



Delaware Small Grain Variety Trials 2025

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Acknowledgments

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They are Craig Murray of Murray Bros. Farm, Mark Davis of Davis Farms, and Rob Emerson of Emerson Farms

I would like to personally thank Buddy Willey, George Petitgout, Ward Harris, Kyler Lecates, Chad Messick, Justin Jameson, and Brian Hearn of our Carvel Farm Staff for their assistance in managing the trials. These trials would not be possible without their efforts.

Methodology

All trials were conducted in a randomized, complete block design with four total replications. The final plot length of all trials was 12 ft. More experimental details such as population, plot width, planting/harvest dates, and tillage or cultural practices can be found in the following table. Temperature and rainfall information for the growing season can be accessed at the nearest test locations from DEOS <http://www.deos.udel.edu/>

C.V. and L.S.D.

The coefficient of variation (C.V.) is a measurement of the amount of uncontrollable variability due to differences in the soil, weather, fertility, etc. The acceptable CV level is dependent on the field of the research. Medicine and pharmaceutical research have stricter CV ranges than research in agricultural sciences due to more control over outside variables. The American Association for Clinical Chemistry in ***Clinical Chemistry, Volume 35, Issue 4*** defines for agricultural studies that CV<10 is very good, 10-20 is good, 20-30 is acceptable. Please note that the C.V. is expected to be higher at dryland locations.

The least significant difference (L.S.D.; computed at a 5% level of probability) is a tool to determine if two average values are significantly different. The difference between two varieties must exceed the L.S.D. value to be considered significantly different from one another.

HOW TO BEST USE SMALL GRAIN VARIETY TRIAL INFORMATION

Information presented in this summary may be useful in selecting wheat and barley varieties for production in Delaware. To maximize the usefulness of this information, follow these suggestions:

1. Select the test location that best represents your production location. Generally, varieties are adaptable across Delaware but certain soil or climatic conditions, cultural practices, or insect/disease problems may limit the choice.
2. Multiple-year average (means) across the greatest number of years are the best predictors of performance. Refer to previous test reports for information to evaluate wheat and barley varieties which are of interest to you. Comparison between your selected variety and the grand mean for your closest test location will be helpful in identifying superior varieties for your area.
3. Check the grand mean for the long-term averages and compare with your own production experience. If your yields have been consistently below these grand mean levels, you should evaluate each part of your management system for potential areas of improvement.

2025 Delaware Wheat Variety Trial Entries

<u>Brand</u>	<u>Variety</u>	<u>Seed Treatment</u>
AgriMAXX Wheat	505	Prime ST
AgriMAXX Wheat	513	Prime ST
AgriMAXX Wheat	516	Prime ST
AgriMAXX Wheat	525	Prime ST
AgriMAXX Wheat	543	Prime ST
AgriMAXX Wheat	545	Prime ST
AgriMAXX Wheat	553	Prime ST
AgriMAXX Wheat	Exp. 2410	Prime ST
Elite Pro Wheat	EP Exp. 83	Cruiser Maxx Vibrance
Elite Pro Wheat	EP Exp. 34	Cruiser Maxx Vibrance
Elite Pro Wheat	EP Exp. 17	Cruiser Maxx Vibrance
FS Inspire Wheat	FS Inspire 745	Vibrance Extreme
FS Inspire Wheat	FS Inspire 747	Vibrance Extreme
FS Inspire Wheat	FS Inspire 748	Vibrance Extreme
FS Inspire Wheat	FS Inspire 749	Vibrance Extreme
MBX	MBX Exp. 217	Vibrance Extreme, Cruiser Maxx
MBX	MBX Exp. 494	Vibrance Extreme, Cruiser Maxx
MBX	MBX 413	Helena Seed Shield
MBX	MBX 127	Helena Seed Shield
MBX	MBX 230	Helena Seed Shield
MBX	MBX 360	Helena Seed Shield
Mid-Atlantic Seeds	MAS 86	MAS PROSHIELD
Mid-Atlantic Seeds	MAS 155	MAS PROSHIELD
Mid-Atlantic Seeds	MAS 190	MAS PROSHIELD
Mid-Atlantic Seeds	MAS 106	MAS PROSHIELD
Mid-Atlantic Seeds	MAS 133	MAS PROSHIELD

