

## **Summary of 2023 Dryland Winter Wheat Variety Performance Results**



Parish   P	2023 Individual Trial Yield <sup>b</sup>								<u>ge</u>	on Averaș	ti-Locati	2023 Mul					
PlainsGold   HWW   Monarch   76.3   111%   57   10.3   0   101.5   10.3   0   0.5   70.5   81.0   97.5   83.5   4.5     PlainsGold   HWW   Snowmass 2.0   7.2   10.5%   58   10.6   0   93.0   97.0   33.0   72.0   81.5   93.0   77.5   41.5     PlainsGold   HWW   Valley   7.2   10.6%   58   10.6   0   93.0   97.0   33.0   72.0   81.5   93.0   77.5   41.5     Frenchman Valley   7.2   10.6%   58   10.6   0   93.0   97.0   33.0   72.0   81.5   93.0   77.5   41.5     Frenchman Valley   7.2   10.6%   58   11.0   0   99.0   103.0   44.5   73.0   75.0   92.0   81.0   31.5     PlainsGold   HRW   Cresseant AX   70.2   10.6%   58   11.0   -1   90.5   99.5   60.6   63.0   77.5   97.5   67.0   31.1     PlainsGold   HRW   Amplify SF   69.6   10.1%   56   10.0   1   86.5   91.0   53.5   63.5   81.5   95.0   79.0   32.1     PlainsGold   HRW   Awery   69.6   10.1%   56   10.0   1   86.5   91.0   53.5   63.5   81.5   95.0   79.0   32.1     PlainsGold   HRW   Synd   69.2   10.0%   57   11.0   -1   97.5   91.0   58.5   66.0   80.5   78.0   79.0   32.1     PlainsGold   HRW   Synd   69.2   10.0%   57   11.0   -1   97.5   91.0   58.5   66.0   80.5   78.0   79.0   32.1     PlainsGold   HRW   May   M		Sheridar												,		Market	
PlainsGold   HWW   Monarch   76.3   111%   57   10.5   0   101.5   103.0   60.5   70.5   81.0   0   75.5   83.5   45.5     PlainsGold   HWW   Snowmass 2.0   72.5   105%   57   10.7   -1   96.0   101.5   54.0   69.5   71.0   103.0   81.5   32.5     PlainsGold   HWW   Valley   72.0   104%   57   11.0   0   93.0   101.5   54.0   69.5   71.0   103.0   81.5   32.5     Rerechman Valley Coop   HW   Valley   72.0   104%   57   11.0   0   99.0   103.5   54.0   69.5   71.0   103.0   81.5   32.5     PlainsGold   HRW   Crescent AX   70.2   102%   58.8   11.0   -1   90.5   99.5   60.0   63.0   77.5   97.5   76.0   31.9     PlainsGold   HRW   Amplify SF   69.6   101%   57   11.3   0   88.0   85.5   58.5   68.0   80.0   89.0   81.0   48.9     PlainsGold   HRW   Amplify SF   69.6   101%   57   11.3   0   88.0   85.5   58.5   68.0   80.0   89.0   81.0   48.9     PlainsGold   HRW   Amplify SF   69.6   101%   57   11.3   0   88.5   58.5   68.0   80.0   89.0   81.0   48.9     PlainsGold   HRW   Sunshine   69.2   100%   57   11.0   -1   97.5   91.0   53.5   63.5   81.5   90.0   79.0   32.9     PlainsGold   HRW   Sunshine   69.2   100%   57   10.3   0   84.5   90.5   56.0   67.5   78.0   93.5   79.0   32.9     PlainsGold   HRW   MS Mavrick   68.1   99%   57   10.3   0   84.5   90.5   56.0   67.5   78.0   93.5   79.0   32.9     PlainsGold   HRW   Syrd   69.2   100%   57   10.2   0   85.5   75.0   56.0   67.5   78.0   93.5   79.0   32.9     PlainsGold   HRW   Canvas   67.7   98%   57   10.2   0   85.5   75.0   56.0   67.5   80.0   93.0   73.0   33.0     PlainsGold   HRW   Canvas   67.7   98%   57   10.2   0   85.5   77.0   53.5   61.5   74.0   91.5   73.0   32.0     PlainsGold   HRW   Canvas   67.7   98%   57   10.2   0   85.5   77.0   53.5   61.5   74.0   91.5   73.0   32.0     PlainsGold   HRW   Canvas   67.7   98%   58   10.6   0   82.5   77.0   88.5   62.0   60.5   71.0   94.5   83.0   34.0     PlainsGold   HRW   Canvas   67.7   98%   58   10.6   0   76.5   85.5   59.0   60.5   71.0   94.5   83.0   34.0     PlainsGold   HRW   Ca	ke Walsh Yun	Lake	Roggen	Orchard	Raymer	Julesburg	Genoa	Burlington	Akron		Protein <sup>c</sup>	Weight	Yield	Yield <sup>b</sup>	Variety <sup>a</sup>	Class	Brand/Source
PlainsGold   HWW   CP7017AX   72.4   103%   58   10.6   0   93.0   97.0   33.0   72.0   81.5   92.0   81.0   33.0   73.				с ——	— bu/a					-	percent	lb/bu	•	bu/ac			
CROPLAN HRW CP017AX 72.4 105% 58 10.6 0 93.0 97.0 53.0 72.0 81.5 96.0 77.5 41 Frenchman Valley Coop HWW Valley 72.0 104% 57 11.0 0 99.0 103.0 44.5 73.0 75.0 92.0 81.0 38 PlainsGold HRW Crescent X 70.2 102% 58 11.0 -1 90.5 99.5 60.0 63.0 77.5 97.5 76.0 31 PlainsGold HRW Amplify F 69.6 101% 57 11.3 0 88.0 85.5 85.0 66.0 80.0 90.0 89.0 81.0 48 PlainsGold HRW Amplify F 69.6 101% 57 11.3 0 88.0 85.5 85.5 85.0 66.0 80.0 89.0 78.0 48 PlainsGold HRW Amplify F 69.6 101% 57 11.0 -1 97.5 91.0 53.5 85.5 66.0 80.0 89.0 78.0 48 PlainsGold HRW Byrd Cl. PlainsGold HRW Byrd Cl. PlainsGold HRW Byrd 69.2 101% 57 11.0 -1 97.5 91.0 53.5 66.0 80.5 80.0 80.0 89.0 78.0 48 PlainsGold HRW Byrd 69.2 101% 57 11.0 -1 97.5 91.0 53.5 66.0 80.5 87.0 75.0 93.5 79.0 32 Meridian Seeds HRW My Maverick 68.1 99% 56 10.5 0 89.0 89.0 89.0 89.0 89.0 89.0 89.0 89	.5 54.5 71.	43.5	83.5	97.5	81.0	70.5	60.5	103.0	101.5	0	10.5	57	111%	76.3	Monarch	HWW	PlainsGold
Frenchman Valley Coop  HWW Valley  72.0  104%  57  11.0  0  99.0  103.0  41.5  73.0  73.0  75.0  75.0  75.0  75.0  76.0  30.0  81.0  31.0  81.0	.5 53.0 62.	35.5	81.5	103.0	71.0	69.5	54.0	101.5	96.0	-1	10.7	57	105%	72.5	Snowmass 2.0	HWW	PlainsGold
