

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

ZONE 2 - 3

- 22 -

2021				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
KEY 592	92	ENC	Conv.	18.6	213.2 *	55.4	0	96	21.5	246.1	56.6	0	96	18.6	191.0	55.2	1	96	15.7	202.4	54.5	0	97
LEGACY SEEDS LC-3517 CONV	95	C250	Conv.	18.9	211.2 *	56.0	1	100	21.6	260.0	56.6	0	106	19.2	180.6	56.2	2	94	15.9	193.0	55.2	1	99
LEGACY SEEDS LC-3816 CONV	98	C250	Conv.	18.6	213.3 *	54.1	1	95	21.8	272.5 *	55.0	0	94	18.7	172.2	54.2	2	96	15.3	195.2	53.2	1	97
LEGACY SEEDS LC-4248 CONV	100	C250	Conv.	19.1	226.7 *	55.2	2	101	22.2	263.1	55.2	0	107	19.0	195.8 *	55.4	4	98	16.1	221.1 *	55.0	1	100
LG SEEDS LG37C33	87	OSF	Conv.	18.7	203.7	55.6	1	92	20.6	233.7	56.2	0	91	19.6	173.6	55.5	3	92	15.8	204.0	55.2	1	93
LG SEEDS LG42C24	92	OSF	Conv.	19.1	214.7 *	56.3	2	100	20.5	240.0	55.9	0	102	19.7	187.1	56.3	4	99	17.0	217.0 *	56.6	3	99
LG SEEDS LG49C19	99	OSF	Conv.	20.2	218.9 *	58.9	2	97	23.3	279.3 *	63.9	0	99	20.4	177.3	56.5	2	92	17.0	200.1	56.3	4	100
LG SEEDS LG49C28	99	OSF	Conv.	19.8	227.6 *	55.8	2	95	22.4	282.5 **	55.9	0	97	20.3	196.5 *	55.7	4	93	16.8	203.8	55.9	2	94
M&W SEEDS 48R10	87	T250	Conv.	18.2	189.7	56.1	1	95	20.6	221.4	56.5	0	98	17.9	159.5	56.0	1	92	16.1	188.2	55.7	1	94
M&W SEEDS 46T28	99	T250	Conv.	18.4	217.6 *	55.8	1	96	21.0	263.7	56.0	0	94	18.4	200.7 *	55.7	3	96	15.8	188.5	55.6	0	99
M&W SEEDS 45T55	99	T250	Conv.	19.4	232.8 **	55.2	2	103	22.6	277.1 *	55.3	0	115	19.7	206.6 **	55.1	5	96	15.9	214.8	55.3	2	97
RENK RK600	99	ACC250	Conv.	18.9	229.1 *	55.5	2	99	21.8	254.1	55.0	0	96	19.2	199.7 *	56.1	5	100	15.8	233.6 **	55.4	1	100
RUPP XRA97-55	97	C250	Conv.	18.9	218.1 *	55.6	1	95	21.6	262.4	55.7	0	95	19.2	176.8	55.8	3	91	15.9	215.3	55.4	1	99
RUPP XRA00-60	100	C250	Conv.	18.5	218.4 *	55.8	3	100	21.4	260.2	56.3	0	100	18.5	198.8 *	55.6	3	99	15.7	196.3	55.7	4	100
VIKING O.52-96P	96	C250	Conv.	18.8	221.6 *	56.5	2	98	21.5	265.7	58.9	0	100	19.1	196.8 *	55.9	5	96	15.7	202.5	54.8	0	99
VIKING O.45-97UP	97	C250	Conv.	17.9	204.9	55.3	1	92	21.3	247.4	57.3	0	89	17.3	174.0	54.6	4	90	15.2	193.4	54.0	0	97
VIKING O.85-00P	100	C250	Conv.	18.9	213.8 *	54.4	1	94	22.3	258.0	55.7	0	92	19.1	179.0	53.9	2	93	15.3	204.4	53.6	2	98
AVERAGE				18.9	216.2	55.7	1	97	21.6	258.1	56.6	0	98	19.1	186.2	55.5	3	95	15.9	204.3	55.1	1	98
HIGHEST				20.2	232.8	58.9	3	103	23.3	282.5	63.9	0	107	20.4	206.6	56.5	6	100	17.0	233.6	56.6	4	100
LOWEST				17.9	189.7	54.1	0	92	20.5	221.4	55.0	0	89	17.3	159.5	53.9	1	90	15.2	188.2	53.2	0	93
CV (%)				13.5	16.3	1.8	159	6	2.9	4.8	6.9	0	7	4.6	7.8	1.3	92	7	1.8	7.2	1.3	216	3
LSD (5%)				1.7	24.9	0.7	2	4	0.8	14.7	4.6	0	11	0.7	12.5	0.6	3	8	0.3	17.4	0.8	3	3

2 Year Averages 2021 - 2020				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
KEY 592	92	ENC	Conv.											19.5	198.7 *	55.3							
LEGACY SEEDS LC-3517 CONV	95	C250	Conv.											20.1	191.6	56.0							
LG SEEDS LG49C19	99	OSF	Conv.											21.6	202.9 *	55.7							
M&W SEEDS 46T28	99	T250	Conv.											19.1	206.6 **	55.3							
RUPP XRA97-55	97	C250	Conv.											19.6	182.7	55.8							
RUPP XRA00-60	100	C250	Conv.											19.8	202.5 *	55.3							
VIKING O.45-97UP	97	C250	Conv.											18.8	181.8	55.1							
VIKING O.85-00P	100	C250	Conv.											20.5	189.9	54.0							
AVERAGE														19.9	194.6	55.3							
HIGHEST														21.6	206.6	56.0							
LOWEST														18.8	181.8	54.0							
CV (%)														4.6	7.8	1.3							
LSD (5%)														0.7	12.5	0.6							

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

TABLE 5L.

