



2020 USTN Public Report* E01-95 Organic											ALL LOCATIONS (3) NY_Aurora, NY_Penn Yan, VT_Alburgh				
Test	USTN#	Breeder	Experimental	Hybrid	Seed trt	CRMt	Traits	Native traits	Stature	In Top Tier?***	Yield % of				
											Mean	Yield	Y/M	Moisture	
E01-95	8004	AL	No	Viking O.84-95UP	1r + SabrEx	95	None		Short	TOP	108	128	6.8	18.6	
E01-95	8018	BRH	No	38G54	None	96	None		Average	TOP	108	128	6.8	18.6	
E01-95	9011	CHK-ORG (AL)	No	Viking O.84-95UP	1r + SabrEx	95	NONE		Short	TOP	106	126	6.6	18.7	
E01-95	8005	AL	No	Viking O.45-97UP	1r + SabrEx	97	None		Average	TOP	105	125	6.7	18.2	
E01-95	8021	BRH	No	51T59	None	103	None	Ht	Average	TOP	104	125	6.5	19.1	
E01-95	8020	BRH	No	48G35	None	102	None		Average	TOP	104	124	6.5	19.1	
E01-95	8001	AL	No	Viking O.45-88P	1r + SabrEx	88	None		Tall	TOP	101	120	6.5	18.4	
E01-95	8003	AL	No	Viking O.31-91	1r + SabrEx	91	None		Tall	TOP	101	120	6.5	18.2	
E01-95	8203	AL	No	Viking O.52-96UP	None	95	None		Average		99	118	6.4	18.4	
E01-95	8036	Cornell	Yes	EX0100	None	Unknown	None		Unknown		97	116	6.4	18.1	
E01-95	8002	AL	No	Viking O.98-91UP	1r + SabrEx	91	None		Average		97	116	6.4	18.0	
E01-95	8017	BRH	No	30K84	None	90	None	Ht	Average		97	116	6.3	18.7	
E01-95	8006	AL	No	Viking O.98-98P	1r + SabrEx	98	None		Average		97	115	6.3	18.2	
E01-95	8037	Cornell	Yes	EXKM0102	None		None		Unknown		96	114	6.3	18.0	
E01-95	8019	BRH	No	42C87	None	98	None		Average		93	111	6.1	18.3	
E01-95	8035	Cornell	Yes	EXKM0101	None		None		Unknown		91	108	6.0	18.1	
E01-95		Isd05	SUMMARY STATISTICS**												
E01-95		Isd25													
E01-95		locs													
E01-95		mean													
E01-95		StdBlup													
E01-95		StdGxe													
E01-95		StdErr													
E01-95		StdErrBlup													
E01-95		cv													
E01-95		r2_plot													
E01-95		r2_blup													

*THIS REPORTS SHOWS ONLY THE PUBLIC ENTRIES IN A COMBINED ANALYSIS OF ALL LOCATIONS IN THE TEST.

**SUMMARY STATISTICS ARE BASED ON ALL ENTRIES IN TEST, PUBLIC & NON-PUBLIC ENTRIES.

***In Top Tier?: "TOP" means it is in top tier of entries in test for ALL LOCATIONS calculated at alpha level of p<=0.25 from #1 ranked entry yield



