

# Cornell University Cooperative Extension Northwest New York Dairy Livestock & Field Crops Team

## CROP ALERT

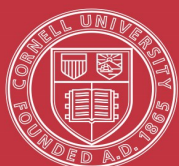
September 7, 2017

Mike Stanyard & Jodi Letham, Regional Agronomists, Cornell Cooperative Extension

Below are the results of the 2017 Cornell soft red & white winter wheat regional trials and the cumulative summaries over the years. Because the ranking of the of the varieties and lines often change from year to year, only the multiple year summaries should be considered to be useful indicators of varietal performance in this region.

2017 Red Winter Wheat  
Summaries  
Cornell University

Entry			Grain Yield (kg/h)					Test Weight		Lodg.	Head	Preharvest Sprouting		Surv. %	Height cm	WSSMV 0-9	FHB			Rank	
			Regional Locations					Rank	0-9			Date	0-9				Rank	Incid. %	Sev. %		Index
			Is-McGlo-Ket	Lv-Co	MacCo	Mean	Rank														
1	Otsego	N	N	6304	5367	5836	26	71.5	29	1.5	5/28	0.4	12	98	102	2.7	61	14	9	23	
2	Erie (OH02-12686)	O	O	7444	6361	6902	3	73.5	7	1.0	6/1	2.9	29	95	101	5.7	33	11	4	5	
3	Pioneer 25R40			7382	6936	7159	1	73.9	6	0.0	5/26	1.1	27	98	92	7.0	78	13	10	27	
4	IL04-8445-440	D	D	7612	6530	7071	2	74.1	5	1.5	5/25	0.4	13	97	100	5.0	28	14	4	8	
5	Pioneer 25R25	A	A	7377	5708	6542	9	72.5	19	0.0	5/28	0.5	14	94	92	6.0	39	9	4	7	
6	L11550 (VA11W-106)	T	T	5726	5858	5792	28	73.1	17	0.0	5/28	0.5	17	100	93	6.7	64	14	9	24	
7	Hilliard (VA11W-108)	A	A	6229	5983	6106	20	73.1	16	1.0	5/26	0.3	7	99	104	6.3	47	10	5	12	
8	Branson			6280	5717	5999	22	71.9	26	2.0	5/24	0.8	22	100	98	5.0	34	12	4	9	
9	KWS009			5973	4708	5340	30	74.7	2	1.5	5/27	0.3	6	99	103	3.7	71	18	13	28	
10	KWS052			7009	5271	6140	19	74.3	4	1.0	5/26	0.6	21	95	100	4.7	29	13	4	6	
11	OH07-263-3			6302	5498	5900	25	73.5	10	0.5	5/25	0.1	2	99	113	3.0	43	14	6	17	
12	MO121058			5953	5636	5794	27	72.4	20	2.5	5/28	0.5	15	98	102	2.0	48	11	5	13	
13	MI14R0329			6631	6259	6445	11	73.5	8	1.0	5/28	1.0	25	92	103	5.7	48	12	6	16	
14	OH13-157-65			6874	5729	6302	14	75.6	1	0.5	5/30	1.8	28	100	104	5.0	30	19	6	15	
15	OH13-159-34			5825	6052	5938	23	72.1	24	0.0	5/27	1.0	26	94	100	4.7	26	32	8	22	
16	OH13-312-55			6137	5739	5938	24	72.2	22	1.5	5/26	0.3	8	98	97	4.3	53	19	10	26	
17	NY05152-821R			6399	5669	6034	21	74.5	3	0.5	5/29	0.6	20	93	110	3.0	46	13	6	19	
18	Pioneer 25R61			7153	5898	6526	10	71.7	28	0.0	5/27	0.3	9	97	97	4.3	29	8	2	2	
19	VA11W-108PA			6476	5903	6189	17	73.5	9	0.0	5/26	0.5	16	99	103	4.0	53	8	4	11	
20	VA12W-31			5975	5606	5790	29	73.2	15	1.0	5/27	0.5	18	98	90	6.0	75	18	13	29	
21	SW550			6838	6303	6570	7	72.4	21	1.0	5/28	0.1	3	100	98	6.0	45	14	6	18	
