

AGRONOMY FACTSHEET 2020- 2021 MARYLAND STATEWIDE WHEAT TRIAL RESULTS

			Statewide Average				General Characteristics				Disease scores			
#	Brand	ID	Rank	Yield (%Mean)	Yield	Test Weight	Height^ (Avergae; inches)	Heading date*	Flowering Date	Lodging# (1-5)	FHB Index (Visual)	DON content (ppm)	Leaf rust (Scale: 1-9)	Glume Blotch: (Scale 1-9)
1	Local Seed	LW2169	1	111.9	112.6	57.8	34.2	5/11/2021	9/14/2021	1	3	3	2	1
2	AgriPro	SY 100	2	107.4	108.1	52.6	34.1	5/11/2021	5/15/2021	1	2	3	8	5
3	Southern Harvest	7200	3	107.3	107.9	58.5	35.0	5/7/2021	5/11/2021	1	9	5	2	1
4	AgriMAXX	514	4	107.3	107.9	57.4	33.7	5/11/2021	5/14/2021	1	3	2	4	2
5	USG	USG 3472	5	106.8	107.4	58.4	34.1	5/12/2021	5/16/2021	1	8	5	2	5
6	Mid Atlantic Seeds	MAS #139	6	106.6	107.2	55.2	34.2	5/11/2021	5/15/2021	1	4	6	5	8
7	VCIA	13VTK59-55	7	105.7	106.4	55.3	34.3	5/9/2021	5/13/2021	1	7	3	6	1
8	Mercer Brand	MBX223	8	105.7	106.3	55.6	35.1	5/7/2021	5/12/2021	1	3	4	2	1
9	AgriMAXX	516	9	105.5	106.2	58.0	34.1	5/11/2021	5/15/2021	1	6	6	3	5
10	Dyna-Gro	9941	10	105.5	106.1	54.8	34.6	5/9/2021	5/14/2021	1	2	4	1	4
11	UMD	21-MDX-299	11	105.2	105.9	59.8	34.5	5/10/2021	5/15/2021	1	3	4	4	3
12	AgriMAXX	454	12	105.2	105.8	57.0	34.5	5/9/2021	5/13/2021	1	5	11	1	5
13	Mid Atlantic Seeds	MAS #143	13	105.2	105.8	57.3	33.9	5/9/2021	5/14/2021	1	2	3	1	5
14	AgriMAXX	505	14	105.1	105.8	58.7	34.2	5/9/2021	5/13/2021	1	3	3	3	6
15	Mercer Brand	MBX242	15	104.8	105.5	57.5	34.0	5/8/2021	5/11/2021	1	2	4	2	5
16	Mid Atlantic Seeds	MAS #86	16	104.7	105.3	55.3	34.2	5/10/2021	5/14/2021	1	2	2	2	4
17	UMD	MDX-133	17	104.6	105.3	55.4	34.1	5/10/2021	5/14/2021	1	5	1	1	2
18	Mid Atlantic Seeds	MAS #133	18	104.3	105.0	54.9	34.9	5/11/2021	5/15/2021	1	2	2	5	5
19	Dyna-Gro	9151	19	104.1	104.8	58.3	34.3	5/9/2021	5/12/2021	1	3	5	4	6
20	USG	USG 3329	20	103.9	104.5	55.2	34.5	5/8/2021	5/12/2021	1	2	2	1	1
21	Northern Star Seed	CP8045	21	103.9	104.5	58.0	34.1	5/13/2021	5/17/2021	1	3	5	2	1
22	Local Seed	LW2848	22	103.7	104.4	56.2	34.3	5/11/2021	5/15/2021	1	5	3	4	2
23	Dyna-Gro	9120	23	103.6	104.2	59.2	33.4	5/9/2021	5/14/2021	1	1	3	8	6
24	Mid Atlantic Seeds	MAS #316	24	103.1	103.8	56.7	34.9	5/14/2021	5/18/2021	1	2	3	1	4
25	Southern Harvest	9520	25	102.9	103.5	58.2	34.4	5/12/2021	5/16/2021	1	4	7	5	1
26	Mercer Brand	MBX127	26	102.8	103.4	58.0	34.3	5/12/2021	5/16/2021	1	4	5	1	1
27	Local Seed	LW2148	27	102.8	103.4	54.5	34.4	5/11/2021	5/16/2021	1	2	2	1	5
28	Dyna-Gro	WX20734	28	102.6	103.2	58.6	34.2	5/12/2021	5/16/2021	1	6	7	1	1
29	Mercer Brand	MBX176	29	102.5	103.1	55.9	33.0	5/11/2021	5/15/2021	1	3	5	1	3
30	AgriMAXX	513	30	102.5	103.1	57.4	34.2	5/9/2021	5/13/2021	1	3	3	1	5
31	Dyna-Gro	9172	31	101.8	102.4	57.4	34.8	5/11/2021	5/16/2021	1	5	5	4	3
32	Local Seed	LW2068	32	101.7	102.3	55.6	34.7	5/11/2021	5/15/2021	1	1	0	2	4
33	AgriMAXX	EXP2002	33	101.5	102.1	58.6	34.5	5/7/2021	5/11/2021	1	1	2	8	1
34	USG	USG 3536	34	101.3	101.9	56.8	35.2	5/10/2021	5/15/2021	1	6	3	6	2
35	AgriMAXX	473	35	101.3	101.9	57.0	34.9	5/11/2021	5/16/2021	1	4	2	1	5
36	Southern Harvest	4400	36	100.9	101.5	54.3	34.3	5/10/2021	5/14/2021	1	3	4	8	5
37	VCIA	Liberty 5658	37	100.6	101.2	58.7	33.8	5/10/2021	5/13/2021	1	4	2	6	5
38	USG	EXP3000	38	99.6	100.2	56.8	34.5	5/11/2021	5/15/2021	1	12	4	1	1

