

Table 25. Summary of performance of entries in the Virginia Tech Wheat Test over location, 2015 harvest.

Line	Yield (Bu/a)	Test Weight (Lb/bu)	Date Headed (Julian)	Height (In)	Lodging (0-9)	Leaf Rust (0-9)	Powdery Mildew (0-9)	Barley Yellow Dwarf Virus (0-9)	Hessian Fly Resistance (Biotype) ¹	Awns ²
	(7)	(7)	(2)	(3)	(3)	(2)	(3)	(2)		
Pioneer XW13T	74.0 +	55.5	126.9	29.4 -	1.3	4.0 +	0.6 -	2.3 +		AL
VA10W-119	73.5 +	57.0 +	125.1 -	33.9 +	2.9 +	0.8 -	0.6 -	1.3	BCDOL	A
Pioneer Brand 26R10	72.4 +	55.4	127.8 +	32.2	1.0 -	5.6 +	2.6 +	1.3	BCDOL	A
USG 3895	72.2 +	55.4	127.8 +	31.3 -	1.2 -	0.8 -	2.5 +	0.6 -		A
MAS #32	72.0 +	55.1 -	127.5 +	32.0	1.9	5.9 +	1.5	0.9		A
VA12FHB-8	71.9 +	55.4	127.0	33.5	2.7 +	2.0	0.2 -	0.7	B	AL
VA11W-106	71.6 +	56.5 +	127.6 +	32.5	1.7	0.1 -	0.8	1.0		A
USG 3612	71.3 +	54.9 -	126.9	33.7 +	2.5 +	6.1 +	1.4	0.6 -		TA
VA11W-279	70.8 +	56.9 +	124.5 -	31.1 -	2.1	0.0 -	0.0 -	0.6 -	BCDOL	AL
AgriMaxx Exp 1450	70.8 +	54.9 -	127.6 +	33.5	0.8 -	0.4 -	0.9	0.9	BDOL	A
AgriMAXX 446	70.8 +	55.8	128.4 +	31.6	0.9 -	5.3 +	2.5 +	1.4	BDOL	A
SS 8513	70.6 +	56.6 +	124.3 -	33.0	3.7 +	4.0 +	0.1 -	1.1		TA
MAS #7	70.5 +	54.6 -	127.4	32.4	1.5	6.9 +	0.8	1.6	---	TA
Hilliard	70.2	56.2	126.1	34.2 +	1.3	1.3	0.4 -	1.3	BC	A
MAS #46	70.1	55.2 -	127.4	32.4	1.3	4.4 +	2.4 +	1.0		A
AgriMAXX 438	69.8	55.2 -	127.8 +	34.0 +	1.7	6.8 +	3.9 +	1.3		TA
Dyna-Gro 9552	69.7	55.7	128.5 +	31.8	0.8 -	5.1 +	2.5 +	1.6	BL	A
AgriMAXX 427	69.7	54.6 -	127.3	33.2	2.9 +	7.0 +	2.0 +	0.9		TA
MAS #51	69.7	55.7	128.4 +	31.9	1.5	4.3 +	2.1 +	1.0		A
USG 3438	69.7	53.8 -	126.9	30.9 -	1.3	3.0	1.9	2.3 +	OL	A
USG 3013	69.5	54.7 -	128.1 +	33.3	1.6	7.1 +	3.4 +	1.1		TA
Shirley	69.4	54.6 -	127.6 +	31.5 -	1.2 -	0.1 -	0.0 -	1.3		AL
VA12W-248	69.4	55.8	125.5 -	34.3 +	2.6 +	0.8 -	0.7	1.4		AL
MAS #37	69.4	55.7	126.6	32.8	3.2 +	5.8 +	1.6	1.0	B	AL
SS EXP 8530	69.4	54.3 -	126.5	33.0	1.6	0.8 -	0.4 -	1.0		A
USG 3523	69.3	55.3 -	128.0 +	33.5	1.9	5.8 +	2.2 +	0.9		A
USG 3404	69.3	55.7	128.6 +	32.4	1.2 -	4.5 +	2.2 +	1.0		A
VA07MAS4-7417-1-3-3	69.2	55.8	124.9 -	31.1 -	1.2 -	0.5 -	0.1 -	1.4		A
AgriMAXX 413	69.2	53.4 -	126.4	31.1 -	1.4	2.3	1.5	1.7	OL	A

Table 25. Summary of performance of entries in the Virginia Tech Wheat Test over location, 2015 harvest.

