

2012-15 OREI Organic Spring Emmer Trial - All Locations 3, 4 Year Summaries

Overall Locations		Grain Yield (kg/h)								Test Weight		Lodg. Ht (cm)		Heading
Entry	Variety	FV 3yr	NDSU 4yr	NDCath 3yr	NDRob 3yr	PA 3yr	WB 3yr	Mean	Rank	kg/hl	Rank	Mean	Mean	Date
1	Bowman	1624	3243	1978	2290	578	1907	1937	9	45.0	10	3.8	95	6/26
2	Common-H	1678	3192	2042	2430	598	2058	2000	7	45.9	7	3.9	95	6/26
3	Common-M	1871	3109	1982	2312	601	2263	2023	6	45.9	8	3.4	96	6/26
4	Common-MC	1908	3155	2014	2433	687	2193	2065	5	46.1	6	2.8	96	6/26
5	Common-R	1810	3092	2078	2258	508	2133	1980	8	45.3	9	3.6	93	6/26
6	Debra	1554	2129	1219	1953	1089	2747	1782	11	67.4	1	0.8	68	6/19
7	Lucille	2319	3982	2176	2469	802	3216	2494	2	46.4	5	3.0	97	6/26
8	ND Common	2181	3955	2298	2682	891	2984	2499	1	47.4	2	3.7	98	6/25
9	PI254148	1227	2753	1041	1814	669	3217	1787	10	38.7	12	4.5	72	6/19
10	PI254162	1200	2723	1805	2212	410	1778	1688	12	39.8	11	5.0	79	6/21
11	Red Vernal	2066	3767	2316	2676	839	3206	2478	3	46.8	4	3.2	101	6/25
12	Vernal	2203	3611	2199	2627	917	3050	2435	4	47.0	3	3.1	98	6/25
	Mean	1803	3226	1929	2346	716	2563	2097		46.8		3.4	91	6/24

FV=Freeville, NY; NDSU=Noth Dakota State Univ.; NDCath=Cathay, ND; NDRob=Robinson, ND; PA=Penn State Univ.; WB=Willsboro, NY

Freeville, NY		Grain Yield (kg/h)					Test Weight (kg/hl)					Lodg. Ht (cm)		Heading
Entry	Variety	2012	2013	2014	Mean	Rank	2012	2013	2014	Mean	Rank	Mean	Mean	Date
1	Bowman	2458	1587	826	1624	9	52.0	43.9	50.8	48.9	8	3.0	96	4/4
2	Common-H	2496	1543	996	1678	8	51.4	46.7	48.6	48.9	7	2.4	98	4/6
3	Common-M	2412	2175	1026	1871	6	52.1	49.2	50.9	50.7	6	3.0	98	4/6
4	Common-MC	2511	2274	939	1908	5	53.1	51.5	47.8	50.8	5	1.9	98	4/6
5	Common-R	2503	1941	985	1810	7	49.7	47.7	47.4	48.3	9	2.3	86	3/26
6	Debra	2150	959	-	1554	-	86.4	59.2	-	72.8	-	0.3	82	3/21
7	Lucille	3128	2511	1318	2319	1	53.7	51.5	50.6	51.9	3	2.6	99	4/8
8	ND Common	2780	2536	1228	2181	3	53.0	52.6	50.3	52.0	2	3.3	86	3/25
9	PI254148	1950	1436	295	1227	11	45.5	38.5	36.1	40.0	11	0.7	71	3/10
10	PI254162	2373	672	553	1200	12	48.3	35.1	40.0	41.1	10	4.8	81	3/21
11	Red Vernal	2795	2306	1097	2066	4	52.6	51.8	50.4	51.6	4	3.9	106	4/14
12	Vernal	2875	2523	1212	2203	2	53.8	52.9	50.6	52.5	1	3.6	102	4/11