PlainsGold   HRW   Crescent AX   70.2   10.9%   58   11.0   -1   90.5   99.5   60.0   63.0   77.5   97.5   76.0   31     PlainsGold   HRW   Whistler   69.7   10.1%   56   10.2   1   76.0   75.0   62.0   68.0   90.0   89.0   89.0   78.0   30     PlainsGold   HRW   Amplify SF   69.6   10.1%   57   11.3   0   88.0   88.5   58.5   68.0   80.0   89.0   78.0   30     PlainsGold   HRW   Amplify SF   69.6   10.1%   57   11.3   0   88.0   85.5   58.5   68.0   80.0   89.0   78.0   30     PlainsGold   HRW   Sunshine   69.2   10.9%   57   11.0   -1   97.5   91.0   58.5   63.5   63.5   81.5   95.0   79.0   32     PlainsGold   HRW   Byrd   69.2   10.9%   57   11.2   0   98.5   81.0   55.0   68.0   76.0   89.0   73.0   33     PlainsGold   HRW   Byrd   69.2   10.9%   57   11.2   0   98.5   81.0   55.0   68.0   76.0   89.0   73.0   33     PlainsGold   HRW   Byrd   67.7   99%   56   10.5   0   89.0   91.0   56.5   67.0   77.0   92.5   78.0   33     PlainsGold   HRW   Synd   67.7   99%   56   10.5   0   89.5   81.5   81.0   85.0   67.0   77.0   92.5   78.0   33     PlainsGold   HRW   Canvas   67.7   98%   57   11.0   0   85.5   75.0   56.0   66.5   81.0   85.5   81.5   37.0   81.5     PlainsGold   HRW   Breck   67.4   98%   58   10.6   0   82.5   77.0   53.5   61.5   74.0   91.5   73.0   33     PlainsGold   HRW   Langin   66.6   97%   58   11.0   0   76.5   85.5   53.0   60.0   79.5   94.0   80.0   39     PlainsGold   HRW   Langin   66.7   97%   58   11.0   0   76.5   85.5   53.0   60.0   79.5   94.0   80.0   39     PlainsGold   HRW   Hatcher   65.5   93%   56   10.6   0   78.5   84.5   55.5   59.0   71.5   90.5   70.0   32     PlainsGold   HRW   Fortify SF   63.2   22%   57   10.5   0   78.5   84.5   55.5   59.0   71.5   90.5   75.0   32     PlainsGold   HRW   Fortify SF   63.2   22%   57   10.5   0   73.5   84.5   55.5   59.0   74.0   83.0   74.5   33     PlainsGold   HRW   Fortify SF   63.2   22%   57   10.5   0   73.5   84.5   55.5   59.0   75.5   84.5   75.5   22     PlainsGold   HRW   Fortify SF   63.2   22%   57   10.5	.0 51.0 65.	41.0	77.5	96.0	81.5	72.0	53.0	97.0	93.0	0	10.6	58	105%	72.4	CP7017AX	HRW	CROPLAN
PlainsGold   HRW   Whistler   69,7   101%   56   10,2   1   76,0   75,0   62,0   68,0   90,0   89,0   81,0   48     PlainsGold   HRW   Avery   69,6   101%   57   11,3   0   88,0   85,5   58,5   68,0   80,0   89,0   78,0   30     PlainsGold   HRW   Sunshine   69,2   101%   56   10,0   1   86,5   91,0   53,5   66,0   80,5   87,0   75,0   32     PlainsGold   HRW   Sunshine   69,2   101%   57   11,0   -1   97,5   91,0   58,5   66,0   80,5   87,0   75,0   33     Meridian Seeds   HRW   MS Maverick   68,1   99%   57   11,2   0   98,5   81,0   55,0   66,7   76,0   89,0   97,3   33     PlainsGold   HRW   Syrd   CL Plus   68,1   99%   57   11,2   0   98,5   81,0   55,0   66,7   76,0   89,0   73,0   33     PlainsGold   HRW   Kivari Ax   67,9   99%   55   10,2   0   85,5   51,0   66,5   67,0   77,0   25,0   78,0   33     PlainsGold   HRW   Canvas   67,7   98%   57   11,1   0   76,0   87,5   55,0   66,5   81,0   85,5   81,5   33     PlainsGold   HRW   Canvas   67,7   98%   58   10,6   0   82,5   77,0   83,5   61,5   74,0   91,5   73,0   34     PlainsGold   HRW   Langin   66,6   97%   58   11,0   0   76,0   87,5   53,0   60,0   79,5   94,0   80,0     PlainsGold   HRW   Langin   66,6   97%   58   11,0   0   76,0   85,5   53,0   60,0   79,5   94,0   80,0     PlainsGold   HRW   LCS Steel AX   66,1   96%   58   11,0   -2   41,0   10,0   70,5   85,5   59,0   71,5   94,5   80,0     PlainsGold   HRW   Hatcher   65,5   93%   57   10,6   0   73,5   74,5   47,5   61,0   76,0   86,5   77,0   74,5     PlainsGold   HRW   Roundian   77,6   77,0   77,0   77,5   77	.0 46.0 67.	38.0	81.0	92.0	75.0	73.0	44.5	103.0	99.0	0	11.0	57	104%	72.0	Valley	HWW	Frenchman Valley Coop
PlainsGold	.0 46.0 59.	31.0	76.0	97.5	77.5	63.0	60.0	99.5	90.5	-1	11.0	58	102%	70.2	Crescent AX	HRW	PlainsGold
PlainsGold   HRW   Avery   69.6   101%   56   10.0   1   86.5   91.0   53.5   63.5   81.5   95.0   79.0   32.5     PlainsGold   HRW   Sunshine   69.2   100%   57   10.3   0   84.5     PlainsGold   HRW   Byrd   69.2   100%   57   10.3   0   84.5     Meridian Seeds   HRW   MS Maverick   68.1   99%   57   11.2   0   98.5   81.0   55.0   68.0   75.0   33.5     Meridian Seeds   HRW   MS Maverick   68.1   99%   57   11.2   0   98.5   81.0   55.0   68.0   76.0   89.0   73.0   34.5     PlainsGold   HRW   Kivari AX   67.9   99%   55   10.2   0   85.5   75.0   56.0   66.5   81.0   85.5   81.5   93.0     PlainsGold   HRW   Canvas   67.7   98%   57   11.1   0   76.0   87.5   46.0   69.5   83.5   86.5   77.0   47.0     PlainsGold   HRW   Gaurdian   66.7   97%   58   11.0   0   76.5   85.5   75.0   56.0   66.5   81.0   85.5   81.5     PlainsGold   HRW   Gaurdian   66.7   97%   58   11.0   0   76.5   85.5   53.0   60.0   79.5   94.0   80.0     PlainsGold   HRW   Langin   66.6   97%   58   11.0   0   76.5   85.5   53.0   60.0   79.5   94.0   80.0     PlainsGold   HRW   