

2012-15 OREI Organic Winter Spelt Trial - All Locations 4 Year Summary

Summary Over Locations

Entry	Variety	Grain Yield (kg/h)			Test Weight (kg/h)		Lodg. Ht (cm)		Heading	Winter		
		FV	PA	WB	Mean	Rank	Mean	Mean	Date	Survival %		
1	Frank	2792	2091	3584	2822	3	37.0	1	4.0	113	6/12	84
2	Maverick	2902	2798	4614	3438	1	36.4	2	2.3	106	6/2	50
3	Oberkulmer	2811	2480	3658	2983	2	34.8	4	2.5	116	6/6	60
4	PI348159	2566	2284	3577	2809	4	35.3	3	3.5	117	6/12	67
Mean		2768	2413	3858	3013		35.9		3.1	113	6/8	65

FV=Freville, NY; PA= Penn State University, WB=Willsboro, NY

Freeville 4 Year Summary

Entry	Variety	Grain Yield (kg/h)				Test Weight (kg/h)				Lodg 0-9	Ht (cm)	Heading	Winter				
		2012	2013	2014	2015	Mean	Rank	2012	2013	2014	2015	Mean	Rank	Mean	Mean	Date	Survival %
1	Comet		1822	845	4694	2454		33.4	42.4	41.1	39.0		1.0	83	5/31	74	
2	Frank	2944	2361	1527	4336	2792	3	47.5	37.3	43.4	43.2	42.8	2	3.1	114	6/10	79
3	Maverick	3329	2526	1535	4218	2902	1	46.5	33.9	53.4	47.0	45.2	1	2.3	104	5/31	78
4	Oberkulmer	2974	2023	1919	4328	2811	2	45.4	35.8	44.3	42.6	42.0	3	2.1	120	6/8	78
5	PI348159	2880	1970	1355	4059	2566	4	46.9	35.9	35.9	44.2	40.7	4	2.5	118	6/11	72
6	Sungold		1914	1489	5513	2972		34.9	40.4	40.5	38.6		1.2	108	6/6	71	
Mean		3032	2103	1445	4524	2749		46.6	35.2	43.3	43.1	41.4		2.0	108	158	75

Penn State 4 Year Summary

Entry	Variety	Grain Yield (kg/h)				Test Weight (kg/h)				Lodg 0-9	Ht (cm)	Heading				
		2012	2013	2014	2015	Mean	Rank	2012	2013	2014	2015	Mean	Rank	0-9	Mean	Date
1	Comet	Ω	2936	3300	2317	2851		na	39.7	37.5	27.4	34.9		0.0	72	5/30
2	Frank	859	2543	2659	2302	2091	4	31.8	42.0	38.2	28.4	35.1	1	6.7	105	6/8
3	Maverick	1678	2899	3318	3296	2798	1	24.2	41.1	39.6	31.5	34.1	3	2.7	100	5/30
4	Oberkulmer	1565	2649	3169	2536	2480	2	29.1	38.2	34.5	24.7	31.6	4	5.3	109	6/1
5	PI348159	712	2619	2997	2807	2284	3	30.3	42.1	35.5	29.0	34.2	2	6.7	108	6/9
6	Sungold	na	2751	4129	4372	3751		na	39.2	35.4	29.1	34.6		1.3	103	6/6
Mean		1204	2733	3262	2938	2709		28.8	40.4	36.8	28.4	34.1		3.8	99	6/4

Willsboro 4 Year Summary

Entry	Variety	Grain Yield (kg/h)				Test Weight (kg/h)				Lodg 0-9	Ht (cm)	Heading	Winter				
		2012	2013	2014	2015	Mean	Rank	2012	2013	2014	2015	Mean	Rank	Mean	Mean	Date	Survival %
1	Comet		5316	5286	660	3754		24.2	29.0	33.9	26.6		0.3	94	6/9	24	
2	Frank	3758	4881	3574	2122	3584	3	35.9	29.6	33.8	39.3	33.1	1	2.2	120	6/17	89
3	Maverick	4553	7640	5311	952	4614	1	28.9	27.8	33.1	37.4	29.9	4	1.8	114	6/6	23
4	Oberkulmer	3716	5359	4283	1275	3658	2	31.9	27.4	32.5	36.9	30.6	3	0.0	119	6/10	41
5	PI348159	4340	4946	4003	1019	3577	4	34.9	27.4	30.3	35.7	30.8	2	1.3	126	6/16	63
6	Sungold		6619	5852	847	4439		25.2	31.5	35.7	28.4		1.8	118	6/16	53	
Mean		4092	5793	4718	1146	3938		32.9	26.9	31.7	36.5	29.9		1.2	115	6/12	49

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