

TABLE 6E. INGHAM, MONTCALM & SAGINAW COUNTY CONVENTIONAL GRAIN TRIALS - EARLY (101 Day and Earlier) ZONE 2 - 3

2016				Early - TRIAL AVERAGE					Ingham - Early					Montcalm - Early					Saginaw - Early				
BRAND / HYBRID	RM	TRT	TRAIT	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd
BLUE RIVER 33A16	92	MXL	Conv.	18.3	193.4	55.7	3.4	98	19.0	192.2	56.7	0.0	100	20.7	178.2	53.2	10.1	98	15.1	209.7	57.2	0.0	95
BLUE RIVER 37K90	95	MXL	Conv.	19.5	195.2	53.4	1.0	99	19.9	191.3	53.8	0.0	99	22.4	176.5	51.2	3.1	100	16.3	217.9	55.2	0.0	98
BLUE RIVER 43T35	98	MXL	Conv.	18.6	202.7	53.0	0.8	98	19.3	208.1 *	53.4	0.0	100	21.7	185.5	50.4	1.7	100	14.8	214.4	55.1	0.7	93
BLUE RIVER 48G35	101	MXL	Conv.	20.0	210.2	52.4	1.4	98	21.5	213.1 *	52.3	0.0	100	23.4	180.8	50.4	4.3	99	15.0	236.8 *	54.6	0.0	96
FOUNDATION DIRECT ORG 8801	90	MXL	Conv.	17.2	188.7	57.3	0.5	97	17.7	191.4	58.0	0.0	100	19.3	167.6	54.6	1.5	97	14.5	207.0	59.1	0.0	94
FOUNDATION DIRECT 8789	95	MXL	Conv.	16.5	198.2	57.3	0.4	94	17.4	204.7	58.0	0.0	97	17.9	187.5	55.4	1.2	95	14.1	202.3	58.4	0.0	90
FOUNDATION DIRECT ORG 8700	97	MXL	Conv.	18.0	198.0	53.8	0.1	88	19.7	182.6	55.0	0.0	89	20.0	191.7	51.9	0.3	90	14.4	219.9	54.6	0.0	87
FOUNDATION DIRECT 8762	97	MXL	Conv.	17.7	200.2	55.1	2.0	100	17.8	196.6	55.3	0.0	100	20.1	174.4	53.4	5.9	100	15.2	229.4 *	56.7	0.0	100
GREAT LAKES 4452	94	P500	Conv.	16.8	211.7	54.5	0.4	97	17.9	203.1	54.9	0.0	100	18.4	214.1 **	52.4	1.2	99	14.1	217.9	56.2	0.0	93
GREAT LAKES 4699	96	P500	Conv.	17.1	221.6 *	55.0	0.4	99	17.8	212.7 *	55.6	0.0	100	19.5	212.3 *	52.4	1.2	99	14.2	239.9 **	56.9	0.0	99
GREAT LAKES 4879	98	P500	Conv.	17.9	222.7 **	54.3	0.1	99	19.4	219.3 *	55.2	0.0	100	19.4	209.1 *	51.6	0.0	100	15.0	239.6 *	56.2	0.3	96
KEY 401	101	ENC	Conv.	18.5	201.8	54.5	0.5	99	20.2	193.4	53.8	0.0	100	20.4	199.7 *	53.3	1.4	99	14.9	212.2	56.5	0.0	98
M&W SEEDS 47J64	94	P250	Conv.	16.6	207.2	55.2	0.2	99	17.7	200.9	55.8	0.0	98	18.4	193.7	53.4	0.6	100	13.9	227.1 *	56.5	0.0	99
M&W SEEDS 46L41	96	P250	Conv.	16.9	220.0 *	55.4	0.4	97	17.7	220.6 **	55.8	0.0	99	18.8	204.2 *	53.9	0.9	100	14.1	235.1 *	56.5	0.3	94
M&W SEEDS 45A37	100	P250	Conv.	18.2	202.1	54.4	0.0	99	18.6	206.5 *	54.4	0.0	100	21.0	186.1	52.7	0.0	98	15.1	213.6	56.1	0.0	100
