FACTSHEET: 2021 MARYLAND WHEAT VARIETY DISEASE RATINGS

Released: 7.22.2021

Brand	ID	Statewide Yield Rank	FHB INDEX * (Based on Visual symptoms)	DON (ppm)	Leaf Rust (Scale 1-9)	Glume Blotch (Scale 1-9)	
Local Seed	LW2068	32	1.10	0.43	2	4	Moderately Resistant
Mid Atlantic Seeds	MAS #106	58	4.51	0.70	0	2	
Mid Atlantic Seeds	MAS #67	66	2.87	1.04	6	4	
AgriPro	SREXP117	54	1.79	1.08	2	0	
UMD	MDX-133	17	4.66	1.36	0	2	
AgriMAXX	503	39	1.52	1.53	5	5	
Mid Atlantic Seeds	MAS #133	18	1.74	1.65	5	5	
VCIA	Liberty 5658	37	3.67	1.83	6	5	
Local Seed	LW2958	49	1.29	1.83	3	3	
Mid Atlantic Seeds	MAS #2	63	4.03	2.10	2	0	
USG	USG 3329	20	1.73	2.15	1	1	
Mid Atlantic Seeds	MAS #86	16	1.52	2.18	2	4	
AgriMAXX	473	35	4.15	2.19	0	5	
AgriMAXX	514	4	3.33	2.20	4	2	
Local Seed	LW2148	27	2.10	2.30	0	5	
AgriMAXX	EXP2002	33	1.24	2.46	8	1	
Mid Atlantic Seeds	MAS #143	13	2.31	2.63	0	5	
Dyna-Gro	9070	42	1.68	2.67	7	3	
Local Seed	LW2848	22	5.31	2.70	4	2	
AgriMAXX	513	30	2.55	2.72	0	5	
UMD	MDX-20	40	2.11	2.80	0	0	
Dyna-Gro	9120	23	1.41	2.83	8	6	
Mercer Brand	MBX245	59	3.11	2.83	2	1	
AgriPro	SY 100	2	1.73	2.84	8	5	
AgriPro	SY Viper	64	14.77	2.85	2	2	
AgriPro	SY 547	55	3.11	2.93	7	5	
Local Seed	LW2169	1	2.87	3.00	2	1	
AgriMAXX	505	14	3.05	3.13	3	6	Moderately Susceptible
USG	USG 3232	46	2.55	3.17	0	3	
Mid Atlantic Seeds	MAS #316	24	2.39	3.30	1	4	
USG	USG 3536	34	5.57	3.30	6	2	
AgriMAXX	502	44	1.52	3.35	5	2	
VCIA	13VTK59-55	7	6.63	3.42	6	1	
USG	USG 3562	52	0.53	3.45	3	4	
Dyna-Gro	9941	10	2.09	3.57	0	4	
KWS Cereals	KWS 380	47	0.91	3.63	0	5	
Mercer Brand	MBX242	15	1.71	3.70	2	5	
UMD	MDX-291	57	2.43	3.80	0	0	
USG	EXP3000	38	11.83	3.81	0	1	
Mercer Brand	MBX246	61	2.22	3.90	6	2	

