

Maryland State Wheat Trials 2014-15 Yield Summary Table

	Statewide		Wye		Beltsville		Clarksville		Keedysville	
	Yield [†] bu ac ⁻¹	Test Wt [†] lbs bu ⁻¹	Yield bu ac ⁻¹	Test Wt lbs bu ⁻¹	Yield bu ac ⁻¹	Test Wt lbs bu ⁻¹	Yield bu ac ⁻¹	Test Wt lbs bu ⁻¹	Yield bu ac ⁻¹	Test Wt lbs bu ⁻¹
USG 3523	69.4 *	52.9	80.9 *	55.4	68.5 *	54.9	70.4	56.0	57.8 *	51.8
SC 1325 TM	69.4 *	52.8	79.5 *	53.5	60.6 *	52.9	68.1	55.5	na	na
USG 3895	68.7 *	52.8	77.9 *	53.6	60.5 *	52.9	79.1 *	57.2	57.3 *	52.6
USG EXP 3756	67.2 *	53.3	75.8 *	55.8	67.2 *	53.5	74.8 *	56.0	50.9	54.2
MAS #49	66.5 *	53.3	75.1 *	55.6	59.4 *	52.6	65.1	55.9	na	na
VA10W-21	66.3 *	54.4	71.4	57.9	63.9 *	55.4	69.6	57.1	60.3 *	54.4
9233	66.2 *	55.6	74.0 *	55.2	61.6 *	54.1	63.0	57.5	na	na
SS EXP 8513	65.3 *	53.0	74.5 *	54.5	66.3 *	54.6	76.2 *	57.0	44.0	51.1
Jamestown	64.8 *	54.4	77.1 *	57.0	57.4	56.3	63.3	58.6	61.5 *	52.1
Hilliard	64.4 *	54.0	73.6	56.4	59.6 *	54.9	69.7	57.0	54.9 *	54.3
MD07W64-13-4	64.3 *	54.4	66.9	56.1	62.4 *	54.9	63.6	56.4	na	na
MD04W249-11-7	64.0 *	55.0	73.1	56.9	61.9 *	56.2	70.1	57.3	51.1	56.3
SY547	64.0 *	54.2	69.7	54.5	68.9 *	55.6	71.5	57.4	45.8	55.8
SW550	63.9 *	53.4	72.2	55.0	65.9 *	54.3	70.7	57.6	47.0	52.9
LCS 3211	63.7 *	52.6	79.6 *	56.4	62.3 *	54.9	69.1	55.8	43.8	50.2
FSX 866	63.4 *	52.6	77.1 *	55.4	59.6 *	52.7	na	na	53.5	53.4
FSX 860	63.1 *	53.1	76.4 *	55.2	60.2 *	53.6	63.5	54.9	52.3	54.2
MAS #46	63.1 *	52.5	75.9 *	54.2	63.6 *	52.4	68.1	56.7	44.9	51.7
USG 3404	62.9 *	52.7	71.3	54.0	56.7	53.6	76.2 *	57.9	47.5	50.8
MAS #37	62.9 *	52.5	71.1	56.0	58.7 *	53.9	71.5	56.3	50.1	52.9
FSX 867	62.8 *	50.5	75.5 *	53.3	63.7 *	53.2	67.2	56.1	44.8	49.2
FSX 862	62.8 *	52.2	76.4 *	55.9	57.6	54.6	66.7	56.5	50.4	48.9
9522	62.7 *	55.1	78.4 *	54.9	64.1 *	52.7	66.8	57.9	41.4	54.8
Shirley	62.3 *	53.5	74.0 *	55.4	69.5 *	53.6	52.4	56.9	53.5	54.1
SS 8415	62.3 *	53.8	65.6	55.7	64.8 *	54.3	74.1 *	57.0	44.6	54.9
LCS 2564	62.3 *	54.4	68.3	57.0	62.0 *	55.8	70.6	57.2	48.2	53.5
MD04W249-11-12	62.2 *	54.1	77.5 *	58.1	62.6 *	56.2	70.6	57.6	38.1	52.8
FS 850	62.1 *	54.7	66.6	56.5	53.7	54.4	71.4	56.9	56.8 *	50.9
MDC07026-F2-19-13-4	62.1 *	54.9	68.3	57.7	62.3 *	55.9	65.9	58.8	51.7	56.6