Langin   66.6   96%   58   11.0   0   76.5   85.5   59.0   65.5   88.0   74.0   32.5     Limagrain   HRW   LCS Steel AX   66.1   96%   58   11.0   -2   84.0   107.0   56.5   59.0   65.5   88.0   74.0   32.5     PlainsGold   HRW   Hatcher   63.5   93%   56   10.6   0   78.0   84.5   55.5   59.0   65.5   88.0   74.0   32.5     PlainsGold   HRW   Ray   54.2   79%   52   11.7   6   85.5   66.5   81.5   82.5   85.5   85.5   75.0   56.0     Experimental   HRW   CO19410R   75.6   110%   58   10.9   -1   80.0   100.0   69.0   66.5   82.0   90.5   82.5   88.0   74.5   32.5     Experimental   HRW   CO19410R   75.6   110%   58   10.9   -1   86.5   99.0   53.0   66.5   82.0   90.5   82.5   88.0   74.5   32.5     Experimental   HRW   CO19410R   75.6   110%   58   10.9   -1   80.5   10.0   69.0   66.5   82.0   90.5   82.5   80.0   74.5   32.5     Colo State University exp.   HRW   CO19408R   71.9   104%   56   10.6   10.9   41.0   94.5   98.0   50.5   50.5   70.0   90.0   9	<b>.5</b> 53.5 67.	48.5	81.0	89.0	90.0	68.0	62.0	75.0	76.0	1	10.2	56	101%	69.7	Whistler	HRW	PlainsGold
PlainsGold   HWW   Sunshine   69.2   101%   57   11.0   -1   97.5   91.0   58.5   66.0   80.5   87.0   75.0   31     PlainsGold   HRW   Byrd   69.2   100%   57   10.3   0   84.5   90.5   56.0   67.5   78.0   93.5   79.0   33     PlainsGold   HRW   Byrd CL Plus   68.1   99%   56   10.5   0   89.5   81.0   55.0   68.0   76.0   89.0   73.0   33     PlainsGold   HRW   Kivari AX   67.9   99%   55   10.2   0   85.5   75.0   56.0   66.5   81.0   85.5     PlainsGold   HRW   Kivari AX   67.9   99%   55   10.2   0   85.5   75.0   56.0   66.5   81.0   85.5     PlainsGold   HRW   Guardian   67.7   98%   58   10.6   0   82.5   77.0   53.5   61.5   74.0   91.5   73.0   38     PlainsGold   HRW   Guardian   66.7   97%   58   11.0   0   76.5   85.5   53.0   60.0   79.5   94.0   80.0   39     PlainsGold   HRW   Guardian   66.7   97%   58   11.0   0   76.5   85.5   53.0   60.0   79.5   94.0   80.0   39     PlainsGold   HRW   Guardian   66.7   97%   58   11.0   0   76.5   85.5   53.0   60.0   79.5   94.0   80.0   39     PlainsGold   HRW   Brawl CL Plus   66.4   96%   57   11.6   -1   96.0   95.0   50.5   59.0   71.5   90.5   70.0   32     Limagrain   HRW   LCS Steel AX   66.1   96%   58   11.0   -2   84.0   107.0   55.5   59.0   71.5   90.5   70.0   32     PlainsGold   HRW   Windom SF   64.3   93%   57   10.6   -1   84.0   64.5   52.5   68.5   87.5   75.5   68.0   44     PlainsGold   HRW   Ray   54.2   79%   52   11.7   6   58.5   60.5   41.5   60.0   66.5   85.5   95.0   75.5   84.5   75.5   21     PlainsGold   HRW   Ray   54.2   79%   52   11.7   6   58.5   60.5   41.5   60.0   66.5   85.5   95.0   78.5   44     Colo. State University exp.   HRW   CO19908R   73.0   106%   57   10.8   0   92.0   101.0   58.5   60.0   65.5   85.0   95.0   78.5   44     Colo. State University exp.   HRW   CO19008R   73.0   106%   57   10.4   0   97.0   93.0   53.5   60.0   91.5   75.5   82.0   34     Colo. State University exp.   HRW   CO19008R   73.0   106%   57   10.4   0   97.0   93.0   53.5   60.0   91.5   75.5   95.0   78.5   44     Colo. St	.0 45.0 64.	36.0	78.0	89.0	80.0	68.0	58.5	85.5	88.0	0	11.3	57	101%	69.6	Amplify SF	HRW	PlainsGold
PlainsGold   HRW   Byrd   69.2   100%   57   10.3   0   84.5   90.5   56.0   67.5   78.0   93.5   79.0   33.5   Meridian Seeds   HRW   MS Maverick   68.1   99%   57   11.2   0   98.5   81.0   55.5   66.0   76.0   89.0   73.0   33.0   78.0	.0 54.5 64.	32.0	79.0	95.0	81.5	63.5	53.5	91.0	86.5	1	10.0	56	101%	69.6	Avery	HRW	PlainsGold
Meridian Seeds   HRW   MS Maverick   68.1   99%   57   11.2   0   98.5   81.0   55.0   68.0   76.0   89.0   73.0   36     PlainsGold   HRW   Byrd CL Plus   68.1   99%   56   10.5   0   89.0   91.0   56.5   67.0   77.0   92.5   78.0   38.1     PlainsGold   HRW   Canvas   67.7   98%   57   11.1   0   76.0   87.5   56.0   66.6   66.5   81.0   85.5     PlainsGold   HRW   Canvas   67.7   98%   57   11.1   0   76.0   87.5   46.0   69.5   83.5   86.5   77.0   40     PlainsGold   HRW   Breek   67.4   98%   58   10.6   0   82.5   77.0   53.5   61.5   74.0   91.5   73.0   38     PlainsGold   HRW   Langin   66.6   97%   56   10.9   -2   77.0   88.5   62.0   60.5   71.0   94.5   80.0   38     PlainsGold   HRW   Brawl CL Plus   66.4   96%   57   11.6   -1   96.0   95.0   50.5   59.0   71.5   90.5   70.0   38     PlainsGold   HRW   Hatcher   65.5   95%   56   10.6   0   78.0   84.5   55.5   59.0   71.5   90.5   70.0   38     PlainsGold   HRW   Windom SF   64.3   93%   57   10.6   -1   84.0   64.5   52.5   68.5   87.5   72.5   68.0   44.0     PlainsGold   HRW   Kay   54.2   799%   52   11.7   6   58.5   60.5   41.5   46.0   68.0   77.5   66.0   38     PlainsGold   HRW   Ray   54.2   799%   52   11.7   6   58.5   60.5   41.5   46.0   68.0   77.5   60.0   38     PlainsGold   HRW   CO19410R   75.6   110%   58   10.9   1   98.0   100.0   69.0   66.5   85.5   90.0   75.5   60.0   38     PlainsGold   HRW   CO19939R   73.5   10.6   57   10.8   0   92.0   101.0   58.5   67.0   70.0   102.0   82.0   44     Colo. State University exp.   HRW   CO19908R   73.0   106%   57   10.8   0   92.0   101.0   58.5   67.0   70.0   102.0   82.5   44     Colo. State University exp.   HRW   CO19908R   71.9   104%   58   11.1   0   94.5   98.0   60.0   60.5   74.5   84.5   78.5   94.0   82.0   34     Colo. State University exp.   HRW   CO19908R   71.9   104%   58   11.1   0   94.5   98.5   60.5   60.5   78.5   96.0   82.5   84.5   75.5   98.0   74.5   84.5   75.5   98.0   74.5   38.5     Colo. State University exp.   HRW   CO19908R   68.2   99%   57	.0 49.0 62.	31.0	75.0	87.0	80.5	66.0	58.5	91.0	97.5	-1	11.0	57	101%	69.2	Sunshine	HWW	PlainsGold
