Table 1: Virginia state soft winter wheat official variety test across 21 site-years from 2024 to 2026.

Line	Grain Yield bu/ac (21)	Test Weight lb/bu (21)	Heading Date Julian (8)	Height in (6)	Lodging 0-9 (6)	Powdery Mildew 0-9 (8)	FHB 0-9 (3)	Leaf Rust 0-9 (7)	FDK % (2)	DON ppm (2)	BYDV 0-9 (3)	Awns A-TA-AL
AGS 3518	97.1+	57.8+	115-	35+	0.6	1.2	1.8	0.7-	11	6	1.6	A
18VTK10-23	95.1+	59.3+	114-	33	0.6	2.3	2.2	0.7-	6	3	1.6	A
VA20W-142	92.4+	57.4	116	34+	1.0	1.5	2.7	0.4-	10	3	1.9	AL
VA20FHB-20	91.5+	58.7+	115-	34+	0.6	1.2	2.2	4.2+	14	5	3.1	A
VA22W-201	90.8	58.7+	116-	30-	1.1	0.9	4.2+	1.2-	14	7	2.1	A
VA19FHB-36	89.2	58.0+	116	34+	0.7	1.2	2.2	1.1-	11	4	2.4	A
19VTK7-66	89.1	57.1	118	35+	1.7	1.0	2.3	0.3-	11	7	2.1	A
SH 7222	89.0	57.9+	118	33	0.4-	1.1	3.0	0.4-	15	7	1.6	A
DH19SRW07-321	88.9	57.1	118+	33	0.4-	1.5	3.0	1.5	18	8	1.4	A
VT Pitman	88.9	57.9+	115-	31-	0.8	1.3	3.8+	0.2-	15	5	2.0	A
19VDH-FHB-MAS05-27	88.7	55.5-	119+	33	1.9+	1.9	3.2	2.1	14	3	2.1	AL
USG 3673	88.4	57.4	116	32-	1.3	4.0+	2.3	0.2-	6	1	1.8	AL
Dyna-Gro 9393	88.3	56.6	118+	31-	0.7	3.2+	2.5	3.4	13	7	2.9	A
DH20SRW02-073	88.1	56.4-	118+	32	2.1+	0.6-	3.8+	-0.0-	25+	5	1.8	AL
AgriMAXX 545	87.9	55.3-	118+	31-	0.6	2.3	2.8	5.3+	16	6	2.8	A
Phoenix 96	87.9	57.2	119+	35+	0.9	1.0	3.2	1.6	35+	10+	2.4	A
Dyna-Gro 9593	87.8	56.0-	117	31-	0.4-	3.3+	2.0	3.5	13	4	2.9	A
mean	87.4	57.0	117	33	1.1	1.9	2.5	2.5	14	5	2.5	NA
LSD	3.8	0.5	1	1	0.6	0.9	1.1	1.2	10	4	1.4	NA
CV	13.9	2.9	1	4	83.3	68.8	36.8	64.4	51	56	49.3	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.
BYDV = Barley Yellow Dwarf
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	Grain Yield	Test Weight	Heading Date	Height	Lodging	Powdery Mildew	FHB	Leaf Rust	FDK	DON	BYDV	Awns
Phoenix 29	87.6	57.6+	118+	32	1.8+	1.2	2.7	1.9	20	5	2.9	A
USG 3354	87.5	56.0-	115-	32	2.8+	1.3	1.3-	2.7	12	2	2.8	AL
AGS 4043	87.4	58.4+	117	30-	0.6	0.6-	2.8	0.4-	6	3	2.4	A
SH 5123	87.3	57.4	117	32	1.2	3.0+	2.7	0.2-	9	0-	2.6	AL
USG 3352	87.1	56.3-	118+	33	1.5	3.5+	2.8	4.4+	15	8	2.6	A
15VTK-1-101	86.9	56.8	117	29-	0.5	0.7-	4.0+	-0.0-	16	6	2.3	A
HILLIARD	86.9	57.1	116-	34+	0.7	1.5	2.2	0.9-	6	3	3.4	A
Dyna-Gro 9422	86.7	55.8-	118	33	1.2	2.9+	2.0	5.4+	14	4	3.4	A
USG 3363	86.0	56.3-	118+	34+	1.2	2.7	1.6	4.7+	12	4	2.1	A
NC18-16900	85.8	57.3	118	35+	1.3	0.6-	2.0	0.0-	8	1	2.3	AL
Dyna-Gro 9231	85.5	56.4-	117	34+	0.9	2.3	1.7	4.8+	13	3	3.4	A
Dyna-Gro 9172	85.3	56.0-	118+	32	1.0	3.1+	2.0	5.8+	15	5	2.4	A
USG 3472	85.3	56.2-	118+	31-	1.0	3.1+	2.5	5.5+	13	6	2.4	A
AgriMAXX 513	85.3	56.7	117	33	1.1	1.5	2.5	4.3+	19	2	2.8	A
Dyna-Gro 9570	85.1	55.9-	117	33	1.9+	2.9+	2.0	4.5+	16	3	4.1+	A
Dyna-Gro 9151	85.1	57.3	118	32	1.2	2.7	1.8	5.4+	15	3	3.6	A
SH 7200	84.7	57.7+	115-	34+	1.3	2.1	3.8+	0.4-	26+	8	3.8	A
Dyna-Gro 9533	83.2-	54.6-	118+	31-	1.2	0.9	1.8	5.4+	23	2	1.1-	AL
MASSEY	67.8-	56.7	116	36+	2.7+	1.3	2.0	7.5+	18	2	3.9	TA
mean	87.4	57.0	117	33	1.1	1.9	2.5	2.5	14	5	2.5	NA
LSD	3.8	0.5	1	1	0.6	0.9	1.1	1.2	10	4	1.4	NA
CV	13.9	2.9	1	4	83.3	68.8	36.8	64.4	51	56	49.3	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.
BYDV = Barley Yellow Dwarf
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: Virginia state soft winter wheat official variety test across 14 site-years in 2025 and 2026.

