

# 2015 Soft White Winter Wheat Summaries – Cornell University

Entry	Grain Yield (kg/h)					Test Weight kg/hl	Lodging Score	Head Date	Winter Surv %	Height cm	Preharvest			FHB Incid.	FHB Sev. %	FHB Index			
	Regional Locations										Rank	0-9	2 Loc				Sprouting 0-9	WSSMV 0-9	WSbMV 0-9
	lth-Hel	lth-Ket	LivCo	MonCo	Mean														
1 Houser	4446	4299	4783	6422	4987	20	71.9	25	1.0	5/31	97	100	3.7	9	3.7	N	NA	NA	NA
2 Caledonia	4790	4094	5933	5064	4970	22	69.4	30	0.8	5/30	99	76	5.9	29	4.0	O	78	42	33
3 Cayuga	4461	3789	4947	5858	4764	28	75.3	3	2.9	5/31	99	102	2.2	2	4.3		NA	NA	NA
4 Medina	5431	4579	5431	5990	5358	5	73.2	12	1.3	5/30	98	93	1.4	5	3.7	S	66	25	16
5 Hopkins	5701	4869	5771	6381	5680	1	72.5	20	0.5	5/29	100	85	4.2	14	3.0	Y	51	10	5
6 Otsego	5556	5020	5908	5573	5514	4	75.3	2	1.2	5/29	98	81	1.0	1	3.0	M	78	15	12
7 NY99059-249	5736	5045	5835	6028	5661	2	73.9	9	1.0	5/31	98	82	5.0	24	5.0	P	61	29	18
8 NY99056-161	5084	4213	6014	5989	5325	7	74.1	5	0.9	6/3	91	89	3.1	16	2.3	T	49	19	9
9 NY01016-AN	4893	4451	5422	6369	5284	10	73.9	8	0.7	5/29	96	90	3.7	7	5.0	O	57	19	11
10 NY94025-136	5117	4037	5668	5629	5113	16	72.1	24	0.6	5/30	98	76	1.8	4	3.0	M	64	19	12
11 NY96153-167	5156	4079	5527	5909	5168	14	72.5	21	0.8	5/28	94	82	3.7	17	3.3	S	76	46	35
12 NY94052-207	5273	4895	5116	5912	5299	9	72.6	18	1.0	6/1	98	91	3.2	28	4.3		56	31	17
13 NY99069-249	5569	4557	5942	6031	5525	3	72.5	22	1.7	5/29	98	76	3.6	18	4.7		50	16	8
14 NY99069-352	5726	4461	5287	5374	5212	11	71.7	27	2.7	5/30	97	76	3.8	30	3.7		37	16	6
15 NY05158-833	5166	4516	5696	5357	5184	13	72.6	19	0.4	5/29	96	69	4.4	26	2.7		14	14	2
16 NY05158-857	5134	4106	5208	5274	4930	24	72.9	17	0.4	5/28	93	69	3.6	23	1.0		35	13	4
17 NY05158-841	4796	4035	5259	5053	4786	27	73.0	16	0.6	5/29	96	70	4.2	27	1.3		30	8	2
18 NY05158-842	4968	3969	5332	5011	4820	26	71.6	28	0.2	5/29	91	68	3.6	19	1.0		51	12	6
19 NY05158-864	5126	4348	4987	5602	5016	19	74.0	6	0.4	5/29	100	70	3.2	20	3.3		30	7	2
20 NY05158-846	4813	4678	5469	5596	5139	15	73.1	14	0.4	5/29	96	72	4.5	22	2.3		55	11	6
21 NY05158-859	4914	4403	5667	4960	4986	21	73.2	13	0.4	5/29	99	68	3.9	25	2.0		24	13	3
22 NY07078-876	5521	4808	5227	5791	5337	6	73.0	15	1.2	5/31	98	84	1.4	8	4.0		51	20	10
23 NY09090-2-901	4864	4440	5226	5841	5092	17	72.1	23	0.7	5/29	98	84	4.2	6	6.0		54	19	10
24 NY02008-813	5051	4569	5098	6105	5206	12	73.8	10	0.8	6/2	100	91	2.5	3	4.0		63	24	15
