

TABLE 1E.

BRANCH, CASS & LENAWEE COUNTY GRAIN TRIALS - EARLY (107 Day and Earlier)

ZONE 1

2005			EARLY TRIAL AVERAGE					% QUALITY			BRANCH - EARLY					CASS - EARLY					LENAWEE - EARLY				
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
AGRIGOLD A6391CL	106	P250	19.4	216.7	57.1	2.1	100	7.2	3.9	59.4	17.4	207.0	57.5	3.5	100	21.9	229.4 *	55.5	1.5	100	19.0	213.7	58.3	1.3	100
AGRIGOLD A6395	107	P250	20.7	226.4 **	55.6	3.0	99	6.8	4.2	59.4	18.8	206.8	55.7	5.5	98	23.1	238.6 **	54.0	0.5	99	20.3	233.8 **	57.0	2.9	100
BAYSIDE 2103	103	P250	18.7	196.8	57.3	1.9	97	7.4	3.5	60.2	17.0	184.7	57.2	4.0	92	20.1	211.5	56.3	1.5	99	18.9	194.3	58.3	0.3	100
BAYSIDE 4105	105	P250	18.8	209.5	55.5	1.1	95	8.1	3.6	59.1	18.0	203.7	54.9	1.7	93	20.5	217.9	54.7	0.5	95	17.8	206.9	56.8	1.0	98
BECK 4996	105	P250	18.6	210.2	55.5	0.7	94	7.8	3.4	59.5	18.0	212.4 *	55.2	1.1	91	20.6	220.2	54.5	0.0	95	17.2	198.0	56.9	1.0	97
BIO GENE BG1077	107	P250	20.1	205.4	55.8	2.2	98	5.9	3.7	61.7	17.5	195.0	56.5	4.2	99	22.6	214.2	54.0	0.5	95	20.2	207.1	57.0	2.0	100
BROWN 6723wx	105	C125	20.6	204.8	56.9	1.1	97	7.0	3.9	58.8	17.9	184.7	58.2	2.1	97	23.4	224.1 *	55.1	0.9	98	20.6	205.5	57.5	0.3	98
DAIRYLAND STEALTH-1705	105	P250	18.3	207.0	55.2	1.3	98	7.6	3.7	59.7	17.1	203.9	55.0	2.3	97	20.2	218.4	54.3	0.1	100	17.7	198.6	56.4	1.4	97
DAIRYLAND STEALTH-5007	103	P250	19.3	220.2 *	54.9	0.6	100	7.8	3.7	59.1	18.3	232.1 **	54.8	0.0	100	21.3	221.7	54.5	0.4	99	18.3	206.8	55.5	1.3	100
DAIRYLAND STEALTH-5204	104	P250	18.1	221.5 *	58.3	0.5	97	7.1	3.9	59.8	16.6	221.6 *	58.1	1.0	98	20.2	231.3 *	57.2	0.2	100	17.5	211.5	59.6	0.4	94
DAIRYLAND STEALTH-5503	105	P250	19.2	211.7	57.7	0.6	98	7.2	3.5	60.6	17.7	208.9 *	58.1	1.0	95	21.1	224.8 *	56.2	0.7	100	18.7	201.3	58.9	0.0	100
DEKALB DKC52-47 (RR2/YGCB)	102	P250	16.8	211.5	57.6	1.7	99	7.8	4.0	59.0	15.5	208.4 *	57.0	3.9	99	18.6	215.0	56.7	0.5	99	16.3	211.2	59.0	0.7	100
DEKALB DKC54-51 (YGCB)	104	P250	17.3	209.5	59.3	0.6	100	7.9	4.0	58.9	16.1	206.2	59.2	0.7	100	19.4	224.1 *	58.5	0.4	100	16.3	198.2	60.2	0.7	99
DEKALB DKC55-82 (RR2)	105	P250	17.7	209.7	58.6	2.0	99	7.9	4.2	58.6	16.4	198.2	58.6	3.7	98	19.7	225.0 *	58.1	0.1	100	17.1	205.9	59.2	2.3	100
DEKALB DKC57-30	107	P250	17.9	204.2	58.3	2.9	96	8.1	4.4	58.7	16.0	191.9	57.7	5.3	91	21.0	218.4	57.2	0.4	99	16.8	202.4	60.0	3.0	97
DEKALB DKC57-84 (YGCB)	107	P250	18.9	217.5	58.1	1.0	100	8.0	4.4	58.6	16.6	218.4 *	58.4	1.6	100	21.4	228.0 *	57.0	0.4	100	18.7	206.0	59.0	1.0	100
