

MSU Extension Publication Archive

Archive copy of publication, do not use for current recommendations. Up-to-date information about many topics can be obtained from your local Extension office.

Michigan Corn Production Hybrids Compared
Michigan State University Extension Service
Kurt D. Thelen, Keith Dysinger, William D. Widdicombe, Crop and Soil Science
Issued December 2008
44 pages

The PDF file was provided courtesy of the Michigan State University Library

Scroll down to view the publication.

DO NOT USE

2008 Michigan Corn Hybrids Compared



Extension Bulletin E-431 December 2008

MICHIGAN STATE
UNIVERSITY
EXTENSION

COMPANY INDEX

BRAND AGRIGOLD

CONTACT
AgriGold Hybrids
R.R. #1, Box 203
St. Francisville, IL 62460
www.agrigold.com

BAYSIDE

Bayside Seeds, LLC
259 Bowker Road
Munger, MI 48747
www.baysideseeds.com

BECK

Beck's Superior Hybrids
6767 E. 276th Street
Atlanta, IN 46031
www.beckshybrids.com

BIO GENE

Bio Gene Seeds
5477 Tri County Hwy
Sardinia, OH 45171
www.biogeneseeds.com

CROPLAN

WinField Solutions, LLC
P.O. Box 64281
St. Paul, MN 55164
www.croplangenetics.com

CROW S

Crow's Hybrid Corn Co.
P.O. Box 157
Kentland, IN 47951
www.crowshybrid.com

DAIRYLAND STEALTH

Dairyland Seed Co., Inc.
P.O. Box 958
West Bend, WI 53095
www.dairylandseed.com

DEKALB

Monsanto Company
800 N. Lindbergh Blvd.
St. Louis, MO 63167
www.dekalb.com

DYNA-GRO

Crop Production Services
P.O. Box 1467
Galesburg, IL 61402
www.cropproductionservices.com

FIELDERS CHOICE

Fielders Choice Direct
306 N. Main St.
Monticello, IN 47960
www.fielderschoicedirect.com

G2 GENETICS

NuTech, LLC
36131 Highway 69
Forest City, IA 50436
www.yieldleader.com

BRAND GREAT LAKES

CONTACT
Great Lakes Hybrids
9915 West M-21
Ovid, MI 48866
www.GreatLakesHybrids.com

HYLAND SEEDS

Hyland Seeds
1015 N. 51st St, Suite E
Grand Forks, ND 58203
www.hylandseeds.com

JUNG

Jung Seed Genetics, Inc.
341 South High Street
Randolph, WI 53956
www.jungseedgenetics.com

LEGACY SEEDS

Legacy Seeds, Inc.
1927 Spindt Drive
Waupaca, WI 54981
www.legacyseeds.com

Midwest Seed Genetics

Midwest Seed Genetics
P.O. Box 518
Carroll, IA 51401
www.midwestseed.com

MYCOGEN

Mycogen Seeds
9330 Zionsville Road
Indianapolis, IN 46268
www.mycogen.com

NuTech

NuTech Seed, LLC
40321 130th Avenue
Leland, IA 50453
www.yieldleader.com

PIONEER

Pioneer Hi-Bred Int'l.
151 St Andrews Court,
Suite 910
Mankato, MN 56001
www.pioneer

RENK

Renk Seed Company
6809 Wilburn Road
Sun Prairie, WI 53590
www.renkseed.com

RUPP

Rupp Seed, Inc.
17919 Co. Rd. B
Wauseon, OH 43567
www.ruppseeds.com

BRAND SEED CONSULTANTS

CONTACT
Seed Consultants, Inc.
P.O. Box 370
Washington Court House,
OH 43160
www.seedconsultants.com

STEWART

Stewart Seeds
2230 E. 300 N.
Greensburg, IN 47240
www.stewartseeds.com

TRELAY

Trelay Seed Company
11623 Hwy 80
Livingston, WI 53554
www.trelay.com

WELLMAN

Wellman Seeds, Inc.
23778 Delphos - Jennings Rd.
Delphos, OH 45833
www.wellmanseeds.com

To obtain additional copies of this bulletin please contact
the Michigan State University Extension Bulletin Office
at the following:

MSU BULLETIN OFFICE
117 Central Services Building
Michigan State University
East Lansing, MI 48824
Phone: 517-353-6740
Fax: 517-353-7168

2008

MICHIGAN CORN PERFORMANCE TRIALS

*K. Thelen, K. Dysinger, L. Williams and W. Widdicombe
Department of Crop and Soil Sciences
Michigan State University*

Introduction

The Michigan State University Department of Crop and Soil Sciences conduct hybrid corn trials each year in cooperation with MSU Extension, seed corn companies, and farmers to determine performance.

Entries

Seed companies are invited to enter hybrids in the trials and a fee is charged to cover expenses. Separate indexes for grain and silage provide a list of all hybrids entered in the 2008 trials (pg. 26 and 31, respectively). Fourteen grain and ten silage locations were planted. A total of 331 hybrids from 24 seed companies (25 brand names) make up the 606 entries which translates to 7,112 separate county plots. Company names used in association with hybrid numbers refer to the brand. The hybrid numbers are the companies designations. Numbers in parentheses refer to the tables in which each hybrid appears.

Hybrids that have a seed-applied insecticide that may enhance yield are listed in the table column TRT (Treatment). The TRAIT column, uses code numbers, listing the hybrid quality traits provided by the company. Treatment and Trait codes are listed in the tables on page 21.

How to Use This Bulletin

Tables list hybrids alphabetically and contain yield results for each location, plus zone averages. Complete one- and two-year yield results are listed in tables for each zone where data is available. One-year single-site results are less reliable than multiple year and multiple location averages, and should be interpreted with more caution. Confidence in corn performance data increases as the number of years and the number of testing locations increase. Results are also listed on our Web site:

<http://www.css.msu.edu/varietytrials/>

The results shown are the average of four replications grown in close proximity to one another. Two or more plots of the same hybrid in the same field may produce somewhat different results because of uncontrolled variability in the soil and other environmental factors.

Replication and randomization of the entries are two methods used to reduce this variation. Because these methods do not eliminate all variables, the magnitude of difference necessary for statistical significance has been calculated for yield, moisture content, and test weight. The value calculated as the least significant difference (LSD) is the amount that an individual hybrid would have to differ from another hybrid in the same test to be considered significantly different from that hybrid. The CV, or coefficient of variability, is indicative of a trial's precision. Trials with low levels of error variation have lower CV values.

Hybrids that are not significantly different from the highest yielding hybrid are marked with an asterisk (*) in each table (highest yielding hybrid is marked with **). Other agronomic information relative to each trial is given in tables B and C. Fertilizer amounts are shown as total pounds per acre of nitrogen, P_2O_5 , and K_2O applied during the season.

Growing Conditions in 2008

Mid April showers delayed early season plantings in 2008. Planting started April 24th and continued until May 21st. Six locations were planted in April. Locations needing Nitrogen applied had liquid 28% applied between June 2nd and June 27th. Silage harvest ran between Sept 3rd and Oct 2nd. Harvest started slowly and struggled for the first couple weeks. Delays in getting new equipment modifications added to the chopper slowed early season progress when the new modifications did not work properly. Those equipment delays and early season dry-down made for high Dry matter totals at early harvest sites in the Southern Zones. Mid September rainfall further delayed harvest. As harvest moved into the northern zones crop maturity was slowing down. In the end, Northern silage sites still had Dry matter totals in the low 30 percentile. Grain harvest started on October 20th in Cass County and finished in Montcalm County on November 20th. Rain and Mud made cause for a couple locations to have harvest completed at a second date.

Table A (pg. 5) presents 2008 accumulations of temperature, rainfall, and heat units, plus their deviation from 30 year norms. Data is obtained from MSU weather stations located closest to each location. Actual accumulation at each location may vary slightly.

2008

GROWING SEASON WEATHER SUMMARY

*Jeff Andresen, Extension Agricultural Meteorologist
Department of Geography
Michigan State University*

Weatherwise, the 2008 growing season in Michigan will likely be remembered most for cool temperatures early and for extended dryness during the second half of the season. Prior to the growing season, an upper air troughing pattern across the central U.S. and a very active storm track from the southern Great Plains through the Great Lakes Region led to a very snowy winter season in Michigan with much above normal snowfall totals in many areas. The above normal off season precipitation resulted in complete soil moisture recharge and abnormally wet soils across most of the state prior to the beginning of the season. One notable exception occurred in far northern sections of the state where below normal precipitation totals left soil moisture at below normal levels. As of early April, the Palmer Drought Severity Index categorized all of the Lower Peninsula as Unusually to Extremely Moist, with Mild Drought conditions for the Upper Peninsula.