Mid-Atlantic Seeds	MAS 226	MAS PROSHIELD
Mid-Atlantic Seeds	MAS 252	MAS PROSHIELD
Mid-Atlantic Seeds	MAS 139	MAS PROSHIELD
Mid-Atlantic Seeds	MAS 2	MAS PROSHIELD
Mid-Atlantic Seeds	MAS 316	MAS PROSHIELD
Mid-Atlantic Seeds	MAS 67	MAS PROSHIELD
Mid-Atlantic Seeds	MAS 205	MAS PROSHIELD
Mid-Atlantic Seeds	MAS 225	MAS PROSHIELD
Pioneer	P25R499	LumiGEN
Pioneer	25R74	LumiGEN
Pioneer	P25R800	LumiGEN
Pioneer	26R59	LumiGEN
USG	Exp. 3556	Vibrance Extreme, Cruiser Maxx
USG	3673	Rancona, Metalaxy, Imidiclopid
USG	3661	Rancona, Metalaxy, Imidiclopid
USG	3755	Rancona, Metalaxy, Imidiclopid
USG	3875	Rancona, Metalaxy, Imidiclopid
USG	3234	Rancona, Metalaxy, Imidiclopid
USG	3352	Rancona, Metalaxy, Imidiclopid
USG	3354	Rancona, Metalaxy, Imidiclopid
USG	3246	Rancona, Metalaxy, Imidiclopid
USG	3363	Rancona, Metalaxy, Imidiclopid
VCIA	VT Pitman	Foothold Virock
Virginia Tech	VA20FHB-18	Foothold Virock
Virginia Tech	18VTK10-77	Foothold Virock
Virginia Tech	17VDH-SRW02-125	Foothold Virock
Virginia Tech	17VTK4-29	Foothold Virock

Wheat		
	Carvel Rec - Georgetown	Emerson Farms - Middletown
Number of Entries	53	53
Target Population	1.5 million seeds/acre	1.5 million seeds/acre
Plot Length	12	12
Plot Width	5.625	5.625
Spacing	9 rows, 7.5 inch (drilled)	9 rows, 7.5 inch (drilled)
Planter	Wintersteiger Plot Research Drill	Wintersteiger Plot Research Drill
Harvester	Almaco R1 combine	Almaco R1 combine
Grain Analysis	Harvest Master H2 Classic	Harvest Master H2 Classic
Number of Replications	4	4
Planting Date	10/18/2024	11/12/2024
Harvest Date	6/25/2025	7/5/2025
Soil Type	Ingleside Loamy Sand	Reybold- Queponco complex- Silt Loam
Previous Crop	corn	corn
Tillage Practices	chisel plow/disc	chisel plow/disc/turbo tilled
Fertilization	350lb/a 7-0-40 10/12/2024 (N-Sul) 1st app. 60 pounds 2/26/2025 2nd app. 60 pounds 4/5/2025	(N-Sul) 1st app. 60 pounds 3/13/2025 2nd app. 60 pounds 4/11/2025
Herbicide	Harmony SG 9 oz/acre on 4/5/2025	Harmony SG 9 oz/acre on 4/11/2025
Insecticide/Fungicide	Miravis Neo 17 oz/acre, Warrior 2oz/acre on 4/28/2025 and 5/12/2025	none
Irrigation	Linear	dryland

