Commercial varieties in the 2026 Virginia small grain official variety trials

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July 18, 2026

The following tables present results from the wheat and barley variety trial conducted in Virginia in 2026. These small grain variety performance tests are conducted each year in Virginia by the Virginia Tech School of Plant and Environmental Sciences and the Virginia Agricultural Experiment Station. The tests provide information to assist Virginia Cooperative Extension Service agents in formulating cultivar recommendations for small grain producers and to companies developing cultivars and/or marketing seed within the state. Yield data are given for individual locations and across locations and years; yield and other performance characteristics are averaged over the number of locations indicated in parenthesis near the column heading. Performance of a given variety often varies widely over locations and years which makes multiple location-year averages a more reliable indication of expected performance than data from a single year or location.

Commercially available varieties are shown the following tables. A "Commercial" variety is defined as one for which seed would be available for purchase under the brand name listed in this trial either in the past or for the following planting season. Lines that have never had commercial seed available, nor will have commercial seed available in the fall for the next planting season, are considered "Experimental" lines. Thus, lines that have been released as a variety but are not yet available for purchase for commercial production are still considered experimental. Experimental lines that were evaluated in the same trial have been removed and placed in a separate document that you can find on the website listed above. Commerical varieties and experimental lines are randomized in the same trial, and thus share the same summary statistics and are directly comparable across all traits.

These are final result tables that will appear in the official Small Grains publication at Virginia Cooperative Extension. Some very small changes may occur if errors are identified that require re-running of the analysis. Official results will be distributed by Mid-July, and will be made available online at https://cropgenetics.spes.vt.edu/small-grains-breeding/variety-data.html. Please contact Nicholas Santantonio by email at nsant@vt.edu if any errors are identified.

Soft Red Winter Wheat in 2026

The 2026 growing season was one of the most challenging for growers in recent memory. Very cold temperatures during the winter were largely insulated by snow and ice coverage, resulting in little to no winter kill. However, late spring freeze in mid-March and early April were devastating in some regions of Virginia, resulting in sterile heads with varying degrees of sterility and freeze damage depending on location, elevation in the field etc. Compounding freeze damage was a lack of significant rainfall in much of the state between mid-March to late May, with some areas receiving almost no rainfall for close to a 2 month period. Yields across the state were lower than typical, although some sites escape freeze damage and received sufficient rainfall to produce a harvestable crop.

Table 1: Commerical wheat varieties in the Virginia state soft winter wheat official variety test at six sites across Virginia in 2026. Sites included Blacksburg, Orange, Painter, Holland, Shenandoah Valley and Warsaw VA. Blackstone experienced heavy frost damage and was not included.

Line	Rank	Grain Yield bu/ac (6)	Test Weight lb/bu (6)	Heading Date Julian (3)	Height in (2)	Lodging 0-9 (1)	Powdery Mildew 0-9 (2)	Leaf Rust 0-9 (1)	FHB 0-9 (1)	Awns A-TA-AL
KAS 245	1	94.6+	58.7	115+	29	1.0	0.5	1.0	1.5	A
AgriMAXX 576	2	93.3+	59.0	115	30	1.0	1.0	3.0+	2.0	A
AgriMAXX 575	3	91.5+	57.8-	113	28	0.5-	2.7+	2.5	1.5	A
USG 3447	4	91.1+	59.1	112	30	1.5	1.0	0.0-	1.0	A
Dyna-Gro 9751	5	90.9+	58.7	114	30	1.0	1.0	5.0+	1.0	A
CP8650	6	90.6	57.7-	114	28	0.5-	2.2	5.0+	1.0	A
AGS 3518	7	90.6	59.1	112-	30	1.0	0.2	1.0	1.5	A
Dyna-Gro 9743	8	90.6	58.3	115+	28	1.0	1.7	4.0+	1.5	A
Dyna-Gro 9632	9	90.3	57.6-	114	29	1.8	2.0	3.5+	1.0	A
AgriMAXX 564	10	90.2	59.4+	113	31+	1.3	1.0	-0.0-	1.5	A
InSPIRE FS 774	11	90.0	59.9+	112-	31+	1.2	0.5	3.0+	1.0	A
CP8345	12	89.9	58.7	114	29	1.0	0.5	4.5+	1.0	A
AgriMAXX 566	13	89.7	58.9	114	29	0.8	0.5	5.5+	2.0	A
USG 3352	14	89.4	57.9-	114	29	1.5	2.7+	5.5+	1.0	A
Dyna-Gro 9151	15	89.3	59.4+	114	29	1.5	2.2	6.0+	1.0	A
VT Pitman	16	88.7	59.5+	112-	28	1.5	-0.0	0.0-	3.5	A
mean		86.2	58.7	114	29	1.4	1.0	1.6	1.9	NA
LSD		4.7	0.7	1	1	0.9	1.5	1.2	1.6	NA
CV		12.1	1.9	1	4	44.5	113.5	38.2	43.0	NA

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A plus or minus sign indicates a performance significantly above or below the test average.
The 0-9 ratings indicate a genotype's response to disease or lodging where 0 = highly resistant and 9 = highly susceptible.
FHB = Fusarium Head Blight Score (0-9)
FDK = Fusarium Diseased Kernels (percent)
DON = Deoxynivalenol concentration in the kernels (ppm)
Awns, A = Awned, TA = Tip-Awned, and AL = Awnless

Line	Rank	Grain Yield	Test Weight	Heading Date	Height	Lodging	Powdery Mildew	Leaf Rust	FHB	Awns
Dyna-Gro 9593	17	87.8	57.5-	114	29	0.8	2.2	4.0+	1.0	A
USG 3875	18	87.7	58.0	114	29	1.0	2.7+	3.0+	1.5	A
SH9520	19	87.6	58.4	116+	29	1.2	-0.0	4.0+	1.0	A
USG 3354	20	87.4	57.2-	111-	29	3.3+	-0.0	1.0	1.0	AL
InSPIRE FS 748	21	87.2	59.2	114	29	0.7	1.0	6.0+	1.0	A
SH 7200	22	87.1	59.6+	112-	30	2.5+	1.0	0.5	2.0	A
Dyna-Gro 9231	23	87.1	57.9-	114	30	1.2	1.2	5.5+	1.0	A
AgriMAXX 545	24	87.0	57.2-	114	29	0.3-	1.5	5.5+	2.0	A
HILLIARD	25	87.0	58.9	112-	31	1.8	-0.0	0.5	1.5	A
Dyna-Gro 9422	26	86.9	58.0-	114	30	1.7	2.0	5.5+	1.0	A
InSPIRE FS 766	27	86.8	57.4-	113	29	1.8	4.0+	3.0+	1.0	A
InSPIRE FS 745	28	86.6	58.1	114	28	1.0	1.2	5.5+	1.0	A
Dyna-Gro 9570	29	86.5	59.1	114	30	1.8	1.2	6.0+	1.0	A
MAS 190	30	86.1	57.4-	115	28	0.7	1.0	3.0+	1.0	A
Dyna-Gro 9533	31	85.7	56.5-	115+	28-	1.2	-0.0	5.5+	2.5	AL
AGS 3871	32	85.7	57.2-	117+	29	1.0	1.0	2.0	2.0	A
SH 7222	33	85.3	58.8	114	30	1.2	1.0	0.0-	1.0	A
P26R511	34	84.9	58.2	113	28	0.5-	3.7+	5.5+	1.5	AL
Phoenix 96	35	84.9	58.6	115+	30	1.8	1.2	0.0-	2.5	A
Phoenix 29	36	84.8	58.8	114	29	2.5+	1.0	2.0	2.0	A
AgriMAXX 513	37	84.3	58.3	114	29	1.8	1.2	4.0+	1.5	A
USG 3673	38	84.0	59.0	113	29	2.7+	2.0	-0.0-	1.5	AL
mean		86.2	58.7	114	29	1.4	1.0	1.6	1.9	NA
LSD		4.7	0.7	1	1	0.9	1.5	1.2	1.6	NA
CV		12.1	1.9	1	4	44.5	113.5	38.2	43.0	NA