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60	AgriMAXX	503	39	99.5	100.1	54.8	33.8	5/11/2021	5/15/2021	1	2	2	5	5
39	UMD	MDX-20	40	98.8	99.4	57.2	33.1	5/8/2021	5/12/2021	1	2	3	1	0
40	USG	USG 3316	41	98.6	99.1	56.2	34.7	5/11/2021	5/15/2021	1	6	8	1	7
41	Dyna-Gro	9070	42	98.5	99.1	56.6	34.2	5/6/2021	5/10/2021	1	2	3	7	3
42	USG	USG 3118	43	98.3	98.9	56.7	34.5	5/8/2021	5/12/2021	1	13	6	6	2
43	AgriMAXX	502	44	98.2	98.8	56.6	33.4	5/9/2021	5/14/2021	1	2	3	5	2
44	UMD	MDX-18	45	98.1	98.7	58.0	33.7	5/10/2021	5/14/2021	1	3	4	2	1
45	USG	USG 3232	46	97.5	98.1	58.5	34.4	5/6/2021	5/10/2021	1	3	3	1	3
46	KWS Cereals	KWS 380	47	97.5	98.1	58.9	34.2	5/8/2021	5/12/2021	1	1	4	1	5
47	Northern Star Seed	NSSEXP91	48	97.3	97.8	54.6	34.5	5/14/2021	5/19/2021	1	23	7	1	1
48	Local Seed	LW2958	49	97.1	97.5	58.7	34.7	5/10/2021	5/14/2021	1	1	2	3	3
49	Northern Star Seed	CP8081	50	97.0	97.5	56.9	33.9	5/11/2021	5/15/2021	1	1	3	1	0
50	VCIA	13VTK429-3	51	97.0	97.5	58.1	34.5	5/12/2021	5/16/2021	1	6	4	1	1
51	USG	USG 3562	52	96.5	97.0	58.1	34.2	5/10/2021	5/14/2021	1	1	3	3	4
52	Mercer Brand	MBX120	53	96.0	96.5	57.7	34.0	5/12/2021	5/16/2021	1	3	5	1	4
53	AgriPro	SREXP117	54	95.6	96.1	56.8	34.1	5/8/2021	5/13/2021	1	2	1	2	0
54	AgriPro	SY 547	55	95.6	96.1	56.2	34.9	5/12/2021	5/17/2021	1	3	3	7	5
55	KWS Cereals	KWS 340	56	95.3	95.8	56.8	33.2	5/11/2021	5/16/2021	1	12	4	1	5
56	UMD	MDX-291	57	93.7	94.1	57.3	34.3	5/11/2021	5/15/2021	1	2	4	1	0
57	Mid Atlantic Seeds	MAS #106	58	92.5	93.0	57.4	34.4	5/4/2021	5/8/2021	1	5	1	1	2
58	Mercer Brand	MBX245	59	92.1	92.6	56.2	34.3	5/9/2021	5/14/2021	1	3	3	2	1
59	AgriPro	SY 576	60	92.1	92.5	57.4	35.3	5/13/2021	5/18/2021	1	2	10	7	0
61	Mercer Brand	MBX246	61	92.0	92.5	58.5	34.7	5/10/2021	5/14/2021	1	2	4	6	2
62	AgriPro	SY 007	62	91.2	91.6	56.6	33.1	5/10/2021	5/14/2021	1	4	4	1	1
63	Mid Atlantic Seeds	MAS #2	63	90.3	90.8	57.9	35.2	5/12/2021	5/16/2021	1	4	2	2	0
64	AgriPro	SY Viper	64	88.6	89.0	57.6	35.1	5/10/2021	5/14/2021	1	15	3	2	2
65	AgriPro	SY Richie	65	88.0	88.4	56.4	33.7	5/8/2021	5/12/2021	1	4	5	2	0
66	Mid Atlantic Seeds	MAS #67	66	88.0	88.4	53.2	33.3	5/10/2021	5/13/2021	1	3	1	6	4
67	USG	USG 3230	67	87.7	88.2	57.7	31.8	5/11/2021	5/15/2021	1	4	4	6	2
Mean					100.6	56.9	34.2				4	4	3	3
CV (%)					12.9	5.0	7.9							

All the yield data and test weights are reported at the 13.5% grain moisture content
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Yield rankings are based on averaged means of 15 entries from five different locations

Leaf rust and Glume Blotch score
1-Highly Resistant, 9-Highly Susceptible

^Height Based on average mean of 9 entries from three locations
***Heading date** Based on average mean of 9 entries from three locations
#Lodging Based on average mean of 9 entries from three locations

Lodging score: 1-best 5-worst

**Please note that the FHB and DON scores are from a high disease pressure misted nursery, which may not be exact representatives of farmers' field conditions.

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More information can be found at: <https://psla.umd.edu/extension/md-crops/small-grains-maryland>

