

Table 4. Winter wheat variety performance trial, SLV Research Center, 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 bu/ac	Bushel Weight lbs/bu	Heading Date* (June)	Plant Height in.	Plant Lodging %	Grain Protein %	Grain** Hardness rating
GM 10002	HRW	Gen Mills	143.7	63.1	19.3	39.0	0.0	8.0	59
Yuma	HRW	Gen Mills	137.6	60.0	15.3	42.0	11.3	10.9	53
Prairie Red	HRW	Colo State	134.6	60.7	13.0	41.4	2.5	11.2	56
Tomahawk	HRW	AgriPro	131.1	60.8	13.3	39.9	9.8	11.8	49
Platte	HWW	AgriPro	130.5	63.6	18.3	38.4	0.0	11.7	56
Brundage	SWW	Idaho	129.9	60.0	21.5	38.4	0.0	11.1	10
WPB 470	SWW	Westbred	129.4	61.9	22.3	39.0	0.0	11.7	19
CO97 0940	HRW	Colo State	128.2	61.2	16.5	44.1	3.8	11.4	61
Yumar	HRW	Colo State	127.2	61.3	16.5	42.6	15.0	10.4	63
Golden Spike	HWW	Utah	126.4	60.1	25.5	48.6	26.3	10.5	55
Halt	HRW	Colo State	124.4	60.2	13.8	41.4	5.0	11.0	49
CO95 0043	HRW	Colo State	124.2	60.0	14.5	43.2	0.0	11.4	59
Daws	SWW	Idaho	122.6	60.4	27.5	42.6	12.5	10.7	44
CO97 0943	HRW	Colo State	122.3	58.9	13.5	43.8	15.0	10.3	65
2137	HWW	K State	119.6	61.6	19.0	41.7	0.0	10.0	75
GM 10001	HRW	Gen Mills	119.4	61.4	19.3	46.8	5.0	12.0	57
Nuplains	HWW	K State	116.4	62.8	22.0	41.7	0.0	10.3	52
Wesley	HWW	K State	111.4	60.9	13.8	37.8	0.0	11.7	62
CO97 0498	HRW	Colo State	105.9	61.2	13.0	39.9	0.0	12.5	43
Stephens	SWW	Idaho	97.8	60.0	26.3	41.7	0.0	10.7	19
Average			124.1	61.0	18.2	41.8	4.9	11.0	50.2
LSD, .05			NS	0.55	1.4	1.4	8.1	1.8	23.4

* Days after June 1 when 50% plants headed.

** Grain hardness rating: <40 indicates soft wheat; >40 indicates hard wheat.

Field Site Information:

Planted: Oct 12

Harvested: Aug 31

Seed Rate: 100 #/acre

Nitrogen: 75 # preplant+ 75# greenup + 20 #/acre on June 26.

Note: Frost damage on June 13-14 was light; some varieties may have been damaged more than others. However, some late and some early varieties made high yields. The late planting date plus the cobbles in our soil may have lessened the frost damage compared to other hard hit SLV locations