NDSU		Grain Yield (kg/h)					Test Weight (kg/hl)					Lodg. Ht (cm)		Heading
Entry	Variety	2012	2013	2014	Mean	Rank	2012	2013	2014	Mean	Rank	Mean	Mean	Date
1	Bowman	2756	3645	3328	3243	6	44.8	57.9	46.3	49.7	7	2.7	97	7/2
2	Common-H	2505	3756	3317	3192	7	45.3	58.5	46.7	50.2	5	3.4	98	7/2
3	Common-M	2943	3086	3298	3109	9	44.3	59.0	44.6	49.3	9	2.4	103	7/2
4	Common-MC	3018	3322	3125	3155	8	44.8	57.8	43.7	48.8	11	2.0	102	7/2
5	Common-R	2621	3297	3359	3092	10	44.2	58.2	45.8	49.4	8	3.0	101	7/2
6	Debra	2096	2143	2148	2129	13	65.8	87.9	62.7	72.1	1	0.0	71	6/24
7	Lucille	3581	4860	3505	3982	1	44.9	56.4	45.9	49.1	10	2.5	105	7/2
8	ND Common	3660	4339	3867	3955	2	45.4	58.8	46.3	50.2	4	2.8	101	7/2
9	PI254148	3103	2547	2609	2753	11	46.1	50.9	33.7	43.6	13	3.1	83	6/27
10	PI254162	2643	2738	2788	2723	12	39.5	53.0	38.5	43.7	12	4.6	71	6/24
11	Red Vernal	3503	4181	3618	3767	3	47.0	57.4	44.8	49.7	6	2.1	100	7/2
12	Vernal	3589	3610	3635	3611	5	46.1	59.1	45.7	50.3	3	1.3	99	7/2

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

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Cathay, ND		Grain Yield (kg/h)					Test Weight (kg/hl)					Lodg. Ht (cm)	
Entry	Variety	2013	2014	2015	Mean	Rank	2013	2014	2015	Mean	Rank	Mean	Mean
1	Bowman	1791	2166	1710	1889	8	57.5	43.7	39.7	47.0	5	3.0	83
2	Common-H	1866	2217	1760	1948	5	58.1	44.7	40.5	47.7	3	2.7	84
3	Common-M	1790	2175	1639	1868	10	56.9	42.6	38.1	45.9	10	2.5	81
4	Common-MC	1810	2218	1729	1919	6	57.1	42.3	38.3	45.9	9	1.9	81
5	Common-R	1897	2259	1496	1884	9	58.3	44.8	39.3	47.5	4	2.8	82
6	Debra	1000	1439	1323	1254	11	82.6	64.1	62.2	69.6	1	0.0	59
7	Lucille	1798	2553	1756	2036	4	57.0	43.4	39.5	46.7	6	1.8	84
8	ND Common	2058	2538	1920	2172	1	60.1	45.6	41.2	48.9	2	2.4	86
9	PI254148	796	1286	1182	1088	12	48.7	34.6	33.6	39.0	12	4.9	56
10	PI254162	1539	2071	2086	1899	7	54.2	38.3	38.7	43.7	11	6.3	67
11	Red Vernal	2085	2547	1640	2091	3	57.4	43.6	38.0	46.3	8	1.8	89
12	Vernal	1865	2534	1932	2110	2	56.9	44.3	38.8	46.6	7	1.8	87

Robinson, ND		Grain Yield (kg/h)					Test Weight (kg/hl)					Lodg. Ht (cm)	
Entry	Variety	2013	2014	2015	Mean	Rank	2013	2014	2015	Mean	Rank	Mean	Mean
1	Bowman	2774	1806	691	1757	9	56.5	46.2	31.7	44.8	10	3.5	90
2	Common-H	2855	2005	625	1828	6	57.3	48.1	37.2	47.5	2	3.6	90
3	Common-M	2782	1843	739	1788	8	55.4	46.7	36.7	46.2	5	3.9	87
4	Common-MC	2960	1906	719	1862	5	55.2	46.1	35.4	45.6	7	2.8	91
5	Common-R	2690	1825	607	1708	10	57.7	46.3	38.0	47.3	3	3.5	90
6	Debra	2322	1584	717	1541	11	90.7	57.0	52.9	66.9	1	0.8	63
7	Lucille	2900	2038	878	1939	4	55.9	45.8	35.2	45.7	6	2.8	89
8	ND Common	3081	2283	889	2084	2	56.4	47.8	35.4	46.5	4	3.4	97
9	PI254148	2005	1623	742	1457	12	49.7	41.7	34.5	42.0	12	6.4	62
10	PI254162	2522	1903	984	1803	7	50.7	44.7	34.1	43.2	11	5.8	77
11	Red Vernal	3382	1971	1069	2141	1	55.4	46.8	34.4	45.5	9	2.9	96
12	Vernal	3299	1956	844	2033	3	55.3	46.3	34.9	45.5	8	3.3	89