MAS #51	61.9 *	52.0	74.5 *	54.0	57.1	54.5	70.6	57.7	45.4	52.6
FSX 869	61.9 *	52.2	71.3	54.2	59.4 *	52.9	69.1	56.2	47.6	50.9
Newport	61.8 *	51.8	77.8 *	51.8	58.8 *	53.5	71.2	55.0	39.3	50.8
USG 3251	61.8 *	51.6	72.8	54.1	61.5 *	54.1	67.0	56.9	45.8	50.0
USG 3013	61.8 *	53.3	77.5 *	55.6	61.1 *	54.5	60.1	57.4	48.3	52.5
EXP 1510	61.7 *	54.7	72.3	55.4	54.1	54.3	70.4	56.6	50.0	52.4
FSX 868	61.5 *	52.3	77.1 *	53.8	55.7	53.9	57.7	55.3	55.6 *	54.0
MBX 11-V-258	61.4 *	53.2	56.7	56.6	65.6 *	55.0	72.3 *	57.5	50.8	54.9
TN 1201	61.3 *	53.4	76.8 *	54.5	58.0	53.4	61.1	56.4	49.4	53.1
SC 1315 TM	61.3 *	53.3	69.4	57.6	54.1	53.2	68.7	55.7	52.8	52.5
MAS #59	61.2 *	53.3	71.2	55.7	54.8	54.2	71.2	56.8	47.7	52.9
GA04417-12E33	61.1 *	55.7	72.2	58.6	60.8 *	56.0	58.7	58.6	52.5	56.7
MAS #32	61.0	52.7	76.2 *	54.6	59.7 *	53.0	na	na	47.3	53.6
MBX 14-S-210	60.9	53.2	72.0	56.7	61.6 *	54.6	66.8	54.9	43.2	52.9
USG 3201	60.9	54.3	72.1	58.3	58.0	55.7	na	na	52.6	52.8
MAS #6	60.9	52.2	75.2 *	52.5	60.7 *	52.2	56.6	54.9	50.9	53.5
MAS #35	60.8	53.3	76.0 *	55.1	67.0 *	54.4	62.0	56.5	38.3	52.5
LCS NEWS 13EF171	60.7	55.0	69.7	58.1	56.5	53.9	63.7	59.1	53.1	56.1
FS 854	60.7	52.9	76.2 *	53.7	56.0	54.2	67.9	57.2	42.8	53.0
FSX 863	60.7	53.6	75.9 *	55.2	62.3 *	55.6	na	na	43.8	53.6
SC 1342 TM	60.4	52.3	75.9 *	54.4	62.9 *	53.5	63.8	56.1	39.0	51.6
SS EXP 8530	60.2	52.7	76.2 *	53.6	63.9 *	52.9	64.6	55.0	36.1	54.5
MAS #42S	60.2	53.5	75.0 *	55.8	58.4 *	54.3	67.4	56.6	39.8	54.1
MAS #45	60.0	53.3	77.0 *	55.5	48.9	54.6	72.2	56.4	41.8	52.2
FS 888	59.8	54.3	72.6	57.2	54.2	55.6	68.5	57.3	43.8	54.0
WX 14611	59.7	52.6	71.2	54.7	60.3 *	54.8	63.9	55.9	43.6	49.7
SS 8360	59.7	52.3	71.0	55.2	57.0	54.8	75.0 *	56.9	35.7	49.4
LCS 2141	59.6	52.1	71.5	55.6	60.5 *	53.2	64.8	56.1	41.7	49.6
MAS #53	59.6	54.2	64.1	58.4	56.5	56.8	67.3	59.6	50.4	53.0
9552	59.3	54.6	78.1 *	55.4	59.3 *	53.4	64.3	57.4	35.7	52.3
Featherstone 73 (VA09W-73)	59.2	55.5	63.8	56.7	59.7 *	54.9	68.0	55.9	45.4	54.4
SW 52	59.2	54.5	68.0	57.1	56.7	55.5	73.0 *	58.0	39.3	53.6
SY483	59.2	52.5	66.2	54.4	69.9 *	53.3	62.0	56.7	38.8	51.2
GA03564-12E6	58.7	54.1	71.5	57.5	55.4	56.5	62.5	57.1	45.5	57.4