Line	Yield (Bu/a)	Test Weight (Lb/bu)	Date Headed (Julian)	Height (In)	Lodging (0-9)	Leaf Rust (0-9)	Powdery Mildew (0-9)	Barley Yellow Dwarf Virus (0-9)	Hessian Fly Resistance (Biotype) ¹	Awns ²
	(7)	(7)	(2)	(3)	(3)	(2)	(3)	(2)		
Pioneer Brand 26R20	69.1	56.6 +	128.1 +	33.5	2.0	3.0	1.0	1.3	O	A
VA11W-313	69.1	54.1 -	123.3 -	30.2 -	2.1	0.5 -	1.8	1.1	BL	A
Southern Harvest 4300	69.1	54.3 -	127.0	31.6	1.5	5.0 +	2.1 +	1.7		A
AgriMAXX 434	69.1	55.0 -	126.9	31.0 -	1.1 -	5.3 +	2.7 +	1.0		A
MBX14-K-297	69.0	55.3 -	127.6 +	34.5 +	1.5	6.1 +	3.4 +	1.0	---	TA
VA10W-96	68.9	57.6 +	124.5 -	33.5	2.1	0.3 -	0.0 -	1.1		A
Southern Harvest 4400	68.8	55.5	128.9 +	33.1	1.1 -	5.0 +	3.5 +	2.1 +	BDOL	TA
Dyna-Gro 9223	68.8	54.8 -	128.1 +	35.0 +	1.5	7.4 +	3.1 +	1.6		TA
USG 3251	68.7	55.7	128.5 +	33.6 +	1.5	4.9 +	1.8	1.6		A
Dyna-Gro 9522	68.7	55.6	128.0 +	32.1	1.3	3.3	2.1 +	1.4		A
VA12W-22	68.7	56.5 +	126.1	31.9	2.0	0.5 -	0.4 -	0.7		AL
Featherstone VA258	68.5	55.9	127.5 +	35.1 +	2.0	0.5 -	1.1	1.0	O	TA
MAS #42S	68.3	55.6	128.5 +	33.0	1.1 -	6.9 +	3.8 +	1.0		A
AgriMAXX 415	68.3	57.0 +	127.5 +	32.1	1.4	3.1	2.9 +	1.0		A
MD04W249-11-7	68.3	57.3 +	126.3	33.8 +	1.5	3.6 +	0.2 -	1.1		A
VA11W-278	68.2	56.9 +	123.8 -	32.1	2.0	0.0 -	0.1 -	1.0	BCDOL	AL
VA12W-31	68.2	56.8 +	127.8 +	31.7	1.7	0.6 -	0.0 -	1.3		A
AgriMAXX 444	68.1	55.6	128.4 +	32.1	1.3	3.3	2.2 +	0.9		A
SS 8360	68.1	55.7	128.5 +	31.9	0.6 -	6.5 +	2.8 +	1.6	BDOL	A
MBX 15-E-229	68.0	54.4 -	126.9	33.1	1.8	0.4 -	0.9	0.9	---	A
SY 483	68.0	54.4 -	128.8 +	32.9	1.2 -	3.6 +	0.7	0.7	---	TA
MBX14-S-210	68.0	55.2 -	127.5 +	33.3	1.0 -	0.5 -	0.6 -	0.9	---	A
MAS #49	68.0	54.4 -	126.8	33.0	1.8	0.8 -	0.4 -	0.7	B	A
VA12W-72	67.9	55.0 -	124.9 -	32.1	1.4	0.6 -	0.2 -	0.4 -	BCDOL	A
SY 007	67.9	55.9	125.3 -	32.8	2.0	2.9	0.1 -	1.0	---	A
SS 5205	67.8	55.6	125.6 -	29.7 -	2.3	0.5 -	0.2 -	1.4		AL
VA12W-97	67.8	57.1 +	123.1 -	31.5 -	3.5 +	0.9 -	0.3 -	1.3	DOL	TA
AgriMAXX EXP 1558	67.7	53.6 -	127.8 +	33.4	2.1	0.8 -	1.3	0.9	---	A
SS 520	67.7	54.9 -	124.3 -	33.6 +	3.1 +	2.5	0.6 -	1.9 +		TA