PlainsGold   HRW   Byrd CL Plus   68.1   99%   56   10.5   0   89.0   91.0   56.5   67.0   77.0   92.5   78.0   34     PlainsGold   HRW   Kivari AX   67.9   99%   55   10.2   0   85.5   75.0   56.0   66.5   81.0   85.5   81.5   35     PlainsGold   HRW   Canvas   67.7   98%   57   11.1   0   76.0   87.5   46.0   69.5   83.5   86.5   77.0   40     PlainsGold   HRW   Breck   67.4   98%   58   11.0   0   76.5   85.5   53.0   60.0   79.5   94.0   80.0   32     PlainsGold   HRW   Guardian   66.7   97%   58   11.0   0   76.5   85.5   53.0   60.0   79.5   94.0   80.0   32     PlainsGold   HRW   Langin   66.6   97%   56   10.9   -2   77.0   88.5   53.0   60.0   79.5   94.0   80.0   32     PlainsGold   HRW   Brawl CL Plus   66.4   96%   57   11.6   -1   96.0   95.0   50.5   59.0   65.5   88.0   74.0   33     Limagrain   HRW   LCS Steel AX   66.1   96%   58   11.0   -2   84.0   107.0   56.5   59.0   65.5   88.0   74.0   33     PlainsGold   HRW   Hatcher   65.5   95%   56   10.6   0   78.0   84.5   55.5   59.0   65.5   88.0   74.0   33     PlainsGold   HRW   Fortify SF   63.2   92%   57   10.6   -1   84.0   84.5   55.5   59.0   65.5   88.0   74.0   33     Experimentals   HRW   CCS Atomic AX   59.7   87%   57   10.6   -1   84.0   10.0   84.0   65.0   57.5   84.5   75.5   21     PlainsGold   HRW   Ray   54.2   79%   52   11.7   6   58.0   50.5   41.5   60.0   66.5   85.5   95.0   78.5   42     Colo. State University exp.   HRW   CO19393R   73.5   107%   57   10.8   1   86.5   99.0   53.0   66.5   82.0   90.5   87.5   42     Colo. State University exp.   HRW   CO19007R   73.0   106%   57   10.4   0   97.0   93.0   53.5   67.0   70.0   102.0   82.0   42     Colo. State University exp.   HRW   CO19007R   73.0   106%   57   10.4   0   97.0   93.0   53.5   67.0   70.0   90.0   91.5   95.5   42     Colo. State University exp.   HRW   CO19007R   73.0   106%   57   10.4   0   97.0   93.0   53.5   67.0   70.0   90.0   91.5   95.5   42     Colo. State University exp.   HRW   CO19007R   73.0   106%   57   10.4   0   97.0   93.0   53.	.5 47.0 61.	33.5	79.0	93.5	78.0	67.5	56.0	90.5	84.5	0	10.3	57	100%	69.2	Byrd	HRW	PlainsGold
PlainsGold	53.5 60.	36.5	73.0	89.0	76.0	68.0	55.0	81.0	98.5	0	11.2	57	99%	68.1	MS Maverick	HRW	Meridian Seeds
PlainsGold   HRW   Canvas   67.7   98%   57   11.1   0   76.0   87.5   46.0   69.5   83.5   86.5   77.0   40	.5 37.0 61.	34.5	78.0	92.5	77.0	67.0	56.5	91.0	89.0	0	10.5	56	99%	68.1	Byrd CL Plus	HRW	PlainsGold
PlainsGold   HWW   Breck   67.4   98%   58   10.6   0   82.5   77.0   53.5   61.5   74.0   91.5   73.0   38     PlainsGold   HRW   Guardian   66.7   97%   58   11.0   0   76.5   85.5   53.0   60.0   79.5   94.0   80.0   33     PlainsGold   HRW   Langin   66.6   97%   56   10.9   -2   77.0   88.5   52.0   60.5   71.0   94.5   83.0   33     PlainsGold   HRW   Brawl CL Plus   66.4   96%   57   11.6   -1   96.0   95.0   50.5   59.0   71.5   90.5   70.0   32     Limagrain   HRW   LCS Steel AX   66.1   96%   58   11.0   -2   84.0   107.0   56.5   59.0   74.0   83.0   74.5   33     PlainsGold   HRW   Hatcher   65.5   95%   56   10.6   0   78.0   84.5   55.5   59.0   74.0   83.0   74.5   33     PlainsGold   HRW   Fortify SF   63.2   92%   57   10.5   0   73.5   74.5   47.5   61.0   76.0   96.0   74.0   33     Limagrain   HRW   LCS Atomic AX   59.7   87%   57   11.0   -1   80.0   100.0   48.0   65.0   57.5   84.5   75.5   21     PlainsGold   HRW   Ray   54.2   79%   52   11.7   6   58.5   60.5   41.5   46.0   68.0   77.5   66.0   33     Experimentals   Colo. State University exp.   HRW   CO19393R   73.5   107%   57   10.8   0   92.0   101.0   58.5   67.0   83.0   95.0   87.5   43     Colo. State University exp.   HRW   CO190108R   73.0   106%   57   10.8   1   86.5   99.0   53.0   66.5   82.0   90.5   82.0   34     Colo. State University exp.   HRW   CO19D087R   72.3   103%   56   10.9   -1   86.5   107.0   56.5   70.0   76.5   59.0   78.5   44     Colo. State University exp.   HRW   CO19D087R   72.3   105%   56   10.6   -1   86.5   107.0   56.5   70.0   70.5   59.0   78.5   44     Colo. State University exp.   HRW   CO19D398R   77.5   10.8   10.9   1   86.5   10.9   1   86.5   99.0   53.0   66.5   82.0   90.5   82.5   44     Colo. State University exp.   HRW   CO19D087R   72.3   105%   56   10.6   -1   86.5   10.6   94.5   98.0   66.5   82.0   90.5   82.5   44     Colo. State University exp.   HRW   CO19D087R   72.3   103%   57   10.6   -1   96.5   103.0   94.5   69.5   82.5   88.0   74.5   38     Colo. State Univers	.5 52.0 65.	37.5	81.5	85.5	81.0	66.5	56.0	75.0	85.5	0	10.2	55	99%	67.9	Kivari AX	HRW	PlainsGold