Wheat		
	Murray Brothers Farm - Selbyville	Davis Farms - Harrington
Number of Entries	53	53
Target Population	1.5 million seeds/acre	1.5 million seeds/acre
Plot Length	12	12
Plot Width	5.625	5.625
Spacing	9 rows, 7.5 inch (drilled)	9 rows, 7.5 inch (drilled)
Planter	Wintersteiger Plot Research Drill	Wintersteiger Plot Research Drill
Harvester	Almaco R1 combine	Almaco R1 combine
Grain Analysis	Harvest Master H2 Classic	Harvest Master H2 Classic
Number of Replications	4	4
Planting Date	11/25/2024	11/15/2024
Harvest Date	7/6/2025	7/1/2025
Soil Type	Mullica-Berryland Complex	Unicorn Loam, Pineyneck Loam
Previous Crop	corn	corn
Tillage Practices	disc	turbo tilled
Fertilization	(N-Sul) 1st app. 60 pounds 3/3/2025 2nd app. 60 pounds 4/11/2025	(N-Sul) 1st app. 60 pounds 3/14/2025 2nd app. 60 pounds 4/11/2025
Herbicide	Harmony SG 9 oz/acre on 4/11/2025	Harmony SG 9 oz/acre on 4/11/2025
Insecticide/Fungicide	none	none
Irrigation	Center Pivot	Center Pivot

Barley

	Carvel Rec - Georgetown
Number of Entries	11
Target Population	1.5 million seeds/acre
Plot Length	12
Plot Width	5.625
Spacing	9 rows, 7.5 inch (drilled)
Planter	Wintersteiger Plot Research Drill
Harvester	Massey Ferguson Plot Combine
Grain Analysis	Harvest Master H2 Classic
Number of Replications	5
Planting Date	10/18/2024
Harvest Date	6/24/2025
Soil Type	Ingleside Loamy sand
Previous Crop	Cover Crop Mix
Tillage Practices	disc, turbo tilled
Fertilization	350lb/a 7-0-40 10/12/2024 (N-Sul) 1st app. 60 pounds 2/26/2025 2nd app. 60 pounds 4/5/2025
Herbicide	Harmony SG 9 oz/acre on 4/5/2025
Insecticide/Fungicide	Miravis Neo 17 oz/acre, Warrior 2oz/acre on 4/28/2025 and 5/12/2025
Irrigation	Linear

2025 Georgetown Wheat Variety Trial

<u>Brand</u>	<u>Rank</u>	<u>Variety</u>	<u>Yield (Bu)</u>	<u>Moisture (Harvest)</u>	<u>Test Weight</u>
USG	1	3755	154.7	10.8	59.9
Mid-Atlantic Seeds	2	MAS 226	145.6	10.6	59.8
Mid-Atlantic Seeds	3	MAS 190	143.3	10.8	60.3
Mid-Atlantic Seeds	4	MAS 139	138.5	10.6	58.8
FS Inspire Wheat	5	FS Inspire 748	138.2	10.7	58.6
AgriMAXX Wheat	6	516	138.2	10.3	59.2
MBX	7	MBX 127	137.5	10.6	58.5
VCIA	8	VT Pitman	136.8	10.3	60.5
FS Inspire Wheat	9	FS Inspire 745	133.6	10.7	59.7
USG	10	3875	133.6	10.8	58.7
Virginia Tech	11	18VTK10-77	132.3	11.2	60.4
USG	12	3673	131.7	11.0	58.3
Pioneer	13	26R59	131.2	9.5	62.8
AgriMAXX Wheat	14	505	130.5	10.7	59.7
AgriMAXX Wheat	15	545	129.5	11.1	58.5
MBX	16	MBX 360	129.3	10.4	58.6
USG	17	3661	129.1	10.3	58.6
Mid-Atlantic Seeds	18	MAS 252	128.9	10.9	58.8
AgriMAXX Wheat	19	Exp. 2410	128.8	10.4	58.7
AgriMAXX Wheat	20	553	128.5	10.8	58.9
Elite Pro Wheat	21	EP Exp. 17	128.4	10.8	58.7
Virginia Tech	22	VA20FHB-18	128.0	10.6	59.8

