

FACTSHEET 2023- 2024 MARYLAND STATEWIDE Barley YIELD TRIAL RESULTS






Brand	Variety	Statewide Average				Clarksville (CV)				Beltsville (BV)				AGRONOMIC CHARACTERISTICS AND DISEASE DATA					
		Rank	Yield (% mean)	Yield (bu/A)	Test Weight (lbs/bu)	Rank	Yield (% mean)	Yield (bu/A)	Test Weight (lbs/bu)	Rank	Yield (% mean)	Yield (bu/A)	Test Weight (lbs/bu)	Flowering Date (Julian)	Plant Height (in)	Leaf Rust (0-9)	Pythium and soil issues	FHB (0-9)	DON (ppm)
VCIA	20211573	1	137.25	125.4	52.9	1	139.7	144.2	43.2	2	150.4	106.5	62.6	109	30.3	0	3	1	0.7
VCIA	Hirondella	2	126.53	115.6	42.8	2	137.4	141.9	43.3	5	126.0	89.2	42.3	106	33.5	1	4	1	3.4
VCIA	Secretariat	3	113.27	103.4	45.5	8	94.9	98.0	42.8	1	157.6	111.7	49.7	115	18.5	0	2	5	2.6
UMD	MDB21-283	4	106.44	97.2	43.2	5	106.2	109.6	39.8	7	102.1	72.4	46.6	108	30.3	0	2	4	2.5
VCIA	VT Beahm	5	106.43	97.2	43.5	3	120.5	124.4	40.0	8	98.8	70.0	47.1	108	13.0	0	6	2	2.4
BreunC	BC Clementine	6	102.07	93.2	38.9	6	105.3	108.7	41.1	10	87.9	62.2	34.6	108	29.5	1	9	1	2.0
UMD	MDB21-781	7	99.05	90.5	44.5	4	112.1	115.7	44.7	9	92.0	65.2	44.4	108	31.5	0	2	3	2.8
UMD	MDB21-518-DW	8	97.21	88.8	43.5	9	94.8	97.8	41.2	11	87.0	61.6	50.4	115	18.5	0	2	7	3.9
VCIA	Marouetta	9	96.47	88.1	44.3	7	99.7	102.9	40.6	6	103.4	73.3	47.9	105	25.6	1	2	1	2.2
BreunC	BC Fay	10	90.16	82.3	44.8	10	93.7	96.7	52.0	12	75.7	53.7	30.5	106	28.0	1	7	1	1.6
VCIA	Avalon	11	88.17	80.5	41.0	14	74.4	76.8	40.5	3	129.4	91.7	42.3	109	25.6	0	8	1	1.3
VCIA	Flavia	12	86.97	79.4	40.6	11	92.0	94.9	39.5	14	68.3	48.4	42.8	109	17.7	0	9	2	2.3
BreunC	BC Leandra	13	84.08	76.8	41.8	13	85.9	88.6	41.6	13	74.9	53.1	42.3	108	29.5	1	9	2	1.8
Check	Nomini	14	83.23	76.0	38.2	15	60.3	62.2	31.1	4	126.7	89.8	45.4	109	17.7	0	2	4	3.3
LCS	Violetta	15	77.42	70.7	38.0	12	90.5	93.4	41.1	15	51.8	36.7	33.3	107	31.5	1	7	4	1.7
		Mean	91.3	82.5	42.5			103.2	41.3			70.8	43.7	108.7	25.4				
		CV(%)	31.2	16.9				24.7	14.0			36.0	18.5						
		LSD (0.05)	36.2	9.1				48.9	11.1			43.0	13.6						

Barley trials at Wye and Clarksville faced huge damage due to biotic and abiotic stresses.

Wye yield data is not reported due to insufficient plot weights

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

The data has been sorted according to their average yields

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