22	SW63SR			7168	6331	6749	4	72.1	23	0.5	5/28	0.2	5	99	98	5.0	51	10	5	14	
23	L11418			6847	6268	6558	8	72.8	18	3.0	5/25	0.4	11	98	98	5.0	36	12	4	10	
24	L11610 (DH)			6920	5870	6395	13	73.2	13	1.0	5/26	0.1	1	97	95	6.3	60	14	8	21	
25	NY11013-10-72-1314			5861	6449	6155	18	73.2	12	1.0	6/2	0.4	10	98	111	6.3	21	9	2	1	
26	NY11013-10-15-1312			6747	6607	6677	5	73.2	14	1.0	5/30	0.2	4	90	110	6.0	22	14	3	3	
27	MI14R0686			6726	5773	6250	16	71.8	27	0.0	5/29	0.9	23	99	103	4.0	81	20	16	30	
28	OH12-169-48			6585	6580	6583	6	71.1	30	0.5	5/27	3.0	30	100	102	4.0	48	13	6	20	
29	OH13-118-29			6896	5923	6410	12	73.2	11	0.5	5/28	1.0	24	98	96	6.7	30	10	3	4	
30	NY03143-1218			6226	6299	6262	15	72.0	25	1.5	5/30	0.6	19	100	102	4.7	47	21	10	25	
Mean				6596	5961	6278		73.0		0.9	5/27	0.7		97	100	5	46	14	7		
CV				11.0	8.4																
Cumulative Summary																					
Entry				Grain Yield					Test Wt(2Yr)	Lodg.	Height 0-9	Head 2Yr	WinterSurv. 2Yr	Sprout 0-9	WSSMV Rating 2Yr	Incid. 2Yr	Sev. 2Yr	Index 2Yr			
				2 Year																	
				4 Year	3 Year	2 Year	2 Year	2 Year													
1	Otsego	5795	86	5841	87	6162	92	75.2	58.8	2.8	102	5/28	98	0.5	2.0	38	8	5			
2	Erie (OH02-12686)	6338	94	6417	95	6896	103	76.2	59.5	1.8	100	5/31	98	2.5	3.0	18	6	2			
3	Pioneer 25R40	6892	102	6962	104	7349	109	76.9	60.0	0.3	89	5/28	99	1.9	6.7	53	9	6			
4	IL04-8445-440	6628	99	6733	100	7038	105	77.7	60.7	2.3	97	5/27	98	0.9	6.0	20	8	2			
5	Pioneer 25R25			6669	99	7026	104	75.3	58.8	1.3	91	5/30	96	1.1	5.7	21	5	2			
6	L11550 (VA11W-106)			6276	93	6551	97	76.3	59.6	2.0	91	5/29	100	1.6	7.7	47	10	6			
7	Hilliard (VA11W-108)			6523	97	6781	101	76.3	59.6	1.3	97	5/27	98	1.9	5.3	33	6	3			
8	Branson			6191	92	6581	98	75.2	58.7	2.3	95	5/26	100	1.5	4.5	32	8	3			
9	KWS009			5929	88	6091	91	78.1	61.0	2.0	97	5/28	98	0.7	3.7	41	10	13			
10	KWS052					6467	96	77.0	60.2	3.5	98	5/28	98	1.2	3.5	21	7	2			
11	OH07-263-3					6367	95	76.8	60.0	2.0	112	5/27	100	0.5	2.0	28	8	3			
12	MO121058					6358	95	76.3	59.6	4.0	97	5/29	96	1.2	2.3	34	7	3			
13	MI14R0329					6646	99	77.0	60.2	2.0	101	5/29	96	1.2	4.7	27	6	3			
14	OH13-157-65					6581	98	77.7	60.7	0.8	101	5/30	100	2.7	5.8	19	10	3			
15	OH13-159-34					6479	96	75.8	59.2	1.0	101	5/28	97	2.3	3.3	22	18	4			
16	OH13-312-55					6494	97	75.5	59.0	2.3	96	5/28	99	1.0	2.5	34	11	5			
17	NY05152-821R					6231	93	77.4	60.5	1.3	106	5/30	95	1.0	1.8	25	7	3			
M.E. Sorrells, D. Benscher, Tanaka, Amy Fox, Jesse Chavez - Department of Plant Breeding & Genetics, Cornell University																					



