

University of Delaware

**Winter Malt Barley Trial 2019**

*One of 29 locations nationwide coordinated by U. of Minnesota*

Location: Georgetown, De.

2019

Variety	Yield bu/a		Harvest Moisture	T.W.	2 or 6 row	Heading (Julian)	Height (in.)
Thoroughbred	142.46	a	15.2	43.4	6	112	28.7
Flavia	141.56	ab	16.9	41.0	2	119	23.0
Lyberac	135.43	abc	16.7	40.0	2	116	24.7
Rossignola	135.36	abc	15.0	43.0	6	116	25.7
AC10/028/53	134.67	abc	15.6	44.9	6	115	30.0
08ARS509-1	129.73	a-d	17.8	38.5	2	113	25.0
ENDEAVOR	127.66	a-e	16.6	39.6	2	117	28.7
08ARS632-5	126.81	a-e	14.8	41.0	2	114	26.7
DH140088	121.76	a-f	15.5	39.7	2	116	26.7
WINTMALT	120.67	b-f	16.3	40.2	2	120	26.3
Hirondella	119.95	c-f	18.9	41.4	6	117	28.3
DH130910	114.81	c-f	16.8	42.5	2	115	26.3
DH140963	113.2	def	15.8	39.9	2	119	24.0
13ARS537-19	108.59	ef	17.9	43.6	2	112	21.3
DH120304	107.96	ef	15.8	38.2	2	118	27.3
CHARLES	107.92	ef	15.8	37.8	2	112	21.3
13ARS537-13	103.58	f	15.8	43.1	2	112	21.7

LSD P=.05                    21.00  
CV                                10.22  
Grand Mean                    123.07

Means followed by same letter or symbol do not significantly differ (P=.05, LSD).



**Barley 1 2019**

Trial ID: Barley 1 2019 Location: Georgetown

Variety	Institution or Company	Yield bu./A		Moisture at Harvest	T.W.	Height (in.)	Heading (Julian date)	2 or 6 row
Nomini	Va Tech	137.3	a	19.5	48.1	27	116	6
Thoroughbred	Va Tech	134.2	a	17.5	50.5	31.5	112.5	6
Secretariat	Va Tech	129.8	ab	18.7	49.33	30	112	6
Hirondella	Va Tech	126.0	abc	19.7	45.83	31	115.5	6
Flavia	Va Tech	121.7	abc	18.9	48.7	30	112	2
VA11B-141LA	Va Tech	114.6	bc	18.8	52.33	30	113.5	6
Amaze 10	Va Tech	111.4	c	17.4	47.43	31	112	6
Violetta	Lima Grain	111.0	c	17.9	41.7	30.5	113	2

LSD P=.05	15.83	1.356	1.685
CV	8.74	4.96	2.4
Grand Mean	<b>123.23</b>	18.38	47.37

Means followed by same letter or symbol do not significantly differ (P=.05, LSD).

B

Latitude	38.637775	
Longitude	-75.457745	
Elevation	48'	
Soil type	RoA	Rosedale loamy sand (0-2% OM)
Location	Georgetown	De.
Previous crop	Corn	
Irrigation	yes, but only 1x	
Plant	10/5/2018	
Pre plant fert	7-0-40	300 lbs./A
	0-0-60	120 lbs./A
1st topdress	2/27/2019 50 lbs N total (N-sul)	
2nd topdress	3/26/2019 50 lbs N total (N-sul) w Harmony SG @ .9 ozs./A	
Insecticide	4/30/2019 Warrior II for cereal leaf beetle	
Harvest	6/3/2029 WMBT	
	6/8/2019 Barley 1	

Crop looked very good all year. No problems coming out of winter.

No lodging issues, or serious disease issues