

Table 56. Agronomic Data for Spring Feed and Food Barley, Rupert, 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												
10ARS191-3	---	125	174	51.0	100	6/23	43	9	11.6	94.6	2.9	1.5
HO516-429	156	126	169	51.0	100	6/24	43	23	11.3	95.3	2.5	1.4
Claymore	148	157	167	50.5	100	6/21	41	15	10.5	97.0	1.5	1.2
Altorado	166	142	166	51.4	100	6/21	41	10	11.9	93.1	3.6	1.7
Oreana	155	152	159	50.6	100	6/25	35	11	11.1	95.8	2.7	0.8
Champion	131	120	159	50.5	100	6/22	41	12	12.3	96.1	2.5	1.2
Carleton	---	---	155	50.4	100	6/24	36	8	10.2	94.9	2.9	1.4
Idagold II	133	128	152	51.2	100	6/20	38	18	11.2	98.1	1.3	0.7
Diamondback (SB6)	140	101	142	45.3	100	6/20	31	10	11.1	92.0	5.4	2.4
Feed Average	140	127	160	50	100	6/22	39	13	11.2	95.2	2.8	1.4
2-Row Spring Food Barley												
Kardia	132	98	160	49.5	100	6/26	42	28	10.7	94.2	3.4	2.1
HO517-126**	---	107	128	57.7	99	6/22	36	0	12.3	83.3	13.1	2.9
Julie**	109	80	108	58.0	99	6/25	40	10	12.6	93.6	4.3	1.8
PlanetMax3.16**	---	---	106	54.6	99	6/25	32	9	12.0	2.8	34.5	62.0
16ARS295-1**	---	---	106	56.2	99	6/26	34	11	13.6	82.3	10.9	6.1
Transit **	94	80	106	54.3	96	6/22	44	11	12.5	84.4	12.3	3.0
PlanetMax3.6**	---	---	100	54.9	97	6/25	32	8	12.0	3.8	38.3	57.4
Goldenhart**	90	62	93	57.3	90	6/25	38	31	14.2	90.5	6.7	2.7
MerlinMax3.19**	---	---	85	54.5	91	6/29	28	8	14.3	0.3	4.4	95.4
MerlinMax3.18**	---	---	82	54.3	83	6/25	28	7	14.0	0.5	4.0	95.1
MerlinMax3.6**	---	---	74	52.0	91	6/28	24	7	13.8	1.1	2.5	96.1
Food Average	106	80	104	54.8	95	6/25	35	12	12.9	48.8	12.2	38.6
LSD ($\alpha=.05$)	26	23	16	1	3	3	3	22	---	---	---	---
CV (%)	13.2	12.8	9.0	1.0	2.5	1.2	5.5	128.7	---	---	---	---

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

** Indicates hullless variety.

SB6 = six-rowed barley.