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2017 Soft White Winter  
Summaries  
Cornell University

Entry	Grain Yield (kg/h)						Test Weight kg/hl	Rank	Lodging Score	Head Date	Winter Surv	Height cm	Preharvest		FHB Incld.	FHB Sev. %	FHB Index		
	Regional Locations												WSSM	WSSM					
	h-Mc	th-Ke	OnTc	CoMon	Cc	Mean	Rank						0-9	0-9				0-9	0-9
1 Houser	5473	4636	4421	6597	5282	29	69.5	30	1.7	5/30	99	113	4.6	21	6.3	na	na	na	na
2 Caledonia	7076	4919	5191	6437	5906	12	70.3	27	0.3	5/29	99	93	5.5	26	5.7	59	21	12.2	22
3 Cayuga	5200	5070	5148	5817	5309	28	75.4	1	1.5	6/1	97	123	2.3	3	6.3	na	na	na	na
4 Medina	6138	5642	5892	6428	6025	9	72.8	7	0.7	5/31	99	114	3.5	9	7.0	13	13	1.7	3
5 Hopkins	6669	5505	5897	6870	6235	4	71.3	20	0.3	5/29	99	101	5.5	24	5.3	na	na	na	na
6 Otsego	5083	4741	5502	5664	5247	30	70.8	23	1.2	5/28	98	103	0.8	1	2.7	61	14	8.8	17
7 NY99056-161	6220	5241	6221	6152	5959	11	73.6	4	1.0	5/31	98	103	4.2	18	5.7	8	5	0.4	1
8 NY99069-249	5279	5788	6202	6067	5834	16	71.6	17	0.3	5/28	97	98	4.9	23	4.0	37	21	7.8	15
9 NY07078-876	5870	5165	6103	6211	5837	15	72.1	12	1.0	5/30	97	107	4.0	15	5.3	24	12	2.8	6
10 NY94052-6090B-107	5468	5525	5979	6508	5870	13	72.4	10	0.5	6/2	100	106	3.3	7	7.0	15	29	4.4	9
11 F1027	6744	4693	5807	5847	5773	18	72.8	6	0.0	5/28	97	93	4.1	17	5.3	70	18	12.5	23
12 NY02008-807	6182	5228	5692	6085	5797	17	73.7	3	0.8	5/19	93	111	3.1	6	6.0	22	9	2.0	4
13 NY09095-16-928	5414	4866	5892	5384	5389	26	73.8	2	1.2	5/27	98	101	2.4	4	6.3	21	7	1.4	2
14 NY09125-16-1034	5417	4988	5258	5882	5386	27	69.6	29	1.7	5/27	99	99	2.0	2	5.3	39	14	5.3	11
15 Caledonia Reselect-L-W	6723	4620	5769	5835	5737	20	71.9	14	1.7	5/27	97	106	3.9	14	4.3	49	17	8.5	16
16 NY10127-10-62-1308	6237	5410	6047	6485	6045	7	72.9	5	0.0	6/1	96	103	3.0	5	5.7	24	21	5.0	10
17 Target	6707	6015	6560	6721	6501	1	71.5	18	0.0	5/30	99	103	7.1	30	4.3	65	18	12.0	21
18 MSU Line F1029	6403	4813	5302	5906	5606	24	70.5	26	1.0	5/27	99	102	6.0	27	3.0	48	11	5.5	12
19 NY01003-1184	6435	4865	6083	6049	5858	14	72.6	9	1.2	5/31	100	108	3.8	13	2.7	40	29	11.8	20
20 MI14W0253	5927	4597	5596	5790	5478	25	70.8	24	1.7	5/28	95	103	6.5	29	5.3	63	23	14.7	25
21 MI14W0007	7561	5284	6576	6204	6406	2	72.0	13	1.8	5/27	99	107	4.2	19	6.0	63	31	19.3	27
22 MI14W0167	5874	4194	5778	6645	5623	23	71.0	21	0.7	5/29	96	92	6.2	28	5.3	46	20	9.0	18
23 MSU Line E8052	6891	4596	5635	5734	5714	21	69.7	28	0.0	5/28	99	95	4.8	22	7.0	62	11	6.6	13