Weather during spring planting in April and May was generally cooler and drier than normal, in response to persistent upper air trough across the Great Lakes Region. While the drier than normal conditions generally allowed fieldwork to progress, the cool temperatures slowed germination and early establishment of crops. A large Canadian-origin air mass centered over the central Great Lakes region brought widespread frost and freezing temperatures to Michigan the morning of May 28th, with sub-freezing minimum temperatures recorded across the majority of the state. The event was approximately 1-3 weeks later than the normal last freezing temperatures of the season and set new record lows for the date in some areas. The freeze was a radiation-type freeze event in which minimum temperatures varied greatly over only short distances. As a result of the strong spatial variability of minimum temperatures, a wide variety of damage and plant cold injury were reported, with replanting of crops necessary in some areas. In retrospect, the damage from this event could have been much greater since seasonal growing degree accumulations and resulting crop phenological development rates had been lagging at least a week or more behind normal.

By early June, a new jet stream pattern developed across North America with southwesterly flow across and a more active storm track through the Midwest. Heavy rain fell in many sections of the state in early and mid-June, with localized flooding and ponding in some cases. Frequent showers were a significant problem with forage harvest. Severe thunderstorms moved across southern sections of the state on the 2nd of July, bringing more heavy rain, flooding, and some damaging hail. Warmer than normal temperatures in late June and early July accelerated phenological development of crops following the cool start of the season.

A broad upper air ridging pattern developed across the region by mid-July and persisted through much of August. While mean temperatures remained close to slightly below the long term normals, rainfall in most of the state was well below normal. The drier than normal conditions led to crop moisture stress and ultimately to declines in yield potential across southern, western, and northern sections of the state. The lack of water was likely accentuated by the relatively shallow rooting depths of many crops due to the early wet,

cool conditions and was especially pronounced on lighter, coarse-textured soils. One very notable exception to the drier than normal pattern was an eastern area of the state from the Saginaw Valley through the Thumb, where precipitation was close to normal and in some cases even above normal.

The abnormally dry pattern was broken abruptly in most sections of the state in early September with the passage of the remnants of three separate hurricanes/tropical storms. While hurricanes and their remnants typically move poleward from tropical and subtropical origins at some point in their lifetime, it is somewhat unusual for them to impact Michigan and the Great Lakes region as the storms must make landfall in an area potentially upwind of the region and then upper air winds have to be just right to advect or transport the remnants here before the system completely dissipates. The first was Hurricane Gustav (or more precisely, its remnants), which initially made landfall in Louisiana and moved through Michigan on the 3rd and 4th of September. This system brought over 4.00 inches of rain to western sections of the Lower Peninsula. Because the rain with this system fell in a steady, moderate intensity over a several hour period, the vast majority of the precipitation soaked into the soil profile. On the 12th-14th, Michigan was visited by two more tropical systems, beginning with the remnants of Tropical Storm Lowell on the 12th. Just a day later, Hurricane Ike made landfall in the Galveston, Texas area. The southwesterly winds that brought the remnants of Lowell into the Midwest were still in place across the region, and Ike's remnants moved quickly north and eastward into the Great Lakes region early on the 14th with another round of heavy rain. Relatively strong winds (15-25 miles/hour with higher gusts) were still present with the system as it moved through southern Lower Michigan. Collectively, more than 10.00 inches of rain fell at some locations across the southwestern Lower Peninsula, leading to flooding and water-logged soils (and some new rainfall records). Unfortunately, the rainfall state was generally too late to be of major benefit to crops stressed by earlier dryness.

Overall for the 5 month May-September period, precipitation totals ranged from much below normal levels across northern sections of the state (the fourth consecutive year in which this has occurred) to much above normal levels across southern sections of the Lower Peninsula (due mainly to the heavy rains of early September). Mean temperatures and seasonal growing degree day accumulations were generally near to below the climatological normals. Many crops lagged somewhat behind normal phenologically as a result. Fortunately, the first killing freeze of the fall season was also later than normal over most areas of the state (except across northeastern sections of the state where freezing temperatures occurred during the second week of September), allowing an extended maturation and drydown period. It is also worth noting that while crop yields fell back to normal or below normal levels in many sections of the state due to the extended dryness in July and August, they were much above normal across east central sections of the state where precipitation during the middle of the growing season was much closer to normal.

TABLE A.

GROWING SEASON SUMMARY - TEMPERATURE, PRECIPITATION AND GROWING-DEGREE-DAY ACCUMULATIONS

COUNTY			MAY			JUNE			JULY			AUGUST			SEPTEMBER			SEASON		
			OBS	NORM	DEV	OBS	NORM	DEV	OBS	NORM	DEV	OBS	NORM	DEV	OBS	NORM	DEV	OBS	NORM	DEV
Zone 1	LENAAWEE	TEMP	55.7	58.3	-2.6	68.8	67.8	1.0	70.6	71.7	-1.1	70.2	69.9	0.3	65.3	62.6	2.7	66.1	66.1	0.1
		PPT	2.03	3.04	-1.01	2.82	3.30	-0.48	5.80	3.73	2.07	0.83	3.20	-2.37	4.80	2.62	2.18	16.28	15.89	0.39
		GDD	296	353	-57	564	542	22	645	658	-13	618	616	2	482	432	50	2605	2601	4
	BRANCH & CASS	TEMP	55.4	59.2	-3.8	72.2	68.4	3.8	70.3	71.9	-1.6	69.4	70.1	-0.7	64.5	63.3	1.2	66.4	66.6	-0.2
		PPT	2.71	3.12	-0.41	3.72	3.95	-0.23	3.74	3.79	-0.05	0.99	3.16	-2.17	7.88	3.01	4.87	19.04	17.03	2.01
		GDD	273	381	-108	578	564	14	642	670	-28	603	628	-25	466	454	12	2562	2697	-135
	WOOD (Bowling Green, OH)	TEMP	55.7	60.1	-4.4	71.8	69.8	2.0	72.5	73.4	-0.9	70.9	70.9	-0.8	66.2	64.1	2.1	67.3	67.7	-0.4
		PPT	3.72	3.58	0.14	5.61	3.56	2.05	3.11	3.57	-0.46	1.12	3.36	-2.24	3.39	2.63	0.76	16.95	16.70	0.25
		GDD	273	360	-87	640	551	89	558	682	-124	664	628	36	495	430	65	2630	2651	-21
Zone 2	KENT	TEMP	53.6	57.4	-3.8	66.1	67.1	-1.0	69.3	71.2	-1.9	67.8	69.5	-1.7	62.8	61.9	0.9	63.9	65.4	-1.5
		PPT	2.75	2.86	-0.11	5.25	3.68	1.57	4.21	2.95	1.26	0.49	3.14	-2.65	10.49	3.24	7.25	23.19	15.87	7.32
		GDD	252	335	-83	496	530	-34	613	654	-41	565	610	-45	402	412	-10	2328	2541	-213
	INGHAM	TEMP	54.9	57.5	-2.6	69.1	67.0	2.1	71.4	70.7	0.7	69.2	69.0	0.2	65.2	62.0	3.2	66.0	65.2	0.7
		PPT	1.16	2.73	-1.57	4.43	3.54	0.89	3.79	3.02	0.77	0.65	3.12	-2.47	8.14	2.50	5.64	18.17	14.91	3.26
		GDD	276	338	-62	552	530	22	655	640	15	601	598	3	422	418	4	2506	2524	-18
	SAGINAW	TEMP	54.5	58.6	-4.1	68.3	68.2	0.1	70.5	72.1	-1.6	67.5	70.2	-2.7	62.8	62.9	-0.1	64.7	66.4	-1.7
		PPT	1.63	2.49	-0.86	5.65	3.09	2.56	2.87	2.83	0.04	2.68	3.29	-0.61	4.44	2.76	1.68	17.27	14.46	2.81
		GDD	295	367	-72	561	555	6	649	670	-21	567	623	-56	432	438	-6	2504	2653	-149
Zone 3	HURON	TEMP	52.6	55.2	-2.6	66.7	64.9	1.8	69.3	69.3	0.0	65.9	67.8	-1.9	61.1	61.0	0.1	63.1	63.6	-0.5
		PPT	1.80	2.58	-0.78	4.04	2.88	1.16	2.62	2.93	-0.31	2.32	3.01	-0.69	4.53	2.67	1.86	15.31	14.07	1.24
		GDD	235	298	-63	502	479	23	614	602	12	512	569	-57	376	387	-11	2239	2335	-96
	MONTCALM	TEMP	53.4	57.7	-4.3	66.5	67.1	-0.6	69.2	71.0	-1.8	67.2	69.3	-2.1	61.5	61.6	-0.1	63.6	65.3	-1.8
		PPT	1.69	2.88	-1.19	2.95	3.43	-0.48	3.07	2.50	0.57	3.03	3.84	-0.81	5.03	3.12	1.91	15.77	15.77	0.00
		GDD	268	351	-83	509	536	-27	603	646	-43	554	603	-49	387	414	-27	2321	2550	-229
	MASON	TEMP	52.2	54.4	-2.2	64.0	63.6	0.4	67.9	68.5	-0.6	65.9	67.2	-1.3	60.9	60.2	0.7	62.2	62.8	-0.6
		PPT	1.51	2.48	-0.97	8.37	2.93	5.44	2.97	2.18	0.79	0.61	3.79	-3.18	3.74	3.25	0.49	17.20	14.63	2.57
		GDD	210	273	-63	436	450	-14	559	587	-28	516	552	-36	365	365	0	2086	2227	-141
Zone 4	OGEMAW	TEMP	49.4	52.0	-2.6	64.0	61.7	2.3	67.2	66.6	0.6	65.0	64.9	0.1	58.4	57.2	1.2	60.8	60.5	0.3
		PPT	1.93	2.78	-0.85	4.71	3.12	1.59	4.89	3.11	1.78	1.20	3.23	-2.03	3.90	3.08	0.82	16.63	15.32	1.31
		GDD	200	251	-51	451	413	38	581	534	47	518	496	22	338	317	21	2088	2011	77
	GRAND TRAVERSE	TEMP	50.3	53.5	-3.2	65.2	63.7	1.5	69.2	68.8	0.4	68.3	67.3	1.0	61.5	59.3	2.2	62.9	62.5	0.4
		PPT	3.03	2.48	0.55	3.50	3.15	0.35	2.65	2.88	-0.23	0.58	2.93	-2.35	3.04	3.60	-0.56	12.80	15.04	-2.24
		GDD	205	273	-68	484	454	30	621	587	34	587	552	35	394	348	46	2291	2214	77
	MENOMINEE	TEMP	49.4	53.6	-4.2	63.2	62.7	0.5	66.7	67.4	-0.7	64.3	65.5	-1.2	58.4	57.0	1.4	60.4	61.2	-0.8
		PPT	4.13	3.57	0.56	1.19	3.72	-2.53	3.38	3.63	-0.25	1.99	3.86	-1.87	2.41	3.60	-1.19	13.10	18.38	-5.28
		GDD	216	285	-69	454	438	16	583	559	24	514	513	1	332	319	13	2099	2114	-15
Zone 5	DELTA	TEMP	47.7	52.6	-4.9	60.0	62.3	-2.3	65.8	65.7	0.1	64.7	65.2	-0.5	57.6	57.7	-0.1	59.2	60.7	-1.5
		PPT	2.89	2.85	0.04	2.37	3.06	-0.69	2.97	3.57	-0.60	1.30	3.08	-1.78	0.68	3.69	-3.01	10.21	16.25	-6.04
		GDD	174	263	-89	411	419	-8	526	499	27	489	492	-3	304	311	-7	1904	1984	-80