25 NY94052-6090B-1074	5156	4600	5525	6009	5323	8	73.8	11	0.7	6/5	99	87	2.9	11	2.7		52	15	8
26 09079-6-07-1114	4761	4683	4889	5088	4855	25	75.2	4	0.8	5/31	96	91	2.2	21	3.7		47	14	6
27 NY05152-821	5218	4500	4822	5653	5048	18	75.7	1	0.6	5/30	99	84	0.2	15	4.0		62	12	7
28 NY10127-10-36-1307	4505	4209	5638	5461	4953	23	73.9	7	0.6	5/29	99	80	3.9	12	3.7		50	21	10
29 NY02003-1202	3609	3752	5275	5773	4602	29	70.7	29	0.6	5/29	93	83	4.5	10	3.7		56	20	11
30 NY01019-1187	4512	3345	5016	5464	4584	30	71.8	26	0.5	5/31	90	77	1.7	13	0.7		75	29	22
Mean	5035	4378	5397	5685	5124		73.1		0.9	5/25		81	3.2		3.3		53	19	11
CV	7.2	3.5	9.4	6.2															

Cumulative Summary		Grain Yield					Test Weight		Lodging		Head Date	FHB %Inc	FHB %Sev	FHB Index	Preharv Sprout	WSSMV Rating	WSbMV Rating	Height cm		
		4 Year		3 Year		2 Year		3 Yr	2 Yr	0-9									0-9	
		kg/h	b/a	kg/h	b/a	kg/h	b/a													3 Yr
1 Houser	4916	73	4965	74	5237	78	71.3	56.2	70.9	55.8	3.1	3.2	6/2	na	na	na	2.8	2.5	2.7	104
2 Caledonia	4996	74	5041	75	5362	80	69.6	54.8	68.6	54.0	1.1	0.5	6/1	69	35	25	5.2	3.2	2.7	79
3 Cayuga	4538	67	4647	69	5016	75	74.5	58.6	73.9	58.2	3.8	3.9	6/2	na	na	na	1.2	2.3	1.3	107
4 Medina	5109	76	5127	76	5486	82	72.1	56.8	71.6	56.4	1.8	1.1	6/1	51	22	11	1.5	2.0	0.7	95
5 Hopkins	5285	79	5362	80	5899	88	70.5	55.5	69.4	54.7	1.7	0.9	6/1	50	13	7	3.2	1.7	0.7	88
6 Otsego	5212	78	5308	79	5712	85	72.9	57.4	72.3	57.0	3.5	2.9	5/31	60	16	9	0.5	2.0	1.3	88
7 NY99059-249	5421	81	5508	82	5981	89	71.7	56.5	70.4	55.5	2.3	1.6	6/2	45	24	12	4.1	3.0	0.7	83
8 NY99056-161	5356	80	5380	80	5809	86	71.3	56.1	70.6	55.6	2.1	1.8	6/3	42	14	6	2.9	2.3	1.7	94
9 NY01016-AN	5335	79	5344	79	5451	81	73.3	57.7	72.8	57.3	1.0	0.9	5/31	45	16	7	2.7	2.8	3.7	94
10 NY94025-136			5238	78	5602	83	71.1	56.0	69.8	54.9	1.2	0.5	6/1	51	20	10	1.6	1.7	0.7	80
11 NY96153-167			5165	77	5451	81	72.0	56.7	71.0	55.9	1.3	0.6	5/30	74	38	28	3.2	3.0	1.0	86
12 NY94052-207			5442	81	5791	86	70.8	55.7	69.6	54.8	2.0	1.6	6/3	58	29	17	3.0	4.8	5.3	96
13 NY99069-249			5449	81	5784	86	71.2	56.1	69.7	54.9	3.2	2.7	5/31	48	17	8	3.4	3.3	4.3	80
14 NY99069-352			5228	78	5583	83	70.4	55.4	68.9	54.3	2.7	2.0	5/31	45	15	6	3.3	4.3	2.0	81
15 NY05158-833					5550	83			70.9	55.9		0.8	6/1	32	14	4	2.9	2.3	0.0	72
16 NY05158-857					5305	79			71.9	56.6		0.9	5/29	48	15	8	2.8	1.0	0.7	71
17 NY05158-841					5229	78			71.7	56.5		0.6	6/1	41	13	6	3.4	1.3	1.0	72