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A plus or minus sign indicates a performance significantly above or below the test average.
The 0-9 ratings indicate a genotype's response to disease or lodging where 0 = highly resistant and 9 = highly susceptible.
FHB = Fusarium Head Blight Score (0-9)
FDK = Fusarium Diseased Kernels (percent)
DON = Deoxynivalenol concentration in the kernels (ppm)
Awns, A = Awned, TA = Tip-Awned, and AL = Awnless

Line	Rank	Grain Yield	Test Weight	Heading Date	Height	Lodging	Powdery Mildew	Leaf Rust	FHB	Awns
USG 3755	39	83.8	57.9-	114	28	1.8	0.5	5.5+	2.5	AL
SH 5123	40	83.6	58.3	114	29	2.7+	1.7	0.0-	1.5	AL
VT Pane	41	83.5	59.3	116+	31+	1.2	1.0	1.0	4.0+	A
AgriMAXX 516	42	83.4	57.7-	114	29	1.0	1.2	6.0+	1.5	A
CP8081	43	83.4	58.5	114	29	1.2	3.7+	3.0+	1.5	A
Dyna-Gro 9120	44	83.3	60.2+	114	27-	1.2	2.0	3.5+	1.5	A
Dyna-Gro 9393	45	83.2	58.5	115	28	1.2	2.0	2.0	1.5	A
USG 3472	46	83.2	57.9-	114	29	0.8	1.2	6.0+	2.0	A
Dyna-Gro 9172	47	83.2	57.7-	114	29	0.8	1.2	5.5+	1.0	A
Hilliard-NCCIA	48	83.1	58.5	112-	30	1.5	-0.0	1.0	2.5	A
AGS 3026	49	80.8-	59.2	118+	28	1.0	3.2+	0.0-	4.0+	A
KAS 240	50	79.9-	57.7-	114	29	1.2	1.5	6.0+	1.5	A
CP8224	51	79.9-	59.0	114	28	1.7	5.2+	-0.0-	1.0	AL
AGS 4043	52	78.7-	59.3	114	27-	1.2	-0.0	-0.0-	2.5	A
AGS 4714	53	76.9-	60.0+	112-	30	2.7+	-0.0	0.0-	1.5	A
AgriMAXX 543	54	74.4-	58.0-	113	28	1.3	2.5	1.5	1.0	AL
MASSEY	55	70.4-	58.3	113	34+	3.5+	1.0	7.5+	2.0	AL
mean		86.2	58.7	114	29	1.4	1.0	1.6	1.9	NA
LSD		4.7	0.7	1	1	0.9	1.5	1.2	1.6	NA
CV		12.1	1.9	1	4	44.5	113.5	38.2	43.0	NA

A plus or minus sign indicates a performance significantly above or below the test average.
The 0-9 ratings indicate a genotype's response to disease or lodging where 0 = highly resistant and 9 = highly susceptible.
FHB = Fusarium Head Blight Score (0-9)
FDK = Fusarium Diseased Kernels (percent)
DON = Deoxynivalenol concentration in the kernels (ppm)
Awns, A = Awned, TA = Tip-Awned, and AL = Awnless

Table 2: Commerical wheat varieties in the Virginia state soft winter wheat official variety test in Blacksburg, VA in 2026.

Line	Rank	Grain Yield bu/ac	Test Weight lb/bu	Heading Date Julian	Height in
KAS 245	1	119.8+	59.9		31
Dyna-Gro 9743	2	116.6+	59.7	121+	31
AgriMAXX 576	3	116.2+	60.3	119	33
USG 3755	4	113.5+	59.1	118	30
AgriMAXX 545	5	112.7+	58.6	118	32
Dyna-Gro 9751	6	110.3+	59.0	118	32
CP8650	7	110.3+	58.8	118	29
AgriMAXX 575	8	110.1+	58.0-	118	29
AgriMAXX 566	9	110.0+	59.7	118	31
USG 3352	10	107.7+	58.6	118	31
AgriMAXX 564	11	107.6+	60.2	118	34+
USG 3875	12	107.2+	58.8	118	29
SH9520	13	107.1+	58.8	122+	30
AgriMAXX 516	14	106.9+	58.4-	118	31
AgriMAXX 513	15	106.8+	59.2	118	31
Dyna-Gro 9422	16	106.7	59.5	118	30
InSPIRE FS 774	17	106.5	59.9	118	34+
Dyna-Gro 9593	18	106.2	58.9	118	29
USG 3673	19	106.1	60.2	118	31
KAS 240	20	105.2	58.2-		31
Dyna-Gro 9231	21	105.1	59.2	118	32
USG 3447	22	105.0	59.9	119	31
MAS 190	23	104.7	58.2-	120	29
InSPIRE FS 766	24	104.5	57.9-	118	31
Dyna-Gro 9151	25	103.6	60.4+	118	30
AGS 3518	26	103.6	59.8	118	33
Dyna-Gro 9172	27	102.9	58.4-	119	31
Dyna-Gro 9632	28	102.8	58.2-	118	30
USG 3472	29	102.7	58.6	118	32
Dyna-Gro 9393	30	102.6	58.5	119	30
mean		99.0	59.4	118	31
LSD		7.9	0.9	2	3
CV		7.7	1.1	1	4

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A plus or minus sign indicates a performance significantly above or below the test average.
The 0-9 ratings indicate a genotype's response to disease or lodging where 0 = highly resistant and 9 = highly susceptible.
FHB = Fusarium Head Blight Score (0-9)
FDK = Fusarium Diseased Kernels (percent)
DON = Deoxynivalenol concentration in the kernels (ppm)
Awns, A = Awned, TA = Tip-Awned, and AL = Awnless