TEMP = Mean temperature (F)

PPT = Precipitation (inches)

GDD = Growing Degree Day calculated at base 50 F, with an 86 F cutoff

OBS = Totals observed in 2008

NORM = Normals calculated over 30 year period (1950-1980)

DEV = Deviation of observed from normal

Table courtesy of MSU Agricultural Weather Office (517-355-0231)

2008

GRAIN PERFORMANCE TRIALS

Introduction

Fourteen locations (see map pg. 7) containing 29 grain trials were planted. The grain index (pg. 26) contains a list of all hybrids planted in the 2008 grain trials. Hybrids are reported in alphabetical order in each of the tables. County results are reported in the following tables:

Tables 1E/1L Zone 1 - Branch, Cass, and Lenawee

Tables 2E/2L Zone 2 - Ingham, Kent and Saginaw

Tables 3E/3L Zone 3 - Huron, Mason, and Montcalm

Table 4 Zone 4 Ogemaw, Grand Traverse, and Menominee (L)

Table 5 Zone 5 Delta and Menominee (E)

Tables 6E/6L Glyphosate Trial Huron (Zone 3), Montcalm (Zone 3), and Saginaw (Zone 2)

Methods

Three trial locations were planted in each of four maturity zones. Zone 5 had two locations. These zones are based on available growing degree-day units established from long-term weather records. Hybrids entered in a zone were tested in each of the three designated locations. Entries for Zones 1, 2, and 3 are divided into two maturity groups (early and late) on the basis of maturity ratings provided by the seed companies. In Zones 4 and 5, all hybrids were tested in one group.

Four-row plots were used at all grain locations. The two center rows were harvested for yield. Plots were 22 feet long with 30-inch row spacing.

Experimental design, data acquisition, analysis of variance and data summarization were facilitated in part by AGROBASE Generation II™ (Agronomix Software, Inc., Winnipeg, Canada). The experimental layout was a four-replication, lattice design. Hybrid performance is reported as the adjusted mean averaged together from four replicated plots.

Variety trials were conducted on farmers' fields. All hybrids in a location were managed the same, with the same fertilizers, population, date of planting, and other management practices. In the field, hybrids were identified only by a plot number to assure unbiased comparisons. Trials in Branch, Cass, Montcalm, and Mason counties were irrigated.

Stand counts were recorded in June. Plots with stand counts higher than the desired population were thinned at this time. Average trial population plus the desired population rates are listed with other important agronomic information in Table B (pg. 23). Lodging measurements were made at harvest. All plants broken below the ear and/or leaning more than 45 degrees were counted. Plots were harvested mechanically. Moisture content and field

weight were measured by a GrainGage™, a HarvestMaster System™ mounted on the plot combine. Grain yield is reported at a standard 15.5 percent moisture. Grain test weight is reported at harvest moisture. Automated test weight equipment loses some accuracy as harvest moistures increase. Test weight values should be used to determine relative rank and not as a precise weight.

Replicated grain samples were collected from one location in each zone (Branch, Ingham, Huron, Ogemaw, and Delta) and were tested for protein, starch and oil content using near infrared reflectance (NIR) quality analysis. The results are presented in each table.

Results

The tables report the following information about the hybrids tested:

1. Moisture content at harvest (%H₂O).
2. Yield (in bushels per acre) of shelled corn corrected to 15.5 percent moisture (Bu/A)
3. Test weight at harvest moisture (Twt).
4. Percent of stalk lodging (plants broken below the ear and/or 45 degrees off vertical at harvest) (%SL).
5. Percent stand of target population (%Std).
6. Percent protein (Prot), oil (Oil) and starch (%Strch) content are reported at 15.5 percent grain moisture.

How to Choose a Hybrid

Adaptation

The map on page 7 shows the locations of the grain trials and divides Michigan into five generalized maturity zones. Local variations in weather, soil type, fertility, time of planting, and other conditions all affect adaptation. Corn hybrids are often adapted to more than one zone.

In selecting a hybrid, there is no real substitute for observing individual characteristics while plants are growing. The best time to compare plants is usually in late August or early September as they approach maturity. Each year, demonstration plantings of each hybrid are planted at a limited number of test locations. In 2008, Hybrids were identified in Lenawee, Ingham, Ogemaw

and Grand Traverse Counties for public viewing with some having a scheduled field tour. Examining plant and ear characteristics can help you select hybrids suitable for your production system. (Yield results are not taken from the demonstration plot.)

Planting Rate

The number of seeds sown per acre in Michigan has increased steadily over the past several years. In general, modern corn hybrids can withstand the stress of higher plant populations better than hybrids of the past. However, increased planting rates are not a guarantee of increased yield. Check with your seed dealer for information on which hybrids perform better at higher populations when grown on your soil type.

Maturity

Early-maturing hybrids are generally lower in moisture content than later-maturing hybrids at harvest. Differences among hybrids in rate of dry down in the field also affect moisture content at harvest.

It generally requires two days for grain moisture to fall 1 percent under optimum drying conditions. Corn is considered physiologically mature when a black layer of cells forms at the base of the kernel. This black layer is an indication of the end of active growth processes. At this time, kernel moisture will be between 32 and 35 percent.

