



Summary of 2024 Dryland Winter Wheat Variety Performance Results - Southeast Region

Brand/Source	Market Class	Variety ^a	2024 Multi-Location Average				2024 Individual Trial Yield ^b		
			Yield ^b bu/ac	Yield percent of average	Test		Lamar	Sheridan Lake	Walsh
					Weight ^b lb/bu	Protein ^c percent			
PlainsGold	HRW	Whistler	45.7	<i>118%</i>	<i>60.2</i>	<i>12.7</i>	48.5	49.5	41.5
PlainsGold	HRW	Kivari AX	44.0	<i>114%</i>	<i>60.3</i>	<i>12.2</i>	52.0	40.5	41.5
PlainsGold	HWW	Telluride	43.5	<i>112%</i>	<i>60.8</i>	<i>12.4</i>	47.0	45.0	39.5
PlainsGold	HRW	Avery	43.1	<i>111%</i>	<i>59.9</i>	<i>12.3</i>	45.0	38.5	45.0
CROPLAN	HRW	CP7017AX	42.5	<i>110%</i>	61.5	<i>12.1</i>	47.5	40.5	46.0
PlainsGold	HRW	Sheridan	42.5	<i>110%</i>	<i>60.7</i>	<i>12.9</i>	45.0	43.5	44.0
PlainsGold	HWW	Breck	41.4	<i>107%</i>	<i>61.1</i>	<i>13.0</i>	46.0	39.5	38.5
PlainsGold	HRW	Byrd	40.3	<i>104%</i>	<i>60.8</i>	<i>13.0</i>	43.0	35.5	41.0
PlainsGold	HWW	Windom SF	39.8	<i>103%</i>	<i>59.4</i>	<i>12.8</i>	47.0	38.5	37.0
PlainsGold	HRW	Canvas	39.3	<i>102%</i>	61.5	<i>13.2</i>	40.5	37.5	42.0
PlainsGold	HWW	Monarch	39.2	<i>101%</i>	61.3	<i>12.2</i>	44.0	34.0	42.0
PlainsGold	HRW	Crescent AX	38.3	<i>99%</i>	<i>60.2</i>	<i>11.7</i>	43.0	32.5	40.5
PlainsGold	HRW	Guardian	37.8	<i>98%</i>	61.6	<i>13.1</i>	41.0	36.0	38.5
PlainsGold	HRW	Amplify SF	37.6	<i>97%</i>	<i>61.1</i>	<i>13.4</i>	41.0	36.5	36.5
PlainsGold	HWW	Snowmass 2.0	36.8	<i>95%</i>	<i>60.7</i>	<i>11.7</i>	46.0	31.5	34.5
PlainsGold	HRW	Byrd CL Plus	36.0	<i>93%</i>	<i>60.2</i>	<i>12.3</i>	36.5	34.0	37.0
PlainsGold	HRW	Langin	35.1	<i>91%</i>	<i>60.1</i>	<i>12.8</i>	40.0	33.5	34.0
AgriPro	HRW	AP Sunbird	34.6	<i>89%</i>	61.9	<i>12.9</i>	43.0	34.0	31.5
PlainsGold	HRW	Fortify SF	34.3	<i>89%</i>	<i>60.2</i>	<i>13.0</i>	41.5	26.5	32.5
Limagrain	HRW	LCS Julep	33.8	<i>87%</i>	61.5	<i>13.6</i>	34.0	34.0	36.0
CROPLAN	HRW	CP7220	31.0	<i>80%</i>	<i>58.0</i>	<i>13.2</i>	40.0	27.0	29.5
Experimentals									
Colorado State University exp.	HRW	CO19D304R	44.4	<i>115%</i>	<i>60.4</i>	<i>12.4</i>	48.5	42.0	42.0
Colorado State University exp.	HWW	CO20SF014W	41.4	<i>107%</i>	<i>59.8</i>	<i>11.4</i>	46.0	39.0	41.0
Colorado State University exp.	HRW	CO19D087R	41.3	<i>107%</i>	<i>59.7</i>	<i>12.0</i>	43.0	37.5	42.0
Colorado State University exp.	HRW	CO18042RA	41.3	<i>107%</i>	<i>60.2</i>	<i>12.9</i>	44.5	38.5	40.0
Colorado State University exp.	HRW	CO20SF141R	39.6	<i>102%</i>	<i>60.0</i>	<i>12.6</i>	47.0	37.0	38.0
Colorado State University exp.	HRW	CO18035RA	39.5	<i>102%</i>	<i>61.0</i>	<i>12.7</i>	38.5	37.0	43.5
Colorado State University exp.	HRW	CO19410R	38.7	<i>100%</i>	61.3	<i>13.0</i>	40.0	40.0	37.5
Colorado State University exp.	HRW	CO20D108R	38.2	<i>99%</i>	61.5	<i>11.8</i>	42.0	35.5	43.0
Colorado State University exp.	HRW	CO20SFD020R	38.1	<i>98%</i>	61.5	<i>11.6</i>	40.5	37.5	37.5
Colorado State University exp.	HRW	CO20022RC	37.7	<i>98%</i>	61.7	<i>12.3</i>	40.5	32.5	40.0
Colorado State University exp.	HRW	CO21SF191RA	37.7	<i>98%</i>	<i>59.3</i>	<i>12.1</i>	40.0	42.0	32.5
Colorado State University exp.	HRW	CO19393R	37.5	<i>97%</i>	61.2	<i>12.6</i>	45.5	32.0	37.5
Colorado State University exp.	HRW	CO21SF263RA	37.5	<i>97%</i>	<i>59.2</i>	<i>13.5</i>	37.5	39.5	35.5
Colorado State University exp.	HWW	CO19S129W	37.1	<i>96%</i>	<i>61.1</i>	<i>12.7</i>	46.0	36.5	35.0
Colorado State University exp.	HRW	CO200037R	34.3	<i>89%</i>	61.5	<i>12.3</i>	37.0	32.5	34.0
Colorado State University exp.	HRW	CO20SFD019R	30.4	<i>79%</i>	<i>60.4</i>	<i>13.4</i>	36.0	26.0	31.5
Average			38.7	100%	60.6	12.6	43.0	36.5	38.5
^d LSD (0.30)			2.7		0.7		2.8	3.3	2.6
^d LSD (0.05)			5.1		1.2		5.4	6.3	4.9
Coefficient of Variation (CV)			7.1		1.7		5.4	7.2	13.0

^aVarieties grouped according to released varieties or experimentals, and then ranked from highest to lowest yield across three southeast Colorado trials in 2024.

^bYield adjusted to 12% moisture content. Variety yield and test weight values in the top least significant difference (LSD) yield group are in bold. Multi-location yield and test weight values for each variety are least squares means across the three sites and not arithmetic averages.

^cProtein adjusted to 12% moisture content and averaged across three trials in 2024.

^dFarmers selecting a variety based on yield should use the LSD (.30) to protect themselves from false negative conclusions (concluding varieties are the same when they are actually different). Companies or researchers may use the LSD (.05) to avoid false positive conclusions (concluding varieties are different when they are actually the same).

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