DYNAGRO 55N37	103	P250	18.8	212.7	58.3	1.4	100	6.6	3.3	62.0	17.2	205.3	58.6	2.3	100	21.4	217.0	56.6	1.2	99	17.8	215.9	59.7	0.7	100
DYNAGRO CX05806	106	P250	19.6	156.8	56.8	0.4	69	8.4	4.2	57.8	18.4	153.3	57.3	0.6	68	21.3	140.5	55.5	0.2	56	19.0	176.5	57.5	0.4	84
GARST 8676IT	105	C250	19.0	222.9 *	56.8	1.1	100	7.2	3.3	61.2	17.2	213.6 *	57.3	1.6	99	21.1	233.6 *	55.8	0.9	100	18.6	221.4 *	57.3	0.7	100
GARST 8689IT	104	C250	18.6	212.2	57.0	1.0	97	7.7	4.1	58.8	18.0	204.2	57.0	1.7	94	19.7	211.3	56.5	0.5	99	18.0	221.2 *	57.5	0.7	100
GOLDEN HARVEST H-8473	107	C250	19.7	204.3	57.0	0.8	100	7.4	4.1	59.3	17.9	195.5	57.4	0.3	100	22.5	217.8	55.1	1.1	100	18.6	199.7	58.5	1.0	100
GRIES X598	98	P250	17.7	188.0	59.7	0.6	98	7.7	3.8	60.1	17.1	182.6	59.4	1.0	98	19.0	198.3	58.7	0.8	98	17.1	183.0	61.0	0.0	97
GRIES X5102	102	P250	19.1	215.0	57.3	1.0	100	7.3	3.6	59.9	17.5	219.6 *	57.4	1.6	100	21.0	222.5 *	56.2	0.4	100	18.7	202.9	58.2	1.0	100
HYLAND SEEDS HL2676	102	P250	20.4	208.7	56.2	1.6	97	7.9	4.0	59.7	19.0	198.3	56.0	1.7	92	23.6	211.6	54.4	2.0	99	18.6	216.3	58.2	1.0	100
HYLAND SEEDS HLB344	103	P250	19.8	206.4	57.1	0.6	92	7.3	4.0	59.6	18.6	203.7	57.4	0.4	86	22.9	208.5	55.5	1.0	90	18.0	207.1	58.5	0.4	100
JUNG 6545YGCB	105	P250	18.6	209.6	57.8	0.5	98	7.2	3.9	59.3	16.2	198.4	57.8	0.7	95	20.5	215.1	56.9	0.9	99	19.0	215.2	58.7	0.0	100
NK Brand N50-P5	102	C250	17.3	211.0	57.4	1.6	100	7.1	3.7	59.6	16.2	216.6 *	57.6	3.2	100	19.0	206.2	56.0	0.8	100	16.6	210.3	58.7	0.7	100
NK Brand N51-Z7	104	C250	17.9	184.3	54.5	1.1	92	6.0	3.9	61.2	16.4	177.5	55.6	0.7	87	19.6	187.5	54.5	0.9	88	17.6	187.9	53.4	1.6	100
NK Brand N61-V4	107	C250	21.4	207.8	55.4	0.7	100	7.8	4.5	58.5	18.5	203.9	56.7	1.3	100	23.6	214.2	54.0	0.6	99	22.1	205.4	55.6	0.1	100
PARTNERS BRAND 546	104	C125	18.7	209.9	55.3	0.8	94	8.1	3.7	59.0	18.0	207.2	55.0	0.4	88	20.8	217.3	54.1	0.7	98	17.3	205.2	56.9	1.4	96
PIONEER 34D72	107	P250	18.5	217.9	58.8	0.7	98	7.1	3.5	59.8	17.2	223.1 *	58.0	1.0	97	20.0	222.3 *	58.4	0.5	96	18.3	208.3	60.1	0.7	100
PIONEER 35A30	104	P250	19.3	215.2	58.9	2.6	99	7.7	3.8	59.3	18.1	212.9 *	59.1	5.9	98	21.2	222.6 *	58.0	0.2	100	18.6	210.1	59.6	1.7	100
PIONEER 35Y33	107	P250	20.0	212.7	60.9	1.2	94	8.1	3.8	58.9	18.7	204.9	61.4	1.8	88	21.8	228.2 *	59.7	1.5	97	19.5	204.9	61.6	0.4	97
PIONEER 36W66	102	P250	18.5	213.7	56.6	1.1	100	7.0	3.7	60.4	17.5	206.2	56.5	2.3	100	20.3	233.0 *	55.2	0.7	100	17.7	201.9	58.1	0.4	100