In 2008 Early-maturing hybrids averaged 2.1 moisture points below the later maturing hybrids at harvest in Zone 1 with a yield drop of just 2.1 Bushels over the trial average. Zones 2 and 3, had an average difference of 3.5 moisture points between early and late maturity hybrids while yield loss over the trial averages was .7 bushel in Zone 2 and 2.5 bushel in Zone 3. The Glyphosate resistant trial was 2.3 moisture points drier for the Early hybrids but showed the highest yield gain for late hybrids at 4.2 bushels. But would that yield gain cover drying costs and extra grain handling costs. In 2008 there appeared to be little advantage in growing later maturing hybrids.

For Grain

When you are selecting a hybrid, yield should not be the only consideration. A hybrid with lower grain moisture but above average yield will often have higher net returns than a top-yielding hybrid with higher grain moisture. A one-point increase in moisture requires approximately 2 more bushels in yield to break even. It is often better to choose earlier hybrids (below average moisture content) than later hybrids for grain. Data in the tables show that good yields do not necessarily depend on later maturity.

Seven Advantages of Early-Maturing Hybrids:

1. They usually mature before killing frost.
2. Adapted early hybrids can generally yield as much as late hybrids in most areas of Michigan.
3. Early hybrids with lower moisture content at harvest reduce drying time and market discounts for high grain moisture.
4. Grain test weights are generally higher, resulting in reduced market discounts.
5. Mature, dry corn makes a superior feed grain when used in swine or poultry rations.
6. Harvest can take place earlier in the fall, when weather conditions are most favorable reducing corn losses resulting from broken stalks and dropped ears.
7. Fall tillage of corn stubble can be completed on land not subject to erosion.

2008 Grain Trial Locations

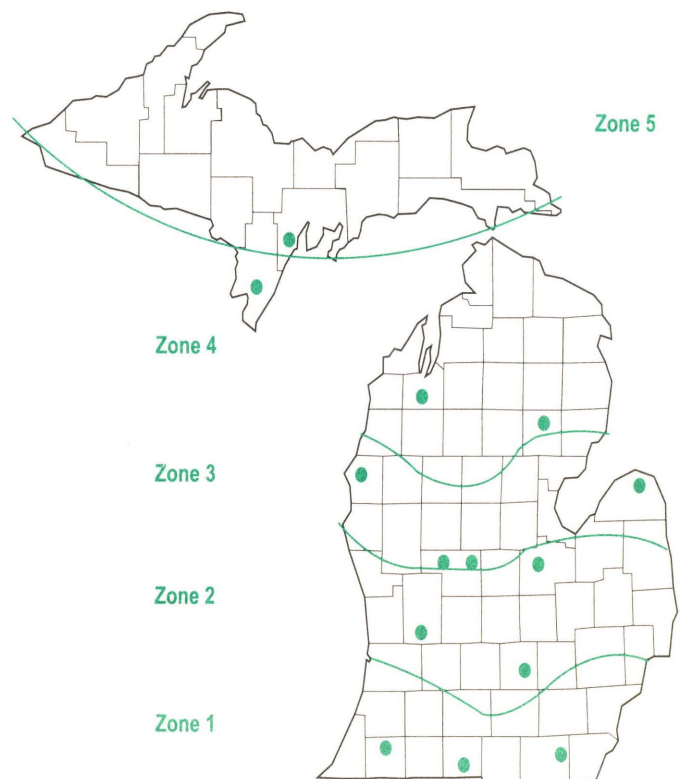


TABLE 1E.