Elite Pro Wheat	23	EP Exp. 83	128.0	10.7	58.13
USG	24	Exp. 3556	127.8	11.1	58.7
Mid-Atlantic Seeds	25	MAS 133	127.8	11.2	58.8
FS Inspire Wheat	26	FS Inspire 747	127.5	11.1	58.8
Pioneer	27	25R74	127.5	10.5	59.3
MBX	28	MBX Exp. 494	126.6	10.3	58.4
AgriMAXX Wheat	29	513	125.1	10.7	58.4
Mid-Atlantic Seeds	30	MAS 67	125.0	10.8	58.4
USG	31	3352	124.7	10.8	58.4
USG	32	3354	124.4	11.6	57.6
MBX	33	MBX Exp. 217	123.9	10.5	58.2
MBX	34	MBX 413	123.7	10.5	58.1
AgriMAXX Wheat	35	543	123.2	10.6	57.6
Mid-Atlantic Seeds	36	MAS 155	122.6	10.8	58.5
USG	37	3246	120.2	10.8	59.5
Mid-Atlantic Seeds	38	MAS 205	120.1	10.8	59.1
USG	39	3363	119.9	10.7	58.0
AgriMAXX Wheat	40	525	119.1	10.3	58.7
MBX	41	MBX 230	119.1	10.3	57.2
Mid-Atlantic Seeds	42	MAS 86	119.1	10.7	57.6
USG	43	3234	118.3	10.9	60.7
Virginia Tech	44	17VDH-SRW02-125	117.8	10.7	59.5
Pioneer	45	P25R800	117.3	10.4	58.6
Mid-Atlantic Seeds	46	MAS 316	113.5	10.6	57.8

Mid-Atlantic Seeds	47	MAS 225	113.4	10.8	58.2
Elite Pro Wheat	48	EP Exp. 34	113.2	11.0	58.0
Pioneer	49	P25R499	108.1	10.3	58.7
FS Inspire Wheat	50	FS Inspire 749	108.0	10.9	58.9
Virginia Tech	51	17VTK4-29	107.0	11.3	58.1
Mid-Atlantic Seeds	52	MAS 2	106.0	11.3	59.9
Mid-Atlantic Seeds	53	MAS 106	96.3	10.8	59.0

Bolded varieties do not statistically differ from top yielding variety

LSD P=.05

17.74

All yield data adjusted to 13.5% moisture

CV

8.7

No lodging was observed

Mean

125.5

2025 Kent Wheat Variety Trial

<u>Brand</u>	<u>Rank</u>	<u>Variety</u>	<u>Yield (Bu)</u>	<u>Moisture (Harvest)</u>	<u>Test Weight</u>
USG	1	3673	107.0	11.9	59.5
Virginia Tech	2	17VTK4-29	104.0	12.4	57.7
Mid-Atlantic Seeds	3	MAS 252	103.8	12.2	57.7
Virginia Tech	4	18VTK10-77	103.7	12.0	61.0
Elite Pro Wheat	5	EP Exp. 83	103.1	11.7	59.0
VCIA	6	VT Pitman	102.9	11.6	61.0
FS Inspire Wheat	7	FS Inspire 749	102.8	11.8	60.3
MBX	8	MBX 230	101.8	11.9	59.8
Mid-Atlantic Seeds	9	MAS 67	100.6	11.9	59.3
USG	10	3661	98.8	12.4	60.1
USG	11	3363	97.2	11.8	59.5
Mid-Atlantic Seeds	12	MAS 86	96.5	12.1	59.8
USG	13	3755	94.7	12.5	58.5
USG	14	3875	94.3	12.2	59.4
USG	15	3354	92.7	12.6	59.4
Mid-Atlantic Seeds	16	MAS 133	91.9	12.1	58.9
AgriMAXX Wheat	17	505	91.2	11.9	61.1
Mid-Atlantic Seeds	18	MAS 225	90.9	12.5	59.4
Mid-Atlantic Seeds	19	MAS 139	89.8	12.0	57.8
Mid-Atlantic Seeds	20	MAS 205	89.8	12.6	60.5
Mid-Atlantic Seeds	21	MAS 226	89.4	11.9	60.4
MBX	22	MBX 360	89.3	12.1	58.3

