

TABLE 5E. INGHAM, MONTCALM & SAGINAW COUNTY CONVENTIONAL GRAIN TRIALS - EARLY (101 Day and Earlier) ZONE 2 - 3

2017				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 38G54	96	P1250	CONV.	17.2	195.9 *	53.1	0.9	93	14.7	201.3	54.9	2.6	82	21.3	193.6 *	51.0	0.0	99	15.7	192.9 *	53.4	0.0	98
GREAT LAKES 4452	94	P500	CONV.	16.7	185.7	53.5	0.2	96	13.7	188.8	54.4	0.6	98	21.0	176.2	51.7	0.0	90	15.3	192.0 *	54.6	0.0	100
GREAT LAKES 4879	98	P500	CONV.	17.4	188.1 *	53.3	1.4	99	14.7	198.3	54.8	2.9	97	22.3	186.6	51.5	0.8	99	15.4	179.3 *	53.7	0.4	100
KEY 592	92	ENC	CONV.	16.7	189.8 *	54.5	0.5	93	14.4	212.2 *	55.7	1.4	85	20.2	180.6	53.5	0.0	98	15.4	176.7 *	54.2	0.0	96
M&W SEEDS 47J64	94	A250	CONV.	16.6	193.8 *	54.0	1.0	95	14.3	211.5 *	54.9	1.8	91	20.1	185.4	53.0	0.0	94	15.4	184.6 *	54.0	1.1	99
M&W SEEDS 46L41	96	A250	CONV.	17.5	187.7	53.9	1.1	98	13.7	187.0	55.4	2.0	96	21.7	186.7	52.5	1.2	97	17.1	189.5 *	53.9	0.0	100
M&W SEEDS 45A37	101	A250	CONV.	18.1	178.0	53.8	1.7	93	15.1	166.0	55.5	3.9	88	21.9	191.6 *	52.1	0.7	94	17.4	176.5 *	53.8	0.4	97
VIKING O.88-91UP	91	C250	CONV.	16.4	196.3 *	53.7	0.6	97	13.8	202.4	54.7	0.9	96	20.0	201.9 **	52.7	0.8	95	15.4	184.6 *	53.6	0.0	99
VIKING O.84-95UP	95	C250	CONV.	17.0	181.9	54.6	0.9	94	14.2	186.3	55.2	2.3	88	20.1	189.7 *	53.9	0.0	97	16.6	169.8	54.7	0.4	98
VIKING O.69-99	99	C250	CONV.	19.2	188.0 *	53.2	5.5	99	15.3	169.6	54.6	14.0	97	24.4	200.4 *	51.2	2.6	99	18.0	194.1 **	53.7	0.0	100
VIKING O.79-00	100	C250	CONV.	18.3	184.4	50.8	0.3	97	14.1	204.2	53.5	0.6	92	24.6	188.3 *	48.1	0.4	99	16.3	160.6	50.8	0.0	99
VIKING 60-01	101	C250	CONV.	19.0	197.6 *	54.1	0.3	96	15.8	213.3 *	55.8	0.6	90	22.5	191.3 *	52.1	0.4	98	18.6	188.2 *	54.3	0.0	100
WELLMAN W2801	101	ENC	CONV.	17.8	199.1 **	53.4	2.3	97	14.7	230.6 **	55.1	7.0	94	22.3	198.6 *	51.4	0.0	100	16.4	168.0	53.6	0.0	98
AVERAGE				17.5	189.7	53.5	1.3	96	14.5	197.8	55.0	3.1	92	21.7	190.1	51.9	0.5	97	16.4	181.3	53.7	0.2	99
HIGHEST				19.2	199.1	54.6	5.5	99	15.8	230.6	55.8	14.0	98	24.6	201.9	53.9	2.6	100	18.6	194.1	54.7	1.1	100
LOWEST				16.4	178.0	50.8	0.2	93	13.7	166.0	53.5	0.6	82	20.0	176.2	48.1	0.0	90	15.3	160.6	50.8	0.0	96
CV (%)				6.8	8.7	1.9	304.5	4.5	5.4	8.0	0.9	153.5	4.7	4.8	6.0	1.6	210.4	3.1	7.1	7.6	1.4	371.6	2.6
LSD (5%)				0.8	11.2	0.7	2.3	2.9	0.9	19.2	0.6	5.7	5.2	1.2	13.7	1.0	1.6	3.5	1.6	19.8	1.0	0.9	3.5

2 Year Averages 2017 - 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
GREAT LAKES 4452	94	P500	CONV.	16.7	198.7 *	54.0	0.2	97	15.8	196.0	54.6	0.0	99	19.7	195.1 *	52.0	0.6	94	14.7	204.9 *	55.4	0.0	97
GREAT LAKES 4879	98	P500	CONV.	17.7	205.4 **	53.8	0.2	99	17.0	208.8 **	55.0	0.0	99	20.8	197.9 **	51.6	0.4	100	15.2	209.4 *	55.0	0.3	98
M&W SEEDS 47J64	94	A250	CONV.	16.6	200.5 *	54.6	0.3	97	16.0	206.2 *	55.3	0.0	95	19.3	189.5 *	53.2	0.3	97	14.6	205.8 *	55.2	0.6	99
M&W SEEDS 46L41	96	A250	CONV.	17.2	203.8 *	54.7	0.4	98	15.7	203.8 *	55.6	0.0	97	20.2	195.4 *	53.2	1.0	99	15.6	212.3 **	55.2	0.2	97
M&W SEEDS 45A37	101	A250	CONV.	18.2	190.0	54.1	0.2	96	16.8	186.2	54.9	0.0	94	21.4	188.9 *	52.4	0.4	96	16.2	195.0	55.0	0.2	99
AVERAGE				17.3	199.7	54.2	0.3	97	16.3	200.2	55.1	0.0	97	20.3	193.4	52.5	0.5	97	15.3	205.5	55.1	0.3	98
HIGHEST				18.2	205.4	54.7	0.4	99	17.0	208.8	55.6	0.0	99	21.4	197.9	53.2	1.0	100	16.2	212.3	55.4	0.6	99
LOWEST				16.6	190.0	53.8	0.2	96	15.7	186.2	54.6	0.0	94	19.3	188.9	51.6	0.3	94	14.6	195.0	55.0	0.0	97
CV (%)				5.7	7.6	1.8	303.8	4.3	4.4	7.0	1.1	0.0	4.0	5.0	6.3	2.0	396.8	3.0	5.4	7.2	1.4	320.3	4.4
LSD (5%)				0.5	7.1	0.5	1.3	2.0	0.6	11.7	0.5	0.0	3.1	0.9	10.1	0.9	1.9	2.5	0.8	12.5	0.7	0.5	3.9

** Highest Yielding Hybrid
 * Not Significantly Different from Highest Yielding Hybrid