INGHAM, MONTCALM & SAGINAW COUNTY CONVENTIONAL GRAIN TRIALS - LATE (102 Day and Later)

ZONE 2 - 3

2021				Late - TRIAL AVERAGE					Ingham - Late					Montcalm - Late					Saginaw - Late				
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
KEY 206	106	ENC	Conv.	22.1	185.9	53.5	4	107	24.6	250.2	54.1	0	123	25.5	145.2	53.0	9	100	16.3	162.5	53.5	4	98
KEY 210	110	ENC	Conv.	25.5	201.1	53.1	5	98	25.6	248.3	53.0	0	99	25.3	154.0	53.3	9	96	-	-	-	-	-
LEGACY SEEDS LC-5217 CONV	103	C250	Conv.	20.4	210.2 *	54.7	3	97	23.3	258.1	54.2	0	96	21.6	180.3	55.3	7	98	16.4	192.2	54.6	1	96
LEGACY SEEDS LC564-20 CONV	106	A500	Conv.	21.4	226.5 *	52.7	3	98	24.2	264.7 *	52.2	0	98	23.8	203.7 *	52.6	7	99	16.3	211.0 *	53.4	2	97
M&W SEEDS MWX 105	105	T250	Conv.	22.6	211.4 *	55.6	3	98	24.2	281.2 **	54.2	0	95	24.3	154.8	55.1	8	99	19.2	198.4	57.4	1	100
M&W SEEDS 44R33	106	T250	Conv.	19.9	216.8 *	54.2	0	94	23.3	253.8	54.9	0	85	20.6	185.7	53.6	1	97	15.9	210.8 *	54.0	0	101
M&W SEEDS 44V40	107	T250	Conv.	21.5	221.0 *	54.8	1	97	24.1	263.3 *	54.4	0	97	22.7	198.3 *	54.2	3	99	17.7	201.3	55.8	0	96
RENK RK642	102	ACC250	Conv.	19.4	214.6 *	54.7	1	96	22.5	257.3	55.1	0	97	19.2	185.6	54.1	1	96	16.4	200.9	54.9	2	94
RENK RK726	106	ACC250	Conv.	21.4	234.9 **	52.4	2	99	24.6	261.5 *	51.2	0	99	23.3	206.6 *	52.5	5	98	16.3	236.5 **	53.4	1	100
RUPP XRA02-20	102	C250	Conv.	20.3	201.4	56.1	1	98	23.1	237.5	56.3	0	95	20.7	165.9	55.7	3	100	17.1	200.8	56.4	1	100
VIKING O.46-02P	102	C250	Conv.	19.5	211.9 *	54.3	0	91	22.9	243.8	54.7	0	88	19.1	188.6	53.6	1	91	16.5	203.3	54.8	0	93
VIKING O.72-06	106	C250	Conv.	21.8	227.8 *	52.6	8	95	25.1	257.0	51.7	0	94	23.4	209.0 **	52.2	5	96	17.0	217.3 *	54.0	2	95
AVERAGE				21.3	213.6	54.1	3	97	24.0	256.4	53.8	0	99	22.5	181.5	53.8	5	97	16.9	193.2	55.4	6	97
HIGHEST				25.5	234.9	56.1	8	107	25.6	281.2	56.3	0	99	25.5	209.0	55.7	9	100	19.2	236.5	62.2	52	101
LOWEST				19.4	185.9	52.4	0	91	22.5	237.5	51.2	0	99	19.1	145.2	52.2	1	91	15.9	83.6	53.4	0	93
CV (%)				16.7	17.2	2.1	239	6	2.4	6.8	1.6		10	5.3	8.6	1.6	191	4	7.9	12.7	6.6	199	3
LSD (5%)				2.4	26.6	0.8	6	4	0.7	20.8	1.0		12	1.4	18.6	1.0	14	4	1.6	29.4	4.4	13	4

2 Year Averages 2021 - 2020				Late - TRIAL AVERAGE					Ingham - Late					Montcalm - Late					Saginaw - Late				
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
LEGACY SEEDS LC-5217 CONV	103	C250	Conv.											22.6	194.0	54.7							
M&W SEEDS 44R33	106	T250	Conv.											22.9	210.4 **	53.7							
RENK RK642	102	ACC250	Conv.											21.3	207.3 *	53.8							
VIKING O.46-02P	102	C250	Conv.											21.5	205.3 *	53.7							
AVERAGE														22.1	204.3	54.0							
HIGHEST														22.9	210.4	54.7							
LOWEST														21.3	194.0	53.7							
CV (%)														4.2	6.9	1.5							
LSD (5%)														0.8	11.0	0.7							

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

- Data Lost Due to Severe Lodging