

**University of Idaho Preliminary Yield Results
Aberdeen Two-row Malt Barley 2018**

entry name	Yield bu/A	Combine Test Wt lbs/bu	Spring Stand percent	Heading Date Julian
16 Esma	174	48.0	100	167
29 Sangria	170	49.7	100	169
24 Manta	168	51.8	100	169
30 SY Sirish	162	49.1	100	170
23 LCS Sienna	156	50.9	100	172
20 LCS Genie	155	49.9	100	171
17 Explorer	154	49.7	100	169
18 Full Pint	150	49.8	100	169
15 DH120285	140	46.8	100	171
12 CDC Fraser	139	49.1	100	168
28 Moravian 69	139	47.3	100	171
14 DH120058	138	47.7	100	171
5 AAC Connect	136	48.4	100	168
21 LCS Odyssey	136	44.5	100	170
7 ABI Voyager	134	50.4	98	168
4 2B13-6991	134	48.8	90	169
6 ABI Growler	133	46.9	100	170
1 08ARS116-91	133	49.7	100	164
9 AD120341	133	49.8	100	169
8 ACC Synergy	131	48.2	100	168
32 Idagold II	130	49.1	100	167
19 GemCraft	129	48.6	100	168
2 2Ab08-X05M010-82	127	50.0	99	169
11 CDC Copeland	126	48.9	100	170
10 CDC Bow	125	49.8	96	170
31 AC Metcalfe	122	48.9	100	169
3 2B11-4949	118	47.2	100	170
22 LCS Opera	118	43.9	99	172
13 Conrad	118	48.0	98	169
25 Merit 57	117	47.3	96	171
AVERAGE	138	48.6	99	169
LSD	22	1.7	3	2
CV	11.4	2.5	2.3	0.9
P>F	<.0001	<.0001	<.0001	<.0001



**University of Idaho Preliminary Yield Results
Aberdeen Two-row Feed Barley 2018**

entry name	Yield bu/A	Combine Test Wt lbs/bu	Spring Stand percent	Heading Date Julian
1 Altorado	174	50.3	100	166
15 YU510-510 (SB6)	163	43.3	100	167
9 Millennium	158	47.4	100	165
2 Champion	157	52.2	100	165
10 Oreana	155	50.5	98	168
12 UT11302-11 (SB6)	152	43.2	100	164
14 Xena	144	48.4	100	167
13 UTSB10905-72 (SB6)	141	45.6	100	164
3 Claymore	140	49.0	100	168
6 Julie (hulless)	140	50.9	100	168
8 Lenetah	138	49.5	100	166
11 Transit (hulless)	131	49.9	100	167
7 Kardia	124	47.5	100	166
5 Idagold II	116	48.1	98	166
4 Goldenhart	77	52.0	97	166
AVERAGE	141	48.5	99	166
LSD	22	2.7	2	4
CV	11.0	3.8	1.6	1.5
P>F	<.0001	<.0001	0.0901	0.4611

SB6 = Spring Barley, 6-rowed



**University of Idaho Preliminary Yield Results
Rupert Two-row Malt Barley 2018**

entry	name	Yield bu/A	Combine Test Wt lbs/bu	Spring Stand percent	Heading Date Julian	Height (in)	Lodging percent
30	SY Sirish	167	50.0	100	168	28	3
23	LCS Sienna	166	50.6	100	170	31	8
20	LCS Genie	161	49.9	100	168	28	12
22	LCS Opera	161	47.9	100	166	27	11
5	AAC Connect	160	50.1	100	167	37	4
28	Moravian 69	159	48.4	100	169	28	7
12	CDC Fraser	157	48.2	100	167	32	43
21	LCS Odyssey	156	49.0	100	168	28	19
17	Explorer	153	48.9	100	168	25	11
7	ABI Voyager	151	50.2	100	167	37	9
6	ABI Growler	151	48.7	100	168	32	4
19	GemCraft	149	48.4	100	167	35	55
27	Moravian 179	147	50.0	100	170	28	19
2	2Ab08-X05M010-82	147	49.4	100	168	34	40
13	Conrad	147	49.8	100	168	33	34
3	2B11-4949	147	49.3	100	167	31	19
1	08ARS116-91	146	50.4	100	162	35	3
9	AD120341	146	50.4	100	167	23	19
8	ACC Synergy	144	49.5	100	168	36	45
18	Full Pint	143	49.0	100	165	24	20
14	DH120058	141	49.0	100	169	28	16
11	CDC Copeland	138	50.4	100	168	37	19
4	2B13-6991	137	48.7	100	165	33	11
10	CDC Bow	137	50.2	100	169	37	3
15	DH120285	134	47.2	100	170	25	7
25	Merit 57	130	48.0	100	168	33	8
31	AC Metcalfe	129	49.9	100	165	37	23
AVERAGE		148	49.3	100	167	31	17
LSD		18	0.9	0	2	3	29
CV		8.4	1.3	0	0.8	7.8	118
P>F		0.0004	<.0001	.	<.0001	<.0001	0.0126