RENK RK632YGCB	100		16.8	202.1	58.0	3.3	97	7.4	4.4	59.0	15.2	189.7	57.4	7.8	96	19.2	210.6	56.7	0.3	98	16.1	205.9	59.8	1.7	98
RENK RK652LLYGCB	104		18.3	193.7	56.4	0.6	93	6.8	3.6	60.6	16.9	181.9	56.3	0.7	90	19.5	193.0	55.3	1.2	94	18.6	206.1	57.5	0.0	96
RENK RK684	105		17.3	197.6	59.5	1.4	96	7.8	4.4	58.7	16.3	192.1	58.9	1.1	91	19.2	206.4	59.1	0.9	100	16.5	194.4	60.5	2.3	99
RENK RK772YGCB	104		17.7	216.1	56.5	1.8	99	8.0	4.6	57.4	16.3	220.0 *	56.2	3.5	100	19.9	221.7	55.2	0.3	97	16.8	206.5	58.2	1.6	100
RUPP XR1612	103	P250	18.3	204.8	55.7	1.9	94	7.8	3.3	60.1	17.3	204.9	55.4	2.8	91	20.2	202.2	54.6	1.6	92	17.3	207.2	57.1	1.3	98
RUPP XR1708	106	P250	20.2	203.8	56.0	2.0	99	7.5	3.8	59.0	17.5	191.1	56.9	3.3	99	22.8	215.3	54.6	1.0	97	20.3	204.9	56.4	1.7	100
RUPP XR8624	102	P250	18.8	213.6	57.6	0.6	99	7.2	3.3	60.0	17.1	210.0 *	57.5	1.0	98	20.5	217.9	56.6	0.7	100	18.9	213.0	58.7	0.0	100
SEED CONSULTANTS SC10B36	103	C250	18.1	221.8 *	58.3	0.3	97	7.2	3.8	59.7	16.7	226.2 *	57.4	0.7	95	19.8	222.4 *	58.1	0.0	100	17.9	216.7	59.3	0.1	95
SEED CONSULTANTS SC10H25	102	C250	18.1	207.9	56.1	2.0	98	7.2	3.6	60.6	17.1	201.5	55.8	1.4	95	20.3	215.4	54.7	2.9	99	16.9	206.7	57.7	1.7	100
STEYER 1030	103	P250	18.7	196.1	58.2	1.1	93	6.4	3.4	62.0	17.6	192.4	58.5	1.5	88	20.7	193.6	56.5	1.2	91	17.9	202.2	59.7	0.7	100
TRELAY 7012	105	P250	20.1	201.4	56.1	1.5	92	7.8	4.2	59.6	17.9	189.1	56.8	2.4	93	23.5	199.5	53.7	0.1	85	19.0	215.7	57.7	2.0	100
TRISLER T-2475CB	100	P250	18.5	207.3	57.5	2.2	100	8.0	3.9	58.8	15.7	189.1	57.7	3.2	100	21.2	222.2	55.8	3.0	100	18.6	210.6	58.9	0.4	100
TRISLER T-2744CB	102	P250	19.3	212.1	57.5	0.5	97	6.8	3.3	61.2	17.3	212.3 *	58.0	0.7	93	21.2	217.0	56.3	0.7	98	19.4	207.0	58.3	0.0	99
TRISLER T-2850CB	105	P250	19.4	224.1 *	57.8	3.0	99	7.5	4.0	58.3	17.4	209.9 *	58.1	3.9	98	22.0	235.9 *	56.2	0.2	100	18.8	226.4 *	59.0	4.8	100
TRISLER T-5130RRCB	107	P250	21.6	199.8	55.5	0.5	95	7.0	4.1	59.9	19.3	197.9	56.2	0.7	93	23.6	209.5	54.1	0.4	95	22.0	192.0	56.3	0.4	97
UNITY SEEDS 6104A	104		18.8	185.7	58.8	1.9	95	7.9	4.2	58.1	16.6	172.1	59.1	3.3	89	21.5	195.5	56.9	0.6	97	18.2	189.5	60.5	1.7	100

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
VIGORO Ex434002	103 P250	18.3	222.2 *	58.1	0.9	99	7.0	3.8	60.0	16.8	222.3 *	57.8	1.3	97	21.0	233.1 *	56.3	0.8	100	17.0	211.2	60.1	0.7	99
VIGORO V43YR52	103 C250	19.7	214.0	57.6	0.4	96	7.4	3.5	60.1	18.3	206.1	57.8	0.7	92	21.2	228.5 *	56.5	0.2	98	19.6	207.3	58.4	0.4	97