Brand	Entry Name	Statewide Yield Rank	FHB INDEX * (Based on Visual symptoms)		Leaf Rust § (Scale 1-9)	Glume blotch ¶ (Scale 1-9)	
Southern Harvest	4400	36	3.18	3.90	8	5	Moderately Susceptible
UMD	21-MDX-299	11	2.92	3.96	4	3	
KWS Cereals	KWS 340	56	12.01	3.96	0	5	
Mercer Brand	MBX223	8	3.05	4.03	2	1	
USG	USG 3230	67	4.28	4.03	6	2	
VCIA	13VTK429-3	51	5.52	4.09	0	1	
UMD	MDX-18	45	3.07	4.15	2	1	
AgriPro	SY 007	62	4.00	4.30	0	1	
Dyna-Gro	9172	31	4.68	4.63	4	3	
Mercer Brand	MBX127	26	4.07	4.65	0	1	
Mercer Brand	MBX176	29	3.25	4.67	1	3	
Southern Harvest	7200	3	9.12	4.70	2	1	
Dyna-Gro	9151	19	3.47	4.93	4	6	
Northern Star Seed	1472	21	2.66	4.93	2	1	
AgriPro	SY Richie	65	3.91	5.00	2	0	
USG	USG 3472	5	7.90	5.30	2	5	Highly Susceptible
Mercer Brand	MBX120	53	3.16	5.40	1	4	
AgriMAXX	516	9	5.97	5.95	3	5	
USG	USG 3118	43	12.89	6.05	6	2	
Mid Atlantic Seeds	MAS #139	6	4.13	6.43	5	8	
Southern Harvest	9520	25	4.48	6.60	5	1	
Dyna-Gro	WX20734	28	5.80	6.87	0	1	
Northern Star Seed	NSSEXP91	48	23.43	6.87	0	1	
USG	USG 3316	41	6.44	7.93	1	7	
AgriPro	SY 576	60	1.97	9.95	7	0	
AgriMAXX	454	12	4.82	11.00	0	5	
Northern Star Seed	1450	50	1.01	data awaited	1	0	
		Mean	4.25	3.81			
		LSD	7.34	5.23			

All the entries have been sorted according to DON values (lowest to highest)

*Please note that the FHB Index based on visual symptoms of the disease is coming from a high disease pressure misted nursery set up at Beltsville. Visual symptoms may not necessarily have high correlation with DON content values. DON content results are the true indicators of genetic resistance.

Varieties have been divided into three categories: Moderately resistant (DON content 0-3 ppm, highlighted in green), moderately susceptible (DON content 3.1-5 ppm, highlighted in orange) and highly susceptible (DON content->5ppm, highlighted in blue).

§Leaf rust was observed at adult plant stage at the Clarksville research station, UMD. The scores are based on natural inoculations, and are on a scale of 1-9, where 1= Highly Resistant and 9= Highly Susceptible

¶Glume Blotch was observed at multiple locations across the state. The scores are based on natural inoculations, and are on a scale of 1-9, where 1= Highly Resistant and 9= Highly Susceptible

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This work was supported by US Wheat and Barley Scab Initiative, Maryland Crop Improvement Association and MD Grain Utilization Producers Board. Please contact Dr. Nidhi Rawat (nidhirwt@umd.edu) in case of any questions.

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Maryland Grain Producers Utilization Board

MAES University of Maryland Agricultural Experiment Station

COLLEGE OF AGRICULTURE & NATURAL RESOURCES

UNIVERSITY OF MARYLAND EXTENSION
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FACTSHEET 2020- 2021 MARYLAND STATEWIDE WHEAT YIELD TRIAL RESULTS

			Statewide Average				Wye (WY)			Clarksville (CV)			Beltsville (BV)			Poplar Hills (PH)			Keedysville (KD)		
#	Brand	ID	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

			Statewide Average				Wye (WY)			Clarksville (CV)			Beltsville (BV)			Poplar Hills (PH)			Keedysville (KD)		
	Brand	ID	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
		Mean			100.6	56.9		100.7	56.6		104.3	55.0		91.5	58.8		89.7	60.7		115.7	54.2
		CV (%)			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 unavailble 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