Line	Rank	Grain Yield	Test Weight	Heading Date	Height
Dyna-Gro 9533	31	102.6	57.4-	119	29
InSPIRE FS 748	32	102.5	60.4+	118	31
InSPIRE FS 745	33	102.3	58.7	118	30
CP8345	34	102.2	59.1	119	31
SH 7222	35	102.1	59.3	118	32
SH 5123	36	101.6	59.9	118	32
Dyna-Gro 9570	37	101.5	60.5+	118	32
Phoenix 29	38	100.8	60.1	119	31
HILLIARD	39	100.5	58.9	118	33
Dyna-Gro 9120	40	99.9	60.5+	118	30
CP8224	41	98.9	60.4+	118	29
USG 3354	42	97.6	58.6	117	30
VT Pane	43	97.5	61.4+	124+	34+
Hilliard-NCCIA	44	97.1	58.6	117	32
VT Pitman	45	95.5	60.6+	118	29
CP8081	46	94.0	59.0	118	31
AGS 3871	47	92.9	57.4-	122+	29
Phoenix 96	48	91.2	59.7	121+	31
AGS 3026	49	90.4-	59.5	124+	30
AGS 4043	50	89.6-	60.3+	118	28-
SH 7200	51	87.6-	59.4	117	31
AgriMAXX 543	52	82.8-	57.9-	118	29
AGS 4714	53	78.5-	61.0+	117	33
MASSEY	54	69.0-	57.9-	117	36+
mean		99.0	59.4	118	31
LSD		7.9	0.9	2	3
CV		7.7	1.1	1	4

A plus or minus sign indicates a performance significantly above or below the test average.
The 0-9 ratings indicate a genotype's response to disease or lodging where 0 = highly resistant and 9 = highly susceptible.
FHB = Fusarium Head Blight Score (0-9)
FDK = Fusarium Diseased Kernels (percent)
DON = Deoxynivalenol concentration in the kernels (ppm)
Awns, A = Awned, TA = Tip-Awned, and AL = Awnless

Table 3: Commerical wheat varieties in the Virginia state soft winter wheat official variety test in Blackstone, VA in 2026. Blackstone experienced severe freeze damage, and was NOT included in the state average. Lines missing yield data were below the threshold for reporting. Lines without test weight did not have sufficient grain to get an accurate test weight measurement.

Line	Rank	Grain Yield bu/ac	Test Weight lb/bu
AGS 3518	1	58.7+	56.0
Dyna-Gro 9751	2	56.2+	55.3
AgriMAXX 564	3	55.7+	55.3
InSPIRE FS 774	4	54.8	55.2
USG 3447	5	52.5	55.1
MAS 190	6	51.2	54.1
Dyna-Gro 9120	7	50.4	54.9
AgriMAXX 516	8	49.3	54.2
AGS 4714	9	49.3	58.6+
CP8345	10	49.0	56.8
VT Pitman	11	48.7	
AgriMAXX 566	12	48.5	
Dyna-Gro 9570	13	48.3	55.9
USG 3875	14	48.1	
Dyna-Gro 9151	15	47.8	57.1
Dyna-Gro 9393	16	47.7	
AgriMAXX 513	17	47.3	
CP8081	18	47.3	55.1
VT Pane	19	47.2	55.9
Dyna-Gro 9593	20	47.1	55.5
Hilliard-NCCIA	21	46.8	
Dyna-Gro 9422	22	46.4	53.6-
SH 7200	23	46.3	
HILLIARD	24	46.0	
KAS 245	25	45.9	55.8
InSPIRE FS 745	26	44.6	
Phoenix 29	27	44.5	55.0
mean		47.0	55.6
LSD		8.2	1.8
CV		14.1	1.5

continued . . .

A plus or minus sign indicates a performance significantly above or below the test average.
The 0-9 ratings indicate a genotype's response to disease or lodging where 0 = highly resistant and 9 = highly susceptible.
FHB = Fusarium Head Blight Score (0-9)
FDK = Fusarium Diseased Kernels (percent)
DON = Deoxynivalenol concentration in the kernels (ppm)
Awns, A = Awned, TA = Tip-Awned, and AL = Awnless

Line	Rank	Grain Yield	Test Weight
Phoenix 96	28	44.4	
Dyna-Gro 9231	29	43.6	
AGS 3026	30	42.9	
USG 3472	31	42.6	55.4
AgriMAXX 576	32	42.2	55.6
SH 7222	33	41.6	
AGS 4043	34	41.5	
MASSEY	35	41.5	
Dyna-Gro 9172	36	41.5	
Dyna-Gro 9743	37	41.4	
USG 3352	38	40.9	
KAS 240	39	40.6	
CP8650	40	40.1	
InSPIRE FS 748	41	39.4	
Dyna-Gro 9632	42	38.8	
AgriMAXX 575	43	38.4-	
SH9520	44	38.3-	
InSPIRE FS 766	45	36.8-	
AGS 3871	46	35.6-	
AgriMAXX 545	47	33.5-	
CP8224	48		
Dyna-Gro 9533	49		
AgriMAXX 543	50		
USG 3354	51		
USG 3755	52		
USG 3673	53		
P26R511	54		
SH 5123	55		
mean		47.0	55.6
LSD		8.2	1.8
CV		14.1	1.5

A plus or minus sign indicates a performance significantly above or below the test average.
The 0-9 ratings indicate a genotype's response to disease or lodging where 0 = highly resistant and 9 = highly susceptible.
FHB = Fusarium Head Blight Score (0-9)
FDK = Fusarium Diseased Kernels (percent)
DON = Deoxynivalenol concentration in the kernels (ppm)
Awns, A = Awned, TA = Tip-Awned, and AL = Awnless

Table 4: Commerical wheat varieties in the Virginia state soft winter wheat official variety test in Holland, VA in 2026. Holland experienced some deer damage to awnless varieties, but was kept in the state average. No estimate was produced for lines with significant deer damage.

