

Irrigated Barley Variety Trial						WREC - Nesson Valley 2015						
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Variety	Plant	Protein ¹				Test	Plump	Thin	Yield			
	Height	2013	2014	2015	3yr avg	Weight	>6/64	<5/64	2013	2014	2015	3yr avg
	inch	-----%-----				lb/bu	-----%-----		-----bu/a-----			
TWO ROW												
Conrad	28	11.4	13.5	16.1	13.7	50.4	90.9	9.1	71.1	120.9	138.0	110.0
Pinnacle	32	9.9	11.0	12.4	11.1	51.1	97.2	2.8	61.6	124.1	137.8	107.8
Hockett	29	11.3	12.5	14.1	12.6	51.7	95.1	4.9	68.0	123.6	127.5	106.4
Rawson	33	12.3	12.5	13.7	12.8	49.7	98.4	1.7	77.7	108.3	127.4	104.4
AC Metcalfe	34	11.5	13.7	15.2	13.5	51.9	96.6	3.4	72.5	112.7	115.5	100.2
Conlon	30	12.5	13.0	15.8	13.8	51.5	96.7	3.3	72.9	114.7	86.4	91.4
CDC Copeland	35	-	-	13.4	-	51.2	96.6	3.4	-	-	137.1	-
ND Genesis	31	-	-	13.3	-	50.4	95.8	4.2	-	-	130.0	-
SIX ROW												
Quest	33	11.9	12.4	14.4	12.9	49.9	92.6	7.4	80.3	132.6	118.8	110.5
Innovation	29	12.2	12.0	13.8	12.7	48.7	96.5	3.5	79.2	131.3	120.9	110.5
Tradition	32	12.4	12.6	14.7	13.2	49.5	92.3	7.7	70.2	135.9	118.2	108.1
Celebration	34	11.9	13.1	15.5	13.5	49.6	94.7	5.3	74.6	131.0	107.5	104.4
Lacey	33	12.7	12.6	14.8	13.4	51.1	95.5	4.5	64.1	131.5	114.7	103.4
Stellar-ND	31	12.6	12.5	14.4	13.2	49.1	95.4	4.6	56.3	129.5	116.3	100.7
Mean	32	11.88	12.60	14.40	13.02	50.41	95.26	4.74	70.71	124.67	119.08	104.82
C.V.%	5.4	4.1	3.1	4.4	-	1.1	1.5	47.9	17.2	7.7	6.8	-
LSD 5%	2.4	1.20	-	0.90	-	0.77	4.06	1.05	17.20	-	11.74	-
LSD 10%	2.0	0.90	0.60	0.75	-	0.64	3.38	0.87	14.40	3.50	9.78	-

Location: Latitude 48 9.9222'N; Longitude 103 6.132'W; Elevation 1902 ft

Planted: 4/16/2015

Harvested: 8/3/2015

Plot size: 61.25 ft²

Previous crop: sugarbeet

Applied fertilizer in lbs/a broadcast: 300 lbs of 46-0-0 on (4/9/15)

Soil test to 6": 18 ppm P : 280 ppm K OM-2.1 pH-7.9

Soil test to 2' in lb/a: 3 lbs of N

Soil type: Lihen Loamy Fine Sand

Yield goal: 120 bu/a

Planting population: 1.25 million seeds/a

Herbicides applied: Supremacy 5 oz/a (6/4)

Fungicides applied: Tilt 2 oz/a (6/4)

Rainfall: 6.0 inches (4/16 - 8/3)

Irrigation: 7.7 inches (4/23 -8/3)

Protein¹ = Reported on a 12% moisture basis