



UNIVERSITY of NEBRASKA
LINCOLN

2020 Summary of Results Winter Barley Variety Trials

Name	Yield (lb/a)			Winter Survival (10=no damage, 1=all winterkilled)		Flowering Date (days from Jan. 1)	Plant Height (in)	Test Weight (lb/bu)
	Lincoln	Colby, KS	Average	Mead	Lincoln	Lincoln	Lincoln	Colby, KS
NB17411	3479	5926	4703	5.0	7.3	148.1	31.0	49.3
NB18429	3450	5764	4607	7.3	8.0	149.2	30.3	45.8
NB19420	3512	4953	4233	8.3	8.9	147.9	33.3	47.5
NB14404	3355	5101	4228	7.0	8.3	147.2	32.3	46.5
NB18406	3630	4789	4210	6.7	8.6	148.6	33.3	45.4
NB19434	3436	4950	4193	7.3	8.6	150.0	31.0	46.1
NB11416	3885	4498	4192	8.0	8.8	146.4	30.0	44.7
NB19422	3228	5142	4185	6.7	8.7	147.3	31.0	45.7
NB19406	3214	5140	4177	6.0	8.8	145.8	30.7	43.0
NB14422	3416	4798	4107	7.0	8.7	146.8	29.0	43.1
NB19423	2988	5208	4098	5.7	7.1	151.6	32.3	46.4
NB17431	3563	4602	4083	6.3	8.2	148.3	33.0	48.0
NB15415	3577	4585	4081	5.7	6.8	147.1	31.3	48.8
NB15442	3357	4676	4017	7.3	8.5	146.3	29.7	48.1
NB17409	3179	4815	3997	4.3	7.7	148.7	31.3	49.4
NB11414	2919	5028	3974	7.3	7.9	149.3	29.7	45.3
NB18411	3418	4499	3959	7.0	8.0	146.4	30.3	44.6
NB17401	3229	4641	3935	5.3	4.9	151.0	35.3	50.5
NB16412	3401	4410	3906	7.7	8.4	146.1	31.0	46.3
NB15420	3113	4653	3883	7.7	7.2	145.3	31.0	47.2
NB15417	3215	4280	3748	5.7	6.9	147.3	30.7	49.1
NB12437	3112	4336	3724	7.7	8.2	147.1	32.0	43.4
NB15441	2899	4471	3685	5.3	7.5	145.2	30.3	45.8
NB19433	2313	5027	3670	6.7	6.6	148.0	30.3	44.9
NB19443	2265	4949	3607	4.3	7.0	150.7	30.0	47.9

P-954	2158	5017	3588	7.0	5.3	149.5	28.0	46.7
NB99845	2956	4164	3560	8.7	8.4	144.3	31.0	45.6
NB19417	1890	5167	3529	6.7	4.8	151.0	26.3	49.5
NB19418	2594	4419	3507	3.0	5.2	152.7	29.3	46.8
NB19403	3113	3897	3505	6.0	7.7	146.8	33.0	45.7
NB19442	2996	3947	3472	6.7	7.5	148.7	30.7	47.7
NB17415	2871	3994	3433	5.0	5.5	149.8	32.0	47.5
NB18417	2719	3948	3334	4.7	6.5	146.8	32.0	43.5
NB18416	3014	3610	3312	5.0	6.7	148.0	33.7	48.7
NB18408	2406	4188	3297	6.0	5.2	148.6	32.7	45.4
NB18439	1933	4208	3071	3.7	4.6	153.8	25.0	45.2
NB18422	1955	4181	3068	4.0	5.0	152.9	28.0	47.4
NB18435	2273	3376	2825	3.0	4.0	152.0	24.3	-
NB18401	1658	3713	2686	4.7	3.8	151.0	26.3	45.0
NB19408	1814	3288	2551	6.7	6.4	148.0	29.0	47.1
Standard Error	294.9	418.5	NA	1.0	0.8	1.1	1.3	0.7
LSD¹	590.9	838.4	NA	2.1	1.6	2.2	2.7	1.5
Mean²	2937.5	4558.9	3748.5	6.1	7.1	148.5	30.5	46.5
CV³	12.3	11.2	NA	20.9	14.1	0.9	5.4	2.0
Reps/Sites	3	3	NA	3	3	3	3	3

SITE INFORMATION Sites were planted at Lincoln, Mead, and Sidney, NE as well as Colby, KS. Sites at Mead and Sidney were not harvested. Test weight data from Lincoln not available.

Researcher: Dr. P. Stephen Baenziger and Ms. Fang Wang

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¹ For differences between varieties that are equal to or greater than the LSD value, the chance that the difference is significant is 95%.

² Mean performance of all entries in the trial.

³ Coefficient of Variation (CV) indicates the quality of a trial, and lower than 15 indicates a high quality trial. For CV>15, there was higher than expected variability in the field or the data and the results should be used with caution.