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

ZONE 1

2008				EARLY - TRIAL AVERAGE					% QUALITY			BRANCH - EARLY					CASS - EARLY					LENAWEE - EARLY				
BRAND / HYBRID	RM	TRT	TRAIT	%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 A6323CL	103	P250	5	17.3	213.6 *	55.5	1.2	96	7.2	4.0	59.4	16.8	206.8 *	55.3	1.0	97	18.9	205.0	55.3	1.4	94	16.1	229.0 *	55.9	1.3	96
AGRIGOLD A6325VT3	104	P250	1,2,3	16.6	209.5	55.9	2.4	97	8.0	3.9	58.9	15.6	195.3	56.4	0.7	95	19.1	222.7 *	55.2	0.0	98	15.1	210.5	56.0	6.6	99
BECK 5135HXR TM 1	104	P250	1,2,3,4	17.2	202.6	59.4	0.7	92	8.0	3.9	58.7	16.3	192.8	59.0	1.0	93	18.7	203.4	59.0	0.7	93	16.5	211.6	60.3	0.4	89
BECK 5244VT3	106	P250	1,2,3	17.9	208.6	56.2	1.7	97	9.0	3.7	58.3	16.6	198.4	55.8	0.6	99	20.5	217.8 *	55.6	0.7	94	16.6	209.6	57.1	3.8	99
BIOGENE BG76V09	106	P250	1,2,3	19.4	207.0	55.7	1.0	97	8.5	4.0	58.0	17.2	191.0	55.9	1.0	100	21.5	201.2	54.3	1.0	94	19.4	228.7 *	56.9	1.0	97
CROW'S 3848VT3	105	C250	1,2,3	17.0	202.8	56.4	0.9	96	7.8	3.9	59.1	15.7	190.7	55.8	0.3	98	20.0	206.1	55.9	1.0	91	15.4	211.6	57.4	1.3	100
CROW'S 4224VT3	106	C250	1,2,3	17.7	207.7	54.5	0.8	91	7.7	3.5	58.8	15.2	202.3 *	54.0	1.1	94	20.0	213.6 *	53.9	0.8	87	18.0	207.1	55.7	0.4	93
CROW'S 4354VT3	107	C250	1,2,3	18.9	212.7 *	55.5	0.3	99	8.5	4.0	57.5	17.4	197.3	55.1	0.3	100	21.2	208.6 *	54.8	0.3	99	18.0	232.3 *	56.6	0.3	98
DAIRYLAND STEALTH-4006	106	P250	1,3	16.6	211.5 *	55.4	0.7	98	7.8	3.8	59.5	15.9	192.8	54.8	1.0	96	18.5	205.8	54.9	1.0	97	15.4	235.9 *	56.5	0.0	100
DAIRYLAND STEALTH-6006	106	P250	1	16.1	206.2	55.3	1.6	97	8.4	3.8	58.5	15.5	188.5	55.1	1.6	97	18.4	212.7 *	54.7	2.5	93	14.4	217.5	56.1	0.7	100
DAIRYLAND STEALTH-8404	104	P250	2,4	17.3	199.5	55.4	0.5	97	7.9	3.8	58.7	15.7	177.0	56.2	0.3	98	19.5	200.7	54.2	0.0	98	16.8	220.8	55.8	1.3	96
DEKALB DKC50-19 (VT3)	100	P250	1,2,3	15.7	195.3	56.0	3.9	99	7.9	4.3	57.9	15.5	184.9	55.4	0.0	98	17.8	210.2 *	56.1	1.6	99	13.7	190.8	56.4	10.0	99
DEKALB DKC50-44 (VT3)	100	P250	1,2,3	16.4	204.4	56.1	2.5	99	7.9	3.9	58.6	15.6	190.4	55.4	0.7	99	18.6	218.0 *	56.0	0.3	100	14.9	204.9	56.6	6.6	98
DEKALB DKC52-43 (VT3)	102	P250	1,2,3	14.9	208.3	54.6	1.5	96	7.8	4.0	59.0	14.2	199.4	53.9	1.6	100	17.2	210.1 *	54.8	2.5	93	13.4	215.5	55.1	0.3	96
DEKALB DKC52-59 (VT3)	102	P250	1,2,3	15.4	213.7 *	55.7	1.0	99	7.6	3.8	59.0	15.0	195.3	56.2	0.7	100	17.7	224.4 **	55.3	0.3	97	13.6	221.5	55.6	1.9	100
DEKALB DKC54-16 (VT3)	104	P250	1,2,3	16.9	213.9 *	56.4	0.8	97	7.8	4.0	58.8	15.8	202.4 *	56.0	0.0	94	19.4	222.6 *	56.0	0.7	98	15.4	216.6	57.1	1.6	98
DEKALB DKC54-49 (VT3)	104	P250	1,2,3	15.7	204.6	57.7	1.2	96	8.0	4.0	57.7	15.2	196.6	56.9	1.9	96	17.2	203.7	57.8	0.0	93	14.8	213.6	58.3	1.7	98
DEKALB DKC55-24 (VT3)	105	P250	1,2,3	16.1	207.6	56.8	0.5	92	8.1	3.8	58.9	14.4	182.3	56.4	0.7	93	18.6	217.2 *	56.7	0.4	91	15.4	223.4	57.4	0.4	93
DYNAGRO 55V71	104	P250	1,2,3,14	16.8	202.7	55.2	0.4	92	7.9	4.5	57.9	16.4	201.7 *	54.4	0.0	96	19.0	192.2	54.9	0.4	82	14.9	214.3	56.3	0.7	97
DYNAGRO CX08908	107	P250	1,2	18.2	211.2 *	55.3	1.2	98	8.5	4.2	57.3	17.0	196.8	54.6	0.7	96	20.2	213.2 *	54.8	1.6	98	17.4	223.6	56.4	1.3	100
DYNAGRO V44RP83	104	P250	1,2,3	15.6	201.5	56.2	1.3	97	8.0	3.4	57.8	13.9	180.0	55.4	0.0	98	18.3	212.1 *	56.3	1.4	94	14.7	212.5	57.0	2.6	98
DYNAGRO V4683VT3	106	P250	1,2,3	18.3	206.6	56.9	0.9	98	7.9	3.5	59.8	16.8	210.1 *	58.0	1.3	98	21.2	207.6	55.5	0.0	98	16.9	202.2	57.3	1.3	98
G2 GENETICS 1H-005 HX/LL	105	P250	2,4	17.5	215.7 *	54.4	0.3	97	8.1	4.0	58.7	16.6	195.3	54.6	0.4	96	18.5	215.2 *	54.1	0.4	96	17.5	236.6 *	54.4	0.0	98
G2 GENETICS 1H-005A HX/LL	105	P250	2,4	17.9	220.1 **	54.1	0.7	95	8.1	3.7	59.1	16.9	209.6 *	53.8	1.4	94	19.0	224.4 **	54.2	0.0	95	17.9	226.2 *	54.2	0.7	97
G2 GENETICS 5H-506 RR/HX	105	P250	1,2,4	18.3	216.5 *	55.8	0.8	97	7.4	3.6	59.9	17.5	201.6 *	54.6	0.3	98	19.5	214.3 *	56.0	1.4	93	18.0	233.7 *	56.9	0.7	99
G2 GENETICS 5H-508 RR/HX	107	P250	1,2,4	18.6	210.8 *	57.9	1.2	89	8.0	3.4	59.3	18.1	201.3 *	58.7	0.3	90	20.2	203.9	55.5	1.6	81	17.5	227.3 *	59.4	1.6	95
GREAT LAKES 5416G3VT3	104	P250	1,2,3	16.4	203.7	55.7	0.9	95	7.9	3.8	59.3	15.7	199.1	55.3	1.0	95	18.9	204.5	55.4	1.1	92	14.5	207.5	56.4	0.7	97
GREAT LAKES 5711G3VT3	107	P250	1,2,3	18.0	200.6	53.5	2.9	98	7.6	3.7	58.4	15.5	206.9 *	53.8	2.9	98	21.3	182.8	52.5	2.9	98	17.1	212.0	54.1	2.9	98
HYLAND SEEDS HLB337	105	P250	2	17.5	207.2	54.7	2.6	99	7.6	3.4	60.5	16.0	187.9	54.2	1.0	99	19.3	209.6 *	54.4	1.3	99	17.1	224.0	55.6	5.6	100
Midwest Seed Genetics 76485VT3	107	C250	1,2,3	18.9	215.6 *	55.6	0.9	97	7.7	3.8	58.8	18.0	208.7 *	55.0	1.7	91	20.5	206.9	54.9	0.3	99	18.1	231.3 *	56.8	0.7	100
MYCOGEN 2C598	107	C250	1,2,4	16.9	194.7	55.6	1.0	95	8.0	4.0	58.1	14.9	178.9	54.6	1.0	97	19.1	196.4	55.0	1.1	90	16.8	208.7	57.1	1.0	98
NuTech 0C-404 YGCB	104	P250	2	15.7	194.3	56.7	1.5	97	8.0	4.5	57.5	14.2	184.7	56.0	1.4	95	18.5	200.4	56.9	2.2	97	14.5	197.7	57.1	1.0	98
NuTech 0C-404A YGCB	104	P250	2	15.9	206.3	56.9	2.4	98	8.0	4.0	57.8	14.3	200.5	56.8	2.3	96	18.5	214.6 *	56.7	3.2	98	14.8	203.8	57.3	1.6	99
NuTech 3C-408 RR/YGCB	107	P250	1,2	18.6	205.2	56.9	1.3	92	7.7	3.8	59.0	16.7	190.6	56.0	0.3	94	20.6	198.2	56.3	2.2	88	18.5	226.7 *	58.5	1.4	93
NuTech 3P-708 RR/YGPL	107	P250	1,2,3	17.6	195.5	55.9	0.7	98	8.0	4.0	57.9	17.5	190.8	55.7	0.6	100	18.6	191.0	55.4	0.7	94	16.7	204.8	56.7	0.7	100
NuTech 3T-006A VT3	105	C250	1,2,3	17.2	194.5	56.0	1.5	90	8.9	4.2	57.0	15.6	184.2	55.9	0.8	89	20.0	187.5	55.5	0.7	89	16.1	211.7	56.6	3.0	92
NuTech 3T-208 VT3	107	P250	1,2,3	19.5	207.1	56.1	0.1	98	8.9	4.2	57.8	17.7	184.9	56.1	0.0	98	21.0	195.9	55.4	0.4	97	19.9	240.5 **	56.8	0.0	98
NuTech 3T-808 VT3	107	C250	1,2,3	17.7	203.8	56.3	1.5	95	8.4	3.8	58.4	16.5	185.3	55.6	0.3	94	20.1	214.3 *	55.8	2.9	94	16.6	211.8	57.5	1.3	98
NuTech 5X-008 RR/HXT	107	P250	1,2,3,4	19.6	201.2	54.3	0.2	98	8.0	4.0	59.3	17.7	192.1	54.5	0.7	99	22.3	204.5	52.9	0.0	94	18.7	207.1	55.4	0.0	100
PIONEER 35F40	105	P250	1,2,4,11,12,14	18.1	215.3 *	57.2	1.8	97	7.3	4.0	59.2	17.2	213.0 **	57.0	1.1	97	19.8	200.4	56.6	3.2	94	17.3	232.4 *	58.0	1.0	100

