

**2016 Barley Results**

<b>GRL #</b>	<b>Year</b>	<b>Variety</b>	<b>Date</b>	<b>Location</b>	<b>Source</b>	<b>Tonnage</b>	<b>Test weight (kg/hL)</b>	<b>1000 K. Wt. (g)</b>
RE-16-01	2016	AC Metcalfe		AB Manning Research Farm	Cargill		62.0	51.6
RE-16-02	2016	CDC Copeland		AB Manning Research Farm	Cargill		63.1	54.1
RE-16-03	2016	CDC Kindersley		AB Manning Research Farm	Cargill		63.5	50.1
RE-16-04	2016	CDC Meredith		AB Manning Research Farm	Cargill		61.2	56.3
RE-16-05	2016	Bentley		AB Manning Research Farm	Cargill		63.2	56.4
RE-16-06	2016	Connect		AB Manning Research Farm	Cargill		58.0	52.9
RE-16-07	2016	Bow		AB Manning Research Farm	Cargill		61.7	54.4
RE-16-08	2016	Anderson		AB Manning Research Farm	Cargill		58.1	46.1
RE-16-09	2016	TR 13609		AB Manning Research Farm	Cargill		64.3	56.1

Plump, over 6/64" sieve (%)	Intermediate over 5/64" sieve (%)	Barley Moisture (%)	Barley Protein (% db)	Germination Energy			RVA Final Viscosity		Malt	Steep-out	Malt
				4 ml	8 ml	Germination Index	(RVAunits)	(cP)	Yield	Moisture	Friability
				%	%				% db	%	%
93.9	2.5	15.7	13.6	91	84	5.65	10	120	90.9	46.4	40.9
95.8	1.2	15.6	12.5	78	73	5.23	8	96	91.8	46.7	38.9
94.9	1.7	14.6	13.1	70	73	4.52	5	60	91.0	46.9	37.3
94.5	1.6	16.7	11.9	92	67	6.30	20	240	89.9	47.0	64.1
95.1	0.9	15.1	12.6	93	84	6.37	42	504	91.2	45.7	63.9
92.3	2.8	14.2	13.5	95	82	6.51	10	120	90.2	46.6	55.5
95.6	1.0	15.8	12.6	53	54	4.86	4	48	91.4	47.1	37.5
96.1	1.9	15.2	14.1	86	61	6.32	8	96	91.6	46.7	54.7
96.5	0.9	16.9	11.9	73	50	5.18	5	60	92.1	45.8	52.7

Malt Moisture	Malt Protein	Fine Ext.	Coarse Ext	F/C Diff	Wort $\beta$ -Glucan	Wort Visc.	Soluble Protein	S/T Ratio	FAN	Wort Colour	Diast. Power	Alpha-Amylase
%	% db	%	%	%	mg/L	cP	%	%	mg/L	degree	degree	DU db
7.1	13.2	79.4	79.0	0.4	71	1.43	5.14	38.8	224	2.06	221	91.8
10.3	13.3	79.4	78.0	1.4	53	1.44	5.41	40.6	245	2.26	201	46.6
10.2	14.3	78.9	78.3	0.6	45	1.44	6.25	43.6	277	2.68	240	49.2
7.8	12.0	80.4	79.9	0.5	77	1.44	5.10	42.5	237	2.40	210	67.5
6.6	12.4	80.2	79.5	0.7	77	1.43	4.76	38.5	210	1.74	178	69.5
7.3	13.8	79.1	78.7	0.4	102	1.43	4.99	36.2	197	1.93	197	72.8
9.6	13.5	80.0	79.3	0.7	81	1.47	6.06	45.0	284	3.44	165	32.2
6.4	14.5	77.7	76.6	1.1	89	1.47	5.51	38.1	241	2.17	217	54.1
6.4	11.5	81.9	80.9	1.0	100	1.46	4.71	40.9	214	2.97	152	55.3