

TABLE 6E. HURON, MONTCALM & SAGINAW COUNTY GLYPHOSATE RESISTANT GRAIN TRIALS - EARLY (96 Day and Earlier) ZONE 2 - 3

2005			EARLY TRIAL AVERAGE					% QUALITY			HURON - ZONE 3					MONTCALM - ZONE 3					SAGINAW - ZONE 2				
BRAND / HYBRID	RM	TRT	%H2O	BU/A	Twt	%SL	%Sd	Prot	Oil	Strch	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd
BAYSIDE NorthGro NG5072RR	93	P250	17.4	199.4	57.3	3.8	100	9.2	4.6	69.9	15.6	176.1 *	57.6	3.2	100	20.0	203.8 *	56.2	1.9	100	16.6	218.3	58.2	6.4	100
BAYSIDE NorthGro NG5518RR	95	P250	17.8	198.8	58.0	2.4	95	9.3	4.0	70.7	16.5	166.0	58.1	1.1	96	19.7	203.2 *	57.1	1.3	96	17.3	227.1	58.9	4.8	94
CROPLAN 314RR/Bt	92	C250	16.8	207.8	59.6	0.9	99	8.4	4.9	69.3	15.5	185.7 *	59.7	1.4	100	18.3	217.5 *	59.2	0.0	100	16.6	220.2	59.8	1.3	99
CROPLAN 364RR/Bt	95	C250	17.9	215.7 *	58.0	3.2	100	8.4	5.3	69.5	16.2	202.1 **	58.7	6.6	100	19.8	223.7 *	57.2	0.8	101	17.8	221.4	58.1	2.3	100
DEKALB DKC37-14 (RR2)	87	P250	16.2	178.6	59.3	2.6	100	10.2	5.5	67.3	15.3	164.2	59.3	5.6	100	17.0	194.4	59.3	0.6	100	16.2	177.1	59.2	1.6	100
DEKALB DKC42-95 (RR2/YGCB)	92	P250	16.9	217.1 *	58.3	2.1	100	8.2	4.2	70.2	15.6	194.2 *	58.2	5.2	100	18.6	217.6 *	57.7	0.2	100	16.5	239.6 *	59.0	1.0	99
GARST 8881RR	95	C250	17.2	205.7	58.3	3.8	99	8.5	5.3	69.0	16.3	192.1 *	58.3	8.0	100	18.5	208.9 *	57.9	0.2	99	16.9	216.0	58.7	3.3	98
GARST 8921YG1/RR	90	C250	16.8	206.7	59.7	1.9	99	8.6	4.8	69.4	15.8	180.2 *	59.6	5.0	98	18.1	209.9 *	59.5	0.0	100	16.6	229.9	60.0	0.7	100
GREAT LAKES 4206RR	92	P250	16.9	178.9	59.6	2.4	88	9.8	4.5	69.5	15.7	172.3 *	59.6	5.5	93	18.4	176.9	59.3	0.2	80	16.6	187.4	59.8	1.4	92
GREAT LAKES 4689BtRR	96	P250	18.2	219.0 **	59.3	1.1	98	8.9	4.8	70.3	15.8	193.3 *	60.1	2.1	100	20.9	214.3 *	57.6	0.9	95	17.8	249.4 **	60.1	0.3	98
HYLAND SEEDS HLR219	85	P250	18.4	169.6	60.3	4.2	98	10.1	6.2	69.1	15.9	137.3	59.9	9.0	96	20.0	185.0	60.8	0.0	98	19.2	186.4	60.1	3.5	99
HYLAND SEEDS HLR228	84	P250	15.7	167.1	59.1	4.0	99	8.8	5.4	69.1	15.2	156.7	58.9	4.2	100	16.7	189.0	58.6	0.9	99	15.3	155.6	59.7	6.9	98
HYLAND SEEDS HLR234	90	P250	16.9	212.3 *	58.7	1.7	99	8.5	5.5	69.2	15.6	190.3 *	58.9	2.5	99	18.6	225.6 **	58.1	0.7	99	16.6	221.1	59.1	1.9	99
NK Brand N33-Z7	94		19.0	193.3	58.0	1.5	99	9.1	4.7	70.4	16.7	166.7	58.7	4.2	99	20.0	202.7 *	57.9	0.0	100	20.4	210.6	57.5	0.3	97
RENK RK438RRYGCB	92		17.0	207.3	59.8	1.6	99	8.7	4.5	70.1	15.9	182.6 *	59.7	3.2	99	18.5	214.9 *	59.7	0.1	98	16.5	224.3	60.1	1.6	100
RENK RK488RR	95		17.0	202.8	58.5	2.6	95	8.8	5.4	69.1	15.9	181.2 *	58.7	2.8	97	18.6	210.9 *	58.3	0.7	91	16.6	216.4	58.5	4.4	96
VIGORO V32YR62	92		17.2	205.3	59.5	3.8	99	8.6	4.8	69.5	15.6	184.3 *	59.6	9.5	99	19.0	208.5 *	59.1	0.0	98	16.9	223.2	59.9	1.9	99
VIGORO V35R66	95	P250	17.6	190.3	58.0	1.2	87	9.1	5.0	68.9	16.3	189.9 *	58.5	2.8	98	19.4	177.8	57.1	0.5	69	17.0	203.3	58.4	0.3	93
AVERAGE			17.3	198.7	58.8	2.5	97	9.0	5.0	69.5	15.9	178.6	59.0	4.5	99	18.9	204.7	58.4	0.5	96	17.1	212.6	59.2	2.4	98
HIGHEST			19.0	219.0	60.3	4.2	100	10.2	6.2	70.7	16.7	202.1	60.1	9.5	100	20.9	225.6	60.8	1.9	101	20.4	249.4	60.1	6.9	100
LOWEST			15.7	167.1	57.3	0.9	87	8.2	4.0	67.3	15.2	137.3	57.6	1.1	93	16.7	176.9	56.2	0.0	69	15.3	155.6	57.5	0.3	92
CV (%)			2.9	5.2	0.7	111	3	4.7	6.0	1.1	3.4	6.5	0.8	90	3	3.0	4.6	0.7	165	3	2.1	4.7	0.7	94	3
LSD (.05%)			0.3	7.0	0.3	1.9	2	0.5	0.4	1.0	0.8	33.1	0.6	11.6	8	0.8	26.6	0.6	1.1	4	0.5	14.4	0.6	6.5	7