M&W SEEDS 45K33	101	P250	Conv.	18.4	209.0	53.0	0.5	99	19.4	214.1 *	53.7	0.0	98	21.0	190.7	50.3	1.4	100	14.8	222.1	55.0	0.0	97
PARTNERS BRAND 6358	93	C250	Conv.	17.2	204.5	56.2	0.5	98	17.6	191.6	57.1	0.0	99	19.1	190.3	53.9	1.2	98	15.0	231.4 *	57.6	0.3	98
PARTNERS BRAND 6981	99	C250	Conv.	18.0	217.3 *	54.0	1.0	95	19.2	209.8 *	54.1	0.0	94	20.1	203.8 *	51.4	3.0	94	14.6	238.3 *	56.6	0.0	97
RUPP XRA94-16	94	A250	Conv.	17.0	201.6	54.9	0.0	96	17.3	208.2 *	56.0	0.0	95	19.4	183.2	52.4	0.0	97	14.2	213.3	56.4	0.0	94
STEYER 9801	98	C250	Conv.	17.5	199.8	54.9	0.5	95	18.0	191.5	55.3	0.0	97	19.7	181.1	53.2	1.5	93	14.9	226.9 *	56.1	0.0	94
STEYER 9802	98	C250	Conv.	18.4	203.4	53.5	0.0	93	19.9	195.3	54.1	0.0	96	20.8	191.5	51.6	0.0	91	14.6	223.5 *	54.8	0.0	92
STEYER 10102	101	C250	Conv.	19.1	199.8	53.7	0.0	95	19.9	191.7	53.7	0.0	99	22.0	189.2	51.1	0.0	96	15.4	218.4	56.4	0.0	91
STEYER 8602	86	C250	Conv.	16.5	182.2	56.3	0.0	96	17.2	173.4	57.6	0.0	99	17.9	180.4	53.4	0.0	96	14.5	192.8	57.9	0.0	92
STEYER 9302	93	C250	Conv.	17.2	198.8	56.6	0.5	93	17.9	183.4	57.1	0.0	93	18.8	194.9	55.1	1.2	94	15.0	218.1	57.5	0.4	92
STEYER 9503	95	C250	Conv.	17.7	211.5	54.4	0.4	98	18.9	217.5 *	55.1	0.0	99	18.7	195.2	52.3	1.1	99	15.5	221.7	55.9	0.0	95
VIKING O.84-95P	95	C250	Conv.	17.3	214.0 *	55.0	0.2	98	17.9	214.8 *	55.7	0.0	100	19.5	206.8 *	52.3	0.6	100	14.4	220.3	56.9	0.0	94
VIKING O.24-95P	95		Conv.	18.0	187.2	53.9	0.0	99	18.8	190.4	54.9	0.0	100	20.3	165.8	51.0	0.0	100	14.8	205.4	55.9	0.0	97
VIKING O.71-97P	97		Conv.	20.4	182.2	53.1	1.6	98	20.3	162.2	54.3	0.0	100	24.3	173.3	49.4	4.9	98	16.7	211.2	55.5	0.0	97
VIKING O.58-98GS	98	C250	Conv.	18.2	207.6	53.4	0.5	90	19.0	206.6 *	53.9	0.0	95	21.2	181.5	51.2	1.5	89	14.6	234.8 *	55.1	0.0	87
VIKING O.69-99P	99	C250	Conv.	19.6	214.7 *	54.0	2.9	98	20.9	218.6 *	54.3	0.0	100	21.7	192.8	52.1	8.0	97	16.2	232.9 *	55.6	0.6	96
VIKING O.35-99P	99		Conv.	19.4	192.5	52.8	1.1	98	20.6	185.8	53.6	0.0	98	22.4	177.1	49.5	3.4	100	15.3	214.6	55.3	0.0	95
VIKING 60-01	101	C250	Conv.	19.0	207.6	54.7	0.2	98	19.8	210.9 *	55.4	0.0	99	21.5	185.0	52.3	0.6	97	15.7	227.0 *	56.3	0.0	98
M&W SEEDS 46G54	98		Conv.	18.5	198.5	52.7	0.6	97	19.4	191.2	53.3	0.0	96	21.5	181.9	50.5	1.8	98	14.5	222.5	54.1	0.0	96
AVERAGE				18.0	203.2	54.5	0.7	97	18.9	199.8	55.1	0.0	98	20.3	188.7	52.2	1.9	97	14.9	221.1	56.2	0.1	95