18 NY05158-842					5244	78			71.3	56.2		0.3	6/1	55	13	7	2.8	1.5	0.7	71
19 NY05158-864					5475	81			71.4	56.2		0.7	6/1	30	7	2	2.6	3.7	1.7	73
20 NY05158-846					5530	82			71.3	56.1		0.9	5/31	55	11	6	3.0	2.5	1.3	74
21 NY05158-859					5439	81			71.3	56.2		0.5	6/1	24	13	3	3.1	1.7	1.0	74
22 NY07078-876					5602	83			70.7	55.7		1.2	6/2	51	20	10	1.6	2.5	3.0	88
23 NY09090-2-901					5440	81			70.6	55.6		0.7	6/1	54	19	10	2.9	4.0	3.0	87
24 NY02008-813					5550	83			71.2	56.1		1.8	6/5	63	24	15	2.4	3.0	2.0	95
25 NY94052-6090B-1074					5638	84			70.9	55.9		1.3	6/6	52	15	8	2.4	1.7	0.3	92

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## 2015 Red Winter Wheat Summaries - Cornell University

Entry	Grain Yield (kg/h)						Test Weight kg/hl	Lodg. Rank	Lodg. 0-9	Head Date	Preharvest		Winter Surv. %	Height cm	wssmv 0-9	wsbmv 0-9	FHB			
	Regional Locations										Rank	0-9					Rank	Incid. %	Sev. %	Index
	lth-Hel	lth-Ket	LivCo	MonCo	Mean	Rank														
1 Otsego	5808	4822	4555	5608	5198	24	75.2	12	1.6	5/28	0.7	22	97	85	1.0	N	78	15	11.9	
2 Erie (OH02-12686)	5190	5383	4886	6382	5460	16	75.3	11	0.5	5/31	1.9	28	100	88	2.0	O	56	15	8.5	
3 Pioneer 25R46	5255	5769	6108	7025	6039	4	74.8	14	0.0	5/29	0.4	15	100	78	2.0	N	39	10	4.0	
4 Pioneer 25R40	5850	5693	6174	7032	6187	2	74.5	17	0.4	5/29	0.4	18	100	70	4.7	E	62	16	10.2	
5 MO081652	5880	5751	4591	6214	5609	9	77.0	4	1.3	5/27	0.3	13	100	90	3.3		31	10	3.2	
6 MO080104	5758	5360	4845	6162	5531	11	77.1	3	1.6	5/28	0.4	19	100	82	3.3		36	17	6.2	
7 KY03C-1237-39	5377	4785	4662	6292	5279	22	74.1	21	1.4	5/28	0.3	14	91	73	3.7		34	13	4.5	
8 Pioneer 25R50	5610	5143	5415	5300	5367	21	72.0	30	0.1	5/30	1.1	25	100	73	3.0		40	15	6.2	
9 OH05-200-74-628	5824	5061	5730	6674	5822	7	73.1	28	0.7	5/29	3.9	30	100	89	3.3		30	10	3.0	
10 OH05-248-38-444	5605	5387	4734	6325	5513	12	74.4	19	0.6	5/28	3.3	29	96	77	3.0		36	32	11.4	
11 Ny09067-2-69-1097	5539	4822	5622	6035	5504	13	73.9	23	0.6	5/29	0.3	11	96	84	1.7		51	21	10.9	
12 IL04-8445-440	6450	5335	6477	6237	6125	3	76.0	8	2.7	5/27	0.3	12	100	78	2.7		22	15	3.4	
13 Pioneer 25R25	5726	5641	5701	6758	5956	6	73.5	25	0.4	5/30	0.6	20	100	80	5.0		61	10	6.2	
14 LCS 0215	5351	5363	4553	5065	5083	27	73.7	24	3.4	5/25	0.6	21	100	81	5.0		25	11	2.7	
15 LCS 3334	6298	5610	6402	6679	6247	1	76.5	5	3.6	5/28	0.4	16	100	87	5.3		44	11	4.8	
