

2016 Texas A&M AgriLife Barley Trial, Wildorado, Texas, Deaf Smith County

Cooperators: Cory Artho and Blaze May

Fall Planting Date 3-Nov-15

Spring Planting Date 9-Feb-16

Harvest Date 24-Jun-16

Irrigation: 6 in.

In-season Precipitation: 10.3 in.



Variety	Developer	Planting Time	System	Rowed	Type	Yield (bu/ac)		Test Wt.		Kernel	on	Barley	Malt	Wort	Wort	Barley	Wort
						13.5 % Moisture	lb/bu	Weight	6/64"	Color	Extract	Color	Clarity	Protein	Protein		
Lacey	Univ. Minnesota	Fall	Irrigated	6	Malting	29.8	e*	48.1	a	31	69	61	76	3	1	17	5
Maja	Oregon State	Fall	Irrigated	6	Feed/Malting	69.6	dc	46.3	a	24	46	61	75	4	1	16	5
02Ab431	USDA-ARS	Fall	Irrigated	2	Malting	72.2	dc	48.5	a	32	76	46	78	3	1	17	6
02Ab669	USDA-ARS	Fall	Irrigated	2	Malting	79.9	bc	48.5	a	30	68	53	77	3	1	17	6
02Ab671	USDA-ARS	Fall	Irrigated	2	Malting	68.1	dc	48.0	a	30	74	51	77	3	1	17	6
P845	Nebraska	Fall	Irrigated	2	Feed	113.6	a	48.3	a	25	45	52	74	3	1	15	4
P919	Nebraska	Fall	Irrigated	6	Awnless Forage	96.3	abc	49.0	a	29	44	42	74	4	2	15	5
TAMBAR 500	TAMU	Fall	Irrigated	6	Feed	94.2	ab	48.5	a	26	64	41	71	ND†	3	16	4
TAMBAR 501	TAMU	Fall	Irrigated	6	Feed	113.5	a	47.9	a	31	79	39	73	ND	3	14	4
Thoroughbred	Virginia Crop Improv. Assn.	Fall	Irrigated	6	Feed	100.0	a	48.4	a	27	67	57	74	3	1	15	4
Verdant	Oregon State	Fall	Irrigated	6	Forage	55.9	d	48.7	a	28	61	49	73	4	1	18	5
Conrad	Anheuser Busch	Fall	Irrigated	2	Malting	64.9	dc	48.2	a	33	85	40	77	3	1	17	6
Lacey	Univ. Minnesota	Fall	Dryland	6	Malting	8.2	b	51.0	a	24	51	50	74	3	1	17	6
Maja	Oregon State	Fall	Dryland	2	Feed/Malting	43.2	a	50.5	a	34	88	31	80	3	1	16	7
02Ab431	USDA-ARS	Fall	Dryland	2	Malting	46.6	a	47.9	a	30	85	40	78	3	1	16	6
02Ab669	USDA-ARS	Fall	Dryland	2	Malting	62.7	a	49.3	a	30	82	34	77	3	1	17	7
02Ab671	USDA-ARS	Fall	Dryland	2	Malting	44.0	a	49.8	a	26	72	39	74	3	1	16	5
P845	Nebraska	Fall	Dryland	6	Feed	56.6	a	49.4	a	28	61	24	75	3	1	16	5
P919	Nebraska	Fall	Dryland	6	Awnless Forage	44.3	a	50.8	a	28	73	28	72	ND	3	16	4
TAMBAR 500	TAMU	Fall	Dryland	6	Feed	62.3	a	48.5	a	30	71	30	71	4	3	17	4
TAMBAR 501	TAMU	Fall	Dryland	6	Feed	54.1	a	45.7	ab	28	78	41	75	2	1	16	4
Thoroughbred	Virginia Crop Improv. Assn.	Fall	Dryland	6	Feed	42.8	a	48.8	a	27	64	44	74	2	1	18	4
Verdant	Oregon State	Fall	Dryland	2	Forage	33.5	ab	50.7	a	32	85	34	78	3	1	17	7
Conrad	Anheuser Busch	Fall	Dryland	6	Malting	39.1	a	50.0	a	26	33	72	74	2	1	19	6

Variety	Developer	Planting Time	System	Rowed	Type	Yield (bu/ac)		Test Wt.		Kernel	on	Barley	Malt	Wort	Wort	Barley	Wort
						13.5 % Moisture	lb/bu	Weight (mg)	6/64"	Color (Agron)	Extract (%)	Color	Clarity	Protein (%)	Protein (%)		
Lacey	Univ. Minnesota	Spring	Irrigated	6	Malting	44.5	ab	48.3	a	26	33	72	74	2	1	19	6
Maja	Oregon State	Spring	Irrigated	2	Feed/Malting	7.0	ab	ND		ND	ND	ND	ND	ND	ND	ND	ND
02Ab431	USDA-ARS	Spring	Irrigated	2	Malting	3.2	c	46.0	b	ND	ND	ND	ND	ND	ND	ND	ND
02Ab669	USDA-ARS	Spring	Irrigated	2	Malting	0.6	c	44.0	b	ND	ND	ND	ND	ND	ND	ND	ND
02Ab671	USDA-ARS	Spring	Irrigated	2	Malting	0.9	c	45.8	b	ND	ND	ND	ND	ND	ND	ND	ND
P845	Nebraska	Spring	Irrigated	6	Feed	13.2	c	45.9	b	ND	ND	ND	ND	ND	ND	ND	ND
P919	Nebraska	Spring	Irrigated	6	Awnless Forage	49.9	abc	ND		26	12	62	71	2	1	19	5
TAMBAR 500	TAMU	Spring	Irrigated	6	Feed	11.4	ab	44.0	b	ND	ND	ND	ND	ND	ND	ND	ND
TAMBAR 501	TAMU	Spring	Irrigated	6	Feed	20.8	bc	42.4	c	ND	ND	ND	ND	ND	ND	ND	ND
Thoroughbred	Virginia Crop Improv. Assn.	Spring	Irrigated	6	Feed	23.4	abc	44.9	b	ND	ND	ND	ND	ND	ND	ND	ND
Verdant	Oregon State	Spring	Irrigated	2	Forage	1.4	abc	45.1	b	ND	ND	ND	ND	ND	ND	ND	ND
Conrad	Anheuser Busch	Spring	Irrigated	6	Malting	41.4	bc	44.9	b	27	35	73	73	2	1	20	7
Lavina	MSU	Spring	Irrigated	2	Spring Forage	46.5	a	44.1	b	26	9	63	71	2	1	19	5

* Means with the same letter are not significantly different

†No Data

contact: Jourdan Bell, Agronomist, Texas A&M AgriLife Research and Extension, Amarillo, Texas (jourdan.bell@ag.tamu.edu)