

2013-14 OREI Organic Spring Spelt Trial - All Locations 2 - 4 Year Summary

Over All Locations		Grain Yield (kg/h)					Test Weight		Lodg.	Ht (cm)	Head		
Entry	Variety	FV	NDSU	NDCath	NDRob	PA	Mean	Rank	(kg/hl)	Rank	Mean	Mean	Date
1	CDC Zorba	2367	4173	3045	1793	1435	2563	1	39.1	4	1.4	113	6/12
2	AC Boveria	1726	2816	2621	1467	924	1911	5	42.1	3	4.2	113	6/15
3	94-288	1828	2861	2643	1457	1456	2049	4	38.2	5	3.2	93	6/26
4	Forage Spelt	1646	3462	2639	1629	1538	2183	2	43.5	2	2.8	114	6/9
5	SK3P	1671	3189	2699	1647	1447	2131	3	44.8	1	2.8	117	6/9
Mean		1848	3300	2729	1599	1360	2167		41.5		2.9	110	6/14

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	2015	Mean	Rank	2012	2013	2014	2015	Mean	Rank	Mean	Mean	Date
1	CDC Zorba	2065	3000	1734	3323	2531	1	37.9	39.4	42.5	43.4	41.8	5	0.0	121	6/24
2	AC Boveria	1795	2396	1056	1739	1747	3	39.5	42.2	42.3	45.5	43.3	4	3.1	118	6/25
3	94-288	-	2202	1455	1920	1859	2	-	39.5	39.1	40.0	39.5	6	0.8	88	6/17
4	Forage Spelt	-	2250	1041	1930	1740	4	-	46.7	49.6	45.1	47.1	2	2.2	120	6/22
5	SK3P	-	2314	1029	1749	1697	5	-	46.2	51.0	49.4	48.8	1	2.5	121	6/23
6	Red Chaff	-	2036	982	1598	1539	6	-	44.1	43.8	39.1	42.3	3	0.7	80	6/14
Mean		1930	2367	1216	2043	1852		38.7	43.0	44.7	43.7	43.8		1.5	108	6/21

NDSU		Grain Yield (kg/h)					Test Weight (kg/hl)					Lodg.	Ht (cm)	Heading
Entry	Variety	2013	2014	2015	Mean	Rank	2013	2014	2015	Mean	Rank	Mean	Mean	Date
1	CDC Zorba	4195	4151	1949	3432	1	44.3	36.3	31.1	37.2	3	1.9	115	7/8
2	AC Boveria	2991	2641	-	2816	-	48.4	43.4	-	45.9	-	4.1	106	7/10
3	94-288	3173	2549	-	2861	-	48.7	32.9	-	40.8	-	5.1	106	7/10
4	Forage Spelt	3628	3296	1262	2728	2	51.6	34.7	37.6	41.3	2	3.2	105	7/1
5	SK3P	3727	2651	1209	2529	3	54.4	44.3	36.5	45.1	1	3.3	110	7/2
6	Red Chaff	2693	-	-	-	-	49.3	-	-	-	-	-	-	-
Mean		3401	3057	1473	2873		49.4	38.3		42.1		3.5	108	7/6

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	CDC Zorba	3554	2535	1546	2545	1	42.8	34.8	35.6	37.7	3	0.8	107
2	AC Boveria	3043	2200	1668	2304	2	43.3	30.8	36.6	36.9	4	4.8	103
3	94-288	3050	2236	1239	2175	5	43.2	30.1	34.3	35.8	5	3.0	83
4	Forage Spelt	3000	2278	1253	2177	4	49.9	40.2	39.4	43.1	1	2.7	109
5	SK3P	2987	2412	1214	2204	3	48.6	40.4	37.8	42.2	2	2.9	106
Mean		3127	2332	1384	2281		45.5	35.2	36.7	39.2		2.8	102

Robinson, ND		Grain Yield (kg/h)				Test Weight (kg/hl)				Lodg.	Ht (cm)
Entry	Variety	2013	2014	Mean	Rank	2013	2014	Mean	Rank	Mean	Mean
1	CDC Zorba	2535	1051	1793	1	45.5	33.9	39.7	3	0.0	114
2	AC Boveria	1835	1099	1467	4	42.6	32.7	37.7	4	1.7	117
3	94-288	2032	882	1457	5	45.9	28.8	37.4	5	1.8	94
4	Forage Spelt	2285	973	1629	3	49.7	31.1	40.4	1	1.2	109
5	SK3P	2321	972	1647	2	48.7	31.3	40.0	2	1.6	116
Mean		2202	996	1599		46.5	31.6	39.0		1.3	110

No spring spelt trial in 2015

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Penn State Univ.	Entry Variety	Grain Yield (kg/h)					Test Weight (kg/hl)					Lodg.	Ht (cm)	Heading
		2012	2013	2014	Mean	Rank	2012	2013	2014	Mean	Rank	Mean	Mean	Date
1	CDC Zorba	-	1125	1745	1435		-	na	39.2	39.2	5	4.5	107	5/4
2	AC Boveria	821	745	1104	924	4	27.5	na	46.6	46.6	2	7.3	122	5/12
3	94-288	-	1300	1612	1456		-		37.4	37.4	6	5.3	94	6/21
4	Forage Spelt	1257	1255	1821	1538	1	30.0	na	45.7	45.7	3	4.7	127	5/6
5	SK3P	-	1152	1743	1447	2	-	na	48.0	48.0	1	3.8	133	5/3
6	Red Chaff	-	1059	1565	1312	3	-	na	42.4	42.4	4	3.2	104	4/29
	Mean	1039	1106	1598	1352		28.8		43.2	43.2		4.8	115	5/13

No data for 2015 - Overgrown with weeds

Willsboro, NY	Entry Variety	Yield (kg/h)		Test Wt (kg/hl)		Lodg.	Ht (cm)
		2012	Rank	2012	Rank	2013	Mean
1	CDC Zorba	3218	1	32.0	1	0	98
2	AC Boveria	2714	2	30.9	2	0	103
	Mean	2966		31.5		0.0	101

No data for 2015 - Poor stand establishment

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