PIONEER 35H42	107	P250	1,2,4,11,13,14	17.5	211.6 *	58.7	0.9	98	7.6	3.5	59.3	16.7	205.1 *	58.2	0.6	97	18.9	200.6	58.2	1.9	99	16.9	229.2 *	59.7	0.3	99
PIONEER 36V53	102	P250	1,2,4	17.2	212.6 *	55.6	1.1	93	7.5	3.9	58.7	16.4	204.8 *	55.2	0.7	97	18.3	208.3 *	55.3	0.6	99	16.8	224.8 *	56.4	2.1	84
RENK RK692CBLRW	105	P250	2,3,4	16.9	183.5	55.8	1.5	87	8.0	4.0	57.9	15.0	184.2	55.0	0.3	94	19.9	161.3	55.7	3.0	73	15.7	204.9	56.8	1.1	93
RENK RK719VT3	106	P250	1,2,3	17.4	198.9	56.6	0.4	94	8.0	4.0	58.7	15.7	188.2	55.8	0.3	97	20.0	198.8	56.2	0.0	91	16.5	209.8	57.9	1.0	93
RENK RK770VT3	107	P250	1,2,3	18.8	206.4	55.6	1.1	90	8.4	4.2	58.0	17.0	203.9 *	55.7	1.0	92	21.1	200.4	54.6	1.7	87	18.4	214.9	56.5	0.7	90
RUPP 8XP73	106	C250	2,3,4	17.7	199.2	54.0	0.8	97	8.6	3.9	58.8	15.8	181.4	53.5	1.3	98	20.4	207.9	53.1	1.0	95	17.0	208.4	55.4	0.0	98
SEED CONSULTANTS SC10MT37	103	C250	1,2,3	16.9	195.9	57.7	0.9	93	8.1	3.5	59.2	15.9	192.3	58.3	0.7	99	19.3	187.9	56.3	2.0	87	15.4	207.5	58.4	0.0	94
SEED CONSULTANTS SC10VTT18	101	C250	1,2,3	16.4	211.7 *	55.2	0.1	98	8.6	4.0	57.9	15.3	193.6	54.6	0.0	100	18.8	218.3 *	55.0	0.3	94	15.1	223.2	56.0	0.0	100
SEED CONSULTANTS SC10VTT58	105	P250	1,2,3	19.2	208.5	55.4	0.6	91	8.4	4.0	57.6	18.1	191.5	55.0	1.0	95	21.2	209.9 *	54.7	0.0	88	18.4	224.1	56.5	0.7	89
SEED CONSULTANTS SCS10RR49	105	C250	1	18.2	207.8	59.3	1.1	89	7.7	3.7	59.1	17.5	204.3 *	59.3	1.4	92	19.6	199.2	58.5	1.8	86	17.5	219.8	60.1	0.0	89
SEED CONSULTANTS SCS10RR59	106	C250	1	17.2	203.0	59.9	1.1	96	7.7	3.7	59.2	16.7	193.9	59.6	1.3	96	18.1	198.0	59.3	0.3	96	16.9	217.0	60.7	1.6	97
SEED CONSULTANTS SCS10RR69	107	C250	1	16.8	205.3	57.1	1.0	98	8.0	3.9	58.3	15.7	196.8	56.5	1.0	100	19.4	202.9	56.1	0.7	94	15.4	216.2	58.6	1.3	100
STEWART SEEDS 6T226	106	P250	1,2,3	17.4	201.9	56.6	0.6	95	7.6	3.8	58.8	16.5	183.2	55.9	0.3	98	19.6	209.0 *	56.1	0.8	89	16.0	213.5	57.8	0.7	99
STEWART SEEDS 6T546	107	P250	1,2,3	18.4	207.7	56.1	0.8	98	7.5	3.9	59.3	17.7	193.5	55.2	1.3	98	20.3	211.9 *	55.9	0.0	97	17.3	217.6	57.3	1.0	100
STEWART SEEDS 6T672	107	P250	1,2,3	17.3	211.7 *	54.5	0.9	98	7.7	3.5	58.7	16.1	200.6	53.7	0.3	99	19.1	217.3 *	54.0	1.0	96	16.7	217.3	55.8	1.3	98
WELLMAN W2805VT3	105		1,2,3	17.3	202.8	56.9	0.6	98	8.0	3.7	58.8	16.6	191.7	56.7	0.3	100	19.8	209.6 *	56.3	0.7	95	15.5	207.1	57.6	0.7	100
AVERAGE				17.4	205.9	56.1	1.1	96	8.0	3.9	58.6	16.2	194.6	55.8	0.8	97	19.5	206.0	55.6	1.1	93	16.4	217.0	56.9	1.4	97
HIGHEST				19.6	220.1	59.9	3.9	99	8.9	4.5	60.5	18.1	213.0 **	59.6	2.9	100	22.3	224.4	59.3	3.2	100	19.9	240.5	60.7	10.0	100
LOWEST				14.9	183.5	53.5	0.1	87	7.2	3.4	57.0	13.9	177.0	53.5	0.0	89	17.2	161.3	52.5	0.0	73	13.4	190.8	54.1	0.0	84
CV (%)				5.3	6.2	1.7	239.2	5.0	5.4	7.8	1.5	5.9	5.2	2.1	138.1	4.0	3.6	6.8	1.9	160.9	6.0	6.5	6.4	0.9	241.5	5.0
LSD (5%)				0.7	10.2	0.8	0.5	4.0	0.5	0.4	1.0	1.1	11.8	1.4	1.6	5.0	0.8	16.4	1.2	2.4	8.0	1.2	16.2	0.6	4.9	5.0

¹ TM - XL Brand is distributed by Beck's Superior Hybrids Inc.

2 Year Averages 2008 - 2007				EARLY - TRIAL AVERAGE					% QUALITY			BRANCH - EARLY					CASS - EARLY					LENAWEE - EARLY				
BRAND / HYBRID	RM	TRT	TRAIT	%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
BECK 5244VT3	106	P250	1,2,3	18.8	223.4 *	57.5	2.4	98	8.5	3.6	58.9	16.8	216.5 *	57.8	2.6	100	20.1	234.8 **	57.3	0.9	94	19.6	218.8	57.3	3.7	99
CROW'S 3848VT3	105	C250	1,2,3	18.1	212.5 *	57.7	1.1	95	7.6	4.0	59.5	16.1	201.4	57.3	1.1	99	20.0	215.7	57.4	0.7	87	18.1	220.3	58.5	1.5	99
DAIRYLAND STEALTH-4006	106	P250	1,3	17.5	216.3 *	56.4	1.4	96	8.2	3.9	58.8	16.1	206.5	56.6	2.2	97	18.8	211.4	55.7	1.5	90	17.7	230.9 *	56.9	0.5	100
DAIRYLAND STEALTH-6006	106	P250	1	17.5	213.3 *	56.2	1.7	95	7.9	3.8	58.9	16.0	202.5	56.5	1.6	98	19.5	215.8	55.0	2.1	87	17.0	221.5	57.1	1.5	99
HYLAND SEEDS HLB337	105	P250	2	18.4	216.1 *	55.8	2.3	96	7.6	3.6	60.4	15.8	206.3	55.7	0.8	99	20.0	212.6	55.5	1.7	90	19.3	229.5 *	56.2	4.3	99
NuTech 3T-808 VT3	107	C250	1,2,3	18.8	213.4 *	57.3	2.0	94	8.3	3.6	59.3	16.8	204.2	57.7	1.0	97	19.9	215.6	56.9	2.4	85	19.6	220.4	57.4	2.6	99
PIONEER 35F40	105	P250	1,2,4,11,12,14	18.6	221.7 *	58.3	1.5	96	7.2	4.1	59.4	17.3	219.8 *	58.6	1.7	98	19.9	213.4	57.5	2.2	89	18.5	232.0 **	58.9	0.5	100
PIONEER 35H42	107	P250	1,2,4,11,13,14	18.5	223.5 **	59.6	1.6	99	7.7	3.6	59.5	17.2	221.1 **	59.8	1.3	99	19.6	220.8	59.0	1.6	99	18.8	228.6 *	60.0	1.8	100
SEED CONSULTANTS SC10MT37	103	C250	1,2,3	18.0	201.6	58.4	1.5	93	8.2	3.5	58.8	16.6	202.2	59.1	2.7	98	19.8	190.7	57.1	1.0	83	17.6	211.8	58.9	0.7	97
STEWART SEEDS 6T226	106	P250	1,2,3	18.5	211.4	57.7	1.0	94	7.5	3.9	59.3	16.5	199.5	57.5	1.0	99	20.6	212.9	57.1	0.6	85	18.5	221.8	58.4	1.5	99
STEWART SEEDS 6T546	107	P250	1,2,3	18.9	211.5	57.5	0.8	95	7.7	4.1	59.1	17.6	210.3	57.3	1.0	99	20.2	201.4	56.8	0.9	86	18.9	222.8 *	58.3	0.6	100
AVERAGE				18.3	215.0	57.5	1.6	96	7.9	3.8	59.3	16.6	208.2 *	57.6	1.5	98	19.9	213.2	56.8	1.4	89	18.5	223.5	58.0	1.7	99
HIGHEST				18.9	223.5	59.6	2.4	99	8.5	4.1	60.4	17.6	221.1 *	59.8	2.7	100	20.6	234.8	59.0	2.4	99	19.6	232.0	60.0	4.3	100
LOWEST				17.5	201.6	55.8	0.8	93	7.2	3.5	58.8	15.8	199.5 *	55.7	0.8	97	18.8	190.7	55.0	0.6	83	17.0	211.8	56.2	0.5	97
CV (%)				4.6	5.8	1.9	113.2	5.0	4.9	8.0	1.4	4.8	5.4 *	2.8	160.2	4.0	4.2	6.2	1.7	160.4	6.0	4.9	5.6	0.9	176.4	4.0
LSD (5%)				0.8	11.8	1.1	1.4	4.0	0.3	0.3	0.7	0.7	8.9 *	1.3	1.7	3.0	0.7	10.6	0.8	1.7	6.0	0.7	10.1	0.4	2.7	3.0

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

TABLE 1L.

