

## FACTSHEET 2020- 2021 MARYLAND STATEWIDE WHEAT YIELD TRIAL RESULTS

#	Brand	ID	Statewide Average				Wye (WY)			Clarksville (CV)			Beltsville (BV)			Poplar Hills (PH)			Keedysville (KD)		
			Rank	Yield (% Mean)	Yield	Test Weight	Rank	Yield	Test Weight	Rank	Yield	Test Weight	Rank	Yield	Test Weight	Rank	Yield	Test Weight	Rank	Yield	Test Weight
1	Local Seed	LW2169	1	111.9	112.6	57.8	6	110.8	58.2	3	121.0	56.6	19	97.3	61.5	2	109.2	59.4	6	124.4	53.5
2	AgriPro	SY 100	2	107.4	108.1	52.6	4	112.1	51.0	36	106.9	53.2	22	96.4	54.3	†	†	†	40	116.9	51.8
3	Southern Harvest	7200	3	107.3	107.9	58.5	23	104.6	58.3	22	112.2	56.7	29	92.9	59.8	1	111.1	62.2	34	118.9	55.6
4	AgriMAXX	514	4	107.3	107.9	57.4	33	102.8	58.2	17	113.6	56.6	23	96.3	59.3	23	97.2	59.2	2	129.8	53.6
5	USG	USG 3472	5	106.8	107.4	58.4	32	102.9	59.8	19	113.1	57.6	17	97.5	61.2	17	99.4	60.1	8	124.1	53.3
6	Mid Atlantic Seeds	MAS #139	6	106.6	107.2	55.2	35	101.6	53.8	43	104.8	51.7	35	91.2	57.5	4	105.4	59.3	1	133.0	53.5
7	VCIA	13VTK59-55	7	105.7	106.4	55.3	3	113.7	56.0	54	99.7	53.2	43	88.5	56.8	†	†	†	12	123.6	55.3
8	Mercer Brand	MBX223	8	105.7	106.3	55.6	7	110.3	54.1	21	112.3	54.1	9	100.1	56.9	32	93.6	58.7	43	115.2	54.1
9	AgriMAXX	516	9	105.5	106.2	58.0	51	97.2	60.4	24	112.2	56.8	31	92.5	59.4	3	107.2	59.9	18	121.7	53.2
10	Dyna-Gro	9941	10	105.5	106.1	54.8	47	98.2	53.3	60	94.1	53.2	1	107.4	56.6	6	104.6	57.9	3	126.3	52.8
11	UMD	21-MDX-299	11	105.2	105.9	59.8	63	90.7	59.8	2	125.6	58.3	7	100.8	61.1	38	91.2	63.0	21	121.0	56.7
12	AgriMAXX	454	12	105.2	105.8	57.0	20	105.7	55.3	34	107.0	56.8	16	97.6	58.8	25	95.0	60.2	11	123.9	53.9
13	Mid Atlantic Seeds	MAS #143	13	105.2	105.8	57.3	25	104.2	57.5	15	113.8	55.2	63	83.3	60.2	10	103.7	60.3	9	124.1	53.3
14	AgriMAXX	505	14	105.1	105.8	58.7	11	107.8	57.3	27	109.9	58.2	61	84.5	59.7	5	105.2	62.2	19	121.3	56.3
15	Mercer Brand	MBX242	15	104.8	105.5	57.5	22	104.7	56.4	4	118.1	55.7	34	91.8	60.8	39	90.2	60.2	15	122.7	54.3
16	Mid Atlantic Seeds	MAS #86	16	104.7	105.3	55.3	37	101.3	54.9	52	101.0	51.8	6	101.5	57.0	16	99.4	59.9	13	123.3	52.9
17	UMD	MDX-133	17	104.6	105.3	55.4	39	100.7	53.7	5	117.6	54.3	10	99.7	58.1	†	†	†	65	103.0	55.4
18	Mid Atlantic Seeds	MAS #133	18	104.3	105.0	54.9	2	116.5	54.2	50	101.5	54.5	53	87.0	55.3	7	104.3	59.0	41	115.5	51.6
19	Dyna-Gro	9151	19	104.1	104.8	58.3	17	106.3	56.8	18	113.5	56.9	66	81.5	59.6	20	98.2	62.1	7	124.3	55.8
20	USG	USG 3329	20	103.9	104.5	55.2	29	103.5	52.4	53	100.5	54.3	18	97.4	55.8	8	104.2	59.6	39	117.2	53.8
21	Northern Star Seed	CP8045	21	103.9	104.5	58.0	16	106.7	58.8	25	110.5	57.0	51	87.5	60.4	27	94.8	60.0	14	123.0	53.5
22	Local Seed	LW2848	22	103.7	104.4	56.2	19	105.9	54.7	30	108.7	54.7	3	103.8	58.6	47	84.3	59.7	33	119.2	53.6