**University of Idaho Preliminary Yield Results
Rupert Two-row Feed Barley 2018**

entry	name	Yield bu/A	Combine Test Wt lbs/bu	Spring Stand percent	Heading Date Julian	Height (in)	Lodging percent
9	Millennium	172	47.4	100	158	33	4
10	Oreana	170	51.2	100	167	31	11
15	YU510-510 (SB6)	165	45.4	100	165	32	3
3	Claymore	163	50.6	100	166	31	14
13	UTSB10905-72 (SB6)	152	47.8	100	160	36	23
14	Xena	150	51.2	100	164	33	12
12	UT11302-11 (SB6)	145	45.0	100	159	34	31
1	Altorado	142	50.6	100	166	33	1
2	Champion	139	50.8	100	163	34	23
8	Lenetah	137	51.2	100	166	34	28
6	Julie (hulless)	132	52.3	100	165	32	36
5	Idagold II	131	50.8	100	164	31	4
7	Kardia	129	48.0	100	168	34	64
11	Transit (hulless)	128	51.2	100	167	33	9
4	Goldenhart	112	53.0	100	167	34	54
AVERAGE		144	49.8	100	164	33	21
LSD		19	0.9	0	1	6	30
CV		9.0	1.3	0.0	0.4	13	100
P>F		<.0001	<.0001	.	<.0001	0.9501	0.0016

SB6 = Spring Barley, 6-rowed



University of Idaho Preliminary Yield Results
Idaho Falls Two-row Malt Barley 2018

entry name	Yield bu/A	Combine Test Wt lbs/bu	Spring Stand percent	Heading Date Julian	Height (in)	Lodging percent
16 Esma	166	49.5	100	174	32	21
27 Moravian 179	153	51.1	100	178	31	0
7 ABI Voyager	153	52.6	100	169	40	8
21 LCS Odyssey	148	47.2	100	175	30	28
29 Sangria	148	49.3	100	175	34	5
3 2B11-4949	146	49.4	100	169	37	5
30 SY Sirish	144	48.4	100	177	31	0
10 CDC Bow	141	51.1	99	176	41	0
24 Manta	141	49.6	100	177	31	35
23 LCS Sienna	139	49.6	100	178	33	82
12 CDC Fraser	138	49.5	100	170	38	38
17 Explorer	138	49.3	100	177	31	30
2 2Ab08-X05M010-82	135	50.9	100	176	35	23
20 LCS Genie	135	50.0	100	179	31	13
4 2B13-6991	132	48.8	100	168	35	20
8 ACC Synergy	130	48.9	100	169	38	35
22 LCS Opera	130	45.3	100	179	31	23
6 ABI Growler	127	46.8	100	171	37	23
1 08ARS116-91	125	51.7	100	168	36	45
19 GemCraft	125	49.3	100	172	37	30
28 Moravian 69	123	45.5	100	179	29	67
11 CDC Copeland	120	50.0	100	170	41	48
13 Conrad	119	50.3	100	173	37	38
25 Merit 57	117	46.5	100	172	40	59
AVERAGE	136	49.2	100	174	35	28
LSD	18	1.4	0.4	3.5	3.5	37.9
CV	9.5	2.0	0.3	1.4	7.2	96
P>F	<.0001	<.0001	0.4773	<.0001	<.0001	0.0014



