

2018 Barley - Recrop

Dickinson, ND

Variety	Days to Head	Seeds per Pound	Plant Height in	Test Weight lbs/bu	Protein %	Plump % >6/64	----- Grain Yield-----			----- Average Yield-----	
							2016	2017	2018	2016	2017
							-----bu/ac-----			----bu/ac----	
Six Row											
Celebration	62	11,315	30	52.0	16.3	92.1	74.3	49.2	119.9	84.5	81.1
Innovation	59	10,400	30	52.5	14.3	94.0	77.8	50.0	127.1	88.6	85.0
Lacey	60	10,663	29	52.5	15.0	93.3	75.2	45.6	126.3	85.9	82.3
Quest	61	11,315	31	52.0	13.7	87.5	74.5	47.3	124.0	85.7	82.0
Stellar-ND	60	10,028	30	51.6	13.8	95.1	75.2	46.7	137.9	92.3	86.6
Tradition	61	10,408	30	53.3	14.6	93.8	69.5	45.6	124.9	85.3	80.0
Two Row											
AAC Synergy	62	8,949	30	52.8	13.9	95.5	90.3	47.4	141.3	94.3	93.0
ABI Balster	62	9,826	29	52.0	14.4	91.1	92.4	47.8	134.6	91.2	91.6
ABI Growler	63	9,662	29	50.5	14.6	92.0	86.9	46.3	132.7	89.5	88.6
ND Genesis	57	8,987	31	51.3	12.5	93.6	88.7	49.3	134.4	91.8	90.8
Conlon	56	9,124	30	53.4	14.3	96.0	54.2	45.8	79.9	62.8	59.9
Explorer	60	8,804	25	52.9	14.1	94.9	--	54.1	134.5	94.3	--
LCS Genie	64	9,647	26	51.4	13.7	92.1	97.1	46.2	128.2	87.2	90.5
Pinnacle	60	8,580	31	53.0	13.6	96.4	80.3	45.7	133.9	89.8	86.6
Sirish	63	9,541	25	52.3	14.2	95.7	91.4	45.3	132.6	88.9	89.7
Trial Mean	60	9,769	29	52.1	14.0	94	81.3	48.8	127.8	--	--
CV %	1.6	4.4	4.0	1.4	3.9	1.4	9.2	9.7	7.2	--	--
LSD 0.05	1	613	2	1.0	0.9	2	10.6	6.7	13.0	--	--
LSD 0.10	1	512	1	0.8	0.7	2	8.8	5.6	10.8	--	--

Planting Date: April 27, 2018

Harvest Date: August 9, 2018

Previous Crop: Cover Crop

Seeding Rate: 1.2 million live seeds/ac

Grain protein percentages reported on a 0% moisture basis

2018 Glen Ullin Barley - Recrop

Dickinson, ND

Variety	Seeds per Pound	Test Weight lbs/bu	% Plump >6/64	Protein %	-----Grain Yield-----			Average Yield	
					2016	2017	2018	2	3
					-----bu/ac-----			----bu/ac----	
Six Row									
AAC Synergy	7,679	50.4	98	16.5	--	--	132.4	--	--
Innovation	10,565	51.5	93	15.7	60.7	63.3	111.4	87.4	78.5
Tradition	10,446	51.5	93	15.7	--	65.6	106.3	85.9	--
Two Row									
ND Genesis	8,272	50.3	97	15.0	72.5	65.8	115.8	90.8	84.7
Pinnacle	7,892	51.0	98	16.2	60.8	58.5	117.6	88.1	79.0
Sirish	8,594	50.6	97	15.8	--	67.3	123.6	95.5	--
Trial Mean	8,908	50.9	96	15.8	61.2	64.6	117.9	--	--
CV %	5.6	1.5	0.8	2.6	6.3	11.3	9.2	--	--
LSD 0.05	755	1.2	1	0.7	5.8	NS	16.3	--	--
LSD 0.10	621	1.0	1	0.6	4.7	NS	13.4	--	--

Planting Date: May 14, 2018

Harvest Date: August 16, 2018

Previous Crop: S Wheat

Seeding Rate: 1.2 million live seeds/ac

Grain protein percentages reported on a 0% moisture basis