PlainsGold   HRW   Guardian   66.7   97%   58   11.0   0   76.5   85.5   53.0   60.0   79.5   94.0   80.0   36   91.0   36.0	.0 55.0 60.	40.0	77.0	86.5	83.5	69.5	46.0	87.5	76.0	0	11.1	57	98%	67.7	Canvas	HRW	PlainsGold
PlainsGold	.5 <b>60.5</b> 63.	38.5	73.0	91.5	74.0	61.5	53.5	77.0	82.5	0	10.6	58	98%	67.4	Breck	HWW	PlainsGold
PlainsGold	50.5 57.	36.0	80.0	94.0	79.5	60.0	53.0	85.5	76.5	0	11.0	58	97%	66.7	Guardian	HRW	PlainsGold
Limagrain	.5 36.0 61.	31.5	83.0	94.5	71.0	60.5	62.0	88.5	77.0	-2	10.9	56	97%	66.6	Langin	HRW	PlainsGold
PlainsGold   HRW   Hatcher   65.5   95%   56   10.6   0   78.0   84.5   55.5   59.0   74.0   83.0   74.5   34.5   74.5	.0 45.5 57.	32.0	70.0	90.5	71.5	59.0	50.5	95.0	96.0	-1	11.6	57	96%	66.4	Brawl CL Plus	HRW	PlainsGold
PlainsGold   HWW   Windom SF   64.3   93%   57   10.6   -1   84.0   64.5   52.5   68.5   87.5   72.5   68.0   44     PlainsGold   HRW   Fortify SF   63.2   92%   57   10.5   0   73.5   74.5   47.5   61.0   76.0   96.0   74.0   32     Limagrain   HRW   LCS Atomic AX   59.7   87%   57   11.0   -1   80.0   100.0   48.0   65.0   57.5   84.5   75.5   21     PlainsGold   HRW   Ray   54.2   79%   52   11.7   6   58.5   60.5   41.5   46.0   68.0   77.5   66.0   33     Experimentals   Experimentals     Colo. State University exp.   HRW   CO19410R   75.6   110%   58   10.9   1   98.0   100.0   69.0   66.5   85.5   95.0   78.5   40     Colo. State University exp.   HRW   CO19393R   73.5   107%   57   10.8   0   92.0   101.0   58.5   67.0   83.0   95.0   87.5   42     Colo. State University exp.   HRW   CO18D007W   73.0   106%   57   10.4   0   97.0   93.0   53.5   67.0   70.0   102.0   82.0   40     Colo. State University exp.   HRW   CO19304R   71.9   104%   56   10.6   1   84.0   92.5   54.5   68.0   90.0   91.5   79.5   43     Colo. State University exp.   HRW   CO18D297R   71.9   104%   58   11.1   0   94.5   98.0   62.0   67.5   67.0   100.0   78.5   40     Colo. State University exp.   HRW   CO19125W   71.7   104%   57   10.6   0   96.5   103.0   49.5   69.5   82.5   88.0   74.5   33     Colo. State University exp.   HWW   CO19815W   70.6   103%   57   10.6   0   96.5   103.5   53.5   70.5   70.0   70.0   92.0   77.5   33     Colo. State University exp.   HWW   CO19805W   70.3   102%   57   10.6   0   96.5   103.5   53.5   70.5   70.5   70.5   79.5   34     Colo. State University exp.   HWW   CO19805W   70.3   102%   57   10.6   0   96.5   103.5   53.5   70	.0 45.0 58.	33.0	74.0	88.0	65.5	59.0	56.5	107.0	84.0	-2	11.0	58	96%	66.1	LCS Steel AX	HRW	Limagrain
PlainsGold	.5 51.5 58.	37.5	74.5	83.0	74.0	59.0	55.5	84.5	78.0	0	10.6	56	95%	65.5	Hatcher	HRW	PlainsGold
Limagrain HRW LCS Atomic AX 59.7 87% 57 11.0 -1 80.0 100.0 48.0 65.0 57.5 84.5 75.5 21 PlainsGold HRW Ray 54.2 79% 52 11.7 6 58.5 60.5 41.5 46.0 68.0 77.5 66.0 32 Experimentals  Colo. State University exp. HRW CO19410R 75.6 110% 58 10.9 1 98.0 100.0 69.0 66.5 85.5 95.0 78.5 42 Colo. State University exp. HRW CO20D108R 73.0 106% 57 10.8 0 92.0 101.0 58.5 67.0 83.0 95.0 87.5 42 Colo. State University exp. HRW CO19D08TR 73.0 106% 57 10.8 1 86.5 99.0 53.0 66.5 82.0 90.5 82.0 32 Colo. State University exp. HRW CO19D08TR 72.3 105% 56 10.9 -1 86.5 107.0 56.5 70.0 70.0 102.0 82.0 44 Colo. State University exp. HRW CO19D304R 71.9 104% 56 10.6 1 84.0 92.5 54.5 68.0 90.0 91.5 79.5 45 Colo. State University exp. HRW CO19S129W 71.7 104% 57 10.6 0 94.5 98.0 62.0 67.5 67.0 100.0 78.5 41 Colo. State University exp. HWW CO19S135W 70.6 103% 57 10.6 0 96.5 103.0 49.5 69.5 82.5 88.0 74.5 38 Colo. State University exp. HWW CO19S053R 68.2 99% 57 10.5 1 88.5 96.0 61.0 62.5 74.5 84.5 78.5 95.0 77.5 36 Colo. State University exp. HRW CO19S053R 68.2 99% 57 10.5 0 77.5 84.5 57.0 64.0 87.0 92.0 77.5 36 Colo. State University exp. HRW CO19S053R 68.2 99% 57 10.5 0 77.5 84.5 57.0 64.0 87.0 92.0 77.5 36 Colo. State University exp. HRW CO19S053R 68.1 99% 56 11.1 -2 91.5 85.0 56.5 63.0 79.0 88.5 80.5 35 Colo. State University exp. HRW CO19S053R 68.1 99% 56 11.1 -2 91.5 85.0 56.5 63.0 79.0 88.5 80.5 35 Colo. State University exp. HRW CO19S053R 68.1 99% 56 11.1 -2 91.5 85.0 56.5 63.0 79.0 88.5 80.5 35 Colo. State University exp. HRW CO18S05AR 68.1 99% 56 11.1 -2 91.5 85.0 56.5 63.0 79.0 88.5 80.5 35 Colo. State University exp. HRW CO18S05R 68.1 99% 56 11.1 -2 91.5 85.0 56.5 63.0 79.0 88.5 80.5 35 Colo. State University exp. HRW CO18S05R 68.1 99% 56 11.1 -2 91.5 85.0 56.5 56.5 70.0 79.0 88.5 80.5 35 Colo. State University exp. HRW CO18S05R 68.1 99% 57 10.5 0 77.5 84.5 57.0 64.0 87.0 92.0 77.5 35 Colo. State University exp. HRW CO18S05R 68.1 99% 57 10.5 0 77.5 84.5 57.0 64.0 87.0 92.0 77.5 35 Colo. State University exp. HRW CO18S05R 68.1 99% 57 10.	.0 47.5 61.	40.0	68.0	72.5	87.5	68.5	52.5	64.5	84.0	-1	10.6	57	93%	64.3	Windom SF	HWW	PlainsGold