Penn State Univ.		Grain Yield (kg/h)					Test Weight (kg/hl)					Lodg. Ht (cm)		Heading	
Entry	Variety	2012	2013	2014	Mean	Rank	2012	2013	2014	Mean	Rank	Mean	Mean	Date	
1	Bowman	640	516	1107	754	9	40.7	na	48.7	44.7	6	3.2	98	6/27	
2	Common-H	636	560	1078	758	8	39.4	na	48.9	44.1	7	4.3	98	6/27	
3	Common-M	765	437	1074	759	7	41.5	na	48.9	45.2	5	2.2	103	6/27	
4	Common-MC	936	439	1102	826	6	41.8	na	48.8	45.3	4	2.7	102	6/26	
5	Common-R	559	456	982	666	10	39.0	na	48.6	43.8	8	4.3	100	6/27	
6	Debra	1936	242	-	1089	2	66.3	na	-	-	-	3.5	66	6/17	
7	Lucille	1083	521	1027	877	5	41.2	na	40.2	40.7	9	2.5	100	6/26	
8	ND Common	1077	704	1513	1098	1	43.0	na	50.2	46.6	1	3.3	105	6/26	
9	PI254148	771	567	-	669	-	31.7	na	-	-	-	5.0	72	6/16	
10	PI254162	583	237	339	386	11	34.8	na	19.1	27.0	10	3.7	80	6/21	
11	Red Vernal	1000	679	1271	983	4	42.4	na	48.4	45.4	3	3.0	104	6/25	
12	Vernal	970	863	1261	1031	3	42.4	na	49.0	45.7	2	4.2	106	6/25	

Willsboro, NY		Grain Yield (kg/h)					Test Weight (kg/hl)					Lodg. Ht (cm)		Heading	
Entry	Variety	2012	2013	2015	Mean	Rank	2012	2013	2015	Mean	Rank	Mean	Mean	Date	
1	Bowman	2813	1001	796	1907	11	40.5	17.3	42.4	28.9	11	7.2	105	6/23	
2	Common-H	3034	1083	811	2058	10	41.3	24.2	41.2	32.8	8	6.5	103	6/23	
3	Common-M	3288	1238	1075	2263	7	39.6	26.0	40.9	32.8	7	5.8	104	6/24	
4	Common-MC	3537	849	905	2193	8	41.7	27.8	43.0	34.8	5	5.5	104	6/23	
5	Common-R	3313	953	1012	2133	9	42.1	20.8	43.6	31.5	9	5.2	96	6/25	
6	Debra	3895	1600	604	2747	6	69.3	23.1	na	46.2	1	0.0	63	6/17	
7	Lucille	4395	2038	1262	3216	2	42.6	27.9	43.5	35.2	4	5.7	109	6/23	
8	ND Common	4071	1897	1642	2984	5	41.4	27.8	44.8	34.6	6	6.5	110	6/22	
9	PI254148	4235	2198	768	3217	1	36.2	22.4	39.8	29.3	10	6.0	87	6/16	
10	PI254162	3339	218	989	1778	12	36.6	14.1	39.3	25.3	12	5.0	96	6/20	
11	Red Vernal	4124	2289	1226	3206	3	41.5	29.2	44.3	35.3	3	5.5	107	6/23	
12	Vernal	4458	1642	1253	3050	4	42.3	29.1	41.0	35.7	2	4.3	106	6/23	

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