

## 2012-15 OREI Organic Spring Wheat Trial 3 - 4 Year Summary

### All Locations

Entry	Variety	Grain Yield (kg/h)				Test Weight		Lodg. Ht (cm)		Heading Date		
		FV	ND	PA	WB	Mean	Rank	Mean	Mean			
1	Stoa	2158	1405	1813	2644	2005	14	66.1	17	0.3	77	6/18
2	Red Fife	2063	1474	1380	2274	1798	19	66.7	16	2.3	112	6/21
3	RB07	2299	1571	1890	2871	2158	8	67.1	10	0.5	77	6/16
4	ND735	2366	1640	1766	3015	2197	7	69.6	3	0.6	85	6/18
5	Ada	2034	1746	1664	2910	2089	11	69.1	4	0.4	76	6/17
6	MN00261-4	2546	1742	1920	2886	2273	5	69.0	5	0.2	79	6/17
7	Tom	2367	1602	2126	3441	2384	1	69.9	2	0.6	83	6/16
8	MN06078W	2160	1797	1586	2921	2116	9	67.0	11	2.1	85	6/16
9	Steele	2378	1866	2062	2870	2294	3	68.0	7	0.5	81	6/17
10	Rollag	2118	1702	1703	2913	2109	10	68.4	6	0.6	74	6/16
11	Sabin	2498	1873	2092	2984	2362	2	68.0	8	0.7	78	6/17
12	Louise	2002	1908	1403	2524	1959	16	63.7	21	1.8	85	6/19
13	MN06079W	2017	1471	1636	2472	1899	17	65.3	19	1.4	75	6/14
14	Glenn	2370	1763	1856	3116	2277	4	71.1	1	0.4	84	6/14
15	Ulen	2333	1648	1904	3000	2221	6	65.7	18	1.0	81	6/15
16	Reed	1915	1717	1426	2454	1878	18	62.9	22	1.6	75	6/16
17	Grandin	2271	1586	1406	2724	1997	15	66.8	12	0.6	82	6/17
18	McNeal	2271	1662	1534	2699	2042	13	66.7	15	0.4	84	6/20
19	Thatcher	1804	1363	1038	2494	1675	21	65.2	20	2.5	103	6/20
20	AC Barrie	2112	1669	1572	2854	2052	12	67.2	9	1.4	94	6/18
21	Mida	1562	1572	1156	2474	1691	20	66.7	14	2.1	106	6/19
22	Ceres	1723	1400	1444	2042	1652	22	66.7	13	2.5	101	6/19
23	Marquis	2150	1592	1810	3099	2163	*	67.67	*	2.2	90	6/17
24	Dylan	1847	1756	1640	2517	1940	*	66.33	*	2.0	84	6/18
	Mean	2140	1647	1659	2758	2051		67.1		1.2	85	6/17

FV=Freeville, NY; ND=Noth Dakota State Univ.; PA=Penn State Univ.; WB=Willsboro, NY

\* Marquis and Dylan were not grown in 2012

This work was supported by National Institute of Food and Agriculture, USDA award #2011-51300-30697.

## 2012-15 OREI Organic Spring Wheat Trial 3 - 4 Year Summary

Freeville, NY

Entry	Variety	Grain Yield (kg/h)					Test Weight		Lodg. Ht (cm)		Heading	
		2012	2013	2014	2015	Mean	Rank	kg/hl	Rank	Mean	Mean	Date
1	Stoa	2810	2700	648	2473	2158	12	69.2	19	0.3	82	6/17
2	Red Fife	2221	2642	633	2755	2063	15	72.0	11	2.1	118	6/19
3	RB07	3278	2997	475	2445	2299	8	69.7	18	0.3	79	6/15
4	ND735	3182	3092	571	2619	2366	6	76.2	2	0.4	87	6/16
5	Ada	2588	2586	524	2438	2034	16	72.9	8	0.3	79	6/16
6	MN00261-4	3263	3321	694	2905	2546	1	75.4	3	0.1	83	6/16
7	Tom	2946	3049	565	2909	2367	5	73.9	5	0.2	87	6/14
8	MN06078W	3501	2249	614	2276	2160	11	71.2	14	0.9	86	6/15
9	Steele	3547	3138	515	2314	2378	3	73.5	6	0.3	81	6/15
10	Rollag	2735	2740	343	2654	2118	13	74.3	4	0.0	79	6/15
11	Sabin	3462	3202	619	2710	2498	2	73.1	7	0.1	83	6/16
12	Louise	2724	2416	777	2090	2002	18	65.4	21	0.4	89	6/17
13	MN06079W	3149	2289	518	2111	2017	17	70.2	17	0.3	76	6/12
14	Glenn	2509	3238	538	3196	2370	4	76.8	1	0.5	86	6/12
15	Ulen	3100	3096	501	2635	2333	7	65.4	22	0.4	84	6/13
16	Reed	2835	2301	530	1994	1915	19	66.6	20	0.4	79	6/15
17	Grandin	3236	2921	609	2318	2271	10	72.1	10	0.3	84	6/16
18	McNeal	2965	2891	683	2546	2271	9	71.6	13	0.2	88	6/19
19	Thatcher	1566	2441	538	2672	1804	20	70.6	16	1.0	106	6/20
20	AC Barrie	2438	2892	702	2418	2112	14	72.9	9	0.3	97	6/17
21	Mida	1403	2398	466	1980	1562	22	71.0	15	2.4	110	6/17
22	Ceres	1484	2274	645	2489	1723	21	71.7	12	2.2	101	6/16
23	Marquis	na	2986	484	2980	2150		73.5		1.1	90	6/15
24	Dylan	na	2536	527	2479	1847		71.7		1.7	84	6/17
	Mean	2770	2766	572	2517	2140		71.7		0.7	88	6/16