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University of Idaho Preliminary Yield Results
Idaho Falls Two-row Feed Barley 2018

entry name	Yield bu/A	Combine Test Wt lbs/bu	Spring Stand percent	Heading Date Julian	Height (in)	Lodging percent
1 Altorado	157	52.3	100	174	37	0
10 Oreana	145	50.8	100	177	32	23
9 Millennium	143	48.9	100	166	39	25
15 YU510-510 (SB6)	139	43.0	100	176	34	3
2 Champion	137	53.2	100	169	38	21
12 UT11302-11 (SB6)	134	47.3	100	167	41	18
13 UTSB10905-72 (SB6)	133	49.3	100	165	44	3
5 Idagold II	132	50.6	100	171	35	6
6 Julie (hulless)	131	52.4	100	176	37	0
7 Kardia	130	50.4	100	178	40	13
14 Xena	130	50.6	100	173	40	24
8 Lenetah	127	50.5	100	169	41	54
3 Claymore	126	50.9	100	172	39	33
11 Transit (hulless)	120	51.3	100	173	38	1
4 Goldenhart	106	52.7	95	177	39	1
AVERAGE	133	50.3	100	172	38	15
LSD	16	2.1	0	5	5	36
CV	8.6	2.9	0.0	2.1	10.0	171
P>F	0.0002	<.0001	<.0001	<.0001	0.0084	0.1589

SB6 = Spring Barley, 6-rowed



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University of Idaho Preliminary Yield Results
Ashton Two-row Malt Barley 2018

entry	name	Yield bu/A	Combine Test Wt lbs/bu	Spring Stand percent	Heading Date Julian	Height (in)	Lodging percent
30	SY Sirish	127	49.1	100	185	33	0
21	LCS Odyssey	118	47.1	100	187	32	0
23	LCS Sienna	116	48.6	100	186	33	6
20	LCS Genie	113	49.3	100	188	33	0
6	ABI Growler	113	48.5	99	186	38	0
22	LCS Opera	111	46.6	99	189	31	0
13	Conrad	103	49.4	100	186	35	0
19	GemCraft	103	45.9	100	185	37	0
2	2Ab08-X05M010-82	103	48.2	99	189	37	0
3	2B11-4949	102	48.8	100	187	34	0
7	ABI Voyager	101	48.5	100	186	37	0
1	08ARS116-91	101	48.2	99	182	35	0
11	CDC Copeland	99	48.5	100	190	42	0
17	Explorer	98	47.4	100	184	31	0
12	CDC Fraser	95	46.9	100	187	37	1
4	2B13-6991	93	48.3	100	184	38	0
5	AAC Connect	91	49.0	100	187	36	0
8	ACC Synergy	89	49.0	100	185	39	0
25	Merit 57	88	46.8	100	189	37	0
31	AC Metcalfe	86	49.3	100	188	40	0
10	CDC Bow	75	49.4	93	190	40	0
AVERAGE		101	48.2	99	187	36	0
LSD		15	1.1	2	2	3	4
CV		10.8	1.6	1.4	0.7	5.7	852
P>F		<.0001	<.0001	<.0001	<.0001	<.0001	0.4871



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University of Idaho Preliminary Yield Results
Ashton Two-row Feed Barley 2018

entry	name	Yield bu/A	Combine Test Wt lbs/bu	Spring Stand percent	Heading Date Julian	Height (in)	Lodging percent
1	Altorado	132	48.2	100	182	37	1
12	UT11302-11 (SB6)	122	43.0	100	178	36	0
2	Champion	121	49.5	100	180	38	1
13	UTSB10905-72 (SB6)	120	45.7	100	180	40	0
3	Claymore	113	47.4	100	185	39	0
5	Idagold II	112	45.9	100	184	36	0
8	Lenetah	112	47.9	96	184	43	13
10	Oreana	105	47.7	100	186	32	1
14	Xena	105	47.3	100	184	37	0
7	Kardia	103	46.1	99	190	39	0
9	Millennium	97	41.8	100	178	40	0
6	Julie (hulless)	91	50.1	100	188	38	0
4	Goldenhart	90	51.0	93	186	37	6
11	Transit (hulless)	89	48.9	99	188	40	0
15	YU510-510 (SB6)	61	37.4	100	180	22	0
AVERAGE		105	46.5	99	183	37	1
LSD		28	3.9	3	1	4	10
CV		18.8	5.9	1.9	0.5	6.7	517
P>F		0.0018	<.0001	0.0004	<.0001	<.0001	0.4802

Ashton data has high CV's due to plots being placed in a poor section of the field, especially the two-rowed feed trial.
 SB6 = Spring Barley, 6-rowed

