



2018 USTN PUBLIC REPORT ¹ EC1-95E CONVENTIONAL TEST									3 LOCATIONS - 2018 NY-ALBION, NY-MADRID, NY-NEW HOPE			
Test	USTN#	Tester	Hybrid	Seed trt	CRMt	Traits	Native traits	Stature	Yield % of			
									Mean	Yield	Y/M	Moisture
EC1-95E	4075	MC	MCX18318	Cruiser 250	90	none	none	average	118	218	10.9	19.3
EC1-95E	4086	MC	MC4050	Cruiser 250	90	none	none	average	115	213	11.6	18.3
EC1-95E	4071	MC	MCX18402	Cruiser 250	92	none	none	average	115	212	10.5	19.8
Summary Statistics²			mean						184	10.1	18.5	
			lsd05						24.8	1.1	1.1	
			lsd25						14.4	0.7	0.6	
			# locations						3	3	3	
			CV						9.0	9.8	3.6	
			R²						87.2	83.0	79.0	

¹THIS REPORTS SHOWS ONLY THE PUBLIC ENTRIES IN A COMBINED ANALYSIS OF ALL LOCATIONS IN THE TEST.

²SUMMARY STATISTICS ARE BASED ON ALL ENTRIES IN TEST, PUBLIC & NON-PUBLIC ENTRIES.



2018 USTN PUBLIC REPORT ¹ EC1-95W CONVENTIONAL TEST									5 LOCATIONS - 2018 MN-PIPESTONE, MN-SANBORN, MN-SLEEPY EYE MN-STEWARTVILLE, MN-WELLS				
Test	USTN#	Tester	Hybrid	Seed trt	CRMt	Traits	Native traits	Stature	Yield % of				Test
									Mean	Yield	Y/M	Moisture	Weight
EC1-95W	4065	MAS	MGM392367	none	95	none		average	102	205	11.6	18.4	51.6
EC1-95W	4007	AL	ALCHK	Maxim	96	none		average	102	204	12	17.4	54.7
EC1-95W	5004	Becks	Beck 4636V2P	Poncho/Votivo	96	VT2ProRIB		average	101	203	11.3	18.8	54.8
EC1-95W	4008	AL	ALSH 46-96	Maxim	96	none		average	101	203	11.6	18	54.1
EC1-95W	4064	MAS	MGM392314	none	92	none		average	101	202	11.5	17.7	51.6
EC1-95W	4063	MAS	MGM344998	none	92	none		average	100	202	12.1	16.6	53.2
EC1-95W	4006	AL	EXP01	Maxim	98	none		average	100	201	11.3	18.1	53.5
EC1-95W	4010	AL	EXP03	Maxim	92	none		average	99	200	11.2	18.3	55.9
EC1-95W	4009	AL	EXP02	Maxim	94	none		average	99	199	11.2	18.2	55.3
Summary Statistics²			mean						201	11.4	18	53.7	
			lsd05						14.9	0.9	1	1.6	
			lsd25						7.1	0.5	0.6	0.9	
			# locations						5	5	5	5	
			CV						8.0	9.3	2.3	2.1	
			R²						61.8	74	81.6	89.3	

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2018 USTN PUBLIC REPORT ¹ EC3-105E CONVENTIONAL TEST									4 LOCATIONS - 2018 IN-VALPARAISO, OH-APPLE CREEK, OH-HOYTVILLE, PA-ROCK SPRINGS				
Test	USTN#	Tester	Hybrid	Seed trt	CRMt	Traits	Native traits	Stature	Yield % of				Test
									Mean	Yield	Y/M	Moisture	Weight
EC3-105E	5008	Becks	Beck 5829A4	Poncho/Votivo	108	GTCBLLRWBL	none	average	123	213	12.2	17.4	58.0
EC3-105E	4093	MC	MC4572	Cruiser 250	95	GTCBLL	none	average	111	192	11.5	16.8	60.3
EC3-105E	4094	MC	MC5790	Cruiser 250	107	none	none	average	109	189	10.3	18.3	57.5
EC3-105E	4038	Cornell	EXKM8101	none		none	none		48	82	4.2	19.2	58.8
			mean						173	10.1	17.2	58.5	
			lsd05						41.0	2.5	1.5	1.4	
			lsd25						23.1	1.4	0.9	0.8	
			# locations						4	4	4	4	
			CV						8.4	9.0	2.8	0.8	
			R²						87.2	88.0	81.8	80.3	

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2018 USTN PUBLIC REPORT ¹ EC3-105EW CONVENTIONAL TEST										4 LOCATIONS - 2018 IA-BODE, IA-GRAFTON, WI-ARLINGTON, WI-MADISON				
Test	USTN#	Tester	Hybrid	Seed trt	CRMt	Traits	Native traits	Stature	Yield % of				Test	
									Mean	Yield	Y/M	Moisture	Weight	
EC3-105EW	4107	MC	MC5790	Cruiser 250	107	none	none	average	110	217	9.8	23.1	55.6	
EC3-105EW	4102	MC	MCX18541	Cruiser 250	101	none	none	average	110	217	12.3	18.0	56.5	
EC3-105EW	4106	MC	MC4572	Cruiser 250	95	none	none	average	109	215	12.4	17.5	58.7	
EC3-105EW	4066	MAS	DM4035	none	100	none	none	average	109	215	11.6	18.9	57.6	
EC3-105EW	5006	Becks	Beck 5829A4	Poncho/Votivo	108	GTCBLLRWBL	none	average	107	211	10.6	20.2	56.5	
EC3-105EW	4069	MAS	MGM303983	none	98	none	none	average	104	205	11.6	17.8	57.5	
EC3-105EW	4068	MAS	MGM341988	none	98	none	none	average	101	199	10.8	18.7	57.7	
EC3-105EW	4067	MAS	MGM312220	none	100	none	none	average	96	189	10.7	17.8	56.6	
Summary Statistics²			mean						198	10.7	18.9	57.0		
			lsd05						25.3	1.7	2.1	1.5		
			lsd25						14.7	1.0	1.2	0.8		
			# locations						4	4	4	4		
			CV						11.6	12.6	8.5	2.8		
			R²						78.0	76.1	83.0	81.7		