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## 2012-15 OREI Organic Spring Wheat Trial 3 - 4 Year Summary

### North Dakota State University

Entry	Variety	Grain Yield (kg/h)				Test Weight		Lodg.	Ht	
		2013	2014	2015	Mean	Rank	kg/hl	Rank	Mean	cm
1	Stoa	910	1900	1960	1405	22	58.5	17	0.1	65
2	Red Fife	1206	1742	1546	1474	20	57.5	19	2.3	93
3	RB07	1204	1939	1805	1571	19	59.2	12	0.4	66
4	ND735	1185	2095	2055	1640	14	60.9	2	0.7	73
5	Ada	1290	2203	2311	1746	7	60.3	6	0.5	67
6	MN00261-4	1398	2085	2166	1742	8	60.4	4	0.1	68
7	Tom	1280	1925	2170	1602	15	60.4	5	0.5	69
8	MN06078W	1382	2211	1705	1797	4	59.0	14	1.4	71
9	Steele	1662	2070	2095	1866	3	60.6	3	0.2	72
10	Rollag	1321	2082	1736	1702	10	60.0	7	0.3	63
11	Sabin	1530	2216	2210	1873	2	59.3	11	0.2	65
12	Louise	1455	2361	2200	1908	1	56.5	23	1.8	75
13	MN06079W	869	2073	1888	1471	21	57.5	20	0.8	62
14	Glenn	1596	1930	2204	1763	5	61.8	1	0.5	71
15	Ulen	1157	2139	1953	1648	13	59.5	9	0.4	68
16	Reed	1325	2109	1587	1717	9	57.3	21	1.0	66
17	Grandin	1298	1874	1629	1586	17	59.0	13	0.1	70
18	McNeal	1392	1932	1753	1662	12	57.8	18	0.4	73
19	Thatcher	1089	1636	1219	1363	24	56.3	24	2.8	89
20	AC Barrie	1262	2076	1364	1669	11	57.2	22	1.4	79
21	Mida	1273	1871	1773	1572	18	58.8	15	1.9	88
22	Ceres	1115	1685	1306	1400	23	58.7	16	2.3	83
23	Marquis	1250	1934	2015	1592	16	59.7	8	1.2	75
24	Dylan	1049	2464	2232	1756	6	59.3	10	1.2	70
	Mean	1271	2023	1870	1647		59.0		0.9	72

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## 2012-15 OREI Organic Spring Wheat Trial 3 - 4 Year Summary