Table 25. Summary of performance of entries in the Virginia Tech Wheat Test over location, 2015 harvest.

Line	Yield (Bu/a)	Test Weight (Lb/bu)	Date Headed (Julian)	Height (In)	Lodging (0-9)	Leaf Rust (0-9)	Powdery Mildew (0-9)	Barley Yellow Dwarf Virus (0-9)	Hessian Fly Resistance (Biotype) ¹	Awns ²
	(7)	(7)	(2)	(3)	(3)	(2)	(3)	(2)		
MBX11-V-258	67.7	55.6	127.9 +	36.4 +	2.0	0.4 -	1.1	0.6 -	---	TA
GA-03564-12E6	67.5	57.6 +	125.8 -	32.2	1.6	0.5 -	0.2 -	1.1	BCDO	A
SY 547	67.4	55.7	127.0	33.7 +	1.7	0.8 -	0.2 -	1.3	---	TA
VA13W-124	67.4	55.0 -	126.0	32.7	2.5 +	0.1 -	2.2 +	1.0	BCDOL	TA
VA11W-95	67.3	56.3 +	125.9 -	34.6 +	2.5 +	0.4 -	0.3 -	1.1	BCDL	A
VA12W-68	67.3	55.5	125.3 -	32.5	1.2 -	0.6 -	0.5 -	0.4 -	BCDOL	A
SY 474	67.3	56.6 +	128.9 +	34.8 +	1.7	3.8 +	0.5 -	1.0	---	AL
MD04W249-11-12	67.0	57.1 +	125.3 -	33.7 +	1.7	3.4	0.0 -	1.3		A
USG 3201	67.0	57.1 +	127.3	32.3	1.5	3.3	2.8 +	0.7		A
USG EXP 3756	66.9	55.6	126.3	34.6 +	1.7	2.1	2.8 +	1.0		A
SS 8340	66.8	57.0 +	127.5 +	32.3	1.3	2.5	2.5 +	0.9	DL	A
USG 3993	66.5	56.2	127.6 +	32.4	1.7	2.3	0.8	0.9	B	TA
Dyna-Gro 9171	66.4	53.4 -	126.6	31.0 -	1.5	2.5	2.0 +	3.0 +		A
VA08MAS5-39-6-4	66.4	55.6	123.8 -	32.5	1.7	0.6 -	0.5 -	0.7		A
VA10W-21	66.4	56.3 +	127.3	32.4	1.3	3.6 +	2.0 +	1.0		TA
Merl	66.2	56.8 +	126.1	32.9	1.5	3.6 +	0.0 -	1.0		AL
SS 8415	66.1	55.7	125.8 -	33.0	2.8 +	2.6	0.1 -	1.1	BCD	TA
VA12W-54	66.1	56.1	124.0 -	30.8 -	2.3	0.0 -	0.0 -	0.6 -	BCDOL	AL
VA11W-230	66.0	57.5 +	124.8 -	32.0	1.6	0.0 -	0.5 -	1.1	CDOL	A
USG 3225	66.0	57.5 +	126.4	31.5	2.2	0.3 -	1.4	0.4 -		A
MAS #23	66.0	54.8 -	127.3	30.7 -	1.1 -	6.8 +	2.2 +	1.1	---	A
GA-04434-12LE28	65.9	56.0	128.1 +	30.9 -	1.9	0.3 -	0.0 -	1.0	O	A
VA12FHB-55	65.8	54.9 -	127.1	31.5	2.2	1.4	0.2 -	1.3	O	AL
WX15733	65.8	53.7 -	127.4	32.0	2.2	3.3	1.7	1.3	BDOL	A
VA13FHB-5	65.8	57.2 +	125.8 -	31.0 -	0.9 -	0.3 -	0.5 -	0.9		A
LCS 2214	65.8	55.0 -	125.8 -	32.5	2.3	3.4	0.9	1.3	B	AL
LCS NEWS	65.8	57.4 +	127.3	32.1	1.8	1.5	0.0 -	1.7		AL
MAS #59	65.7	55.2 -	125.8 -	32.8	2.8 +	1.5	0.5 -	1.3		AL
VA08MAS1-188-6-4	65.7	56.3 +	124.9 -	31.7	1.9	0.3 -	0.1 -	0.7		AL