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

AGRONOMY FACTSHEET 2020- 2021 MARYLAND STATEWIDE WHEAT TRIAL RESULTS

			Statewide Average				General Characteristics			
#	Brand	ID	Rank	Yield (%Mean)	Yield	Test Weight	Height^ (Avergae; inches)	Heading date*	Flowering Date	Lodging# (1-5)
1	Local Seed	LW2169	1	111.9	112.6	57.8	34.2	5/11/2021	9/14/2021	1
2	AgriPro	SY 100	2	107.4	108.1	52.6	34.1	5/11/2021	5/15/2021	1
3	Southern Harvest	7200	3	107.3	107.9	58.5	35.0	5/7/2021	5/11/2021	1
4	AgriMAXX	514	4	107.3	107.9	57.4	33.7	5/11/2021	5/14/2021	1
5	USG	USG 3472	5	106.8	107.4	58.4	34.1	5/12/2021	5/16/2021	1
6	Mid Atlantic Seeds	MAS #139	6	106.6	107.2	55.2	34.2	5/11/2021	5/15/2021	1
7	VCIA	13VTK59-55	7	105.7	106.4	55.3	34.3	5/9/2021	5/13/2021	1
8	Mercer Brand	MBX223	8	105.7	106.3	55.6	35.1	5/7/2021	5/12/2021	1
9	AgriMAXX	516	9	105.5	106.2	58.0	34.1	5/11/2021	5/15/2021	1
10	Dyna-Gro	9941	10	105.5	106.1	54.8	34.6	5/9/2021	5/14/2021	1
11	UMD	21-MDX-299	11	105.2	105.9	59.8	34.5	5/10/2021	5/15/2021	1
12	AgriMAXX	454	12	105.2	105.8	57.0	34.5	5/9/2021	5/13/2021	1
13	Mid Atlantic Seeds	MAS #143	13	105.2	105.8	57.3	33.9	5/9/2021	5/14/2021	1
14	AgriMAXX	505	14	105.1	105.8	58.7	34.2	5/9/2021	5/13/2021	1
15	Mercer Brand	MBX242	15	104.8	105.5	57.5	34.0	5/8/2021	5/11/2021	1
16	Mid Atlantic Seeds	MAS #86	16	104.7	105.3	55.3	34.2	5/10/2021	5/14/2021	1
17	UMD	MDX-133	17	104.6	105.3	55.4	34.1	5/10/2021	5/14/2021	1
18	Mid Atlantic Seeds	MAS #133	18	104.3	105.0	54.9	34.9	5/11/2021	5/15/2021	1
19	Dyna-Gro	9151	19	104.1	104.8	58.3	34.3	5/9/2021	5/12/2021	1
20	USG	USG 3329	20	103.9	104.5	55.2	34.5	5/8/2021	5/12/2021	1
21	Northern Star Seed	CP8045	21	103.9	104.5	58.0	34.1	5/13/2021	5/17/2021	1
22	Local Seed	LW2848	22	103.7	104.4	56.2	34.3	5/11/2021	5/15/2021	1
23	Dyna-Gro	9120	23	103.6	104.2	59.2	33.4	5/9/2021	5/14/2021	1
24	Mid Atlantic Seeds	MAS #316	24	103.1	103.8	56.7	34.9	5/14/2021	5/18/2021	1
25	Southern Harvest	9520	25	102.9	103.5	58.2	34.4	5/12/2021	5/16/2021	1
26	Mercer Brand	MBX127	26	102.8	103.4	58.0	34.3	5/12/2021	5/16/2021	1
27	Local Seed	LW2148	27	102.8	103.4	54.5	34.4	5/11/2021	5/16/2021	1
28	Dyna-Gro	WX20734	28	102.6	103.2	58.6	34.2	5/12/2021	5/16/2021	1
29	Mercer Brand	MBX176	29	102.5	103.1	55.9	33.0	5/11/2021	5/15/2021	1
30	AgriMAXX	513	30	102.5	103.1	57.4	34.2	5/9/2021	5/13/2021	1
31	Dyna-Gro	9172	31	101.8	102.4	57.4	34.8	5/11/2021	5/16/2021	1
32	Local Seed	LW2068	32	101.7	102.3	55.6	34.7	5/11/2021	5/15/2021	1
33	AgriMAXX	EXP2002	33	101.5	102.1	58.6	34.5	5/7/2021	5/11/2021	1
34	USG	USG 3536	34	101.3	101.9	56.8	35.2	5/10/2021	5/15/2021	1
35	AgriMAXX	473	35	101.3	101.9	57.0	34.9	5/11/2021	5/16/2021	1
36	Southern Harvest	4400	36	100.9	101.5	54.3	34.3	5/10/2021	5/14/2021	1
37	VCIA	Liberty 5658	37	100.6	101.2	58.7	33.8	5/10/2021	5/13/2021	1
38	USG	EXP3000	38	99.6	100.2	56.8	34.5	5/11/2021	5/15/2021	1
60	AgriMAXX	503	39	99.5	100.1	54.8	33.8	5/11/2021	5/15/2021	1
39	UMD	MDX-20	40	98.8	99.4	57.2	33.1	5/8/2021	5/12/2021	1
40	USG	USG 3316	41	98.6	99.1	56.2	34.7	5/11/2021	5/15/2021	1
41	Dyna-Gro	9070	42	98.5	99.1	56.6	34.2	5/6/2021	5/10/2021	1
42	USG	USG 3118	43	98.3	98.9	56.7	34.5	5/8/2021	5/12/2021	1
43	AgriMAXX	502	44	98.2	98.8	56.6	33.4	5/9/2021	5/14/2021	1
44	UMD	MDX-18	45	98.1	98.7	58.0	33.7	5/10/2021	5/14/2021	1
45	USG	USG 3232	46	97.5	98.1	58.5	34.4	5/6/2021	5/10/2021	1
46	KWS Cereals	KWS 380	47	97.5	98.1	58.9	34.2	5/8/2021	5/12/2021	1
47	Northern Star Seed	NSSEXP91	48	97.3	97.8	54.6	34.5	5/14/2021	5/19/2021	1
48	Local Seed	LW2958	49	97.1	97.5	58.7	34.7	5/10/2021	5/14/2021	1
49	Northern Star Seed	CP8081	50	97.0	97.5	56.9	33.9	5/11/2021	5/15/2021	1
50	VCIA	13VTK429-3	51	97.0	97.5	58.1	34.5	5/12/2021	5/16/2021	1
51	USG	USG 3562	52	96.5	97.0	58.1	34.2	5/10/2021	5/14/2021	1
52	Mercer Brand	MBX120	53	96.0	96.5	57.7	34.0	5/12/2021	5/16/2021	1
53	AgriPro	SREXP117	54	95.6	96.1	56.8	34.1	5/8/2021	5/13/2021	1
54	AgriPro	SY 547	55	95.6	96.1	56.2	34.9	5/12/2021	5/17/2021	1