23	Dyna-Gro	9120	23	103.6	104.2	59.2	57	94.5	59.4	29	109.0	58.1	46	88.2	60.1	9	104.0	62.9	5	125.5	55.7
24	Mid Atlantic Seeds	MAS #316	24	103.1	103.8	56.7	42	100.3	56.1	58	95.2	55.2	20	96.8	58.3	13	102.6	59.9	10	124.0	53.8
25	Southern Harvest	9520	25	102.9	103.5	58.2	41	100.4	59.6	12	114.9	56.2	4	103.3	60.8	44	87.7	61.1	52	111.4	53.2
26	Mercer Brand	MBX127	26	102.8	103.4	58.0	64	90.1	57.5	1	127.1	57.7	44	88.4	59.9	41	89.7	61.4	17	121.8	53.5
27	Local Seed	LW2148	27	102.8	103.4	54.5	45	99.8	52.7	9	115.6	53.5	14	98.3	58.0	†	†	†	68	99.9	53.9
28	Dyna-Gro	WX20734	28	102.6	103.2	58.6	26	103.8	59.6	16	113.8	57.1	60	84.7	61.1	30	93.7	61.3	26	120.2	53.8
29	Mercer Brand	MBX176	29	102.5	103.1	55.9	59	92.1	55.3	26	110.1	54.7	42	89.4	57.2	12	103.2	59.5	23	120.8	53.1
30	AgriMAXX	513	30	102.5	103.1	57.4	60	91.9	56.3	11	115.0	55.7	26	95.2	59.2	31	93.6	60.6	27	119.9	55.1
31	Dyna-Gro	9172	31	101.8	102.4	57.4	58	94.1	58.3	37	106.6	54.7	37	90.9	60.8	21	98.0	59.8	16	122.4	53.4
32	Local Seed	LW2068	32	101.7	102.3	55.6	52	96.7	52.5	38	106.5	54.5	8	100.3	59.0	45	87.3	59.2	24	120.8	53.0
33	AgriMAXX	EXP2002	33	101.5	102.1	58.6	61	91.2	59.8	31	107.9	56.1	47	88.2	59.6	11	103.3	62.4	28	119.8	55.1
34	USG	USG 3536	34	101.3	101.9	56.8	5	111.6	56.3	42	105.1	55.7	57	86.1	57.3	42	89.3	60.6	36	117.6	53.9
35	AgriMAXX	473	35	101.3	101.9	57.0	55	95.7	55.7	7	116.5	56.1	54	86.8	59.5	22	97.4	59.7	49	112.9	53.8
36	Southern Harvest	4400	36	100.9	101.5	54.3	30	103.3	53.3	40	105.8	54.1	50	87.5	55.6	†	†	†	60	109.2	54.3
37	VCIA	Liberty 5658	37	100.6	101.2	58.7	48	98.1	58.7	46	103.3	55.4	11	99.5	61.1	48	84.3	63.2	25	120.7	55.3
38	USG	EXP3000	38	99.6	100.2	56.8	9	109.7	55.2	10	115.6	53.7	12	99.4	58.0	56	66.9	61.9	56	109.7	55.3
60	AgriMAXX	503	39	99.5	100.1	54.8	8	109.7	53.6	47	101.9	53.7	30	92.6	57.3	†	†	†	72	96.1	54.6
39	UMD	MDX-20	40	98.8	99.4	57.2	44	99.8	56.3	32	107.6	56.8	72	77.8	57.4	28	94.4	61.5	38	117.3	53.9
40	USG	USG 3316	41	98.6	99.1	56.2	43	100.1	53.3	51	101.0	55.4	70	78.5	58.5	26	95.0	60.7	20	121.1	53.2
41	Dyna-Gro	9070	42	98.5	99.1	56.6	10	109.2	57.3	35	107.0	53.4	68	78.9	57.7	35	91.8	60.6	61	108.5	53.9
42	USG	USG 3118	43	98.3	98.9	56.7	28	103.5	55.8	44	103.8	52.6	25	95.2	56.8	51	80.1	62.4	50	111.8	55.9
43	AgriMAXX	502	44	98.2	98.8	56.6	27	103.6	55.6	67	87.2	53.9	52	87.4	59.0	24	96.2	60.5	29	119.6	54.2
44	UMD	MDX-18	45	98.1	98.7	58.0	34	102.0	58.3	63	88.9	56.1	64	82.9	57.5	19	98.6	62.6	22	121.0	55.8
45	USG	USG 3232	46	97.5	98.1	58.5	54	96.3	59.4	20	112.5	56.4	67	81.4	59.5	33	92.8	62.2	64	107.6	54.8
46	KWS Cereals	KWS 380	47	97.5	98.1	58.9	38	101.1	59.6	13	114.3	56.6	40	90.1	61.7	57	65.4	62.0	31	119.5	54.5