HIGHEST				20.4	222.7	57.3	3.4	100	21.5	220.6	58.0	0.0	100	24.3	214.1	55.4	10.1	100	16.7	239.9	59.1	0.7	100
LOWEST				16.5	182.2	52.4	0.0	88	17.2	162.2	52.3	0.0	89	17.9	165.8	49.4	0.0	89	13.9	192.8	54.1	0.0	87
CV (%)				4.2	6.5	1.7	225.9	4.0	2.9	6.0	1.3	0.0	3.0	5.3	6.8	2.3	134.1	3.0	3.5	6.4	1.4	495.3	6.0
LSD (5%)				0.5	8.8	0.6	1.0	3.0	0.6	14.2	0.8	0.0	4.0	1.3	15.2	1.4	3.0	3.0	0.6	16.6	0.9	0.4	6.0

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

2 Year Averages 2016 - 2015				Early - TRIAL AVERAGE					Ingham - Early					Montcalm - Early					Saginaw - Early				
BRAND / HYBRID	RM	TRT	TRAIT	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd
BLUE RIVER 43T35	98	MXL	Conv.	18.5	220.6	54.0	0.2	98	19.4	226.8 *	53.6	0.0	100						17.5	214.4	54.5	0.3	96
GREAT LAKES 4699	96	P500	Conv.	16.9	222.5	56.4	0.1	99	17.2	218.0	56.3	0.0	100						16.5	227.1 *	56.6	0.1	99
GREAT LAKES 4879	98	P500	Conv.	18.3	233.2 **	55.5	0.1	99	19.2	234.4 **	55.1	0.0	100						17.5	232.0 **	55.9	0.1	98
M&W SEEDS 47J64	94	P250	Conv.	16.2	212.1	56.5	0.0	99	16.3	205.1	56.5	0.0	99						16.1	219.1	56.5	0.0	100
M&W SEEDS 45A37	100	P250	Conv.	17.9	221.9	55.9	0.1	100	18.5	230.2 *	55.6	0.0	99						17.4	213.6	56.2	0.3	100
M&W SEEDS 45K33	101	P250	Conv.	18.3	217.6	54.3	0.1	99	18.5	219.4	54.4	0.0	99						18.0	215.8	54.2	0.1	99
RUPP XRA94-16	94	A250	Conv.	16.5	218.1	56.5	0.0	97	16.4	221.3	56.5	0.0	98						16.7	214.9	56.5	0.0	97
STEYER 9801	98	C250	Conv.	18.0	215.5	56.2	0.0	96	18.0	208.8	56.2	0.0	98						18.1	222.1	56.2	0.0	93
STEYER 9802	98	C250	Conv.	18.7	211.7	54.2	0.0	95	19.5	211.4	54.2	0.0	95						17.8	212.1	54.2	0.0	95
STEYER 10102	101	C250	Conv.	18.9	212.3	55.5	0.0	97	19.9	208.1	54.8	0.0	98						17.9	216.6	56.2	0.0	95
M&W SEEDS 46G54	98		Conv.	18.8	209.9	53.9	0.0	94	19.5	202.7	53.9	0.0	95						18.1	217.2	54.0	0.0	93
AVERAGE				17.9	217.8	55.4	0.0	98	18.4	216.9	55.2	0.0	98						17.4	218.2	55.6	0.1	97
HIGHEST				18.9	233.2	56.5	0.2	100	19.9	234.4	56.5	0.0	100						18.1	232.0	56.6	0.3	100
LOWEST				16.2	209.9	53.9	0.0	94	16.3	202.7	53.6	0.0	95						16.1	212.1	54.0	0.0	93
CV (%)				4.5	6.4	1.5	212.1	4.0	4.4	7.2	1.2	0.0	3.0						4.2	5.3	1.2	414.1	5.0
LSD (5%)				0.4	7.0	0.4	0.7	2.0	0.7	12.4	0.5	0.0	2.0						0.6	9.7	0.6	0.3	4.0