USG	23	3246	89.1	12.2	60.8
AgriMAXX Wheat	24	Exp. 2410	89.0	12.4	58.5
AgriMAXX Wheat	25	525	88.8	12.4	59.7
MBX	26	MBX 413	88.7	11.9	59.6
USG	27	Exp. 3556	88.6	12.2	56.5
MBX	28	MBX Exp. 494	88.1	11.9	59.2
Mid-Atlantic Seeds	29	MAS 2	87.9	12.6	60.3
Virginia Tech	30	VA20FHB-18	87.7	11.8	60.6
FS Inspire Wheat	31	FS Inspire 745	87.5	12.5	59.0
Mid-Atlantic Seeds	32	MAS 155	86.8	12.3	57.6
Pioneer	33	26R59	86.7	12.4	58.0
AgriMAXX Wheat	34	553	86.2	11.8	58.7
AgriMAXX Wheat	35	545	85.7	12.3	58.3
FS Inspire Wheat	36	FS Inspire 748	83.6	11.7	61.2
Elite Pro Wheat	37	EP Exp. 34	83.6	11.7	59.2
Mid-Atlantic Seeds	38	MAS 190	83.4	12.5	58.6
Pioneer	39	P25R800	83.4	11.8	59.5
AgriMAXX Wheat	40	543	83.2	12.0	60.0
USG	41	3234	83.2	12.3	61.6
USG	42	3352	81.6	12.1	59.2
MBX	43	MBX Exp. 217	80.9	11.8	60.6
Mid-Atlantic Seeds	44	MAS 316	80.4	12.1	59.6
AgriMAXX Wheat	45	513	79.7	12.2	60.4
Elite Pro Wheat	46	EP Exp. 17	79.6	12.0	61.7

Virginia Tech	47	17VDH-SRW02-125	79.2	12.1	61.0
MBX	48	MBX 127	76.8	12.0	60.4
Mid-Atlantic Seeds	49	MAS 106	76.7	12.1	60.9
Pioneer	50	25R74	72.7	11.7	59.5
AgriMAXX Wheat	51	516	72.5	12.0	59.9
Pioneer	52	P25R499	71.7	12.4	56.5
FS Inspire Wheat	53	FS Inspire 747	69.9	11.8	60.2

Bolded varieties do not statistically differ from top yielding variety

LSD P=.05

18.24

All yield data adjusted to 13.5% moisture

CV

9.73

No lodging was observed

Mean

88.7

2025 Selbyville Wheat Variety Trial

<u>Brand</u>	<u>Rank</u>	<u>Variety</u>	<u>Yield (Bu)</u>	<u>Moisture (Harvest)</u>	<u>Test Weight</u>
Virginia Tech	1	VA20FHB-18	111.5	12.5	59.0
MBX	2	MBX 230	99.8	13.4	60.1
USG	3	3673	99.2	12.1	59.8
USG	4	3363	98.3	12.4	59.4
USG	5	3234	97.5	11.5	58.7
VCIA	6	VT Pitman	96.2	11.7	58.6
AgriMAXX Wheat	7	Exp. 2410	92.6	11.4	58.5
MBX	8	MBX Exp. 217	91.6	12.5	60.1
FS Inspire Wheat	9	FS Inspire 748	91.4	12.6	60.5
MBX	10	MBX Exp. 494	91.0	11.9	60.0
USG	11	3755	89.9	11.7	59.0
Mid-Atlantic Seeds	12	MAS 67	89.7	10.4	59.4
Pioneer	13	P25R800	89.0	10.2	59.6
Mid-Atlantic Seeds	14	MAS 226	88.6	10.7	59.4
Mid-Atlantic Seeds	15	MAS 86	87.4	11.4	58.5
Elite Pro Wheat	16	EP Exp. 17	87.4	12.3	58.0
AgriMAXX Wheat	17	553	87.3	13.0	58.4
USG	18	3354	87.0	12.9	58.1
Mid-Atlantic Seeds	19	MAS 252	87.0	13.1	59.1
Virginia Tech	20	17VTK4-29	86.1	10.7	59.6
Mid-Atlantic Seeds	21	MAS 139	85.7	11.4	58.3
USG	22	3246	84.0	11.8	59.0