PlainsGold HRW Ray 54.2 79% 52 11.7 6 58.5 60.5 41.5 46.0 68.0 77.5 66.0 33  Experimentals  Colo. State University exp. HRW CO19410R 75.6 110% 58 10.9 1 98.0 100.0 69.0 66.5 85.5 95.0 78.5 44.  Colo. State University exp. HRW CO20D108R 73.0 106% 57 10.8 0 92.0 101.0 58.5 67.0 83.0 95.0 87.5 42.  Colo. State University exp. HRW CO20D108R 73.0 106% 57 10.8 1 86.5 99.0 53.0 66.5 82.0 90.5 82.0 32.  Colo. State University exp. HRW CO19D087R 72.3 105% 56 10.9 -1 86.5 107.0 56.5 70.0 70.0 76.5 96.0 82.5 44.  Colo. State University exp. HRW CO19D304R 71.9 104% 56 10.6 1 84.0 92.5 54.5 68.0 90.0 91.5 79.5 45.  Colo. State University exp. HRW CO19S129W 71.7 104% 57 10.6 0 94.5 98.0 62.0 67.5 67.0 100.0 78.5 41.  Colo. State University exp. HWW CO19S135W 70.6 103% 57 10.6 -1 96.5 103.0 49.5 69.5 82.5 88.0 74.5 38.  Colo. State University exp. HWW CO19S055W 70.3 102% 57 10.6 -1 96.5 103.5 53.5 70.5 77.0 94.0 82.0 33.  Colo. State University exp. HRW CO19S055W 70.3 102% 57 10.6 -1 96.5 103.5 53.5 70.5 77.0 94.0 82.0 33.  Colo. State University exp. HRW CO19S055R 68.2 99% 57 10.5 1 88.5 96.0 61.0 62.5 74.5 84.5 78.5 35.  Colo. State University exp. HRW CO19S057R 68.2 99% 57 10.5 0 77.5 84.5 57.0 64.0 87.0 92.0 77.5 35.  Colo. State University exp. HRW CO19S057R 68.1 99% 56 11.1 -2 91.5 85.0 56.5 63.0 79.0 88.5 80.5 35.	.0 34.5 67.	32.0	74.0	96.0	76.0	61.0	47.5	74.5	73.5	0	10.5	57	92%	63.2	Fortify SF	HRW	PlainsGold
Colo. State University exp.   HRW   CO19393R   73.5   107%   57   10.8   0   92.0   101.0   58.5   67.0   83.0   95.0   87.5   42.0	.5 10.5 56.	21.5	75.5	84.5	57.5	65.0	48.0	100.0	80.0	-1	11.0	57	87%	59.7	LCS Atomic AX	HRW	Limagrain
Colo. State University exp. HRW CO19410R 75.6 110% 58 10.9 1 98.0 100.0 69.0 66.5 85.5 95.0 78.5 40.0 Colo. State University exp. HRW CO19393R 73.5 107% 57 10.8 0 92.0 101.0 58.5 67.0 83.0 95.0 87.5 43.0 Colo. State University exp. HRW CO20D108R 73.0 106% 57 10.8 1 86.5 99.0 53.0 66.5 82.0 90.5 82.0 35.0 Colo. State University exp. HRW CO19D087R 72.3 105% 56 10.6 1 84.0 92.5 53.5 67.0 70.0 70.5 96.0 82.5 40.0 Colo. State University exp. HRW CO19D304R 71.9 104% 56 10.6 1 84.0 92.5 54.5 68.0 90.0 91.5 79.5 44.0 Colo. State University exp. HRW CO19S129W 71.7 104% 57 10.6 0 96.5 103.0 49.5 69.5 82.5 88.0 74.5 38.0 Colo. State University exp. HWW CO19S135W 70.6 103% 57 10.6 0 96.5 103.0 49.5 69.5 82.5 88.0 74.5 38.0 Colo. State University exp. HRW CO19S058W 70.3 102% 57 10.6 -1 96.5 103.5 53.5 70.5 77.0 94.0 82.0 31.0 Colo. State University exp. HRW CO19S053R 68.2 99% 57 10.5 1 88.5 96.0 61.0 62.5 74.5 84.5 78.5 35.0 Colo. State University exp. HRW CO18042RA 68.3 99% 57 10.5 1 88.5 96.0 61.0 62.5 74.5 84.5 78.5 35.0 Colo. State University exp. HRW CO18053RA 68.1 99% 56 11.1 -2 91.5 85.0 56.5 63.0 79.0 88.5 80.5 33.0 Colo. State University exp. HRW CO18053RA 68.1 99% 56 11.1 -2 91.5 85.0 56.5 63.0 79.0 88.5 80.5 33.0 Colo. State University exp. HRW CO18053RA 68.1 99% 56 11.1 -2 91.5 85.0 56.5 63.0 79.0 88.5 80.5 33.0 Colo. State University exp. HRW CO18053RA 68.1 99% 56 11.1 -2 91.5 85.0 56.5 63.0 79.0 88.5 80.5 33.0 Colo. State University exp. HRW CO18053RA 68.1 99% 56 11.1 -2 91.5 85.0 56.5 63.0 79.0 88.5 80.5 33.0 Colo. State University exp. HRW CO18053RA 68.1 99% 56 11.1 -2 91.5 85.0 56.5 63.0 79.0 88.5 80.5 33.0 Colo. State University exp. HRW CO18053RA 68.1 99% 56 11.1 -2 91.5 85.0 56.5 63.0 79.0 88.5 80.5 33.0 Colo. State University exp. HRW CO18053RA 68.1 99% 56 11.1 -2 91.5 85.0 56.5 63.0 79.0 88.5 80.5 33.0 Colo. State University exp. HRW CO18053RA 68.1 99% 56 11.1 -2 91.5 85.0 56.5 56.5 63.0 79.0 88.5 80.5 33.0 Colo. State University exp. HRW CO18053RA 68.1 99% 56 11.1 -2 91.5 85.0 56.5 56.5 63.0 79.0 88.5	.5 42.0 52.	33.5	66.0	77.5	68.0	46.0	41.5	60.5	58.5	6	11.7	52	79%	54.2	Ray	HRW	PlainsGold
Colo. State University exp. HRW CO19393R 73.5 107% 57 10.8 0 92.0 101.0 58.5 67.0 83.0 95.0 87.5 43.0 Colo. State University exp. HRW CO20D108R 73.0 106% 57 10.8 1 86.5 99.0 53.0 66.5 82.0 90.5 82.0 35.0 Colo. State University exp. HRW CO18D007W 73.0 106% 57 10.4 0 97.0 93.0 53.5 67.0 70.0 102.0 82.0 40.0 Colo. State University exp. HRW CO19D087R 72.3 105% 56 10.9 -1 86.5 107.0 56.5 70.0 76.5 96.0 82.5 40.0 Colo. State University exp. HRW CO19D304R 71.9 104% 56 10.6 1 84.0 92.5 54.5 68.0 90.0 91.5 79.5 44.0 Colo. State University exp. HRW CO18D297R 71.9 104% 58 11.1 0 94.5 98.0 62.0 67.5 67.0 100.0 78.5 41.0 Colo. State University exp. HWW CO19S129W 71.7 104% 57 10.6 0 96.5 103.0 49.5 69.5 82.5 88.0 74.5 38.0 Colo. State University exp. HWW CO19S135W 70.6 103% 57 10.6 -1 96.5 103.0 49.5 55.5 65.5 78.5 95.0 79.5 38.0 Colo. State University exp. HRW CO19S085W 70.3 102% 57 11.4 0 90.0 94.0 55.5 65.5 78.5 95.0 79.5 38.0 Colo. State University exp. HRW CO19S085R 68.2 99% 57 10.5 1 88.5 96.0 61.0 62.5 74.5 84.5 78.5 35.0 Colo. State University exp. HRW CO19S085R 68.1 99% 56 11.1 -2 91.5 85.0 56.5 63.0 79.0 88.5 80.5 35.0 56.5 63.0 79.0 88.5 80.5 35.0 56.5 63.0 79.0 88.5 80.5 35.0 56.5 63.0 79.0 88.5 80.5 35.0 56.5 63.0 79.0 88.5 80.5 35.0 56.5 63.0 79.0 88.5 80.5 35.0 56.5 63.0 79.0 88.5 80.5 35.0 56.5 63.0 79.0 88.5 80.5 35.0 56.5 63.0 79.0 88.5 80.5 35.0 56.5 63.0 79.0 88.5 80.5 35.0 56.5 57.0 64.0 87.0 92.0 77.5 35.0 56.5 56.5 57.0 64.0 87.0 92.0 77.5 35.0 56.5 56.5 57.0 64.0 87.0 92.0 77.5 35.0 56.5 56.5 57.0 57.0 57.0 57.0 57.0 57.0 57.0 57																	Experimentals