Line	Grain Yield bu/ac (14)	Test Weight lb/bu (14)	Heading Date Julian (6)	Height in (5)	Lodging 0-9 (4)	Powdery Mildew 0-9 (6)	FHB 0-9 (2)	Leaf Rust 0-9 (4)	FDK % (1)	DON ppm (1)	BYDV 0-9 (1)	Awns A-TA-AL
AGS 3518	96.3+	58.0+	116-	29+	1.3	1.2	1.2	0.2-	7	3	1.0	A
18VTK10-23	93.3+	59.4+	115-	27	1.1	1.7	1.7	-0.1-	7	2	3.0	A
VA19FHB-36	91.8+	58.2+	117	28+	1.3	1.2	1.2	0.0-	5	1	2.5	A
VA20W-142	91.8+	57.8+	117	28+	1.6	1.5	1.7	-0.2-	10	2	2.0	AL
18VTK10-188	91.6+	58.1+	116-	26	2.0	0.9	1.2	-0.1-	5	2	3.0	A
VT Pitman	90.6+	58.3+	116	25-	1.5	1.1	2.7	-0.1-	9	1	3.5	A
18VTK9-68	90.4+	58.7+	115-	26	2.1	1.1	1.7	0.1-	9		3.5	A
VA20FHB-20	90.3+	58.7+	115-	28+	1.3	1.0	1.5	4.4+	12	1	3.5	A
VA22W-201	90.2+	58.7+	117	24-	1.5	0.7	3.5+	0.8	12	4	2.5	A
19VTK7-61	89.7	57.5	117	25-	1.6	1.3	1.5	0.1-	5	2	2.5	A
VA23W-432	89.3	56.3-	116-	28+	1.3	0.7	1.5	0.4-	7	3	3.0	A
HILLIARD	89.2	57.4	116	28+	1.6	1.4	1.5	0.1-	5	1	4.5	A
SH 7222	89.0	57.9+	118	27	0.9-	1.0	1.7	-0.2-	9	1	3.5	A
19VTK7-66	88.5	57.5	118+	29+	2.1	1.0	2.0	0.0-	12	3	2.0	A
19VDH-FHB-MAS05-27	88.5	55.7-	119+	27	2.2	1.7	2.7	1.7	15	2	4.0	AL
DH19SRW07-321	88.4	57.5	118+	27	0.8-	1.8	1.5	0.7	17	4	2.5	A
Dyna-Gro 9632	88.3	56.2-	117	27	1.8	3.2+	1.0	3.9+	17	2	3.0	A
mean	85.6	57.2	117	27	1.9	1.7	1.8	1.8	13		3.0	NA
LSD	4.5	0.5	1	1	0.9	1.1	1.1	1.5	11		2.6	NA
CV	13.8	2.2	1	5	51.3	76.0	43.2	86.7	43		43.1	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.
BYDV = Barley Yellow Dwarf
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	Grain Yield	Test Weight	Heading Date	Height	Lodging	Powdery Mildew	FHB	Leaf Rust	FDK	DON	BYDV	Awns
DH20SRW02-073	88.2	56.4-	118+	26	2.7+	0.6	3.2+	-0.3-	30+	2	2.0	AL
KWS585	88.1	57.1	117	26	2.1	2.2	1.0	5.0+	12	2	1.5	A
Phoenix 96	87.3	57.3	119+	28+	1.7	1.1	2.5	0.7	20	4	2.5	A
15VTK-1-101	87.2	56.8	118+	23-	1.1	0.6	3.2+	-0.3-	15	5	3.5	A
USG 3875	86.4	56.4-	118	26	1.1	3.9+	1.2	3.4+	15	3	2.0	A
VA23W-330	86.4	58.2+	118	26	1.7	1.3	1.5	-0.1-	5	2	5.5	A
Dyna-Gro 9393	86.0	56.8	118+	25-	1.4	3.2+	1.5	3.1	12	3	2.0	A
18VTK10-77	86.0	58.7+	115-	26	2.6	0.8	1.0	0.0-	5	1	1.0	A
Phoenix 29	85.8	57.8+	118	26	3.3+	1.1	2.5	1.4	12	1	6.0+	A
LA19333-NDH31	85.4	58.2+	116-	24-	1.5	0.3-	2.5	-0.3-	5	4	3.0	A
AGS 4043	85.3	58.4+	118+	25-	1.0	0.6	2.0	-0.2-	7	4	4.5	A
Dyna-Gro 9593	85.1	56.3-	117	26	0.9-	3.5+	1.2	3.1	17	1	1.0	A
VA23W-532	84.9	56.7-	115-	27	2.4	2.0	1.5	0.0-	5	2	3.0	A
USG 3354	84.9	56.4-	116-	26	3.2+	0.8	1.2	1.7	17	2	3.5	AL
19VTK15-37	84.7	57.9+	115-	25-	2.1	0.7	1.5	-0.2-	7	3	1.5	AL
AgriMAXX 545	84.6	55.4-	118	26	1.1	2.5	1.5	5.4+	17	1	2.0	A
VA23W-433	84.5	54.8-	116	28+	1.8	1.2	3.5+	0.4-	10	3	5.0	AL
LA15093SB-30-3-3	84.2	56.2-	118	29+	1.4	1.8	1.7	0.0-	20	2	3.5	A
USG 3755	83.9	56.3-	118+	26-	1.6	1.2	2.2	5.5+	12	3	2.5	AL
Dyna-Gro 9151	83.8	57.5	118	27	2.0	2.8	1.0	5.4+	20	1	3.5	A
AgriMAXX 513	83.7	56.9	117	27	2.1	1.7	1.5	4.4+	20	1	4.0	A
mean	85.6	57.2	117	27	1.9	1.7	1.8	1.8	13		3.0	NA
LSD	4.5	0.5	1	1	0.9	1.1	1.1	1.5	11		2.6	NA
CV	13.8	2.2	1	5	51.3	76.0	43.2	86.7	43		43.1	NA