VIGORO V46P42	106 C250	19.1	202.6	58.2	1.2	93	7.1	3.4	61.3	17.9	198.0	58.1	2.3	85	21.4	202.1	56.5	1.2	93	17.9	207.8	60.0	0.0	100
VIGORO V46Y41	106 C250	18.9	204.7	58.3	0.5	98	6.6	3.5	61.5	17.2	199.9	58.7	0.7	95	21.2	199.6	56.7	0.6	99	18.2	214.6	59.4	0.1	100
WELLMAN W6106	106 P250	18.4	218.3	57.3	1.2	100	6.6	3.9	60.1	16.8	207.0	57.6	3.2	100	20.4	237.7 *	56.3	0.4	100	17.9	210.2	57.9	0.1	100
AVERAGE		18.9	208.0	57.2	1.3	97	7.4	3.8	59.7	17.3	202.3	57.3	2.1	95	21.0	215.4	56.0	0.8	97	18.3	206.4	58.4	1.0	99
HIGHEST		21.6	226.4	60.9	3.3	100	8.4	4.6	62.0	19.3	232.1	61.4	7.8	100	23.6	238.6	59.7	3.0	100	22.1	233.8	61.6	4.8	100
LOWEST		16.8	156.8	54.5	0.3	69	5.9	3.3	57.4	15.2	153.3	54.8	0.0	68	18.6	140.5	53.7	0.0	56	16.1	176.5	53.4	0.0	84
CV (%)		3.5	4.8	1.3	114	4	4.6	6.5	1.2	3.0	4.4	0.7	82	5	3.6	5.4	1.3	172	4	3.3	4.5	1.5	131	2
LSD (.05%)		0.5	6.8	0.5	1.0	2	0.4	0.3	0.8	0.7	24.6	0.6	4.8	6	1.1	16.3	1.0	1.8	5	0.8	13.1	2.5	1.8	3

2 Year Averages		EARLY TRIAL AVERAGE					% QUALITY			BRANCH - EARLY					CASS - EARLY					LENAWEE - EARLY				
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
AGRIGOLD A6391CL	106	20.9	206.4	55.7	2.3	98	6.9	3.7	59.9	20.5	189.2	55.6	3.2	100	20.7	214.1 *	55.8	2.8	94	21.5	216.0 **	55.5	0.8	100
DAIRYLAND STEALTH-5503	105	20.6	207.7	56.4	1.1	98	7.1	3.4	60.9	19.8	210.7 *	56.6	0.8	97	20.2	214.8 *	56.7	2.6	99	21.9	197.5	56.0	0.0	98
DEKALB DKC52-47 (RR2/YGCB)	102	17.2	205.2	56.8	1.4	98	7.5	3.9	59.8	15.8	204.1	56.3	2.5	99	17.9	203.9	56.8	1.5	96	18.1	207.6 *	57.4	0.3	99
DEKALB DKC54-51 (YGCB)	104	18.3	208.5	58.6	1.1	100	7.7	4.0	59.0	18.0	204.0	58.3	1.0	100	18.4	220.3 *	58.6	0.9	99	18.5	201.2	58.9	1.5	99
DEKALB DKC57-84 (YGCB)	107	20.2	217.4 **	57.3	1.0	99	7.7	4.3	59.3	18.8	215.5 **	57.6	1.3	99	20.2	221.9 **	57.5	1.0	100	21.6	215.0 *	56.8	0.7	100
JUNG 6545YGCB	105	18.8	200.7	57.0	0.9	98	7.2	3.7	59.7	18.0	184.0	56.5	1.0	98	18.3	206.7	57.3	1.5	97	20.2	211.3 *	57.3	0.2	100
NK Brand N50-P5	102	18.7	207.0	56.7	1.2	100	7.1	3.8	59.5	18.1	205.6 *	56.9	1.9	100	18.3	201.9	56.6	1.1	99	19.5	213.4 *	56.7	0.5	100
RENK RK652LLYGCB	104	19.2	191.6	55.9	0.8	96	6.6	3.5	61.2	18.8	176.2	55.3	1.3	95	19.0	197.7	56.2	1.1	94	19.7	200.9	56.3	0.0	98
RENK RK772YGCB	104	18.3	206.3	56.0	1.5	99	7.5	4.5	58.4	17.6	199.8	55.5	2.6	100	18.2	218.2 *	55.8	0.8	98	19.1	200.7	56.6	1.0	100