Table 25. Summary of performance of entries in the Virginia Tech Wheat Test over location, 2015 harvest.

Line	Yield (Bu/a)	Test Weight (Lb/bu)	Date Headed (Julian)	Height (In)	Lodging (0-9)	Leaf Rust (0-9)	Powdery Mildew (0-9)	Barley Yellow Dwarf Virus (0-9)	Hessian Fly Resistance (Biotype) ¹	Awns ²
	(7)	(7)	(2)	(3)	(3)	(2)	(3)	(2)		
TN1201	65.5	56.1	127.0	32.9	2.8 +	0.4 -	0.5 -	0.7	O	A
VA12FHB-53	65.4	55.5	127.5 +	31.9	2.4	0.5 -	0.5 -	1.0		AL
MAS #35	65.3	55.1 -	128.0 +	30.8 -	0.7 -	2.3	2.9 +	1.1		A
NC10-23663	65.3	56.0	126.4	33.1	4.0 +	0.3 -	0.3 -	0.9	C	TA
MAS #6	65.2	53.6 -	126.6	30.3 -	1.4	2.9	1.7	2.6 +	---	A
MBX12-V-251	65.2	55.2 -	126.8	31.5 -	2.5 +	0.1 -	0.7	1.0	---	TA
Featherstone 73	65.2	56.1	128.9 +	32.6	1.6	0.1 -	0.4 -	0.9		TA
Progeny 410	65.0	55.8	127.8 +	34.5 +	1.6	3.3	2.2 +	2.3 +		AL/TA
VA13W-38	64.9	56.9 +	124.3 -	31.5	1.5	0.6 -	0.2 -	0.7		A
MAS #47	64.8	54.4 -	127.6 +	33.5	1.2 -	3.0	0.8	2.0 +		TA
SS EXP 8629	64.7	55.2 -	126.5	30.7 -	3.4 +	1.1 -	1.0	1.0	BCDOL	A
Progeny 870	64.7	54.0 -	126.8	30.7 -	1.3	2.5	2.5 +	2.3 +		A
VA07MAS14-9260-8-2-2	64.7	57.2 +	127.3	32.2	1.3	0.3 -	0.4 -	0.9		A
MAS #45	64.6	55.5	128.4 +	31.0 -	1.6	1.6	4.5 +	1.1		A
VA13W-177	64.6	57.9 +	123.1 -	35.1 +	1.7	0.1 -	0.3 -	1.3	B	A
USG 3315	64.5	56.5 +	127.3	33.8 +	2.3	1.6	2.2 +	1.1	B	TA
Pioneer Brand 25R32	64.4	55.9	127.8 +	33.6 +	1.5	5.9 +	1.0	1.9 +	BDOL	A
VA12FHB-4	64.2	55.1 -	126.3	32.5	1.8	0.3 -	0.9	1.0		AL
VA12W-150	64.2	56.7 +	126.6	31.4 -	2.7 +	0.3 -	1.0	1.0	BCD	A
MAS #53	64.0	57.5 +	127.4	34.0 +	3.7 +	1.1 -	4.8 +	0.9		TA
VA13W-56	63.9	58.4 +	124.3 -	33.4	1.3	0.5 -	0.4 -	1.0	BCD	A
VA13FHB-13	63.8	57.0 +	122.8 -	34.7 +	1.5	0.8 -	1.3	1.0		A
VA11W-182	63.8	53.7 -	127.0	27.9 -	1.0 -	0.5 -	0.5 -	1.0		AL
VA08MAS1-190-4-1	63.8	56.2 +	125.6 -	34.2 +	2.5 +	0.3 -	0.2 -	1.1		AL
Progeny 357	63.6 -	53.3 -	128.5 +	32.6	1.2 -	7.9 +	3.5 +	1.0		A
VA13FHB-11	63.6 -	55.8	126.8	31.2 -	2.0	0.4 -	0.5 -	0.9		A
MBX EXP 1502	63.5 -	55.3 -	127.8 +	33.5	2.3	1.3	3.2 +	0.9	---	A
Yorktown	63.2 -	55.7	127.4	32.6	1.6	0.1 -	0.1 -	1.4		TA
SS 8870	63.1 -	56.5 +	127.6 +	33.5	1.8	1.5	2.9 +	2.3 +		TA