2 Year Averages			EARLY TRIAL AVERAGE					% QUALITY			HURON - ZONE 3					MONTCALM - ZONE 3					SAGINAW - ZONE 2				
BRAND / HYBRID	RM		%H2O	BU/A	Twt	%SL	%Sd	Prot	Oil	Strch	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd
BAYSIDE NorthGro NG5072RR	93		21.0	192.8	54.6	2.6	100	8.7	4.4	64.6	21.4	163.2	53.1	2.5	100	21.7	203.5	54.7	1.7	99	19.9	211.8	55.9	3.7	100
BAYSIDE NorthGro NG5518RR	95		21.4	190.9	54.9	2.1	96	9.0	3.9	64.9	21.3	160.3	53.7	2.1	97	22.4	197.3	54.8	1.3	96	20.7	215.1	56.2	3.1	95
DEKALB DKC42-95 (RR2/YGCB)	92		20.2	206.7 **	55.8	1.9	99	7.9	4.0	64.4	20.7	185.9 **	54.5	4.4	100	20.6	205.5 *	56.0	0.8	100	19.3	228.7 **	56.8	0.5	98
GARST 8881RR	95		20.4	201.1	55.6	2.4	99	8.3	5.0	62.9	21.7	179.0 *	53.9	4.7	100	20.5	211.2 **	56.1	0.4	99	19.0	213.1	56.9	2.0	99
RENK RK438RRYGCB	92		20.0	201.6	57.4	1.4	99	8.3	4.4	64.1	20.5	176.2	56.1	2.6	100	20.5	209.6 *	57.8	0.3	99	18.9	219.0	58.2	1.2	99
RENK RK488RR	95		20.2	199.2	55.8	2.4	97	8.4	5.0	62.9	20.7	175.6	54.8	3.6	98	20.8	207.8 *	56.2	0.9	95	19.2	214.3	56.5	2.7	98
AVERAGE			20.5	198.7	55.7	2.1	98	8.4	4.4	64.0	21.1	173.4	54.4	3.3	99	21.1	205.8	55.9	0.9	98	19.5	217.0	56.7	2.2	98
HIGHEST			21.4	206.7	57.4	2.6	100	9.0	5.0	64.9	21.7	185.9	56.1	4.7	100	22.4	211.2	57.8	1.7	100	20.7	228.7	58.2	3.7	100
LOWEST			20.0	190.9	54.6	1.4	96	7.9	3.9	62.9	20.5	160.3	53.1	2.1	97	20.5	197.3	54.7	0.3	95	18.9	211.8	55.9	0.5	95
CV (%)			3.6	4.9	1.0	107	2	4.3	5.7	1.1	4.4	5.7	1.1	85	2	3.5	4.3	0.9	179	2	2.6	4.5	0.9	86	3
LSD (.05%)			0.3	4.6	0.3	1.1	1	0.2	0.2	0.6	0.7	8.2	0.5	2.9	2	0.6	7.3	0.4	0.9	2	0.4	7.9	0.4	1.5	2

