | 2004 | 61.5 |
| Red Fife | 1841 | 60.8 |
| Alsen | 2000 | 60.6 |
| Era | 1970 | 58.7 |
| Parshall | 1999 | 57.3 |
| Waldron | 1969 | 56.6 |
| Barlow | 2009 | 56.6 |
| Butte 86 | 1986 | 56.4 |
| Stoa | 1984 | 54.3 |
| 2375 | 1990 | 54.2 |
| Len | 1979 | 49.0 |
| Howard | 2006 | 48.9 |
| Marquis | 1901 | 45.6 |
| | | |
| LSD (P=.05) | | 7.5 |
| CV (%) | | 7.9 |
| p-value | | 0.001 |
| Mean | | 56.9 |

Planted April 20

Harvested August 20

RCB with 3 reps

Thankyou to the following who provided seed for testing.

**Limagrain**

**NDSU** (Andrew Green)

**University of Minnesota** (James Anderson)

Notes:

The site was no-till. Previous crop was soybean. Fungicide was applied at normal herbicide timing and flowering. The site was top-dressed early season with 35 lbs/Acre of N (28% UAN).