Colo. State University exp. HRW CO20D108R 73.0 106% 57 10.8 1 86.5 99.0 53.0 66.5 82.0 90.5 82.0 35 Colo. State University exp. HRW CO18D007W 73.0 106% 57 10.4 0 97.0 93.0 53.5 67.0 70.0 102.0 82.0 40 Colo. State University exp. HRW CO19D087R 72.3 105% 56 10.9 -1 86.5 107.0 56.5 70.0 76.5 96.0 82.5 40 Colo. State University exp. HRW CO19D304R 71.9 104% 56 10.6 1 84.0 92.5 54.5 68.0 90.0 91.5 79.5 45 Colo. State University exp. HRW CO18D297R 71.9 104% 58 11.1 0 94.5 98.0 62.0 67.5 67.0 100.0 78.5 41 Colo. State University exp. HWW CO19S129W 71.7 104% 57 10.6 0 96.5 103.0 49.5 69.5 82.5 88.0 74.5 35 Colo. State University exp. HWW CO19S085W 70.6 103% 57 10.6 -1 96.5 103.5 53.5 70.5 77.0 94.0 82.0 31 Colo. State University exp. HRW CO19S085W 70.3 102% 57 11.4 0 90.0 94.0 55.5 65.5 78.5 95.0 79.5 38 Colo. State University exp. HRW CO19S085R 68.2 99% 57 10.5 1 88.5 96.0 61.0 62.5 74.5 84.5 78.5 35 Colo. State University exp. HRW CO19S035R 68.2 99% 57 10.5 0 77.5 84.5 57.0 64.0 87.0 92.0 77.5 37 Colo. State University exp. HRW CO19S035R 68.1 99% 56 11.1 -2 91.5 85.0 56.5 63.0 79.0 88.5 80.5 35 Colo. State University exp. HRW CO19S035R 68.1 99% 56 11.1 -2 91.5 85.0 56.5 63.0 79.0 88.5 80.5 35 Colo. State University exp. HRW CO18035RA 68.1 99% 56 11.1 -2 91.5 85.0 56.5 63.0 79.0 88.5 80.5	.0 54.0 <b>71.</b>	40.0	78.5	95.0	85.5	66.5	69.0	100.0	98.0	1	10.9	58	110%	75.6	CO19410R	HRW	Colo. State University exp.
Colo. State University exp.  HWW CO18D007W 73.0 106% 57 10.4 0 97.0 93.0 53.5 67.0 70.0 102.0 82.0 40  Colo. State University exp.  HRW CO19D087R 72.3 105% 56 10.9 -1 86.5 107.0 56.5 70.0 76.5 96.0 82.5 40  Colo. State University exp.  HRW CO19D304R 71.9 104% 56 10.6 1 84.0 92.5 54.5 68.0 90.0 91.5 79.5 45  Colo. State University exp.  HRW CO18D297R 71.9 104% 58 11.1 0 94.5 98.0 62.0 67.5 67.0 100.0 78.5 41  Colo. State University exp.  HWW CO19S129W 71.7 104% 57 10.6 0 96.5 103.0 49.5 69.5 82.5 88.0 74.5 38  Colo. State University exp.  HWW CO19S135W 70.6 103% 57 10.6 -1 96.5 103.5 53.5 70.5 77.0 94.0 82.0 31  Colo. State University exp.  HWW CO19S085W 70.3 102% 57 11.4 0 90.0 94.0 55.5 65.5 78.5 95.0 79.5 38  Colo. State University exp.  HRW CO19S033R 68.2 99% 57 10.5 1 88.5 96.0 61.0 62.5 74.5 84.5 78.5 35  Colo. State University exp.  HRW CO18S038A 68.1 99% 56 11.1 -2 91.5 85.0 56.5 63.0 79.0 88.5 80.5 35	.0 45.0 63.	43.0	87.5	95.0	83.0	67.0	58.5	101.0	92.0	0	10.8	57	107%	73.5	CO19393R	HRW	Colo. State University exp.
Colo. State University exp. HRW CO19D087R 72.3 105% 56 10.9 -1 86.5 107.0 56.5 70.0 76.5 96.0 82.5 40 Colo. State University exp. HRW CO19D304R 71.9 104% 56 10.6 1 84.0 92.5 54.5 68.0 90.0 91.5 79.5 45 Colo. State University exp. HRW CO18D297R 71.9 104% 58 11.1 0 94.5 98.0 62.0 67.5 67.0 100.0 78.5 41 Colo. State University exp. HWW CO19S129W 71.7 104% 57 10.6 0 96.5 103.0 49.5 69.5 82.5 88.0 74.5 38 Colo. State University exp. HWW CO19S135W 70.6 103% 57 10.6 -1 96.5 103.5 53.5 70.5 77.0 94.0 82.0 31 Colo. State University exp. HWW CO19S058W 70.3 102% 57 11.4 0 90.0 94.0 55.5 65.5 78.5 95.0 79.5 38 Colo. State University exp. HRW CO19S053R 68.2 99% 57 10.5 1 88.5 96.0 61.0 62.5 74.5 84.5 78.5 35 Colo. State University exp. HRW CO19S053R 68.2 99% 57 10.5 0 77.5 84.5 57.0 64.0 87.0 92.0 77.5 37 Colo. State University exp. HRW CO18035RA 68.1 99% 56 11.1 -2 91.5 85.0 56.5 63.0 79.0 88.5 80.5 35	.5 56.5 67.	39.5	82.0	90.5	82.0	66.5	53.0	99.0	86.5	1	10.8	57	106%	73.0	CO20D108R	HRW	Colo. State University exp.
Colo. State University exp.  Colo. State University exp.  HRW CO19D304R 71.9 104% 56 10.6 1 84.0 92.5 54.5 68.0 90.0 91.5 79.5 48.0 Colo. State University exp.  HRW CO18D297R 71.9 104% 58 11.1 0 94.5 98.0 62.0 67.5 67.0 100.0 78.5 48.0 Colo. State University exp.  HWW CO19S129W 71.7 104% 57 10.6 0 96.5 103.0 49.5 69.5 82.5 88.0 74.5 38.0 Colo. State University exp.  HWW CO19S135W 70.6 103% 57 10.6 -1 96.5 103.5 53.5 70.5 77.0 94.0 82.0 31.0 Colo. State University exp.  HWW CO19S085W 70.3 102% 57 11.4 0 90.0 94.0 55.5 65.5 78.5 95.0 79.5 38.0 Colo. State University exp.  Colo. State University exp.  HRW CO19S035R 68.2 99% 57 10.5 1 88.5 96.0 61.0 62.5 74.5 84.5 78.5 33.0 Colo. State University exp.  HRW CO19S035R 68.1 99% 56 11.1 -2 91.5 85.0 56.5 63.0 79.0 88.5 80.5 33.0 Colo. State University exp.	.5 54.0 68.	40.5	82.0	102.0	70.0	67.0	53.5	93.0	97.0	0	10.4	57	106%	73.0	CO18D007W	HWW	Colo. State University exp.