Virginia Tech	23	18VTK10-77	84.0	11.4	59.4
FS Inspire Wheat	24	FS Inspire 745	83.0	11.7	58.2
USG	25	Exp. 3556	83.0	12.4	57.9
MBX	26	MBX 413	80.9	12.9	58.4
Mid-Atlantic Seeds	27	MAS 316	80.9	12.3	58.2
USG	28	3875	80.7	12.2	58.1
Virginia Tech	29	17VDH-SRW02-125	80.7	12.5	59.2
Elite Pro Wheat	30	EP Exp. 83	80.2	12.2	59.7
AgriMAXX Wheat	31	525	79.8	11.8	57.9
Elite Pro Wheat	32	EP Exp. 34	79.4	11.7	58.6
MBX	33	MBX 360	78.0	11.7	59.2
AgriMAXX Wheat	34	545	77.7	11.0	58.3
MBX	35	MBX 127	77.7	11.9	58.6
AgriMAXX Wheat	36	543	77.5	12.4	59.5
FS Inspire Wheat	37	FS Inspire 747	77.4	12.1	58.6
USG	38	3352	77.0	13.1	58.5
Mid-Atlantic Seeds	39	MAS 225	77.0	12.7	58.4
Pioneer	40	25R74	76.1	12.5	58.1
Mid-Atlantic Seeds	41	MAS 190	75.9	12.2	58.0
USG	42	3661	75.8	13.2	58.0
Pioneer	43	26R59	75.5	13.1	59.2
AgriMAXX Wheat	44	505	74.9	13.1	60.1
AgriMAXX Wheat	45	513	74.1	12.6	60.5
Mid-Atlantic Seeds	46	MAS 133	73.9	12.3	60.2

Mid-Atlantic Seeds	47	MAS 155	73.4	11.8	59.0
AgriMAXX Wheat	48	516	72.3	10.8	59.6
Mid-Atlantic Seeds	49	MAS 2	70.7	10.7	57.8
FS Inspire Wheat	50	FS Inspire 749	68.9	10.9	58.6
Mid-Atlantic Seeds	51	MAS 205	68.8	10.9	58.1
Pioneer	52	P25R499	62.8	11.8	58.9
Mid-Atlantic Seeds	53	MAS 106	56.9	11.4	58.7

Bolded varieties do not statistically differ from top yielding variety

LSD P=.05

16.07

All yield data adjusted to 13.5% moisture

CV

9.45

No lodging was observed

Mean

82.5

2025 Middletown Wheat Variety Trial

<u>Brand</u>	<u>Rank</u>	<u>Variety</u>	<u>Yield (Bu)</u>	<u>Moisture (Harvest)</u>	<u>Test Weight</u>
Virginia Tech	1	18VTK10-77	109.7	12.0	60.2
Virginia Tech	2	17VTK4-29	103.7	11.7	60.4
USG	3	3354	103.2	12.4	60.0
Virginia Tech	4	VA20FHB-18	103.2	11.7	59.8
Mid-Atlantic Seeds	5	MAS 67	99.6	11.8	59.2
USG	6	3673	98.2	11.9	59.0
VCIA	7	VT Pitman	98.1	11.3	59.6
USG	8	3234	96.3	12.1	58.2
Mid-Atlantic Seeds	9	MAS 226	95.6	11.0	58.4
USG	10	3246	94.1	12.3	57.9
AgriMAXX Wheat	11	543	94.0	11.8	58.2
AgriMAXX Wheat	12	513	92.1	11.6	59.7
Virginia Tech	13	17VDH-SRW02-125	91.7	11.8	59.5
MBX	14	MBX Exp. 217	91.1	11.7	59.0
Elite Pro Wheat	15	EP Exp. 34	91.1	11.5	57.8
FS Inspire Wheat	16	FS Inspire 747	90.3	11.3	60.3
Mid-Atlantic Seeds	17	MAS 86	90.1	12.2	60.8
Mid-Atlantic Seeds	18	MAS 205	89.5	12.2	58.1
USG	19	3363	84.7	11.8	60.7
Mid-Atlantic Seeds	20	MAS 316	84.5	11.7	59.5
MBX	21	MBX 413	84.4	11.8	59.7
USG	22	3755	84.2	11.8	59.3

