

FACTSHEET: 2020 MARYLAND WHEAT VARIETY DISEASE RATINGS

Brand	Entry Name	Statewide Yield Rank	FHB INDEX * (Based on Visual symptoms)	Leaf Rust § (Scale 1-9)	Glume blotch ¶ (Scale 1-9)
Dyna-Gro	WX20731	1	8	3	2
Mid Atlantic Seed	MAS#133	2	12	6	3
Growmark FS	FSX 745	3	12	5	2
Mid Atlantic Seed	MAS#136	4	11	5	3
AgriMAXX	AgriMAXX 505	5	7	8	3
Mid Atlantic Seed	MAS #143	6	13	2	9
Mercer	MBX 127	7	7	5	3
AgriMAXX	AgriMAXX 454	8	13	8	3
Local Wheat	LWX20A	9	10	3	3
UMD	15MW131	10	13	1	3
Dyna-Gro	WX19713	11	10	8	2
Mercer	MBX EXP2120	12	16	6	3
AgriPro	SY576	13	9	3	4
Mercer	MBX 176	14	13	8	2
Mid Atlantic Seed	MAS#128	15	17	6	2
UMD	MW133	16	9	1	5
UniSouth Genetics	USG3316	17	10	7	2
Mercer	MBX 223	18	13	7	2
CROPLAN	CP8081	19	11	5	3
Local Wheat	LW2958	20	8	7	7
UniSouth Genetics	USG3790	21	22	7	2
Local Wheat	LWX20A	22	9	6	2
VCIA / VA TECH	VA16W-202	23	24	1	2
VCIA / VA TECH	13VTK429-3	24	16	2	2
Mid Atlantic Seed	MAS#121	25	11	3	7
Mid Atlantic Seed	MAS#107	26	10	5	3
Dyna-Gro	9941	27	8	8	2
UniSouth Genetics	USG3536	28	10	3	7
Mid Atlantic Seed	MAS#35	29	13	4	2
UniSouth Genetics	USG3571	30	12	6	3
AgriMAXX	AgriMAXX 496	31	11	7	2
UMD	15MDX20	32	7	1	2
Mid Atlantic Seed	MAS #316	33	10	3	3
CROPLAN	CP9606	34	12	7	2
PIONEER	25R74	35	11	6	6
AgriPro	SY Viper	36	26	6	3
VCIA / VA TECH	Liberty 5658	37	15	6	9
AgriPro	SY Richie	38	19	1	4
Mid Atlantic Seed	MAS#130	39	19	6	3
AgriPro	SY547	40	13	4	3
UniSouth Genetics	USG3329	41	9	7	2

Brand	Entry Name	Statewide Yield Rank	FHB INDEX * (Based on Visual symptoms)	Leaf Rust § (Scale 1-9)	Glume blotch ¶ (Scale 1-9)
UMD	15MDX18	42	9	1	3
AgriMAXX	AgriMAXX EXP2003	43	9	6	3
Southern Harvest	SH7510	44	22	4	3
Dyna-Gro	WX20737	45	8	6	4
UniSouth Genetics	USG3118	46	19	1	3
AgriMAXX	AgriMAXX 473	47	10	5	7
Mid Atlantic Seed	MAS #140	48	7	7	3
Mid Atlantic Seed	MAS # 86	49	6	7	7
AgriMAXX	AgriMAXX 502	50	10	2	7
PIONEER	25R59	51	15	7	4
UMD	15MDX19	52	9	1	5
Dyna-Gro	EX70/9070	53	6	4	3
Growmark FS	FSX746	54	5	7	3
AgriMAXX	AgriMAXX 503	55	7	8	1
Mercer	MBX 932	56	10	5	7
AgriPro	SY007	57	11	3	8
Local Wheat	LW2867	58	10	7	6
AgriMAXX	AgriMAXX 495	59	12	7	3
UniSouth Genetics	USG3230	60	21	6	8
Mercer	MBX 17-M-245	61	6	7	3
AgriMAXX	AgriMAXX 415	62	8	7	2
Dyna-Gro	9932	63	17	5	3
VCIA / VA TECH	Hilliard	64	19	5	2
UMD	15MDX5	65	14	1	1
AgriMAXX	AgriMAXX 463	66	4	7	7
UniSouth Genetics	USG3221	67	4	7	9
Dyna-Gro	9750	68	9	4	7
UMD	Louisa	69	11	8	4
Southern Harvest	SH7200	70	26	1	4
AgriPro	SY100	na	7	6	1

All the entries have been sorted according to the statewide yield rank results

*Please note that FHB Index based on visual symptoms of the disease is coming from a high disease pressure misted nursery set up at Beltsville. Although, DON content results are the true indicators of genetic resistance, this year due to the COVID-19 situation, DON content analyses results are still awaited and will take longer to obtain. DON results will be provided as soon as available.

§Leaf rust was observed at adult plant stage at the Wye 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

* §¶ Cells highlighted in green indicate resistance according to the parameters listed above.

More information can be found at:

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

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**Maryland Grain Producers
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