continued . . .

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The 0-9 ratings indicate a genotype's response to disease or lodging where 0 = highly resistant and 9 = highly susceptible.
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FDK = Fusarium Diseased Kernels (percent)
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Awns, A = Awned, TA = Tip-Awned, and AL = Awnless

Line	Grain Yield	Test Weight	Heading Date	Height	Lodging	Powdery Mildew	FHB	Leaf Rust	FDK	DON	BYDV	Awns
USG 3352	83.6	56.2-	118	27	2.5	3.7+	1.7	4.9+	12	4	2.0	A
USG 3673	83.4	57.8+	117	26	2.2	3.5+	2.0	-0.1-	7	1	2.0	AL
Dyna-Gro 9422	83.4	55.9-	118+	27	2.0	3.1+	1.2	5.1+	15	1	2.5	A
SH 7200	83.0	57.9+	115-	28	1.9	1.9	2.7	0.0-	20	3	6.0+	A
NC18-16900	82.6	57.7+	118	29+	2.1	0.4-	1.5	-0.3-	7	1	4.0	AL
Dyna-Gro 9231	82.4	56.3-	117	28	1.5	2.1	1.0	4.7+	17	1	4.0	A
Dyna-Gro 9172	82.0	56.2-	118	26	1.7	3.0+	1.2	5.1+	20	3	1.5	A
USG 3472	81.9	56.4-	118+	26	1.9	3.0+	1.7	5.0+	17	2	2.5	A
USG 3363	81.7	55.9-	118	28+	2.6	2.9+	1.0	4.8+	19	1	1.5	A
SH 5123	81.7	57.5	117	26	2.0	2.9+	2.0	-0.2-	12	1	4.0	AL
Dyna-Gro 9570	80.0-	56.3-	118	27	2.5	2.7	1.0	4.5+	15	2	4.0	A
Dyna-Gro 9533	79.1-	55.0-	119+	25-	1.9	1.0	1.7	4.6+	20	1	1.0	AL
AGS 4714	76.8-	59.2+	116	28+	3.2+	0.8	1.2	0.1-	5	1	2.0	A
AgriMAXX 543	73.8-	56.5-	117	26	1.4	2.2	1.0	2.6	10	1	4.5	AL
MASSEY	66.7-	56.9	117	30+	3.7+	1.5	2.2	6.9+	27+	4	5.0	TA
mean	85.6	57.2	117	27	1.9	1.7	1.8	1.8	13		3.0	NA
LSD	4.5	0.5	1	1	0.9	1.1	1.1	1.5	11		2.6	NA
CV	13.8	2.2	1	5	51.3	76.0	43.2	86.7	43		43.1	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.
BYDV = Barley Yellow Dwarf
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