	Brand	ID	Statewide Average			Wye (WY)			Clarksville (CV)			Beltsville (BV)			Poplar Hills (PH)			Keedysville (KD)			
			Rank	Yield (% Mean)	Yield	Test Weight	Rank	Yield	Test Weight	Rank	Yield	Test Weight	Rank	Yield	Test Weight	Rank	Yield	Test Weight	Rank	Yield	Test Weight
47	Northern Star Seed	NSSEXP91	48	97.3	97.8	54.6	40	100.5	51.8	57	96.1	51.4	28	93.8	56.0	52	79.1	60.4	30	119.6	53.6
48	Local Seed	LW2958	49	97.1	97.5	58.7	66	89.0	59.1	56	97.4	56.6	56	86.3	61.2	14	102.0	61.7	48	113.1	55.0
49	Northern Star Seed	CP8081	50	97.0	97.5	56.9	24	104.3	56.8	64	88.5	53.4	45	88.3	59.5	36	91.3	60.6	42	115.3	54.3
50	VCIA	13VTK429-3	51	97.0	97.5	58.1	1	119.7	57.7	49	101.5	54.5	33	91.9	59.9	59	60.7	63.4	47	113.4	54.9
51	USG	USG 3562	52	96.5	97.0	58.1	49	98.1	59.0	68	86.9	55.5	27	94.0	60.0	34	91.9	61.2	45	114.0	54.9
52	Mercer Brand	MBX120	53	96.0	96.5	57.7	72	78.8	59.3	39	106.2	55.4	62	83.8	59.3	18	98.9	60.9	44	115.0	53.6
53	AgriPro	SREXP117	54	95.6	96.1	56.8	15	106.9	58.4	45	103.6	53.3	41	89.7	58.7	53	71.1	59.2	59	109.2	54.3
54	AgriPro	SY 547	55	95.6	96.1	56.2	67	88.7	55.3	33	107.3	53.9	32	92.1	56.9	50	82.6	60.6	55	109.7	54.5
55	KWS Cereals	KWS 340	56	95.3	95.8	56.8	12	107.6	55.6	28	109.5	52.8	15	97.8	57.9	60	55.6	62.9	63	108.4	54.9
56	UMD	MDX-291	57	93.7	94.1	57.3	68	86.5	59.6	48	101.6	54.7	59	85.5	60.2	†	†	†	67	102.9	54.5
57	Mid Atlantic Seeds	MAS #106	58	92.5	93.0	57.4	36	101.5	60.1	61	93.4	55.8	39	90.6	58.8	†	†	†	71	86.5	54.7
58	Mercer Brand	MBX245	59	92.1	92.6	56.2	53	96.5	54.8	55	98.6	54.3	5	102.3	58.0	54	68.3	60.3	69	97.1	53.5
59	AgriPro	SY 576	60	92.1	92.5	57.4	50	97.7	57.6	59	94.6	54.3	71	78.1	61.3	49	83.0	60.7	58	109.3	53.0
61	Mercer Brand	MBX246	61	92.0	92.5	58.5	65	89.1	59.1	69	85.9	56.4	58	85.5	60.6	37	90.7	61.6	53	111.1	54.9
62	AgriPro	SY 007	62	91.2	91.6	56.6	70	83.6	56.3	71	77.1	54.0	65	82.8	58.3	43	88.8	59.8	4	125.8	54.9
63	Mid Atlantic Seeds	MAS #2	63	90.3	90.8	57.9	21	105.4	57.8	66	87.9	54.8	2	105.4	61.4	62	43.6	60.7	51	111.5	54.9
64	AgriPro	SY Viper	64	88.6	89.0	57.6	46	98.3	55.7	62	92.3	53.8	24	95.3	59.6	58	65.3	62.9	70	93.9	55.9
65	AgriPro	SY Richie	65	88.0	88.4	56.4	18	106.2	55.1	65	88.3	54.1	48	87.9	58.2	61	51.2	60.6	62	108.4	53.9
66	Mid Atlantic Seeds	MAS #67	66	88.0	88.4	53.2	56	95.2	52.1	70	85.4	47.6	38	90.6	56.0	55	67.7	57.7	66	103.0	52.8
67	USG	USG 3230	67	87.7	88.2	57.7	71	83.4	59.4	72	73.0	56.8	49	87.6	59.8	46	85.7	58.3	54	111.0	54.0
			<b>Mean</b>		100.6	56.9		100.7	56.6		104.3	55.0		91.5	58.8		89.7	60.7		115.7	54.2
			<b>CV (%)</b>		12.9	5.0		11.1	5.0		12.7	4.1		10.8	3.4		11.3	3.2		9.1	5.1

† = Data unavailable due to Deer Damage

All the yield data and test weights are reported at the 13.5% grain moisture content

Yield = bu/A

Test Weight = lbs/bu

Yield rankings are based on averaged means of 15 entries from five different locations

**Team**

- Mr. Louis Trorne
- Mr. Joseph Crank
- Mr. Adam Schoen
- Mr. Bhavit Chabbra
- Mr. Taylor Schulden
- Ms. Shana Burke
- Dr. Nidhi Rawat
- Dr. Vijay Tiwari

More information can be found at:



<https://psla.umd.edu/extension/md-crops/small-grains-maryland>