24 NY10127-10-04-1305	6038	5480	6086	6438	6011	10	72.4	11	0.3	5/29	98	99	3.8	12	5.7	46	15	6.9	14
25 NY01003-1186	6251	4831	5788	6148	5754	19	71.9	15	2.0	5/28	99	100	3.5	10	5.0	73	25	18.0	26
26 NY11025-07-08-1365	6810	5153	6656	6327	6236	3	70.7	25	0.3	5/28	95	93	3.5	11	6.3	47	25	11.6	19
27 NY02007-1206	7138	5439	5422	6629	6157	5	72.7	8	0.0	5/31	100	106	3.4	8	7.0	19	12	2.3	5
28 NY11014-9-25-1319	6862	5509	5603	6579	6138	6	71.8	16	0.7	5/30	99	104	4.1	16	5.0	24	15	3.6	8
29 NY11025-02-04-1365	5575	5466	5834	5765	5660	22	71.4	19	0.0	5/30	98	99	4.4	20	4.7	30	11	3.4	7
30 NY11025-07-17-1371	7181	5288	5648	6040	6039	8	70.9	22	0.7	5/28	96	95	5.5	25	7.3	53	26	13.8	24
Mean	6228	5119	5786	6175	5827		71.8		0.8	5/25	98	102	4.1		5.4	42	18	7.8	
CV	8.8	10.0	10.8	6.3															
Cumulative Summary																			
Entry	Grain Yield						Test Weight		Lodging		Head		Winter		Preharvest		FHB	FHB	FHB
	Regional Locations																		
	5 Year	4 Year	2 Year	4 Yr	2 Yr	4 Yr	lb/b	2 Yr	lb/b	4 Yr	2 Yr	2 Yr	3 Yr	3 Yr	3 Yr	3 Yr	2 Yr	2 Yr	2 Yr
1 Houser	5057	75	5216	78	5196	77	72.2	###	73.5	57.9	3.0	2.8	5/30	na	na	na	4.5	4.5	115
2 Caledonia	5438	81	5698	85	6035	90	71.7	###	74.8	58.9	0.3	0.2	5/30	40	13	6.6	5.0	3.5	92
3 Cayuga	4925	73	5179	77	5342	79	76.2	###	78.6	61.9	4.2	4.5	6/1	na	na	na	2.2	3.5	123
4 Medina	5488	82	5758	86	6031	90	73.9	###	76.2	60.0	0.7	0.3	5/31	8	7	0.9	3.2	4.2	110
5 Hopkins	5627	84	5962	89	6026	90	72.3	###	75.2	59.2	0.8	0.7	5/30	na	na	na	4.5	3.8	100
6 Otsego	5255	78	5444	81	5175	77	73.5	###	74.7	58.8	2.5	2.1	5/29	38	8	4.6	0.5	1.8	103
7 NY99056-161	5670	84	5957	89	6105	91	73.3	###	76.1	59.9	1.3	0.8	5/31	6	3	0.2	3.9	3.2	100
8 NY99069-249	5645	84	5861	87	5938	88	72.7	###	75.7	59.6	1.5	0.2	5/29	33	14	5.2	4.1	2.3	97
9 NY07078-876			5801	86	6001	89	73.0	###	75.2	59.2	0.9	0.5	5/30	14	6	1.4	3.7	3.7	103
10 NY94052-6090B-1074			5866	87	6094	91	73.2	###	75.5	59.5	0.8	0.3	6/1	10	15	2.2	3.5	4.3	104
11 F1027					6028	90			76.9	60.6		0.0	5/30	40	9	6.3	3.8	3.5	92
12 NY02008-807					5827	87			76.5	60.2		0.4	5/26	13	5	1.0	3.2	3.8	109
13 NY09095-16-928					5369	80			76.6	60.3		3.1	5/29	13	4	0.7	2.7	4.5	99
14 NY09125-16-1034					5436	81			73.6	58.0		4.3	5/29	21	7	2.7	2.0	4.5	98
15 Caledonia Reselect-L-W					5843	87			75.6	59.6		1.8	5/29	27	9	4.3	3.9	2.7	106
16 NY10127-10-62-1308					5908	88			75.7	59.6		0.0	6/1	16	11	2.6	2.5	3.2	100

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