Line	Rank	Grain Yield bu/ac	Test Weight lb/bu
KAS 245	1	122.0+	59.0
AgriMAXX 576	2	117.4+	59.5
Dyna-Gro 9751	3	117.1+	59.5
USG 3447	4	116.3+	60.1
AgriMAXX 575	5	114.3+	58.3-
InSPIRE FS 745	6	113.2+	58.2-
CP8650	7	113.0+	58.0-
Dyna-Gro 9151	8	111.3	59.9
VT Pitman	9	110.9	60.1
InSPIRE FS 774	10	110.3	59.8
AgriMAXX 516	11	110.3	58.6
Dyna-Gro 9172	12	110.1	57.5-
Dyna-Gro 9632	13	109.8	58.6
AGS 3518	14	109.7	59.3
MAS 190	15	109.7	58.9
Dyna-Gro 9743	16	109.4	58.8
USG 3352	17	109.3	59.0
SH9520	18	108.3	59.6
USG 3875	19	107.7	58.4-
Dyna-Gro 9120	20	107.7	60.5+
AgriMAXX 566	21	107.3	59.4
InSPIRE FS 766	22	106.4	58.4-
Dyna-Gro 9422	23	106.3	58.7
SH 7222	24	105.7	59.7
USG 3472	25	105.7	58.0-
AGS 3871	26	105.4	58.9
Dyna-Gro 9231	27	105.0	58.6
KAS 240	28	104.4	58.8
mean		102.1	59.4
LSD		10.0	1.0
CV		9.2	1.2

continued . . .

A plus or minus sign indicates a performance significantly above or below the test average.
The 0-9 ratings indicate a genotype's response to disease or lodging where 0 = highly resistant and 9 = highly susceptible.
FHB = Fusarium Head Blight Score (0-9)
FDK = Fusarium Diseased Kernels (percent)
DON = Deoxynivalenol concentration in the kernels (ppm)
Awns, A = Awned, TA = Tip-Awned, and AL = Awnless

Line	Rank	Grain Yield	Test Weight
Dyna-Gro 9570	29	104.1	60.0
Dyna-Gro 9393	30	103.9	59.1
AGS 3026	31	103.3	59.9
AgriMAXX 564	32	103.2	59.5
Dyna-Gro 9593	33	103.0	57.9-
CP8345	34	103.0	60.2
HILLIARD	35	101.7	58.9
Phoenix 96	36	101.5	59.1
AgriMAXX 513	37	101.2	58.8
Hilliard-NCCIA	38	101.1	59.4
SH 7200	39	100.7	59.7
Phoenix 29	40	100.3	59.8
InSPIRE FS 748	41	99.7	59.8
AgriMAXX 545	42	98.5	57.8-
CP8081	43	97.4	58.2-
VT Pane	44	95.8	59.7
AGS 4714	45	93.6	60.9+
AGS 4043	46	93.6	59.6
MASSEY	47	71.4-	58.6
SH 5123	48	52.9-	60.1
USG 3673	49	52.5-	60.1
CP8224	50		
Dyna-Gro 9533	51		
AgriMAXX 543	52		
USG 3354	53		
USG 3755	54		
P26R511	55		
mean		102.1	59.4
LSD		10.0	1.0
CV		9.2	1.2

A plus or minus sign indicates a performance significantly above or below the test average.
The 0-9 ratings indicate a genotype's response to disease or lodging where 0 = highly resistant and 9 = highly susceptible.
FHB = Fusarium Head Blight Score (0-9)
FDK = Fusarium Diseased Kernels (percent)
DON = Deoxynivalenol concentration in the kernels (ppm)
Awns, A = Awned, TA = Tip-Awned, and AL = Awnless

Table 5: Commerical wheat varieties in the Virginia state soft winter wheat official variety test in Orange, VA in 2026.

Line	Rank	Grain Yield bu/ac	Test Weight lb/bu
Dyna-Gro 9570	1	85.0+	56.2
KAS 245	2	82.2+	55.8
AgriMAXX 575	3	81.0+	55.8
AgriMAXX 564	4	79.3	56.8
Hilliard-NCCIA	5	78.4	56.7
Dyna-Gro 9593	6	78.1	53.6-
AGS 3518	7	77.5	56.8
Dyna-Gro 9151	8	77.4	57.0
CP8345	9	76.5	56.9
InSPIRE FS 745	10	76.2	54.8-
InSPIRE FS 766	11	76.1	54.4-
USG 3447	12	75.6	56.4
Dyna-Gro 9743	13	75.5	54.8-
Dyna-Gro 9632	14	75.4	54.0-
Dyna-Gro 9751	15	75.2	55.5
AgriMAXX 576	16	75.2	55.3
USG 3352	17	74.7	54.7-
SH 7200	18	74.6	56.9
AgriMAXX 545	19	74.3	54.3-
Phoenix 29	20	74.1	55.2
InSPIRE FS 774	21	73.7	57.0
InSPIRE FS 748	22	73.4	56.5
SH9520	23	72.6	55.1
AGS 3026	24	72.5	58.1+
USG 3875	25	72.0	53.4-
VT Pitman	26	71.7	56.0
USG 3472	27	71.5	55.4
CP8650	28	71.2	55.0
Phoenix 96	29	71.0	55.9
Dyna-Gro 9533	30	70.7	54.0-
mean		70.3	56.0
LSD		10.0	1.1
CV		13.9	1.3

continued . . .

A plus or minus sign indicates a performance significantly above or below the test average.
The 0-9 ratings indicate a genotype's response to disease or lodging where 0 = highly resistant and 9 = highly susceptible.
FHB = Fusarium Head Blight Score (0-9)
FDK = Fusarium Diseased Kernels (percent)
DON = Deoxynivalenol concentration in the kernels (ppm)
Awns, A = Awned, TA = Tip-Awned, and AL = Awnless

Line	Rank	Grain Yield	Test Weight
Dyna-Gro 9422	31	70.1	54.3-
Dyna-Gro 9231	32	69.4	55.7
MASSEY	33	69.4	56.6
AgriMAXX 566	34	69.3	55.2
AGS 3871	35	69.2	54.6-
Dyna-Gro 9172	36	69.1	54.8-
CP8081	37	68.9	56.1
VT Pane	38	68.8	57.0
HILLIARD	39	68.8	56.0
SH 7222	40	68.1	56.1
USG 3354	41	67.1	54.3-
MAS 190	42	67.1	56.3
USG 3673	43	66.2	56.4
Dyna-Gro 9120	44	65.9	56.7
AgriMAXX 516	45	65.0	54.6-
KAS 240	46	64.6	54.7-
AGS 4043	47	64.3	56.8
AgriMAXX 513	48	64.2	55.5
SH 5123	49	62.9	56.0
Dyna-Gro 9393	50	62.1	55.4
AGS 4714	51	57.3-	57.4+
CP8224	52	56.9-	56.1
AgriMAXX 543	53	48.4-	55.3
USG 3755	54	42.8-	55.0
P26R511	55		
mean		70.3	56.0
LSD		10.0	1.1
CV		13.9	1.3

A plus or minus sign indicates a performance significantly above or below the test average.
The 0-9 ratings indicate a genotype's response to disease or lodging where 0 = highly resistant and 9 = highly susceptible.
FHB = Fusarium Head Blight Score (0-9)
FDK = Fusarium Diseased Kernels (percent)
DON = Deoxynivalenol concentration in the kernels (ppm)
Awns, A = Awned, TA = Tip-Awned, and AL = Awnless

Table 6: Commerical wheat varieties in the Virginia state soft winter wheat official variety test in Painter, VA in 2026.

