

2010 Red Winter Wheat Summaries - Cornell University

Entry	Grain Yield (kg/h)					Test		Preharvest							FHB				
	Regional Locations					Weight	Lodg.	Head	Sprouting	Mildew	Height	wssmv	wsbmv	Incid.	Sev.	Index			
	lth-Sny	lth-Ket	SenCo	GenCo	Mean												Rank	0-9	Rank
1 Cayuga*	3717	4005	5409	5898	4757	30	74.0	19	3.9	5/27	0.8	9	4.0	125	2.0	1.3	na	na	na
2 Richland*	5156	4649	5564	6737	5527	23	73.3	23	2.4	5/29	5.1	29	0.0	105	1.7	1.0	na	na	na
3 Truman	5677	3977	5549	5810	5253	29	74.8	11	3.0	5/27	0.6	7	2.5	100	4.3	0.7	27.5	17.5	4.8
4 Otsego (OH751)	5133	5018	6280	6712	5786	17	74.1	18	3.0	5/27	0.5	5	1.5	103	6.3	2.2	16.3	13.5	2.2
5 Pioneer 25R47	6514	5048	6029	6426	6004	10	73.0	27	1.3	5/26	2.0	22	0.0	90	3.2	0.2	18.8	13.0	2.4
6 Emmitt	5883	5333	6006	6803	6006	9	73.8	21	1.8	5/27	1.0	13	1.5	98	3.2	1.2	35.0	14.8	5.2
7 Pioneer 25R62	6486	4871	5867	7108	6083	7	72.2	29	1.3	5/26	3.4	27	4.5	95	5.0	1.5	27.5	8.3	2.3
8 Pioneer 25R39	5290	4771	5874	6052	5497	24	74.2	16	2.8	5/26	0.9	12	0.0	93	4.0	0.8	8.8	6.7	0.6
9 FS 652	5614	4861	5276	7308	5765	18	73.2	24	1.8	5/27	1.3	17	3.5	93	1.7	0.5	30.0	8.8	2.6
10 FS 801	7390	4238	6006	7006	6160	5	76.0	4	1.5	5/25	0.4	3	3.5	100	4.7	1.3	37.5	13.5	5.1
11 Dyna-Gro Shirley	6531	4767	5858	6300	5864	14	73.1	26	1.4	5/26	1.7	19	0.0	93	2.3	1.2	28.8	21.5	6.2
12 Dyna-Gro V9723	5530	4641	5683	6539	5598	21	74.2	17	1.7	5/26	2.7	25	3.0	103	3.0	1.2	28.8	14.0	4.0
13 HY116-SRW	5633	5070	5707	6782	5798	16	73.4	22	3.0	5/27	1.0	14	2.5	98	0.7	1.2	21.3	9.3	2.0
14 FSX888	5279	5358	6378	7128	6036	8	75.2	10	1.8	5/26	1.2	16	5.0	95	5.2	1.2	25.0	18.0	4.5
15 OH02-12686	6531	5535	6334	7240	6410	1	74.7	12	1.7	5/27	3.0	26	3.5	98	6.2	0.8	18.8	7.8	1.5
16 Bromfield(OH02-12678)	5417	4640	5680	6493	5557	22	75.4	8	2.2	5/27	2.5	24	0.5	103	2.2	0.5	33.8	10.0	3.4
17 OH04-264-58	5438	4936	5408	5581	5341	27	73.9	20	0.9	5/27	1.1	15	2.5	88	0.5	1.0	35.0	11.5	4.0
18 OH04-268-39	6519	5067	6330	6960	6219	3	73.1	25	2.3	5/28	0.4	2	1.5	103	0.7	0.8	35.0	14.8	5.2
19 OH05-248-38	6580	5317	5560	6482	5985	11	74.5	14	1.5	5/25	4.7	28	1.5	88	0.5	6.0	46.3	14.5	6.7
20 IL02-19463	5958	4412	5031	6125	5381	25	76.3	3	2.3	5/23	5.5	30	4.0	95	0.3	1.0	25.0	10.8	2.7
21 IL04-8445	5798	5113	5749	6280	5735	19	76.0	5	2.0	5/26	0.5	4	2.0	85	2.3	1.2	33.8	12.5	4.2
22 IL04-11003	5479	5347	5682	6820	5832	15	75.3	9	1.9	5/25	0.5	6	4.0	95	5.3	1.7	22.5	15.8	3.5
23 KY97C-0321-02-01	7193	5371	6358	6716	6409	2	72.9	28	2.1	5/28	1.7	20	3.0	90	4.7	1.0	46.3	8.8	4.0
24 KY97C-0519-04-07	6592	5317	6183	6780	6218	4	72.1	30	1.3	5/28	2.3	23	1.0	90	0.3	0.3	43.8	11.5	5.0
25 W06-089	5646	5381	6081	6363	5868	13	75.7	6	2.6	5/26	0.9	11	1.5	98	0.8	0.3	25.0	11.0	2.8
26 W06-522A	4338	4427	6190	6473	5357	26	74.5	15	3.8	5/25	0.3	1	5.0	95	0.7	0.5	22.5	12.3	2.8
27 P99751RA1-6-3-94	5595	4572	5116	5973	5314	28	75.4	7	1.5	5/26	0.6	8	0.0	93	1.2	1.0	35.0	12.5	4.4
28 VA05W-258	5799	5005	6348	6681	5958	12	74.6	13	2.1	5/26	1.6	18	2.0	100	0.5	0.7	36.3	15.8	5.7
29 VA05W-151	6887	5227	5817	6687	6155	6	76.8	1	2.5	5/24	0.8	10	0.5	90	0.5	1.7	36.3	14.0	5.1
30 Roane	5733	4989	5684	6150	5639	20	76.5	2	2.1	5/26	1.7	21	0.5	90	0.5	0.2	31.3	15.5	4.8
Mean	5845	4909	5835	6547	5784		74.4		2.1	5/26	1.7		2.2	96	2.5	1.1	29.7	12.8	3.8
CV	9.4	9.1	5.7	6.4															