Colo. State University exp.  Colo. State University exp.  HRW CO18D297R 71.9 104% 58 11.1 0 94.5 98.0 62.0 67.5 67.0 100.0 78.5 41.0 0 94.5 98.0 62.0 67.5 67.0 100.0 78.5 41.0 0 94.5 98.0 62.0 67.5 67.0 100.0 78.5 41.0 0 94.5 98.0 62.0 67.5 67.0 100.0 78.5 41.0 0 94.0 96.5 103.0 49.5 69.5 82.5 88.0 74.5 3	.5 54.0 58.	40.5	82.5	96.0	76.5	70.0	56.5	107.0	86.5	-1	10.9	56	105%	72.3	CO19D087R	HRW	Colo. State University exp.
Colo. State University exp.  Colo. State University exp.  HWW CO198129W 71.7 104% 57 10.6 0 96.5 103.0 49.5 69.5 82.5 88.0 74.5 38.0 70.5 70.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0	<b>58.0</b> 64.	45.5	79.5	91.5	90.0	68.0	54.5	92.5	84.0	1	10.6	56	104%	71.9	CO19D304R	HRW	Colo. State University exp.
Colo. State University exp.  HWW C019S135W 70.6 103% 57 10.6 -1 96.5 103.5 53.5 70.5 77.0 94.0 82.0 35   Colo. State University exp.  HWW C019S085W 70.3 102% 57 11.4 0 90.0 94.0 55.5 65.5 78.5 95.0 79.5 38   Colo. State University exp.  HRW C018042RA 68.3 99% 57 10.5 1 88.5 96.0 61.0 62.5 74.5 84.5 78.5 35   Colo. State University exp.  HRW C019S053R 68.2 99% 57 10.5 0 77.5 84.5 57.0 64.0 87.0 92.0 77.5 37   Colo. State University exp.  HRW C018035RA 68.1 99% 56 11.1 -2 91.5 85.0 56.5 63.0 79.0 88.5 80.5 35		41.0	78.5	100.0	67.0	67.5	62.0	98.0	94.5	0	11.1	58	104%	71.9	CO18D297R	HRW	Colo. State University exp.
Colo. State University exp.  HWW CO198085W 70.3 102% 57 11.4 0 90.0 94.0 55.5 65.5 78.5 95.0 79.5 38  Colo. State University exp.  HRW CO18042RA 68.3 99% 57 10.5 1 88.5 96.0 61.0 62.5 74.5 84.5 78.5 35  Colo. State University exp.  HRW CO198053R 68.2 99% 57 10.5 0 77.5 84.5 57.0 64.0 87.0 92.0 77.5 37  Colo. State University exp.  HRW CO18035RA 68.1 99% 56 11.1 -2 91.5 85.0 56.5 63.0 79.0 88.5 80.5 35	.5 47.0 65.	38.5	74.5	88.0	82.5	69.5	49.5	103.0	96.5	0	10.6	57	104%	71.7	CO19S129W	HWW	Colo. State University exp.
Colo. State University exp. HRW CO18042RA 68.3 99% 57 10.5 1 88.5 96.0 61.0 62.5 74.5 84.5 78.5 35 Colo. State University exp. HRW CO19S053R 68.2 99% 57 10.5 0 77.5 84.5 57.0 64.0 87.0 92.0 77.5 37 Colo. State University exp. HRW CO18035RA 68.1 99% 56 11.1 -2 91.5 85.0 56.5 63.0 79.0 88.5 80.5 35	.5 39.5 66.	31.5	82.0	94.0	77.0	70.5	53.5	103.5	96.5	-1	10.6	57	103%	70.6	CO19S135W	HWW	Colo. State University exp.
Colo. State University exp. HRW CO198053R 68.2 99% 57 10.5 0 77.5 84.5 57.0 64.0 <b>87.0</b> 92.0 77.5 37. Colo. State University exp. HRW CO18035RA 68.1 99% 56 11.1 -2 91.5 85.0 56.5 63.0 79.0 88.5 80.5 35.	.0 49.0 61.	38.0	79.5	95.0	78.5	65.5	55.5	94.0	90.0	0	11.4	57		70.3	CO19S085W	HWW	Colo. State University exp.
Colo. State University exp. HRW CO18035RA 68.1 99% 56 11.1 -2 91.5 85.0 56.5 63.0 79.0 88.5 80.5 35		35.0						96.0	88.5						CO18042RA	HRW	Colo. State University exp.
7 1	.0 49.5 63.	37.0	77.5	92.0	87.0	64.0	57.0	84.5	77.5		10.5	57	99%	68.2	CO19S053R	HRW	Colo. State University exp.
Calo State University even LDW CO200027D 66.9 079/ 57 11.0 1 92.5 00.5 50.5 64.5 76.0 97.0 72.0 24	.0 43.5 63.	35.0		88.5	79.0	63.0				-2	11.1				CO18035RA	HRW	Colo. State University exp.
		36.0	72.0	87.0	76.0	64.5	50.5	90.5	83.5	1	11.0	57	97%	66.8	CO200037R	HRW	Colo. State University exp.
	.5 47.5 62.	36.5	77.5	91.0	77.5	65.5	55.0	91.0	87.0	0	10.8	57	100%	68.9			
<sup>e</sup> LSD (0.30) 2.8 5.0 5.0 5.0 2.0 3.0 4.0 3.0 3	5 3.0 2.0	3.5	3.0	4.0	3.0	2.0	5.0	5.0	5.0					2.8	eLSD (0.30)		
°LSD (0.05) 5.3 9.5 9.0 9.5 4.5 6.0 7.0 5.0 7	0 5.5 4.5	7.0	5.0	7.0	6.0	4.5	9.5	9.0	9.5					5.3	eLSD (0.05)		

<sup>&</sup>lt;sup>a</sup>Varieties grouped according to released varieties or experimentals, and then ranked from highest to lowest yield across ten trials in 2023. Varieties not entered at all ten locations were not included to provide fair comparisons. Varieties entered in a single testing region (southeast or northeast Colorado) appear in the associated 2023 Colorado regional summary table.

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<sup>&</sup>lt;sup>b</sup>Yield adjusted to 12% moisture content. Variety yield values in the top least significant difference (LSD) yield group across the locations and within each location are in bold. Multi-location yield values for each variety are least squares means and not arithmetic averages.

<sup>&</sup>lt;sup>e</sup>Protein adjusted to 12% moisture content and averaged across seven trials in 2023.

dVarieties with positive values headed later than the trial averages and varieties with negative values headed earlier than average. Based on three trials in 2023.

<sup>&</sup>lt;sup>6</sup>Farmers 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).