Table 25. Summary of performance of entries in the Virginia Tech Wheat Test over location, 2015 harvest.

Line	Yield (Bu/a) (7)	Test Weight (Lb/bu) (7)	Date Headed (Julian) (2)	Height (In) (3)	Lodging (0-9) (3)	Leaf Rust (0-9) (2)	Powdery Mildew (0-9) (3)	Barley Yellow Dwarf Virus (0-9) (2)	Hessian Fly Resistance (Biotype) ¹	Awns ²
Pioneer Brand 26R53	63.1 -	56.9 +	127.9 +	30.2 -	0.7 -	2.1	2.5 +	1.1	B	A
Progeny 117	63.0 -	56.1	124.9 -	34.0 +	3.8 +	4.3 +	2.5 +	1.7		AL
Pioneer XW13W	62.8 -	55.2 -	127.5 +	32.4	1.3	1.1 -	4.7 +	1.0	BDOL	A
LCS 2141	62.0 -	55.9	126.9	33.7 +	2.5 +	2.9	3.5 +	0.6 -		TA
Jamestown	61.6 -	58.0 +	124.3 -	31.0 -	1.5	0.9 -	1.5	1.0	BC	A
GA-04417-12E33	61.4 -	57.3 +	126.4	32.2	2.5 +	0.3 -	0.2 -	1.6	BCDOL	A
Massey	61.1 -	56.9 +	127.3	35.8 +	3.3 +	7.5 +	1.4	1.9 +		AL
Southern Harvest 3200	60.6 -	55.3	127.4	32.1	1.8	0.1 -	0.0 -	1.3	O	TA
MAS #2	60.3 -	56.7 +	128.4 +	35.0 +	2.9 +	0.8 -	1.3	2.0 +		TA
NC10-23720	60.2 -	58.0 +	126.4	31.9	3.0 +	0.4 -	0.3 -	1.3	BCDOL	TA
NC09-20986	58.2 -	57.8 +	125.4 -	32.6	2.2	1.1 -	0.0 -	2.0 +	BCDOL	A
Average	66.9	55.8	126.7	32.6	1.9	2.3	1.3	1.2		
LSD (0.05)	3.3	0.4	0.7	1.0	0.6	1.1	0.6	0.5		
C.V.	9.0	1.4	0.6	3.8	38.7	47.0	54.5	43.2		

Released cultivars are shown in bold print.

Varieties are ordered by descending yield averages.

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.

The number in parentheses below column headings indicates the number of locations on which data are based.

¹Seedlings were tested for resistance to biotypes B, C, D, O, and L of Hessian Fly. Letter in column indicates varietal resistance. "---" indicates seed had been treated with insecticide and results are not valid.

²A=awned, AL=awnletted, TA=tip awned.