

Table 57. Agronomic Data for Spring Feed and Food Barley, Aberdeen, Irrigated, 2023.

Variety or Selection	Yield (Bu/A)			Test Wt. (lb/bu)	Spring Stand (%)	Heading Date	Height (in.)	Lodging (%)	Protein (%)	Plump		
	2021	2022	2023*							(> 6/64)	(5.5/64)	% Thin
2-Row Spring Feed Barley												
Altorado	155	140	176	51.5	98	6/19	43	36	12.9	96.8	2.0	0.9
10ARS191-3	---	132	173	49.2	100	6/21	44	73	12.9	96.8	2.0	0.9
HO516-429	163	139	173	49.6	99	6/22	45	60	13.9	94.3	3.1	2.8
Oreana	147	147	170	49.5	98	6/24	37	43	13.7	94.4	3.8	2.4
Carleton	---	---	164	50.5	97	6/21	39	40	13.4	92.8	4.8	2.3
Champion	140	120	162	50.7	99	6/19	41	70	12.3	93.0	5.5	2.1
Idagold II	134	133	159	51.0	100	6/21	41	15	14.0	91.6	4.7	3.3
Claymore	152	140	157	49.1	100	6/20	42	64	13.8	95.0	3.1	1.9
Diamondback (SB6)	138	122	124	44.9	98	6/19	29	0	13.8	88.6	8.0	3.1
Feed Average	142	131	162	49.5	99	6/21	40	44	13.4	93.7	4.1	2.2
2-Row Spring Food Barley												
Kardia	128	122	139	48.0	98	6/26	42	63	14.1	87.7	7.8	4.6
HO517-126**	---	96	133	59.6	99	6/19	40	15	13.8	89.5	7.3	3.6
Julie**	92	85	110	58.1	98	6/27	43	8	14.5	91.6	5.9	2.6
PlanetMax3.13**	---	---	109	54.6	97	6/24	37	1	13.0	3.9	33.4	62.4
PlanetMax3.6**	---	---	108	55.5	95	6/25	37	0	13.0	5.1	44.6	50.1
PlanetMax3.16**	---	---	106	54.9	95	6/27	37	1	12.5	6.4	42.8	50.9
LaureateMax3.8**	---	---	106	54.6	66	6/29	38	0	12.8	8.0	43.8	48.6
16ARS295-1**	---	---	104	57.0	94	6/17	39	14	14.7	87.7	7.6	5.4
Goldenhart**	101	81	98	57.5	69	6/25	41	18	15.8	86.9	7.8	4.8
Transit **	95	94	98	56.3	95	6/25	44	45	15.2	82.6	12.8	4.8
MerlinMax3.19**	---	---	94	54.4	56	6/29	33	1	15.0	0.3	9.6	90.7
MerlinMax3.18**	---	---	91	54.0	55	6/29	33	0	14.8	0.4	8.7	91.4
MerlinMax3.6**	---	---	83	52.7	64	6/29	31	0	15.3	1.9	10.2	88
MerlinMax3.11**	---	---	82	52.9	66	6/29	33	0	15.6	0.4	10.4	88.7
MerlinMax3.3**	---	---	81	52.7	49	6/30	31	0	15.6	0.7	9.4	90.1
PlanetMax3.3**	---	---	68	39.1	82	6/24	35	0	13.1	16.2	44.5	38.9
Food Average	102	97	101	53.9	80	6/26	37	10	14.3	35.6	19.2	45.4
LSD ($\alpha=0.05$)	23	18	18	9	14	3	3	25	---	---	---	---
CV (%)	10.3	10	10.4	12.3	11.1	1.1	5.7	77.3	---	---	---	---

* Varieties or selections in bold are not statistically different from the top yielding variety.

** Indicates hullless variety.

SB6 = six-rowed barley.