Line	Rank	Grain Yield bu/ac	Test Weight lb/bu	Powdery Mildew 0-9	Leaf Rust 0-9
USG 3673	1	80.1	58.9	2.0	-0.0-
SH 7200	2	79.7	60.2+	-0.0	0.5
USG 3447	3	78.4	60.1+	2.0	0.0-
InSPIRE FS 774	4	78.1	60.0+	-0.0	3.0+
VT Pitman	5	77.3	58.9	0.0	0.0-
AgriMAXX 564	6	76.6	59.6	-0.0	-0.0-
HILLIARD	7	76.5	58.9	-0.0	0.5
KAS 245	8	75.6	58.4	-0.0	1.0
SH 5123	9	74.7	58.6	0.0	-0.0-
AgriMAXX 576	10	74.0	57.9	0.0	3.0+
AgriMAXX 575	11	73.9	57.9	4.0+	2.5
Phoenix 96	12	73.7	57.7	1.5	-0.0-
VT Pane	13	73.5	59.0	-0.0	1.0
Phoenix 29	14	72.2	57.8	-0.0	2.0
AGS 3518	15	71.6	58.5	0.0	1.0
CP8345	16	71.6	58.8	-0.0	4.5+
CP8081	17	71.0	58.4	2.0	3.0+
USG 3354	18	71.0	57.8	0.0	1.0
AGS 3871	19	69.7	57.3-	0.0	2.0
Dyna-Gro 9632	20	69.4	57.0-	-0.0	3.5+
InSPIRE FS 748	21	68.8	58.5	0.0	6.0+
MAS 190	22	68.5	57.0-	0.0	3.0+
AgriMAXX 566	23	68.4	58.2	0.0	5.5+
USG 3352	24	67.6	58.0	2.0	5.5+
Hilliard-NCCIA	25	67.2	58.3	-0.0	1.0
Dyna-Gro 9151	26	67.0	59.4	1.5	6.0+
AGS 4714	27	66.7	59.7+	-0.0	0.0-
InSPIRE FS 766	28	66.7	57.0-	4.0+	3.0+
SH9520	29	66.7	58.4	-0.0	4.0+
AgriMAXX 545	30	65.8	56.1-	-0.0	5.5+
mean		70.5	58.5	0.5	1.6
LSD		10.0	1.1	2.2	1.2
CV		15.9	1.3	213.2	38.2

continued . . .

A plus or minus sign indicates a performance significantly above or below the test average.
The 0-9 ratings indicate a genotype's response to disease or lodging where 0 = highly resistant and 9 = highly susceptible.
FHB = Fusarium Head Blight Score (0-9)
FDK = Fusarium Diseased Kernels (percent)
DON = Deoxynivalenol concentration in the kernels (ppm)
Awns, A = Awned, TA = Tip-Awned, and AL = Awnless

Line	Rank	Grain Yield	Test Weight	Powdery Mildew	Leaf Rust
CP8650	31	65.1	57.2-	2.0	5.0+
USG 3875	32	65.1	57.7	2.0	3.0+
Dyna-Gro 9743	33	64.5	57.7	-0.0	4.0+
Dyna-Gro 9593	34	64.5	57.4	1.5	4.0+
Dyna-Gro 9422	35	64.4	56.8-	-0.0	5.5+
Dyna-Gro 9751	36	64.3	57.6	-0.0	5.0+
Dyna-Gro 9231	37	63.7	56.9-	-0.0	5.5+
Dyna-Gro 9393	38	63.7	58.3	2.0	2.0
AgriMAXX 513	39	63.1	58.5	0.0	4.0+
AGS 4043	40	62.0	59.5	0.0	0.0-
Dyna-Gro 9533	41	61.8	53.6-	0.0	5.5+
SH 7222	42	61.8	59.9+	-0.0	0.0-
USG 3755	43	61.7	56.6-	0.0	5.5+
InSPIRE FS 745	44	59.0-	56.1-	-0.0	5.5+
Dyna-Gro 9570	45	58.7-	59.0	-0.0	6.0+
Dyna-Gro 9120	46	58.5-	58.9	2.0	3.5+
P26R511	47	58.5-	57.6	4.5+	5.5+
AGS 3026	48	58.4-	60.0+	2.0	0.0-
MASSEY	49	58.1-	58.4	-0.0	7.5+
Dyna-Gro 9172	50	57.8-	55.5-	-0.0	5.5+
USG 3472	51	57.3-	57.0-	0.0	6.0+
AgriMAXX 516	52	57.2-	56.6-	0.0	6.0+
AgriMAXX 543	53	55.5-	57.9	2.0	1.5
CP8224	54	50.9-		5.5+	0.0-
KAS 240	55	49.5-	56.2-	0.0	6.0+
mean		70.5	58.5	0.5	1.6
LSD		10.0	1.1	2.2	1.2
CV		15.9	1.3	213.2	38.2

A plus or minus sign indicates a performance significantly above or below the test average.
The 0-9 ratings indicate a genotype's response to disease or lodging where 0 = highly resistant and 9 = highly susceptible.
FHB = Fusarium Head Blight Score (0-9)
FDK = Fusarium Diseased Kernels (percent)
DON = Deoxynivalenol concentration in the kernels (ppm)
Awns, A = Awned, TA = Tip-Awned, and AL = Awnless

Table 7: Commerical wheat varieties in the Virginia state soft winter wheat official variety test in Shenandoah Valley, VA in 2026.

Line	Rank	Grain Yield bu/ac	Test Weight lb/bu
AGS 3518	1	113.0+	59.4
CP8650	2	112.3+	58.7
VT Pitman	3	109.9+	59.9
Dyna-Gro 9632	4	109.2+	58.3
Dyna-Gro 9743	5	107.9+	59.0
AgriMAXX 576	6	107.1+	60.1
Dyna-Gro 9751	7	106.4	60.7+
InSPIRE FS 766	8	105.3	58.4
HILLIARD	9	105.0	58.8
AGS 3871	10	104.0	57.6
AgriMAXX 545	11	103.3	58.3
KAS 245	12	102.8	59.8
SH9520	13	102.7	58.5
USG 3875	14	102.7	59.1
AgriMAXX 575	15	101.8	58.4
InSPIRE FS 774	16	101.5	60.3+
AgriMAXX 566	17	100.8	59.3
MAS 190	18	100.4	58.2
USG 3447	19	100.3	58.9
Dyna-Gro 9570	20	99.5	58.4
Dyna-Gro 9593	21	99.5	58.2
AGS 3026	22	99.4	60.6+
Dyna-Gro 9120	23	99.2	60.8+
Dyna-Gro 9151	24	98.6	58.9
Dyna-Gro 9172	25	98.0	58.9
Dyna-Gro 9422	26	97.6	58.7
AgriMAXX 516	27	97.5	58.6
CP8345	28	97.3	60.0
SH 7222	29	97.0	59.2
InSPIRE FS 748	30	96.9	59.2
mean		95.0	58.8
LSD		12.0	1.4
CV		12.0	1.7

continued . . .