2020 USTN Public Report* E01-95 Organic										NY_Aurora					
Test	USTN#	Breeder	Experimental	Hybrid	Seed trt	CRMt	Traits	Native traits	Stature	Yield % of				Stalk Lodging %	
										Mean	Yield	Y/M	Moisture		
E01-95	8004	AL	No	Viking O.84-95UP	1r + SabrEx	95	None		Short	111	136	7.6	17.7	1	
E01-95	8018	BRH	No	38G54	None	96	None		Average	112	136	7.7	17.7	0	
E01-95	9011	CHK-ORG (AL)	No	Viking O.84-95UP	1r + SabrEx	95	NONE		Short	108	132	7.4	17.9	1	
E01-95	8005	AL	No	Viking O.45-97UP	1r + SabrEx	97	None		Average	109	133	7.5	17.6	1	
E01-95	8021	BRH	No	51T59	None	103	None	Ht	Average	103	126	6.9	17.9	0	
E01-95	8020	BRH	No	48G35	None	102	None		Average	109	133	7.3	17.9	1	
E01-95	8001	AL	No	Viking O.45-88P	1r + SabrEx	88	None		Tall	95	117	6.6	17.6	2	
E01-95	8003	AL	No	Viking O.31-91	1r + SabrEx	91	None		Tall	106	129	7.5	17.6	1	
E01-95	8203	AL	No	Viking O.52-96UP	None	95	None		Average	100	122	7.0	17.7	0	
E01-95	8036	Cornell	Yes	EX0100	None	Unknown	None		Unknown	93	114	6.4	17.5	4	
E01-95	8002	AL	No	Viking O.98-91UP	1r + SabrEx	91	None		Average	99	121	7.0	17.5	2	
E01-95	8017	BRH	No	30K84	None	90	None	Ht	Average	100	122	6.9	17.8	3	
E01-95	8006	AL	No	Viking O.98-98P	1r + SabrEx	98	None		Average	93	114	6.5	17.5	1	
E01-95	8037	Cornell	Yes	EXKM0102	None		None		Unknown	93	114	6.6	17.5	1	
E01-95	8019	BRH	No	42C87	None	98	None		Average	91	111	6.2	17.7	0	
E01-95	8035	Cornell	Yes	EXKM0101	None		None		Unknown	83	101	5.8	17.5	0	
E01-95		Isd05	SUMMARY STATISTICS**									24	1.0	0.4	
E01-95		Isd25										12	0.6	0.2	
E01-95		locs													
E01-95		mean										122	6.9	17.7	
E01-95		StdBlup										12	0.7	0.3	
E01-95		StdGxe													
E01-95		StdErr										17	1.0	0.6	
E01-95		StdErrBlup										7	0.4	0.1	
E01-95		cv										14	14.1	3.1	
E01-95		r2_plot										35	32.4	21.6	
E01-95		r2_blup										76	77.5	80.4	

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2020 USTN Public Report* E01-95 Organic										NY_Penn Yan					
Test	USTN#	Breeder	Experimental	Hybrid	Seed trt	CRMt	Traits	Native traits	Stature	Yield % of Mean	Yield	Y/M	Moisture	Stalk Lodging %	Root Lodging %
E01-95	8004	AL	No	Viking O.84-95UP	1r + SabrEx	95	None		Short	117	109	6.2	17.3	1	0
E01-95	8018	BRH	No	38G54	None	96	None		Average	119	110	6.3	17.4	1	0
E01-95	9011	CHK-ORG (AL)	No	Viking O.84-95UP	1r + SabrEx	95	NONE		Short	115	107	5.9	18.1	0	0
E01-95	8005	AL	No	Viking O.45-97UP	1r + SabrEx	97	None		Average	111	103	6.0	17.0	3	0
E01-95	8021	BRH	No	51T59	None	103	None	Ht	Average	106	98	5.4	18.5	1	0
E01-95	8020	BRH	No	48G35	None	102	None		Average	112	104	5.8	18.3	3	0
E01-95	8001	AL	No	Viking O.45-88P	1r + SabrEx	88	None		Tall	95	88	5.0	16.9	0	0
E01-95	8003	AL	No	Viking O.31-91	1r + SabrEx	91	None		Tall	109	101	6.0	16.9	1	0
E01-95	8203	AL	No	Viking O.52-96UP	None	95	None		Average	102	95	5.4	17.4	0	0
E01-95	8036	Cornell	Yes	EX0100	None	Unknown	None		Unknown	89	82	4.8	16.6	15	0
E01-95	8002	AL	No	Viking O.98-91UP	1r + SabrEx	91	None		Average	97	90	5.5	16.3	1	0
E01-95	8017	BRH	No	30K84	None	90	None	Ht	Average	99	92	5.3	17.3	3	0
E01-95	8006	AL	No	Viking O.98-98P	1r + SabrEx	98	None		Average	89	83	4.9	16.7	0	0
E01-95	8037	Cornell	Yes	EXKM0102	None		None		Unknown	89	83	5.0	16.5	4	0
E01-95	8019	BRH	No	42C87	None	98	None		Average	84	78	4.5	17.1	2	0
E01-95	8035	Cornell	Yes	EXKM0101	None		None		Unknown	74	68	4.1	16.4	3	0
E01-95		Isd05	SUMMARY STATISTICS**												
E01-95		Isd25													
E01-95		locs													
E01-95		mean													
E01-95		StdBlup													
E01-95		StdGxe													
E01-95		StdErr													
E01-95		StdErrBlup													
E01-95		cv													
E01-95		r2_plot													
E01-95		r2_blup													

