

Table 2. Hard Red Spring and Durum wheat variety performance trial, Mike Jordan Farms cooperator, located at Roads 9N & 2E, Rio Grande County, Colorado, 2001. By Merlin A. Dillon, Area Extension Agronomist. Yield based on 60 lbs/bu and 12% moisture.

| Variety | Grain Type | Source | Grain Yield | Bushel Weight | Heading Date** | Plant Height | Plant Lodging | Grain Protein | Grain Hardness |
|-----------------|------------|----------|--------------|---------------|----------------|--------------|---------------|---------------|----------------|
| | | | | bu/ac | lbs/bu | (June) | in. | % | %rating |
| GM 0009 | Durum | | GM | 117.3 a | 56.1 | 24.3 | 35.7 | 0 | |
| GM 40020 | HW | | GM | 116.8 a | 60.2 | 18.8 | 35.1 | 13 | |
| GM 40003 | HW | GM | 116.5 a | 58.9 | 18.5 | 39.6 | 28 | | |
| Utopia | Durum | GM | 110.1 ab | 54.2 | 23.3 | 36.9 | 44 | | |
| Yecora Rojo | HRS | CIMMYT | 110.1 ab | 59.5 | 19.0 | 30.6 | 8 | | |
| Oslo | HRS | AgriPro | 110.0 ab | 57.0 | 22.8 | 37.8 | 11 | | |
| GM 40002 | HW | GM | 108.9 abc | 57.3 | 18.0 | 39.6 | 61 | | |
| Id 560 | HW | Idaho | 108.8 abc | 53.3 | 28.8 | 40.5 | 3 | | |
| WB 881 | Durum | Westbred | 107.7 abc | 56.4 | 25.0 | 36.9 | 5 | | |
| YU995-241 | HRS | Westbred | 106.4 abc | 55.2 | 24.8 | 34.8 | 8 | | |
| GM 0002 | Durum | GM | 104.6 abc | 59.0 | 23.5 | 39.3 | 28 | | |
| Centennial | SWS | Idaho | 103.3 abc | 56.5 | 26.8 | 38.1 | 4 | | |
| GM 40016 | HW | GM | 102.8 abc | 59.1 | 19.8 | 40.5 | 30 | | |
| Hank | HRS | Westbred | 102.1 abc | 53.2 | 24.3 | 39.0 | 14 | | |
| Id 566 | HRS | Idaho | 100.9 abc | 54.9 | 20.3 | 39.9 | 23 | | |
| Pristine | HW | Westbred | 100.8 abc | 58.5 | 19.0 | 41.1 | 48 | | |
| GM 40019 | HW | GM | 100.5 abc | 55.6 | 29.0 | 35.4 | 0 | | |
| Zeke | HRS | Westbred | 98.8 abc | 54.1 | 25.0 | 41.7 | 65 | | |
| GM 40004 | HW | GM | 94.4 bcd | 56.3 | 26.3 | 37.5 | 13 | | |
| Lolo | HW | | 93.5 bcd | 55.9 | 27.5 | 42.0 | 63 | | |
| Id 557 | HRS | | 88.5 cd | 54.9 | 24.5 | 40.5 | 55 | | |
| Id 377s | HW | | 74.5 d | 52.4 | 25.0 | 40.2 | 69 | | |
| Average | | | 103.4 | 56.3 | 23.4 | 38.3 | 26.7 | | |
| LSD, .05 | | | 21.2 | 4.1 | 3.3 | 2.7 | 50.3 | | |

* Tukey's Test: yields followed by the same letters are not statistically different.

** Days after June 1.

Site Information:

Planting Date: 4/15; **Harvest Date:** 8/31

Seed Rate: 120 # /ac; durum at 140 # /ac

Nitrogen: Field at 180 # /ac + 2 Reps at 40 # /ac and 2 Reps at 70 # /ac.

Field Note: Freeze damage was light; stripe rust was noted, but very light.

The field matured too quick; bushel weights were low; yields were lower than expected.