A plus or minus sign indicates a performance significantly above or below the test average.
The 0-9 ratings indicate a genotype's response to disease or lodging where 0 = highly resistant and 9 = highly susceptible.
FHB = Fusarium Head Blight Score (0-9)
FDK = Fusarium Diseased Kernels (percent)
DON = Deoxynivalenol concentration in the kernels (ppm)
Awns, A = Awned, TA = Tip-Awned, and AL = Awnless

Line	Rank	Grain Yield	Test Weight
InSPIRE FS 745	31	96.6	58.8
AgriMAXX 513	32	95.9	58.0
Phoenix 96	33	95.5	59.7
USG 3352	34	95.4	57.9
USG 3472	35	95.1	58.4
KAS 240	36	94.7	58.1
Dyna-Gro 9393	37	94.4	59.0
AgriMAXX 564	38	93.9	58.5
AGS 4043	39	93.3	59.6
SH 7200	40	93.0	60.1
USG 3354	41	92.1	55.8-
USG 3673	42	91.9	58.5
SH 5123	43	91.8	58.0
VT Pane	44	90.5	58.8
Phoenix 29	45	90.2	59.3
Hilliard-NCCIA	46	89.4	57.1-
CP8081	47	89.3	58.5
Dyna-Gro 9231	48	87.2	57.7
CP8224	49	83.0-	58.6
USG 3755	50	81.8-	59.0
AGS 4714	51	78.7-	60.4+
MASSEY	52	78.3-	58.7
Dyna-Gro 9533	53	77.0-	57.4-
AgriMAXX 543	54	75.9-	56.4-
P26R511	55		
mean		95.0	58.8
LSD		12.0	1.4
CV		12.0	1.7

A plus or minus sign indicates a performance significantly above or below the test average.
The 0-9 ratings indicate a genotype's response to disease or lodging where 0 = highly resistant and 9 = highly susceptible.
FHB = Fusarium Head Blight Score (0-9)
FDK = Fusarium Diseased Kernels (percent)
DON = Deoxynivalenol concentration in the kernels (ppm)
Awns, A = Awned, TA = Tip-Awned, and AL = Awnless

Table 8: Commerical wheat varieties in the Virginia state soft winter wheat official variety test in Warsaw, VA in 2026.

Line	Rank	Grain Yield bu/ac	Test Weight lb/bu	Heading Date Julian	Height in	Lodging 0-9	Awns A-TA-AL
Dyna-Gro 9751	1	84.5+	59.7	111	29	1.0	A
AgriMAXX 576	2	83.7	60.9	112+	27	1.0	A
AgriMAXX 564	3	83.1	61.8	108-	29+	1.2	A
USG 3352	4	83.0	59.4	112+	27	1.5	A
USG 3354	5	82.4	59.1	107-	28	3.3+	AL
Dyna-Gro 9231	6	82.2	59.3	110	28	1.2	A
CP8345	7	82.1	57.2-	111	28	1.0	A
SH 5123	8	81.9	58.0-	111	26	2.8+	AL
SH 7200	9	81.8	61.4	107-	29	2.5+	A
KAS 245	10	81.7	59.3	112+	27	1.0	A
P26R511	11	81.6	60.0	109	27	0.5-	AL
AGS 3518	12	80.8	60.5	107-	28	1.0	A
USG 3755	13	80.7	59.2	111	27	1.8	AL
AgriMAXX 566	14	80.7	61.8	111	28	0.7	A
Dyna-Gro 9533	15	80.5	58.2	111	26	1.2	AL
CP8224	16	80.4	60.5	111	27	1.8	AL
USG 3673	17	80.4	60.1	110	27	2.8+	AL
Dyna-Gro 9151	18	80.1	60.8	111	28	1.5	A
InSPIRE FS 774	19	79.4	62.7+	107-	28	1.2	A
USG 3447	20	79.3	59.5	108-	29	1.5	A
Phoenix 29	21	79.3	60.4	111	28	2.5+	A
Dyna-Gro 9632	22	78.9	59.5	111	28	1.8	A
Phoenix 96	23	78.0	59.2	112+	29	1.8	A
InSPIRE FS 745	24	78.0	61.3	111	27	1.0	A
CP8650	25	77.7	58.4	111	27	0.5-	A
Dyna-Gro 9593	26	77.7	59.2	111	28	0.8	A
Hilliard-NCCIA	27	77.6	62.2+	108-	29	1.5	A
Dyna-Gro 9743	28	77.3	59.7	111	26	1.0	A
VT Pitman	29	77.2	61.3	107-	27	1.5	A
AgriMAXX 575	30	77.1	58.2	110	27	0.5-	A
mean		78.1	60.1	110	28	1.4	NA
LSD		5.6	2.0	1	2	0.9	NA
CV		7.2	2.3	1	4	44.5	NA

continued . . .

A plus or minus sign indicates a performance significantly above or below the test average.
The 0-9 ratings indicate a genotype's response to disease or lodging where 0 = highly resistant and 9 = highly susceptible.
FHB = Fusarium Head Blight Score (0-9)
FDK = Fusarium Diseased Kernels (percent)
DON = Deoxynivalenol concentration in the kernels (ppm)
Awns, A = Awned, TA = Tip-Awned, and AL = Awnless

Line	Rank	Grain Yield	Test Weight	Heading Date	Height	Lodging	Awns
SH9520	31	76.9	59.9	112+	28	1.2	A
InSPIRE FS 748	32	76.9	61.0	111	27	0.7	A
InSPIRE FS 766	33	76.7	58.0-	110	28	1.8	A
SH 7222	34	76.6	58.2	111	28	1.2	A
AGS 3871	35	76.5	57.5-	114+	28	1.0	A
Dyna-Gro 9120	36	76.4	63.1+	111	26-	1.2	A
HILLIARD	37	76.4	61.8	108-	29	1.7	A
USG 3875	38	75.8	60.2	111	28	1.0	A
Dyna-Gro 9422	39	75.8	59.5	112+	29	1.7	A
Dyna-Gro 9570	40	75.7	60.4	111	28	1.8	A
MAS 190	41	75.3	56.2-	112+	27	0.7	A
CP8081	42	75.0	60.8	110	27	1.3	A
AgriMAXX 543	43	74.6	62.2+	109	27	1.3	AL
USG 3472	44	74.5	59.6	111	27	0.8	A
AgriMAXX 513	45	74.1	59.6	111	28	1.7	A
Dyna-Gro 9393	46	73.7	60.5	111	27	1.2	A
VT Pane	47	73.6	59.6	112+	29+	1.2	A
AgriMAXX 516	48	73.1	59.1	111	28	1.0	A
AgriMAXX 545	49	73.0	58.3	112+	26	0.2-	A
AGS 3026	50	72.9	57.4-	113+	27	1.0	A
AGS 4714	51	71.8-	60.7	107-	29	2.8+	A
Dyna-Gro 9172	52	71.5-	59.8	111	27	0.8	A
KAS 240	53	71.0-	59.5	111	27	1.2	A
AGS 4043	54	70.7-	60.0	110	26	1.3	A
MASSEY	55	62.0-	59.6	110	32+	3.5+	AL
mean		78.1	60.1	110	28	1.4	NA
LSD		5.6	2.0	1	2	0.9	NA
CV		7.2	2.3	1	4	44.5	NA