#	Brand	ID	Rank	Yield (%Mean)	Yield	Test Weight	Height^ (Avergae; inches)	Heading date*	Flowering Date	Lodging# (1-5)
55	KWS Cereals	KWS 340	56	95.3	95.8	56.8	33.2	5/11/2021	5/16/2021	1
56	UMD	MDX-291	57	93.7	94.1	57.3	34.3	5/11/2021	5/15/2021	1
57	Mid Atlantic Seeds	MAS #106	58	92.5	93.0	57.4	34.4	5/4/2021	5/8/2021	1
58	Mercer Brand	MBX245	59	92.1	92.6	56.2	34.3	5/9/2021	5/14/2021	1
59	AgriPro	SY 576	60	92.1	92.5	57.4	35.3	5/13/2021	5/18/2021	1
61	Mercer Brand	MBX246	61	92.0	92.5	58.5	34.7	5/10/2021	5/14/2021	1
62	AgriPro	SY 007	62	91.2	91.6	56.6	33.1	5/10/2021	5/14/2021	1
63	Mid Atlantic Seeds	MAS #2	63	90.3	90.8	57.9	35.2	5/12/2021	5/16/2021	1
64	AgriPro	SY Viper	64	88.6	89.0	57.6	35.1	5/10/2021	5/14/2021	1
65	AgriPro	SY Richie	65	88.0	88.4	56.4	33.7	5/8/2021	5/12/2021	1
66	Mid Atlantic Seeds	MAS #67	66	88.0	88.4	53.2	33.3	5/10/2021	5/13/2021	1
67	USG	USG 3230	67	87.7	88.2	57.7	31.8	5/11/2021	5/15/2021	1
		Mean			100.6	56.9	34.2			
		CV (%)			12.9	5.0	7.9			

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

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

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

^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

Team

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

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