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2020 USTN Public Report* E01-95 Organic										VT_Alburgh					
Test	USTN#	Breeder	Experimental	Hybrid	Seed trt	CRMt	Traits	Native traits	Stature	Yield % of				Stalk Lodging %	
										Mean	Yield	Y/M	Moisture		
E01-95	8004	AL	No	Viking O.84-95UP	1r + SabrEx	95	None		Short	100	144	6.9	20.4	0	
E01-95	8018	BRH	No	38G54	None	96	None		Average	101	144	6.9	20.5	1	
E01-95	9011	CHK-ORG (AL)	No	Viking O.84-95UP	1r + SabrEx	95	NONE		Short	101	145	6.9	20.8	1	
E01-95	8005	AL	No	Viking O.45-97UP	1r + SabrEx	97	None		Average	100	143	6.9	20.3	1	
E01-95	8021	BRH	No	51T59	None	103	None	Ht	Average	101	144	7.1	21.0	0	
E01-95	8020	BRH	No	48G35	None	102	None		Average	99	142	7.0	20.9	0	
E01-95	8001	AL	No	Viking O.45-88P	1r + SabrEx	88	None		Tall	101	145	7.1	20.2	1	
E01-95	8003	AL	No	Viking O.31-91	1r + SabrEx	91	None		Tall	100	142	6.9	20.3	2	
E01-95	8203	AL	No	Viking O.52-96UP	None	95	None		Average	100	143	7.0	20.4	1	
E01-95	8036	Cornell	Yes	EX0100	None	Unknown	None		Unknown	100	143	7.2	20.0	9	
E01-95	8002	AL	No	Viking O.98-91UP	1r + SabrEx	91	None		Average	99	141	7.0	20.1	1	
E01-95	8017	BRH	No	30K84	None	90	None	Ht	Average	99	141	7.1	20.2	1	
E01-95	8006	AL	No	Viking O.98-98P	1r + SabrEx	98	None		Average	100	143	7.2	20.2	0	
E01-95	8037	Cornell	Yes	EXKM0102	None	None	None		Unknown	100	143	7.1	20.3	0	
E01-95	8019	BRH	No	42C87	None	98	None		Average	99	142	7.2	20.2	2	
E01-95	8035	Cornell	Yes	EXKM0101	None	None	None		Unknown	100	143	7.4	20.0	0	
E01-95		Isd05	SUMMARY STATISTICS**									61	0.3	1.0	
E01-95		Isd25										12	0.2	0.6	
E01-95		locs													
E01-95		mean										143	7.1	20.5	
E01-95		StdBlup										4	0.2	0.6	
E01-95		StdGxe													
E01-95		StdErr										22	1.2	1.3	
E01-95		StdErrBlup										3	0.1	0.3	
E01-95		cv										16	16.9	6.2	
E01-95		r2_plot										2	2.1	18.7	
E01-95		r2_blup										52	77.5	75.4	

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