BRANCH, CASS & LENAWEE COUNTY GRAIN TRIALS - LATE (108 Day and Later)

ZONE 1

2008				LATE - TRIAL AVERAGE					% QUALITY			BRANCH - LATE					CASS - LATE					LENAWEE - LATE				
BRAND / HYBRID	RM	TRT	TRAIT	%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 A6399VT3	108	P250	1,2,3	18.9	206.5	53.3	1.1	97	7.2	3.9	58.8	18.2	204.3	53.2	1.6	97	20.9	215.3 *	52.6	1.8	96	17.5	200.0	54.1	0.0	97
AGRIGOLD A6439VT3	109	P250	1,2,3	19.4	207.6	53.4	0.8	98	9.0	4.2	58.1	18.9	217.9 *	53.8	0.7	100	22.6	201.4	51.5	1.3	94	16.8	203.4	55.0	0.3	100
AGRIGOLD A6459VT3	109	P250	1,2,3	20.3	211.5 *	51.6	0.7	98	7.2	3.9	58.8	20.4	212.5	51.1	0.3	99	22.0	220.0 *	50.7	0.0	97	18.4	202.0	53.1	1.9	98
AGRIGOLD A6489VT3	112	P250	1,2,3,11	22.1	218.1 *	55.0	0.5	97	7.9	3.7	59.1	21.0	222.9 *	55.0	0.3	95	25.0	224.0 *	53.8	1.0	96	20.2	207.5 *	56.2	0.3	99
BECK 5335HXR TM 1	109	P250	1,2,3,4	19.7	200.6	58.7	0.4	99	7.2	3.3	59.7	19.8	207.8	58.6	0.3	100	20.7	205.1	57.7	0.3	99	18.7	189.0	59.7	0.7	99
BECK 5444VT3	110	P250	1,2,3	19.4	206.1	53.4	0.9	97	8.0	4.3	58.9	19.8	221.2 *	53.7	0.6	100	20.7	208.7	52.3	0.7	94	17.7	188.5	54.3	1.3	98
BECK EX0842VT3	110	P250	1,2,3	18.5	203.1	53.5	0.9	95	7.9	4.0	58.1	17.8	200.7	53.9	0.7	96	22.0	207.7	51.9	0.4	93	15.8	200.9	54.8	1.6	97
BIOGENE BG78V08	108	P250	1,2,3	18.7	202.4	54.1	1.8	98	7.4	4.0	59.7	18.6	197.1	53.8	0.7	100	19.5	205.2	52.7	1.4	95	18.0	204.9	55.8	3.2	98
BIOGENE BG80V08	109	P250	1,2,3	18.8	208.6	53.0	1.2	97	8.5	4.0	58.6	19.0	213.7 *	53.8	0.7	97	21.8	210.6 *	51.7	0.7	95	15.5	201.5	53.6	2.2	99
CROW'S 4688VT3	109	C250	1,2,3	19.2	204.8	53.4	2.0	99	7.7	4.0	58.6	18.6	198.0	53.2	1.6	100	21.6	212.3 *	51.5	1.0	98	17.3	204.2	55.4	3.3	99
CROW'S 4726Y	109	C250	1,2,3	18.7	199.8	55.2	1.6	98	8.0	3.8	57.7	17.5	194.9	55.3	0.3	99	21.3	205.5	53.0	1.3	95	17.3	198.9	57.2	3.2	100
CROW'S 4799VT3	109	C250	1,2,3	19.0	219.3 *	56.3	1.0	94	7.3	3.9	60.1	18.9	228.1 *	57.8	0.0	96	21.5	219.4 *	53.5	0.7	90	16.7	210.3 *	57.5	2.3	95
DAIRYLAND STEALTH-4009	111	P250	1,3	18.2	198.3	54.6	0.9	99	8.1	4.0	58.3	18.7	201.9	54.7	1.6	100	19.3	189.9	53.4	0.7	96	16.6	203.0	55.8	0.3	100
DAIRYLAND STEALTH-8208	108	P250	2,3,4	19.2	213.1 *	53.5	1.1	95	7.7	3.7	60.6	18.7	215.0 *	53.8	0.3	98	20.8	218.5 *	52.0	0.0	88	18.2	205.8	54.6	2.9	99
DAIRYLAND STEALTH-9009	111	P250	1,2,3	19.4	199.1	53.4	0.4	98	8.0	4.0	59.0	17.9	197.9	53.6	0.4	96	22.8	210.5 *	52.1	0.0	98	17.4	189.0	54.5	0.7	99
DAIRYLAND STEALTH-9410	110	P250	1,2,3	20.9	211.3 *	54.8	0.8	98	6.6	3.4	60.6	20.2	211.8	55.0	0.3	99	24.6	207.3	52.7	1.4	94	18.0	214.8 *	56.7	0.6	100
DEKALB DKC61-19 (VT3)	111	P250	1	20.0	215.0 *	54.1	0.8	96	7.7	3.8	59.7	21.0	221.4 *	53.3	0.7	98	23.2	213.1 *	52.8	1.0	93	15.7	210.4 *	56.3	0.7	96
DEKALB DKC61-69 (VT3)	111	P250	1,2,3	18.9	211.6 *	54.6	2.9	96	7.9	4.0	58.8	19.2	212.2	54.6	0.3	100	20.4	215.1 *	53.3	2.2	90	17.2	207.5 *	55.9	6.1	99
DYNAGRO 57V98	110	P250	1,2,3	19.0	211.2 *	56.3	0.5	97	6.4	4.0	60.8	19.2	208.7	55.9	0.0	98	20.2	220.1 *	55.8	0.3	95	17.7	204.8	57.1	1.3	98
DYNAGRO V4883VT3	108	P250	1,2,3	19.0	206.4	54.9	1.0	99	8.0	3.9	59.0	19.0	206.5	55.6	1.0	100	22.0	216.7 *	53.1	0.3	97	16.1	195.9	56.0	1.6	100
DYNAGRO X8093RP	109	P250	1,2,3	17.7	205.2	54.8	1.4	96	8.6	4.0	57.4	17.2	200.1	54.8	1.4	93	19.8	211.8 *	53.6	1.8	97	16.0	203.6	56.0	1.0	98
G2 GENETICS 1H-911 HX/LL	110	P250	2,4	19.8	204.3	57.0	0.8	98	7.9	3.6	59.6	19.8	210.7	56.9	1.0	98	21.3	207.4	55.7	1.3	97	18.4	194.7	58.3	0.0	99
G2 GENETICS 1X-911 HXT/LL	110	P250	2,3,4	20.7	217.1 *	57.0	0.9	94	7.5	3.4	60.6	22.2	228.5 *	56.9	1.7	94	20.8	223.1 *	56.5	0.3	94	19.0	199.8	57.6	0.7	94
G2 GENETICS 5H-508A RR/HX	108	P250	1,2,4	19.1	208.4	57.8	1.1	89	7.7	3.5	59.4	19.6	214.5 *	57.7	0.4	89	19.2	204.6	56.3	2.8	91	18.4	206.0	59.3	0.0	88
GREAT LAKES 6069G3VT3	110	P250	1,2,3	19.2	201.7	53.6	0.1	90	8.4	4.0	58.0	18.5	216.9 *	54.4	0.4	93	21.4	197.0	53.4	0.0	84	17.7	191.2	53.0	0.0	92
GREAT LAKES 6255G3VT3	112	P250	1,2,3	20.0	217.2 *	52.0	0.0	95	7.4	3.9	58.7	19.2	215.8 *	52.0	0.0	95	21.4	215.2 *	51.2	0.0	94	19.3	220.5 **	52.9	0.0	97
Midwest Seed Genetics 76804Y	109	C250	1,2,3	18.9	205.9	55.3	1.4	98	7.8	4.0	58.2	19.1	195.9	54.8	0.0	100	19.8	212.3 *	53.8	3.8	97	17.9	209.6 *	57.4	0.3	98
Midwest Seed Genetics 76865VT3	109	C250	1,2,3	19.8	212.6 *	53.1	0.9	99	7.4	4.0	59.1	20.5	207.0	52.5	0.3	100	22.0	215.6 *	51.4	0.0	100	16.9	215.1 *	55.4	2.3	98
Midwest Seed Genetics 76996VT3	109	C250	1,2,3	19.2	220.6 *	56.1	0.3	96	7.5	3.9	59.9	19.0	226.6 *	56.5	0.3	95	21.5	224.4 *	54.5	0.0	94	17.2	210.7 *	57.2	0.6	100
Midwest Seed Genetics 77012B	110	C250	1,2,3	20.6	209.1	54.0	0.6	94	7.3	3.6	60.0	21.5	219.5 *	52.9	1.4	91	21.9	197.5	53.5	0.0	93	18.5	210.4 *	55.6	0.3	97
MYCOGEN 2J669	110	C250	1,2,3,4	20.1	197.0	53.9	0.0	98	7.4	4.0	60.1	20.1	200.9	53.4	0.0	100	22.4	206.1	52.5	0.0	96	17.7	183.9	55.7	0.0	99
NuTech 3P-708A RR/YGPL	108	P250	1,2,3	19.2	201.2	55.0	0.7	96	8.4	4.2	57.9	18.5	195.5	55.7	0.4	95	21.2	204.0	53.0	1.3	97	17.9	204.2	56.3	0.3	97
NuTech 3T-109 VT3	108	P250	1,2,3	18.7	206.8	52.7	1.4	95	7.6	4.5	57.8	19.5	203.6	52.6	1.0	93	21.3	226.2 *	51.6	0.0	95	15.3	190.7	53.8	3.2	98
NuTech 3T-110 VT3	110	P250	1,2,3	19.3	219.1 *	53.7	0.9	96	7.3	3.7	59.2	19.4	228.8 **	53.6	0.0	98	21.7	225.7 *	52.3	1.4	92	16.9	202.9	55.1	1.3	98
NuTech 3T-209 VT3	109	P250	1,2,3	19.4	198.2	57.6	0.6	95	8.0	4.7	56.6	19.5	197.5	58.5	0.0	97	20.7	196.2	56.0	1.1	90	18.1	200.9	58.3	0.7	98
NuTech 3T-310 VT3	110	C250	1,2,3,11	18.8	209.5	53.1	1.5	99	8.5	3.9	58.8	18.4	223.3 *	54.3	0.7	99	21.2	211.9 *	52.9	1.0	98	16.7	193.2	52.2	2.9	100
NuTech 3T-310A VT3	110	P250	1,2,3	19.9	212.2 *	53.4	1.3	98	7.8	3.8	59.2	19.7	200.3	53.5	1.3	99	21.9	219.2 *	52.0	0.3	98	18.0	217.0 *	54.8	2.2	98
NuTech 3T-311 VT3	111	P250	1,2,3	19.9	195.9	54.9	0.8	94	7.7	3.8	58.6	20.0	205.6	55.6	0.0	96	22.5	191.2	53.0	0.6	90	17.3	191.0	56.1	1.7	96
NuTech 3T-510 VT3	110	P250	1,2,3	21.1	217.0 *	55.0	0.3	97	6.6	3.7	60.4	20.2	213.9 *	55.5	0.0	98	24.5	217.5 *	52.8	0.3	95	18.7	219.5 *	56.6	0.7	98
NuTech 3T-912 VT3	111	P250	1,2,3	21.9	215.6 *	55.3	0.9	95	7.0	3.4	60.6	22.5	219.7 *	54.6	0.7	93	22.7	207.0	54.3	1.6	96	20.4	220.2 *	57.0	0.3	96