A plus or minus sign indicates a performance significantly above or below the test average.
The 0-9 ratings indicate a genotype's response to disease or lodging where 0 = highly resistant and 9 = highly susceptible.
FHB = Fusarium Head Blight Score (0-9)
FDK = Fusarium Diseased Kernels (percent)
DON = Deoxynivalenol concentration in the kernels (ppm)
Awns, A = Awned, TA = Tip-Awned, and AL = Awnless

Winter Barley in 2026

The 2026 growing season was even more challenging for winter barley than for winter wheat, largely because the barley is significantly earlier. Some fields saw almost complete loss of grain due to frost. Others experienced significant kill of primary tillers, resulting in late season development of additional tillers that were very late to mature. The drought also had a disproportionately higher impact on barley than the wheat, as precipitation came in too late for the barley but in time to help finish grain fill for the wheat.

Table 9: Commerical wheat varieties in the NULL

Line	Rank	Grain Yield bu/ac (4)	Test Weight lb/bu (4)	Heading Date Julian (2)	Height in (2)	Lodging 0-9 (2)	FHBPlant Response 0-9 (1)	Head Type
KWS Futuris	1	120.5+	53.5+	116+	30	0.4	2.0	6RLX
HIRONDELLA	2	111.8+	52.0	117+	30	0.4	2.5	6RLX
MAROUETTA	3	109.3+	52.7	114+	31	1.1	3.5+	6RLX
KWS 1219	4	107.6+	52.3	112	28-	0.8	3.5+	6RLX
FULLER	5	104.0+	52.5	115+	29	1.3	2.5	2R
THOROUGHBRED	6	98.4	53.4	113+	29	1.4	2.5	6RLA
CALYPSO	7	97.8	50.6	116+	30	0.8	1.5	2R
FLAVIA	8	87.2	51.1	116+	25-	1.1	1.5	2R
VIOLETTA	9	85.9	51.1	113+	28-	0.6	1.0	2R
SB255	10	84.5	52.1	108-	33+	0.4	1.0	6RLA
AVALON	11	80.0	53.1	114+	31	1.6	1.0	2R
BARSOY	12	74.6-	49.9-	106-	31	2.1+	1.5	6RLA
WYSOR	13	74.3-	51.0	108-	32	0.4	1.5	
NOMINI	14	74.0-	50.9	105-	31	0.1	1.5	
SECRETARIAT	15	73.1-	50.5	106-	25-	0.1	4.5+	6RLA
VA92-42-46	16	68.6-	50.7	109	35+	2.6+	2.0	
GREG	17	64.6-	62.3+	116+	33+	2.1+	1.0	2R

VT_BEAHM	18	57.8-	49.9-	106-	31	0.1	1.0	
mean		90.0	51.9	111	30	0.7	2.0	NA
LSD		11.4	1.5	2	2	1.3	1.3	NA
CV		17.8	3.6	1	6	179.0	31.9	NA

A plus or minus sign indicates a performance significantly above or below the test average.
The 0-9 ratings indicate a genotype's response to disease or lodging where 0 = highly resistant and 9 = highly susceptible.
FHB = Fusarium Head Blight Score (0-9)
FDK = Fusarium Diseased Kernels (percent)
DON = Deoxynivalenol concentration in the kernels (ppm)
Awns, A = Awned, TA = Tip-Awned, and AL = Awnless

Table 10: Commerical wheat varieties in the NULL

Line	Rank	Grain Yield bu/ac	Test Weight lb/bu	Heading Date Julian	Height in	Lodging 0-9	Head Type
KWS Futuris	1	161.2+	50.6	120+	34	0.0	6RLX
HIRONDELLA	2	153.2+	48.0	120+	33	1.0	6RLX
CALYPSO	3	137.2+	48.1	119+	33	1.5	2R
KWS 1219	4	137.1+	49.7	116+	32	1.5	6RLX
FULLER	5	130.7+	49.6	119+	33	3.5+	2R
THOROUGHBRED	6	130.6+	50.6+	116+	35	4.0+	6RLA
MAROUETTA	7	129.3+	50.2	118+	34	0.5	6RLX
VIOLETTA	8	128.7+	50.0	117+	32	1.0	2R
FLAVIA	9	118.9+	47.7	118+	29-	3.0+	2R
AVALON	10	98.8	49.5	118+	32	4.5+	2R
SB255	11	85.3-	48.3	111-	38+	0.0	6RLA
NOMINI	12	81.1-	46.0-	109-	34	0.0	
WYSOR	13	78.4-	45.0-	111-	35	0.0	
SECRETARIAT	14	75.8-		108-	29-	-0.0	6RLA
BARSOY	15	74.4-		109-	33	-0.0	6RLA
GREG	16	73.8-	57.4+	119+	34	6.0+	2R
VT_BEAHM	17	61.8-	44.8-	109-	32	0.0	
VA92-42-46	18	60.9-	42.5-	112	34	-0.0	
mean		105.8	48.6	114	33	0.8	NA
LSD		12.0	2.0	2	3	1.0	NA
CV		8.0	2.6	1	5	63.3	NA

A plus or minus sign indicates a performance significantly above or below the test average.
The 0-9 ratings indicate a genotype's response to disease or lodging where 0 = highly resistant and 9 = highly susceptible.
FHB = Fusarium Head Blight Score (0-9)
FDK = Fusarium Diseased Kernels (percent)
DON = Deoxynivalenol concentration in the kernels (ppm)
Awns, A = Awned, TA = Tip-Awned, and AL = Awnless

