

Table 58. Agronomic Data for Spring Feed and Food Barley at Idaho Falls, 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												
HO516-429	130	128	165	50.3	100	6/28	39	24	11.7	93.2	3.9	2.6
Altorado	107	154	162	52.3	100	6/30	36	31	12	93.1	3.7	3.2
Claymore	129	138	162	49.8	100	6/28	39	36	12	91.8	5.2	3.2
10ARS191-3		121	158	50.9	100	6/28	40	46	12	91.9	4.7	3.8
Champion	117	133	157	52.0	100	6/27	38	33	12.5	94.6	3.4	1.8
Idagold II	100	125	133	50.8	100	6/25	36	68	13	92.1	5.0	3.5
Carleton	---	---	133	48.9	100	6/25	37	84	12	79.2	11.6	9.2
Diamondback (SB6)	37	133	132	45.2	100	6/25	29	68	13	65.5	6.7	2.5
Oreana	141	135	126	50.0	100	6/29	31	46	11.8	88.5	6.5	4.6
Feed Average	104	131	147	50.0	100	6/27	36	48	12.4	87.8	5.6	3.8
2-Row Spring Food Barley												
HO517-126**	---	---	138	59.1	100	6/26	35	39	12.7	76.8	14.5	8.8
Kardia	115	113	138	48.9	100	7/2	38	65	12.6	86.7	7.6	5.6
Julie**	95	82	122	58.7	100	7/3	38	28	15.0	89.1	8.3	3.4
Transit **	71	76	118	56.8	100	6/28	39	27	16.8	80.6	13.5	5.8
16ARS295-1**	---	---	112	56.2	100	6/24	35	70	13.5	79.8	11.5	8.8
Goldenhart**	86	80	100	58.6	100	6/30	38	33	14.2	89.6	8.3	2.4
Food Average	92	91	121	56.4	100	6/29	37	44	14.1	83.8	10.6	5.8
LSD ($\alpha=0.05$)	28	15	24	1	NS	2	3	51	---	---	---	---
CV (%)	19.7	8.6	12.4	1.7	0.0	0.7	5.2	76.0	---	---	---	---

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

** Indicates hullless variety.

SB6 = six-rowed barley.