### Penn State University

Entry	Variety	Grain Yield (kg/h)				Test Weight		Lodg.	Ht	Heading	
		2012	2013	2014	Mean	Rank	kg/hl	Rank	Mean	cm	Date
1	Stoa	1936	1449	2052	1813	8	65.6	16	0.9	83	6/17
2	Red Fife	939	1477	1725	1380	20	66.4	12	2.0	120	6/21
3	RB07	2317	1168	2185	1890	6	67.1	7	0.7	85	6/16
4	ND735	2219	1117	1962	1766	9	66.9	8	1.1	95	6/19
5	Ada	1608	1638	1746	1664	11	69.7	3	0.7	82	6/16
6	MN00261-4	2309	1286	2165	1920	4	66.7	11	0.4	85	6/17
7	Tom	1892	1715	2769	2126	1	70.9	2	1.1	93	6/15
8	MN06078W	1983	985	1791	1586	13	66.1	14	2.2	94	6/15
9	Steele	2579	1521	2087	2062	3	68.0	4	1.3	90	6/16
10	Rollag	1775	1326	2007	1703	10	66.7	10	0.9	81	6/15
11	Sabin	2686	1358	2233	2092	2	67.4	6	1.3	84	6/17
12	Louise	1201	1414	1593	1403	19	66.0	15	2.0	91	6/20
13	MN06079W	1804	1261	1844	1636	12	64.2	20	1.6	80	6/14
14	Glenn	2139	1541	1889	1856	7	70.9	1	0.7	94	6/14
15	Ulen	2384	1286	2042	1904	5	66.2	13	1.6	89	6/15
16	Reed	1430	978	1869	1426	17	60.7	22	2.2	80	6/15
17	Grandin	1466	1118	1634	1406	18	64.8	19	0.9	85	6/16
18	McNeal	1517	1578	1507	1534	15	67.8	5	0.7	87	6/20
19	Thatcher	899	907	1308	1038	22	64.1	21	2.0	110	6/17
20	AC Barrie	1404	1332	1980	1572	14	66.8	9	2.0	95	6/19
21	Mida	717	1111	1639	1156	21	65.6	17	1.6	112	6/19
22	Ceres	683	1976	1675	1444	16	65.3	18	2.0	111	6/21
23	Marquis	na	1358	2262	1810		65.6		6.0	104	6/15
24	Dylan	na	1200	2080	1640		62.7		4.7	99	6/16
	Mean	1722	1337	1918	1659		66.3		1.7	93	6/17

**No Data for 2015 - Over grown with weeds**

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## 2012-15 OREI Organic Spring Wheat Trial 3 - 4 Year Summary

Willsboro, NY

Entry	Variety	Grain Yield (kg/h)				Mean	Rank	Test Weight		Lodg.	Ht	Heading
		2012	2013	2014	2015			kg/hl	Rank			
1	Stoa	4511	2490	2572	1005	2644	15	71.1	14	0.1	78	6/20
2	Red Fife	3919	1688	2297	1192	2274	21	70.7	16	2.7	117	6/22
3	RB07	5012	2693	2509	1271	2871	10	72.5	7	0.6	78	6/18
4	ND735	4956	2932	2729	1441	3015	3	74.2	3	0.1	84	6/21
5	Ada	4539	2729	2985	1388	2910	8	73.4	5	0.2	77	6/20
6	MN00261-4	4364	3250	2429	1502	2886	9	73.4	4	0.3	82	6/19
7	Tom	4949	3453	3408	1956	3441	1	74.4	2	0.6	83	6/18
8	MN06078W	5330	2139	2270	1946	2921	6	71.5	12	3.7	88	6/18
9	Steele	4504	2210	3091	1676	2870	11	70.1	17	0.0	81	6/19
10	Rollag	4485	2861	2708	1599	2913	7	72.6	6	1.0	75	6/19
11	Sabin	4279	2919	3376	1360	2984	5	72.3	8	1.0	82	6/19
12	Louise	5302	1850	1715	1228	2524	16	67.0	22	2.9	85	6/21
13	MN06079W	4637	2009	2333	910	2472	19	69.4	20	2.8	81	6/17
14	Glenn	4512	2756	3233	1964	3116	2	74.7	1	0.0	87	6/17
15	Ulen	4612	2756	2960	1672	3000	4	71.7	10	1.5	84	6/18
16	Reed	4214	2012	2544	1044	2454	20	67.2	21	2.7	75	6/19
17	Grandin	4721	2497	2458	1219	2724	13	71.1	15	1.1	89	6/19
18	McNeal	4362	2415	2810	1209	2699	14	69.5	19	0.4	88	6/22
19	Thatcher	3795	1724	2385	2072	2494	17	69.8	18	4.3	107	6/24
20	AC Barrie	4597	2641	2647	1531	2854	12	71.9	9	1.8	103	6/20
21	Mida	3620	1798	2122	2356	2474	18	71.6	11	2.5	117	6/21
22	Ceres	3227	1477	1686	1777	2042	22	71.3	13	3.3	108	6/20
23	Marquis	na	2878	4318	2103	3099		71.9		0.3	93	6/21
24	Dylan	na	2833	3165	1553	2517		71.6		0.4	83	6/21
	Mean	4475	2459	2698	1541	2758		71.5		1.4	89	6/20