Table 11: Commerical wheat varieties in the NULL

Line	Rank	Grain Yield bu/ac	Test Weight lb/bu
KWS Futuris	1	52.6	
FULLER	2	51.7	70.9
MAROUETTA	3	51.3	68.5
KWS 1219	4	47.4	
SB255	5	46.1	
HIRONDELLA	6	45.9	
SECRETARIAT	7	45.1	
NOMINI	8	44.3	
FLAVIA	9	44.2	
AVALON	10	44.1	
CALYPSO	11	42.0	
THOROUGHBRED	12	42.0	
VIOLETTA	13	41.6	
BARSOY	14	40.1	
GREG	15	38.3	
VA92-42-46	16		
VT_BEAHM	17		
WYSOR	18		
mean		45.6	64.1
LSD		8.1	18.8
CV		12.5	1.8

A plus or minus sign indicates a performance significantly above or below the test average.
The 0-9 ratings indicate a genotype's response to disease or lodging where 0 = highly resistant and 9 = highly susceptible.
FHB = Fusarium Head Blight Score (0-9)
FDK = Fusarium Diseased Kernels (percent)
DON = Deoxynivalenol concentration in the kernels (ppm)
Awns, A = Awned, TA = Tip-Awned, and AL = Awnless

Table 12: Commerical wheat varieties in the NULL

Line	Rank	Grain Yield bu/ac	Test Weight lb/bu
KWS Futuris	1	112.8+	55.6
HIRONDELLA	2	105.2+	54.8
MAROUETTA	3	102.0	55.7
FULLER	4	94.7	56.9+
CALYPSO	5	84.4	54.9
KWS 1219	6	83.5	54.8
THOROUGHBRED	7	83.1	56.1
FLAVIA	8	82.5	54.3
SB255	9	79.6	54.6
AVALON	10	73.5	56.7+
VIOLETTA	11	70.0	54.5
BARSOY	12	63.9-	50.7-
SECRETARIAT	13	61.1-	
GREG	14	55.3-	
NOMINI	15		
VA92-42-46	16		
VT_BEAHM	17		
WYSOR	18		
mean		85.6	54.7
LSD		17.3	1.5
CV		14.5	1.8

A plus or minus sign indicates a performance significantly above or below the test average.
The 0-9 ratings indicate a genotype's response to disease or lodging where 0 = highly resistant and 9 = highly susceptible.
FHB = Fusarium Head Blight Score (0-9)
FDK = Fusarium Diseased Kernels (percent)
DON = Deoxynivalenol concentration in the kernels (ppm)
Awns, A = Awned, TA = Tip-Awned, and AL = Awnless

Table 13: Commerical wheat varieties in the NULL

Line	Rank	Grain Yield bu/ac	Test Weight lb/bu
SB255	1	49.4	51.7
BARSOY	2	39.2	
SECRETARIAT	3	38.4	
THOROUGHBRED	4	38.1	
FLAVIA	5	35.1	
AVALON	6	34.8	
VT_BEAHM	7	34.6	
KWS Futuris	8	25.6-	
GREG	9	25.5-	
VIOLETTA	10	23.4-	
FULLER	11	23.0-	
WYSOR	12	20.4-	
KWS 1219	13	17.7-	
CALYPSO	14		
HIRONDELLA	15		
MAROUETTA	16		
NOMINI	17		
VA92-42-46	18		
mean		37.9	49.7
LSD		12.0	14.6
CV		19.1	1.9

A plus or minus sign indicates a performance significantly above or below the test average.
The 0-9 ratings indicate a genotype's response to disease or lodging where 0 = highly resistant and 9 = highly susceptible.
FHB = Fusarium Head Blight Score (0-9)
FDK = Fusarium Diseased Kernels (percent)
DON = Deoxynivalenol concentration in the kernels (ppm)
Awns, A = Awned, TA = Tip-Awned, and AL = Awnless

Table 14: Commerical wheat varieties in the NULL

Line	Rank	Grain Yield bu/ac	Test Weight lb/bu
MAROUETTA	1	83.9	56.2
KWS Futuris	2	83.5	57.1
KWS 1219	3	82.0	56.2
FULLER	4	79.6	56.4
SB255	5	79.2	58.3
HIRONDELLA	6	76.3	55.9
THOROUGHBRED	7	76.2	58.1
CALYPSO	8	73.8	53.4-
BARSOY	9	68.9	56.8
AVALON	10	67.9	58.2
SECRETARIAT	11	66.3	56.6
VIOLETTA	12	66.2	56.2
FLAVIA	13	64.5	55.6
GREG	14	49.4-	
WYSOR	15	37.1-	
NOMINI	16	37.0-	
VA92-42-46	17		
VT_BEAHM	18		
mean		73.8	56.9
LSD		16.0	1.5
CV		15.2	1.8

A plus or minus sign indicates a performance significantly above or below the test average.
The 0-9 ratings indicate a genotype's response to disease or lodging where 0 = highly resistant and 9 = highly susceptible.
FHB = Fusarium Head Blight Score (0-9)
FDK = Fusarium Diseased Kernels (percent)
DON = Deoxynivalenol concentration in the kernels (ppm)
Awns, A = Awned, TA = Tip-Awned, and AL = Awnless

Table 15: Commerical wheat varieties in the NULL

Line	Rank	Grain Yield bu/ac	Test Weight lb/bu	Height in	Lodging 0-9
KWS 1219	1	131.3+	48.8	24-	0.2
KWS Futuris	2	124.5+	50.5+	27	0.5
MAROUETTA	3	122.0+	50.2+	28	1.3
HIRONDELLA	4	112.4+	48.8	26	-0.0
FULLER	5	110.9+	46.1	25	-0.0
THOROUGHBRED	6	103.6	48.4	25	-0.0
VA92-42-46	7	99.0	49.2+	34+	3.8+
WYSOR	8	97.9	48.6	28	0.5
CALYPSO	9	95.6	45.9	26	0.2
NOMINI	10	94.4	47.4	28	0.0
SB255	11	93.8	47.0	29+	0.5
BARSOY	12	91.4	45.2	28	3.0+
SECRETARIAT	13	89.3	45.0	22-	-0.0
FLAVIA	14	82.9-	46.5	22-	0.0
GREG	15	79.9-	58.1+	31+	-0.0
AVALON	16	79.9-	48.1	28	-0.0
VIOLETTA	17	78.8-	43.7-	24-	0.3
VT_BEAHM	18	76.5-	46.4	28	-0.0
mean		96.8	47.0	27	0.5
LSD		11.9	2.2	2	1.2
CV		8.8	3.2	4	183.9

A plus or minus sign indicates a performance significantly above or below the test average.
The 0-9 ratings indicate a genotype's response to disease or lodging where 0 = highly resistant and 9 = highly susceptible.
FHB = Fusarium Head Blight Score (0-9)
FDK = Fusarium Diseased Kernels (percent)
DON = Deoxynivalenol concentration in the kernels (ppm)
Awns, A = Awned, TA = Tip-Awned, and AL = Awnless