16 VA11W-106	5677	5351	5224	6651	5726	8	74.8	15	0.7	5/29	0.7	23	100	75	6.0		35	11	3.9	
17 VA11W-108	5908	5536	6277	6306	6007	5	75.3	10	0.4	5/28	0.8	24	99	80	4.0		33	10	3.2	
18 KWS008	5572	5668	4281	6370	5473	15	74.2	20	2.8	5/27	0.0	1	100	88	4.0		34	11	3.6	
19 KWS009	5148	6331	5155	5789	5606	10	78.9	1	0.9	5/28	0.2	4	100	79	4.0		46	16	7.5	
20 Branson	5589	5207	5094	5751	5411	19	74.0	22	1.5	5/28	0.2	8	94	77	1.0		27	9	2.5	
21 KWS023	5415	5112	4687	6451	5416	18	76.1	6	2.3	5/29	0.2	5	88	87	4.7		52	27	14.1	
22 P0762A1-2-8	5679	4714	4602	5967	5240	23	72.9	29	0.8	5/28	1.7	27	88	76	2.0		49	9	4.6	
23 MO110799	4983	5275	3956	5588	4950	28	76.0	7	1.2	5/29	0.1	2	93	88	4.3		36	14	5.2	
24 KY03C-1237-12	5781	4299	6014	5858	5488	14	74.6	16	1.2	5/29	0.4	17	84	67	4.3		33	10	3.3	
25 OH07-264-35	5532	4983	4995	6193	5426	17	73.3	27	2.8	5/28	0.2	6	98	90	2.3		37	13	5.0	
26 NY03143-1218	5514	4216	5334	5468	5133	25	73.3	26	1.3	5/30	0.2	9	98	81	2.3		61	33	20.1	
27 OH12-297-15	5255	4566	3540	5375	4684	29	75.1	13	0.8	5/28	0.2	10	99	90	3.3		35	12	4.1	
28 NY05152-818	5061	4593	5044	6857	5389	20	75.6	9	0.8	5/29	1.3	26	98	92	2.0		62	12	7.4	
29 OH12-242-4	3613	3781	4123	3586	3776	30	74.4	18	0.6	5/27	0.2	7	96	82	2.3		13	19	2.5	
30 OH12-299-41	5047	4723	5276	5384	5107	26	78.5	2	0.6	5/28	0.1	3	96	82	2.0		20	10	2.0	
Mean	5510	5143	5135	6046	5458		74.9		1.3	5/28	0.7		97	81	3.3		41	15	6.2	
CV	8.4	7.4	15.2	8.4																

<b>Cumulative Summary</b>																								
Entry	Grain Yield						Test Wt(2Yr)	Lodg. 0-9	Height cm	Head Date	Preharv			Winter Surv. %	wssmv 0-9	wsbmv 0-9	FHB							
	5 Year		3 Year		2 Year						0-9	2 Yr	2 Yr				2 Yr	0-9	Rating	Rating	Incid. %	Sev. %	2 Yr	2 Yr
	kg/h	b/a	kg/h	b/a	kg/h	b/a																		
1 Otsego	5026	75	5082	76	5428	81	75.1	58.6	0.9	86	5/28	99	0.7	0.8	1.7	60	16	9.2						
2 Erie (OH02-12686)	5475	81	5652	84	5780	86	75.3	58.9	0.4	86	5/31	100	2.1	1.0	1.7	40	11	5.1						
3 Pioneer 25R46	6281	93	6281	93	6334	94	75.4	58.9	0.4	80	5/29	100	0.5	1.7	2.0	39	9	3.6						
4 Pioneer 25R40	5665	84	6315	94	6435	96	75.0	58.6	0.7	76	5/29	100	1.0	6.2	0.7	64	16	10.2						
5 MO081652	5441	81	5774	86	6057	90	77.5	60.6	1.0	90	5/27	100	0.5	2.2	3.3	22	9	2.1						
6 MO080104			5720	85	5839	87	77.1	60.2	1.3	84	5/28	100	0.5	2.5	3.3	22	10	3.2						
7 KY03C-1237-39					5707	85	74.8	58.5	0.9	79	5/28	94	0.8	2.7	0.7	51	14	7.1						