SY474	58.7	54.0	65.8	56.5	61.3 *	56.1	61.6	55.0	46.0	55.4
MAS # 7	58.6	52.6	70.7	55.2	66.0 *	53.1	51.5	55.2	46.1	53.4
VA 11W-106	58.5	54.0	68.7	55.3	65.8 *	54.4	56.1	58.4	43.5	54.2
MBX 15-E-229	58.4	52.3	67.5	53.8	59.5 *	53.8	64.7	56.1	42.0	50.1
Laurel	58.3	52.3	76.9 *	53.0	60.6 *	53.8	43.3	56.5	52.4	51.8
WX 15733	57.9	51.2	71.2	52.5	59.4 *	51.1	63.7	53.8	37.2	51.1
MERL	57.8	54.5	72.6	55.9	62.2 *	56.8	50.6	59.0	45.7	52.7
USG 3315	57.6	53.7	72.6	57.4	64.2 *	54.1	51.5	58.8	41.9	52.0
GA04434-12LE28	57.4	53.8	63.9	53.8	59.6 *	56.1	57.2	57.6	48.8	53.4
FS 820	57.0	56.6	77.4 *	58.0	59.7 *	56.2	45.5	58.0	45.4	54.3
MBX 14-K-297	56.2	51.9	69.4	55.2	60.1 *	55.1	56.2	57.8	39.2	51.0
MAS #47	56.0	53.1	68.4	53.7	55.7	53.0	57.8	55.9	42.1	55.7
MBX 12-V-251	56.0	53.5	62.0	54.2	60.0 *	54.8	67.2	56.7	34.7	53.4
SS 8340	55.9	53.4	81.9 *	55.9	69.3 *	56.1	36.3	58.2	35.9	49.5
FSX 861	55.6	52.7	73.0	55.0	57.2	55.2	45.1	54.6	47.1	50.8
SS 5205	55.3	54.1	65.0	56.4	63.2 *	54.9	54.9	57.3	38.1	53.7
MD09W272-8-4-13-3	54.6	56.0	62.7	58.4	49.7	55.3	53.8	59.3	52.0	57.7
EXP 1502	53.5	54.1	67.1	54.6	57.6	53.6	50.9	56.8	38.3	51.5
SY007	53.1	51.7	69.2	57.5	52.8	53.7	52.5	56.3	37.8	50.0
MAS # 23	53.1	51.9	71.9	55.4	67.9 *	51.5	33.4	54.0	39.1	51.6
MAS #2	52.8	52.2	66.8	54.9	53.1	54.3	52.4	56.4	39.1	50.9
Mean	60.8	53.4	72.3	55.5	60.4	54.3	63.6	56.8	46.1	52.8
Coefficient of Variation (%)	19.1	4.1	8.9	3.4	11.6	2.9	15.1	2.3	16.1	4.5
LSD₀₅[†]	8.3	1.9	8.0	2.1	10.4	2.4	6.8	1.3	7.0	3.6

[†] All yields and test weights are reported at a 13.5% grain moisture content.

[‡] Values followed by * are not significantly different from the leading entry.

Plant Date	20-Oct	9-Oct	9-Oct	6-Oct
Harvest Date	25-Jun	1-Jul	2-Jul	7-Jul
Tillage	Minimum	Minimum	Minimum	Conventional
Fertilization	100 lbs March	45lbs Mar., 45lbs Apr.	10lbs Sept, 65 lbs Apr.	50 lbs Mar., 40 lbs Apr.
Weed Control	Harmony	Harmony Extra	Harmony SG	Volta Extra