3 Year Averages			EARLY TRIAL AVERAGE					% QUALITY			HURON - ZONE 3					MONTCALM - ZONE 3					SAGINAW - ZONE 2				
BRAND / HYBRID	RM		%H2O	BU/A	Twt	%SL	%Sd	Prot	Oil	Strch	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd
BAYSIDE NorthGro NG5072RR	93		21.6	188.8	53.9	2.4	98	8.4	4.2	63.2	21.8	159.5	52.7	2.3	99	23.3	203.8	53.3	1.6	96	19.6	203.2	55.7	3.3	99
DEKALB DKC42-95 (RR2/YGCB)	92		21.1	203.7 **	55.0	1.5	99	7.6	3.8	63.0	21.2	179.1 **	54.2	3.5	99	22.0	213.6 *	54.5	0.5	99	20.1	218.3 **	56.3	0.5	97
RENK RK438RRYGCB	92		20.9	200.7 *	56.3	1.0	98	7.9	4.2	62.4	20.8	177.3 *	55.1	1.9	98	22.0	214.5 **	56.4	0.3	98	19.8	210.3	57.6	0.9	97
AVERAGE			21.2	197.7	55.1	1.6	98	8.0	4.1	62.9	21.2	172.0	54.0	2.6	99	22.4	210.6	54.7	0.8	98	19.9	210.6	56.5	1.5	98
HIGHEST			21.6	203.7	56.3	2.4	99	8.4	4.2	63.2	21.8	179.1	55.1	3.5	99	23.3	214.5	56.4	1.6	99	20.1	218.3	57.6	3.3	99
LOWEST			20.9	188.8	53.9	1.0	98	7.6	3.8	62.4	20.8	159.5	52.7	1.9	98	22.0	203.8	53.3	0.3	96	19.6	203.2	55.7	0.5	97
CV (%)			4.3	5.1	1.2	102	3	4.1	5.4	1.1	5.2	5.7	1.2	81	3	3.3	5.2	1.0	162	4	4.0	4.3	1.0	90	3
LSD (.05%)			0.3	3.9	0.3	0.8	1	0.2	0.2	0.5	0.7	6.8	0.5	2.1	2	0.5	7.2	0.4	0.7	3	0.5	6.1	0.4	1.2	2

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