8 Pioneer 25R50					5924	88	73.1	57.1	0.1	77	5/30	100	0.9	3.2	NA	40	14	5.6						
9 OH05-200-74-628					6195	92	73.7	57.6	0.5	88	5/29	100	3.8	3.7	2.0	37	10	3.6						
10 OH05-248-38-444					6039	90	74.9	58.5	0.5	81	5/28	98	3.7	4.0	0.0	46	32	14.8						
11 Ny09067-2-69-1097					5746	85	75.0	58.6	0.4	85	5/29	98	0.6	1.8	0.7	41	18	7.7						
12 IL04-8445-440					6219	92	76.4	59.7	1.8	84	5/27	99	0.7	2.3	1.7	26	19	5.0						

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## 2015 Winter Malting Barley Regional Trial Summary – Cornell University

Entry	Row	Grain Yield (kg/h)										Wint Surv %	FHB Inc %	FHB Sev %	FHB Index (%)	PHS FHB Rank	PHS Score 0-9								
		Regional Locations								Test Weight								Lodg. cm	Height cm	Head Date					
		lth-Hel	lth-Ket	MontC	GenCc	Mean bu/ac	Rank	kg/hl	Rank																
1	Charles	2	2074	2891	1531	2713	2302	43	21	55.3	21	4.5	52	6/3	84	63	14	9	4	4.1					
2	Saturn*	6	3572	3621	3659	4628	3870	72	1	57.6	18	2.5	56	6/30	95	72	16	11	8	0.6					
3	10467p2	6	2449	3029	3664	3324	3116	58	5	61.0	6	2.2	57	6/28	93	77	18	14	15	1.5					
4	10467r2	6	2556	3075	3352	3182	3041	57	6	61.9	2	2.7	60	6/29	88	68	17	12	10	2.8					
5	10467r4	6	2290	2844	2139	2902	2544	47	19	59.3	16	2.8	55	6/29	83	82	22	18	21	4.1					
6	03/220/158	6	2267	2353	4034	2422	2769	51	13	59.5	15	3.5	55	6/4	92	98	33	33	22	0.3					
7	KWS Scala	2	2670	2516	3552	3198	2984	55	8	60.0	12	2.3	57	6/4	91	75	17	13	13	1.7					
8	SY Tepee (209-66)	2	2567	3133	3355	3077	3033	56	7	60.3	9	2.5	54	6/2	92	80	20	16	19	0.7					
9	SY Mezmar (209-72)	2	2056	2636	3067	3815	2894	54	10	60.1	11	2.0	59	6/10	80	78	14	11	9	1.4					
10	Endeavor	2	2973	3227	4073	3228	3375	63	3	62.6	1	2.7	62	7/1	87	73	13	10	5	5.8					
11	WintMalt	2	1891	1726	3126	3591	2583	48	18	59.2	17	1.7	56	6/6	85	85	18	15	17	1.5					
12	6Ab08-X03W012-5	6	2838	3019	4109	3767	3433	64	2	61.1	5	2.7	74	6/28	94	85	21	18	20	2.5					
13	02Ab431	2	2254	3048	2216	2946	2616	49	17	59.9	13	3.8	61	6/5	85	70	17	12	11	4.5					
14	02Ab671	2	2619	2697	2644	3147	2777	52	12	60.5	7	2.7	61	6/4	92	85	19	16	18	5.5					
15	2Ab08-X05W061-208	2	2620	2570	2872	3164	2807	52	11	54.3	22	3.5	52	6/12	91	57	11	6	1	3.3					
16	KWS Stella	2	2361	2224	3589	2601	2694	50	14	61.5	3	1.0	57	6/28	74	70	18	12	12	3.2					
17	2Ab08-X05W061-216	2	2444	2551	2245	2897	2534	47	20	56.7	20	4.8	57	6/5	86	68	19	13	14	3.5					