RUPP XR1708	106	21.1	200.0	55.1	1.8	98	7.1	3.7	59.5	19.7	191.4	55.4	2.1	99	21.0	203.1	55.6	2.4	95	22.5	205.4	54.2	0.8	100
TRELAY 7012	105	21.3	201.0	55.2	1.3	95	7.5	4.2	60.1	20.6	191.0	55.1	2.1	95	21.8	203.6	55.0	0.4	90	21.4	208.5 *	55.5	1.5	100
VIGORO V46Y41	106	20.4	198.4	56.7	0.7	98	6.7	3.6	61.4	19.9	191.9	56.9	0.5	97	20.5	197.7	57.0	1.6	96	20.9	205.7 *	56.2	0.0	100
AVERAGE		19.6	204.2	56.5	1.3	98	7.2	3.9	59.9	18.9	197.0	56.3	1.7	98	19.6	208.7	56.6	1.5	96	20.4	206.9	56.5	0.6	99
HIGHEST		21.3	217.4	58.6	2.3	100	7.7	4.5	61.4	20.6	215.5	58.3	3.2	100	21.8	221.9	58.6	2.8	100	22.5	216.0	58.9	1.5	100
LOWEST		17.2	191.6	55.1	0.7	95	6.6	3.4	58.4	15.8	176.2	55.1	0.5	95	17.9	197.7	55.0	0.4	90	18.1	197.5	54.2	0.0	98
CV (%)		5.2	5.8	1.5	121	3	4.9	6.0	1.1	5.7	6.0	1.2	85	4	3.8	5.2	1.2	167	4	5.8	6.1	1.9	143	3
LSD (.05%)		0.5	5.7	0.4	0.7	2	0.3	0.2	0.6	0.9	9.9	0.6	1.4	3	0.6	9.1	0.5	1.4	3	0.9	10.4	0.9	1.0	2

3 Year Averages		EARLY TRIAL AVERAGE					% QUALITY			BRANCH - EARLY					CASS - EARLY					LENAWEE - EARLY				
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
AGRIGOLD A6391CL	106	21.3	204.6	54.6	2.4	98	7.1	3.7	59.8	20.1	194.9	55.5	3.1	100	21.8	202.7 *	54.5	2.4	95	21.9	216.3 *	53.9	1.6	99
DEKALB DKC57-84 (YGCB)	107	21.7	217.0 **	55.8	1.0	99	7.7	4.2	59.4	20.5	223.8 **	56.7	1.0	99	22.0	209.1 **	55.9	1.5	100	22.7	218.2 **	54.8	0.6	98
JUNG 6545YGCB	105	19.7	202.0	56.0	0.9	98	7.4	3.7	59.7	19.0	194.2	56.2	0.9	98	18.9	196.4	56.3	1.6	97	21.2	215.4 *	55.6	0.2	100
NK Brand N50-P5	102	19.9	203.4	55.5	1.3	100	7.4	4.0	59.2	19.0	210.7	56.4	1.9	100	19.7	182.7	55.4	1.5	99	21.2	216.8 *	54.6	0.3	100
RENK RK772YGCB	104	19.1	202.8	55.2	1.5	99	7.6	4.5	58.3	17.8	196.9	55.2	2.6	100	19.2	205.6 *	55.1	1.2	98	20.2	206.0	55.2	0.8	100
RUPP XR1708	106	21.4	199.9	54.3	2.1	97	7.2	3.7	59.7	19.6	196.0	55.4	2.3	100	22.0	195.2	54.3	2.2	94	22.6	208.7	53.2	1.8	97
AVERAGE		20.5	205.0	55.2	1.5	99	7.4	3.9	59.3	19.3	202.7	55.9	2.0	99	20.6	198.6	55.2	1.7	97	21.6	213.5	54.6	0.9	99
HIGHEST		21.7	217.0	56.0	2.4	100	7.7	4.5	59.8	20.5	223.8	56.7	3.1	100	22.0	209.1	56.3	2.4	100	22.7	218.2	55.6	1.8	100
LOWEST		19.1	199.9	54.3	0.9	97	7.1	3.7	58.3	17.8	194.2	55.2	0.9	98	18.9	182.7	54.3	1.2	94	20.2	206.0	53.2	0.2	97
CV (%)		4.7	5.8	1.4	135	3	4.9	5.9	1.1	5.0	5.7	1.1	117	3	3.9	6.0	1.3	144	4	5.0	5.6	1.6	144	3
LSD (.05%)		0.4	4.6	0.3	0.7	1	0.2	0.2	0.5	0.6	7.7	0.4	1.5	2	0.5	8.4	0.5	1.1	3	0.7	7.7	0.6	0.9	2

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid