

2008 IRRIGATED BARLEY VARIETY

WILLISTON RESEARCH EXTENSION CENTER - NESSON VALLEY

Cultivar	Heading	Plant	Lodging@	Leaf	Test	Grain	%	%	----- Grain Yield -----			Average Yield	
	Date	Height	5-Aug	Disease	Weight	Protein	Plump	Thin	2006	2007	2008	2 yr avg	3 yr avg
	fr plt	inches	0-9	0-9	lbs/bu	%	>6\64	<5\64	-----Bushels per acre -----				
Six Row													
Drummond	58	41	8.8	6.0	48.3	13.8	55.3	9.7	66.2	103.3	115.8	109.6	95.1
Lacey	59	39	8.8	6.3	49.7	12.4	71.7	3.9	60.9	106.5	129.5	118.0	99.0
Legacy	60	40	9.0	4.8	46.8	13.6	43.0	15.3	50.3	113.3	111.3	112.3	91.6
ND20448	58	39	6.5	5.3	52.6	13.1	82.5	3.0	--	103.5	121.3	112.4	--
Rasmusson	60	39	9.0	4.5	49.6	12.6	58.6	6.4	--	105.8	121.1	113.5	--
Robust	59	43	9.0	6.8	49.9	12.5	63.6	6.3	49.3	96.3	111.6	104.0	85.7
Stellar-ND	60	39	8.5	6.0	48.5	13.1	60.7	6.3	64.4	88.8	116.7	102.8	90.0
Tradition	59	39	9.0	5.5	50.6	12.8	60.2	5.9	71.3	108.0	129.9	119.0	103.1
Two Row													
CDC Copeland	61	38	7.8	5.0	48.2	15.5	62.5	5.9	--	101.9	107.8	104.9	--
Conlon	54	37	8.0	4.3	53.1	13.6	94.9	0.9	75.0	94.2	112.6	103.4	93.9
Conrad	61	34	7.3	4.8	49.2	14.2	77.0	4.3	--	83.3	112.7	98.0	--
Geraldine	63	35	7.5	4.3	47.6	14.1	62.4	8.1	--	--	117.1	--	--
Harrington	61	35	8.3	7.3	48.6	14.4	63.4	7.1	--	--	103.8	--	--
Haxby	60	37	4.5	4.0	50.7	13.0	88.9	2.9	--	101.9	132.2	117.1	--
Pinnacle	59	37	7.5	5.5	50.4	11.9	85.1	3.2	--	97.1	126.7	111.9	--
Scarlett	63	33	7.8	5.5	48.5	14.0	71.3	4.7	--	94.5	111.3	102.9	--
TRIAL MEAN	60	96	5.6	7.9	5.3	49.5	13.4	117.6	68.8	5.8	117.6	--	--
C.V. %	1	4	14.8	14.8	16.1	3.7	5.7	6.2	11.5	30.3	6.2	--	--
LSD 5%	1	6	1.2	1.7	1.2	NS	1.6	10.6	16.9	3.8	10.6	--	--

Planted: April 30 Previous Crop: Potatoes

Harvested: August 5

@ Lodging and visual leaf disease ratings from 0-9 where 0 =none to 9 = severe.

Grain protein percentages reported on a 0% moisture basis.