18	02Ab669	2	2190	2391	2869	3288	2685	50	15	59.8	14	3.0	65	6/6	80	85	18	15	16	6.3					
19	Nectararia	2	1973	2713	3675	2370	2683	50	16	60.5	8	1.5	54	6/30	83	63	14	9	3	3.7					
20	AC 07/041/33	2	2653	2765	3399	2983	2950	55	9	61.4	4	3.3	52	6/28	83	68	13	9	2	1.1					
21	AC 07/041/8 (Flavia)	2	2811	2564	4315	3113	3201	59	4	60.1	10	2.3	50	6/28	82	73	15	11	7	3.2					
22	AC 07/022/2	2	1265	2055	1801	2455	1894	35	22	57.3	19	3.2	56	6/2	40	67	15	10	6	0.9					
Mean			2427	2711	3149	3128	2854	53		59.5		2.8	57	6/16	85	75	17	13		2.8					
CV			10.2	10.4	12.8	15.2																			
* feed barley																									
<b>Cumulative Summary</b>																									
Entry	Row	Grain Yield										Lodg. cm	Height cm	Head Date	Wint Surv %	Kernel on Malt Barley				Beta					
		4 Year		3 Year		2 Year		Test Wt(2Yr)		0-9	2 Yr					2 Yr	2 Yr	Wt (mg)	6/64" (%)	Ext (%)	Protein (%)	DP ASBC	Glucan ppm	FAN ppm	Qual Score
		kg/h	b/a	kg/h	b/a	kg/h	b/a	kg/hl	lb/b																
1	Charles	2	2972	55	2496	46	2209	41	56.2	43.9	3.5	51	5/18	63	38.3	96.3	80.9	11.9	112	152	236	43			
2	Saturn*	6	4831	90	3886	72	3559	66	57.7	45.0	1.9	55	5/30	66	40.0	96.4	74.2	11.4	92.9	540	142	20			
3	10467p2	6	4271	79	3243	60	2992	56	60.1	47.0	1.6	53	5/28	69	36.3	95.4	77.9	12.7	100	324	185	29			
4	10467r2	6	4266	79	3217	60	2779	52	60.9	47.6	1.8	55	5/31	57	39.0	97.0	80.9	12.1	106	108	219	46			
5	10467r4	6	4071	76	3020	56	2438	45	54.7	42.7	2.2	53	5/30	53	38.3	97.7	80.2	11.5	96.5	92	200	45			
6	03/220/158	6	4010	75	2972	55	2737	51	58.5	45.7	2.5	53	5/21	66	39.1	96.3	78.3	12.1	132	259	157	31			
7	KWS Scala	2	3829	71	2885	54	2681	50	58.7	45.9	1.4	56	5/19	68	46.8	98.6	80.1	11.8	110	90	194	47			
8	Sy Tepee (SY209-66)	2	3904	73	3034	56	2748	51	59.6	46.6	1.6	52	5/19	62	48.3	98.2	80.4	12.4	168	42	198	62			
9	SY Mezmar(209-72)	2	3863	72	2985	55	2691	50	59.5	46.5	1.6	57	5/22	53	43.4	95.8	80.4	10.9	99.6	64	167	47			
10	Endeavor	2			3117	58	2945	55	62.3	48.6	2.2	63	6/2	62	37.3	90.8	79.2	11.7	110	394	183	35			
11	WintMalt	2			2287	43	2040	38	53.2	41.5	1.1	54	5/23	56	44.5	98.2	79.2	12.4	88.7	34	260	52			
12	6Ab08-X03W012-5	6					3511	65	60.9	47.6	2.2	71	5/29	74											
13	02Ab431	2					2205	41	54.5	42.6	2.8	58	5/19	51											
14	02Ab671	2					2402	45	54.2	42.4	2.1	58	5/22	59											
15	2Ab08-X05W061-208	2					2471	46	51.0	39.9	2.9	47	5/24	64											

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