

## FACTSHEET 2020-2021 MARYLAND STATEWIDE BARLEY YIELD TRIAL RESULTS

#	Brand	ID	Statewide Averages				Clarksville			Wye			Other Agronomic Characteristics					
			Rank	Yield (% Mean)	Yield	Test Weight	Rank	Yield	Test Weight	Rank	Yield	Test Weight	Awned	Rows	Height * (cm)	Heading Date^	Flowering Date**	
1	VCIA/Virginia Tech	Secretariate	1	120.6	107.5	51.4	2.0	120.0	51.7	1.0	94.9	51.2	Y	6row	66.7	4/25/2021	4/29/2021	
2	VCIA/Virginia Tech	Hirondella	2	118.8	105.9	47.9	3.0	120.0	46.6	2.0	91.8	49.1	Y	6row	68.7	5/3/2021	5/7/2021	
3	LCS	BC Clementine	3	118.1	105.2	51.9	1.0	123.6	50.0	4.0	86.8	53.7	Y	2row	64.7	4/30/2021	5/4/2021	
4	KWS Cereals	KWS Faro	4	110.2	98.2	49.5	10.0	113.0	46.9	6.0	83.3	52.2	Y	6row	60.7	4/29/2021	5/3/2021	
5	Check from VTech	Thoroughbred	5	108.8	96.9	49.9	16.0	104.0	47.9	3.0	89.9	51.9	Y	6row	63.0	4/29/2021	5/3/2021	
6	KWS Cereals	KWS Donau	6	105.2	93.7	49.8	4.0	116.5	48.6	10.0	71.0	51.1	Y	2row	67.7	5/4/2021	5/8/2021	
7	VCIA/Virginia Tech	Avalon (VA16M-81 2R)	7	105.0	93.6	53.0	8.0	114.3	51.9	8.0	72.8	54.0	Y	2row	81.7	4/26/2021	4/30/2021	
8	LCS	Calyspo	8	104.8	93.4	50.1	12.0	110.1	48.4	7.0	76.7	51.8	Y	2row	67.7	4/28/2021	5/2/2021	
9	KWS Cereals	KWS Joyau	9	105.0	93.5	49.2	18.0	101.4	48.0	5.0	85.6	50.4	Y	6row	53.3	4/28/2021	5/2/2021	
10	Check from VTech	Nomini	10	98.4	87.7	49.4	7.0	115.0	47.2	14.0	60.4	51.5	N	6row	93.3	4/22/2021	4/26/2021	
11	VCIA/Virginia Tech	Amaze 10	11	98.8	88.0	63.8	13.0	110.0	60.7	11.0	66.0	66.9	Y	6row	77.0	5/2/2021	5/6/2021	
12	LCS	Violetta	12	97.5	86.9	50.1	11.0	112.1	48.6	13.0	61.6	51.5	Y	2row	67.3	4/27/2021	5/1/2021	
13	LCS	BC Fay	13	97.8	87.2	49.4	14.0	108.4	48.0	12.0	65.9	50.8	Y	2row	62.3	4/29/2021	5/3/2021	
14	VCIA/Virginia Tech	Flavia	14	97.7	87.1	48.3	17.0	102.9	46.0	9.0	71.2	50.6	Y	6row	55.7	4/30/2021	5/4/2021	
15	KWS Cereals	KWS Somerset	15	92.4	82.3	50.3	5.0	115.6	49.0	17.0	49.0	51.5	Y	2row	71.3	5/6/2021	5/10/2021	
16	VCIA/Virginia Tech	VA16BFHB-268 NA	16	90.7	80.8	45.6	6.0	115.6	46.6	19.0	46.0	44.6	N	6row	87.0	4/22/2021	4/26/2021	
17	VCIA/Virginia Tech	VA16M-84 2R	17	87.5	77.9	53.2	15.0	105.2	52.0	16.0	50.6	54.5	Y	2row	84.3	4/30/2021	5/4/2021	
18	KWS Cereals	KWS Scala	18	79.9	71.2	47.9	19.0	83.0	46.1	15.0	59.5	49.6	Y	2row	56.7	4/30/2021	5/4/2021	
19	VCIA/Virginia Tech	VA15H-73 2R	19	62.6	59.7	60.2	20.0	72.0	60.6	18.0	47.5	59.8	Y	2row	77.0	4/26/2021	4/30/2021	
20	UMD	MDB_EF_21***	NA	NA	NA	NA	9	113.4	58.1	NA	NA	NA	N	6row	91.2	4/14/2021	4/19/2021	
<b>Mean</b>					89.3	51.1				108.6	50.1	70.0	52.5	70.9				
<b>CV (%)</b>					12.9	8.4				10.8	2.69	12.1	6.8	6.9				

Yield rankings are based on averaged means of 6 entries from two different locations

Yield = bu/A

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

Test Weight = lbs/bu

\*\*\*UMD Variety MDB\_21\_EFM: Only one location data is available for this line that's why it was not included in the statewide rank

All the yield and test weight values are reported at 13.5% grain moisture content

\*Heading date is based on the averages of two locations

\*\*Flowering date is based on the averages of two locations

^Height is based on the averages of two locations

### Team

Mr. Louis Trorne  
 Mr. Joseph Crank  
 Mr. Adam Schoen  
 Mr. Bhavit Chhabra  
 Mr. Taylor Schulden  
 Ms. Shana Burke  
 Dr. Nidhi Rawat  
 Dr. Vijay Tiwari

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