Mid-Atlantic Seeds	23	MAS 252	84.0	12.0	59.2
Pioneer	24	P25R800	83.6	12.1	59.0
Elite Pro Wheat	25	EP Exp. 83	83.1	12.0	58.0
Pioneer	26	25R74	82.8	11.6	58.4
USG	27	3661	82.7	12.2	58.9
Pioneer	28	26R59	82.7	12.6	58.1
MBX	29	MBX 230	81.9	12.2	58.5
Elite Pro Wheat	30	EP Exp. 17	81.8	11.7	59.6
AgriMAXX Wheat	31	Exp. 2410	81.2	11.2	60.1
Mid-Atlantic Seeds	32	MAS 225	80.5	11.9	57.7
MBX	33	MBX 360	80.3	11.3	59.0
FS Inspire Wheat	34	FS Inspire 745	79.7	12.8	59.3
USG	35	3352	79.4	12.0	58.9
FS Inspire Wheat	36	FS Inspire 748	78.4	11.4	59.6
AgriMAXX Wheat	37	505	78.4	12.0	58.9
Mid-Atlantic Seeds	38	MAS 2	78.4	12.4	59.2
AgriMAXX Wheat	39	553	77.9	11.5	58.3
AgriMAXX Wheat	40	545	77.7	11.5	57.6
MBX	41	MBX Exp. 494	76.8	12.2	58.1
FS Inspire Wheat	42	FS Inspire 749	75.7	12.0	59.0
AgriMAXX Wheat	43	525	74.9	12.1	58.4
MBX	44	MBX 127	74.6	12.1	58.1
AgriMAXX Wheat	45	516	74.2	12.2	58.0
Pioneer	46	P25R499	74.0	12.2	59.3

Mid-Atlantic Seeds	47	MAS 106	73.2	12.1	58.7
USG	48	Exp. 3556	73.0	11.3	57.8
Mid-Atlantic Seeds	49	MAS 155	72.9	12.4	57.2
Mid-Atlantic Seeds	50	MAS 133	72.4	11.9	56.9
Mid-Atlantic Seeds	51	MAS 190	72.2	11.9	58.2
USG	52	3875	71.7	11.7	58.0
Mid-Atlantic Seeds	53	MAS 139	69.5	12.1	57.9

Bolded varieties do not statistically differ from top yielding variety

LSD P=.05

8.82

All yield data adjusted to 13.5% moisture

CV

7.48

No lodging was observed

Mean

84.5

2025 Georgetown Barley Variety Trial

<u>Brand</u>	<u>Rank</u>	<u>Variety</u>	<u>Yield (Bu)</u>	<u>Moisture (Harvest)</u>	<u>Test Weight</u>	<u>Lodging</u>
KWS Cereals	1	Antonis	155.0	9.6	48.5	2
KWS Cereals	2	Avatis	154.9	9.5	48.1	3
KWS Cereals	3	Chillis	148.2	10.0	47.9	2
VCIA	4	Marouetta	145.1	9.5	47.4	3
VCIA	5	Secretariat	125.9	10.2	47.6	3
Limagrain Seeds	6	13458a7	125.5	9.7	48.2	3
Limagrain Seeds	7	13184p2	115.2	9.7	47.4	3
VCIA	8	Avalon	107.7	10.3	47.8	3
VCIA	9	Greg	103.5	12.5	46.9	4
VCIA	10	VT Beahm	93.0	9.9	46.7	4
Limagrain Seeds	11	BC Leandra	88.6	13.3	47.2	4

Bolded varieties do not statistically differ from top yielding variety

LSD P=.05

16.49

All yield data adjusted to 13.5% moisture

Lodging Scale

CV

8.12

1= Almost all plants erect

Mean

123.9

2= All plants leaning slightly or a few plants down

3= All plants leaning moderately (45 degree angle), or

25-50% of plants down

4= All plants leaning considerably, or 50-80% of plants down