*=White Winter Wheat

Cumulative Summary																		
Entry	Grain Yield						Test Wt(2Yr)	Lodg.	Height	Head	Preharv				FHB			
	5 Year		4 Year		2 Year						Surv.	Sprout	wssmv	wsbmv	Incid.	Sev.	Index	
	kg/h	b/a	kg/h	b/a	kg/h	b/a												0-9
1 Cayuga	4730	70	4861	72	5084	76	75.1	58.7	2.8	118	5/29	N	0.6	2.0	1.0	na	na	na
2 Richland	5483	82	5697	85	5737	85	74.2	58.0	1.4	100	5/30	O	3.4	1.2	0.5	na	na	na
3 Truman	5061	75	5103	76	5381	80	75.5	59.0	1.8	96	5/29	N	0.7	4.0	2.5	27.5	17.5	4.8
4 Otsego (OH751)	5599	83	5741	85	6151	91	74.3	58.1	1.6	97	5/29	E	0.3	3.5	1.4	16.3	13.5	2.2
5 Pioneer 25R47			5717	85	6100	91	73.4	57.3	0.7	86	5/29		1.1	2.8	1.1	18.8	13.0	2.4
6 Emmitt					6035	90	74.2	58.0	0.9	93	5/29		0.6	2.1	3.1	35.0	14.8	5.2
7 Pioneer 25R62					6209	92	72.3	56.5	0.6	88	5/28		2.5	4.0	0.8	27.5	8.3	2.3
8 Pioneer 25R39					5886	88	74.6	58.3	1.5	90	5/28		0.6	3.2	1.3	8.8	6.7	0.6
9 FS 652					6127	91	73.9	57.8	1.1	86	5/29		1.0	2.8	1.8	30.0	8.8	2.6
10 FS 801					5990	89	76.0	59.4	1.0	93	5/30		0.2	3.2	1.2	37.5	13.5	5.1

M.E. Sorrells, D. Benschler, J. Shiffer, J. Tanaka - Department of Plant Breeding & Genetics, Cornell University