

IRRIGATED BARLEY VARIETY-2012

WILLISTON RESEARCH EXTENSION CENTER

Nesson Valley

Cultivar	Head Date DAP	Plant Height inch	1000 KWT g	Seeds/ Pound	% Plump >6\64	% Thin <5\64	Grain Protein %	Test Weight lb/bu	Grain Yield bu/a
TWO ROW									
Pinnacle	59.8	30.5	39.6	11469	61.7	2.7	14.0	50.2	82.4
Conrad	62.0	30.5	37.4	12119	61.1	2.7	17.1	51.2	79.1
AC Metcalfe	62.0	33.7	35.3	12868	51.5	3.3	17.1	49.7	73.3
CDC Copeland	63.0	31.9	34.6	13125	47.0	5.5	16.6	48.8	71.9
Conlon	55.0	28.2	41.1	11042	63.0	2.2	15.8	50.1	70.2
Lilly	61.0	25.2	35.2	12886	52.5	4.9	15.9	49.7	68.0
Geraldine	62.3	28.2	34.3	13224	43.7	7.2	15.5	48.5	63.6
Haxby	59.5	29.5	37.7	12022	58.0	3.4	16.2	51.4	60.5
SIX ROW									
Lacey	57.0	32.3	33.1	13721	49.0	3.9	16.1	49.8	85.2
Stellar-ND	57.0	31.9	33.7	13460	53.4	3.2	15.5	48.4	76.1
Innovation	57.0	32.5	35.1	12923	56.4	2.1	16.1	50.8	73.9
Tradition	57.0	31.9	33.0	13766	49.5	4.2	15.7	49.0	72.1
Quest	59.3	31.5	31.7	14332	50.5	3.7	16.1	50.2	71.7
Celebration	59.0	34.3	30.0	15130	50.4	4.2	17.3	49.0	71.5
MEAN	59.3	30.8	35.1	12919.4	53.4	3.8	14.8	49.8	72.8
C.V.	0.7	4.9	2.8	-	9.7	38.1	3.1	1.7	18.9
LSD 5%	0.6	3.3	1.7	-	7.4	2.1	0.8	1.4	19.7

Planted: April 24, 2012

Harvested: July 31, 2012

Grain protein percentages on a 0% moisture basis

Previous crop: Sugarbeet