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2018 USTN PUBLIC REPORT ¹ EC4-110E CONVENTIONAL TEST									5 LOCATIONS - 2018 IL-ASHKUM, IL-GENESE0, IL-TONICA , IN-REMINGTON, IN-WEST LAFAYETTE				
Test	USTN#	Tester	Hybrid	Seed trt	CRMt	Traits	Native traits	Stature	Yield % of				Test
									Mean	Yield	Y/M	Moisture	Weight
EC4-110E	5010	Becks	Beck 6127A3	Poncho/Votivo	111	GTCBLLRWBL		tall	117	232	13.3	17.5	59.4
EC4-110E	4122	MC	MC6153	Cruiser 250	111	GTCBLLRW	none	tall	116	230	13.2	17.5	55.9
Summary Statistics ²			mean							198	11.8	17.0	58.3
			lsd05							24.1	1.5	1.0	1.2
			lsd25							14.0	0.9	0.6	0.7
			# locations							5	5	5	4
			CV							11.5	12.3	5.1	0.7
			R ²							83.1	86.1	90.1	93.0

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2018 USTN PUBLIC REPORT ¹ EC4-110W CONVENTIONAL TEST									5 LOCATIONS - 2018 IA-AMES, IA-ATLANTIC, IA-LUTHER IA-REINBECK, IA-SLATER				
Test	USTN#	Tester	Hybrid	Seed trt	CRMt	Traits	Native traits	Stature	Yield % of				Test
									Mean	Yield	Y/M	Moisture	Weight
EC4-110W	4135	MC	MC6153	Cruiser 250	111	GTCBLLRW	none	tall	117	228	11.5	19.7	56.5
EC4-110W	4126	MC	MCC170110	Cruiser 250	110	none	none	average	109	212	11.0	19.2	57.2
EC4-110W	4134	MC	MC5250	Cruiser 250	102	none	none	average	107	208	11.9	17.5	57.2
Summary Statistics²			mean							195	10.6	18.6	57.0
			lsd05							22.0	1.5	1.5	1.1
			lsd25							12.6	0.9	0.9	0.6
			# locations							5	5	5	4
			CV							12.7	13.3	5.7	4.3
			R²							84.5	80.6	84.8	62.2

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2018 USTN PUBLIC REPORT ¹ EC4-112E CONVENTIONAL TEST									5 LOCATIONS - 2018 IL-CHAMPAIGN, IL-DAWSON, IL-JACKSONVILLE IL-MT PULASKI, IN-CRAWFORDSVILLE				
Test	USTN#	Tester	Hybrid	Seed trt	CRMt	Traits	Native traits	Stature	Yield % of				Test
									Mean	Yield	Y/M	Moisture	Weight
EC4-112E	4152	MC	MC6754	Cruiser 250	117	GTCBLLRW	none	tall	119	242	13.7	17.8	56.9
EC4-112E	4150	MC	MC6153	Cruiser 250	111	GTCBLLRW	none	tall	116	234	14.0	16.6	57.1
EC4-112E	4143	MC	MCX18896	Cruiser 250	113	none	none	average	113	230	14.8	15.5	58.0
EC4-112E	5012	Becks	Beck 6127A3	Poncho/Votivo	111	GTCBLLRWBL		tall	112	227	14.2	16.1	57.9
Summary Statistics²			mean						203	12.4	16.5	57.7	
			lsd05						24.2	1.6	0.9	0.5	
			lsd25						14.1	0.9	0.5	0.3	
			# locations						5	5	5	5	
			CV						10.5	11.4	3.7	2.0	
			R²						89.2	90.2	94.2	93.9	

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2018 USTN PUBLIC REPORT ¹ EC5-115E CONVENTIONAL TEST										4 LOCATIONS - 2018 IN-FARMERSBURG, IN-GREENSBURG, IN-SEYMOUR, IN-WORTHINGTON				
Test	USTN#	Tester	Hybrid	Seed trt	CRMt	Traits	Native traits	Stature	Yield % of				Test	
									Mean	Yield	Y/M	Moisture	Weight	
EC5-115E	4161	MC	MCX18912	Cruiser 250	117	none	none	tall	118	204	10.3	20.8	60.3	
EC5-115E	4172	MC	MC6363	Cruiser 250	113	GTCBLLRW	none	tall	113	195	10.5	19.2	60.2	
EC5-115E	4153	MC	MCX18912	Cruiser 250	117	GTCBLLRW	none	tall	112	193	9.6	20.9	60.6	
Summary Statistics²			mean							173	9.1	19.7	61.1	
			lsd05							36.8	1.9	1.3	1.3	
			lsd25							21.3	1.1	0.7	0.8	
			# locations							4	4	4	3	
			CV							23.4	23.1	3.4	1.3	
			R²							70.7	73.2	85.9	88.8	

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