PIONEER 34R67	109	P250	1,2,4,11,12,13	20.0	207.4	56.2	0.4	98	7.7	3.8	59.3	19.9	192.1	55.9	0.7	97	21.6	215.4 *	55.1	0.3	97	18.6	214.6 *	57.5	0.3	100
RENK RK829VT3	112	P250	1,2,3	19.4	206.1	54.0	0.9	98	8.0	4.0	58.6	19.2	217.8 *	53.9	1.0	100	22.1	203.8	53.9	1.3	94	16.9	196.6	54.1	0.3	99
RENK RK844VT3	112	P250	1,2,3	19.2	207.7	55.9	0.7	99	8.0	4.0	58.3	19.1	208.1	55.8	1.0	100	20.7	206.9	55.0	1.0	99	17.7	208.1 *	56.9	0.0	98
RUPP XR1791	108	C1250		19.1	213.5 *	57.3	1.0	96	7.1	3.3	60.5	20.5	214.1 *	57.0	1.7	94	19.9	219.7 *	55.2	1.0	99	16.9	206.6 *	59.8	0.3	96
RUPP XR8015vt	110	C250	1,2,3	18.9	200.7	53.6	1.3	97	8.0	4.0	58.6	19.2	208.3	54.1	0.0	98	20.7	194.0	52.3	1.0	93	16.7	199.9	54.5	2.8	100
RUPP XR8045vt	109	C250	1,2,3	19.0	209.5	54.1	1.3	95	8.1	4.5	57.9	18.5	206.9	54.3	1.3	96	21.2	216.3 *	52.3	0.7	91	17.2	205.4	55.7	1.9	99
SEED CONSULTANTS SC10H78	108	C250	2	19.3	209.7	57.5	0.4	96	7.5	3.4	60.0	20.4	212.6	56.8	0.0	96	20.0	209.5	56.6	1.1	96	17.5	206.9 *	59.1	0.0	97
SEED CONSULTANTS SC10MT87	108	C250	1,2,3	19.4	199.6	54.0	0.4	99	8.5	3.9	58.3	19.1	193.5	54.0	0.3	99	21.5	207.9	53.1	0.0	98	17.6	197.5	54.9	1.0	99
SEED CONSULTANTS SC10MT97	109	C250	1,2,3	18.4	202.9	53.8	0.5	98	7.3	4.0	58.9	18.1	199.0	53.8	0.0	96	21.3	209.7 *	52.3	0.0	98	15.9	200.1	55.4	1.6	99
SEED CONSULTANTS SC11HQ08	110	C250	2,3	20.0	197.4	54.0	0.6	96	7.9	4.0	58.4	20.7	193.3	53.1	0.3	99	21.9	193.8	52.8	0.4	90	17.5	205.2	56.0	1.0	98
SEED CONSULTANTS SC11YP07	110	C250	2,3	20.0	206.2	53.9	0.9	94	6.8	3.9	59.5	20.7	201.7	53.1	0.0	95	22.8	200.8	53.5	1.6	89	16.5	216.1 *	55.2	1.0	98
SEED CONSULTANTS SCS11RR09	109	C250	2,3	18.4	202.7	57.8	1.8	95	8.0	4.0	58.3	18.2	207.0	59.4	2.3	97	20.5	196.9	55.3	2.5	88	16.6	204.1	58.6	0.6	99
STEWART SEEDS 7K285	109	P250	1,2,3	19.3	203.4	55.8	0.7	93	8.4	4.2	59.2	19.1	202.0	55.7	1.0	95	21.2	204.5	54.9	0.7	90	17.6	203.6	56.9	0.3	95
STEWART SEEDS 7K456	110	P250	1,2,3	20.6	204.1	53.9	0.9	100	7.8	3.8	59.6	21.0	206.5	53.7	1.0	100	24.0	206.2	52.3	0.7	99	16.8	199.6	55.6	1.0	100
STEWART SEEDS 7T231	110	P250	1,2,3	19.0	210.0	52.7	0.7	97	7.5	4.0	58.9	20.9	213.7 *	52.0	0.7	99	21.5	216.8 *	51.3	0.3	95	14.5	199.5	54.8	1.0	98
STEWART SEEDS 7T630	110	P250	1,2,3	19.8	212.0 *	54.6	1.5	98	7.4	3.8	58.8	19.4	210.2	54.7	1.0	97	20.6	215.9 *	53.9	2.6	97	19.3	209.9 *	55.2	1.0	100
STEWART SEEDS 7T668	108	P250	1,2,3	19.6	221.7 **	54.5	0.9	98	7.0	3.5	60.7	18.1	221.2 *	55.7	0.3	100	23.3	226.4 **	52.0	0.4	93	17.5	217.5 *	55.7	1.9	100
STEWART SEEDS 8T755	112	P250	1,2,3	21.3	202.1	53.9	1.0	98	7.7	4.2	58.4	20.3	204.4	53.8	0.3	99	25.0	192.3	52.4	2.1	95	18.5	209.5 *	55.6	0.6	100
TRELAY 7T202	109	P250	1,2,3	20.1	217.7 *	54.7	0.7	97	7.5	4.0	58.9	19.9	213.4	54.8	0.7	99	22.5	219.3 *	52.9	0.4	93	17.9	220.4 *	56.5	1.0	100
TRELAY 7T630	110	P250	1,2,3	20.2	221.3 *	54.8	0.5	98	7.6	3.6	59.1	19.9	226.3 *	54.8	0.7	99	20.8	223.4 *	53.9	0.0	96	15.9	214.1 *	55.7	0.7	99
TRELAY 8T339	113	P250	1,2,3	19.1	205.4	54.0	3.0	100	7.5	4.0	58.4	19.1	199.0	54.4	2.2	100	22.3	206.9	51.8	1.0	100	15.9	210.3 *	55.9	5.7	100
WELLMAN W2810VT3	110		1,2,3	19.0	204.0	53.6	0.8	97	8.1	4.0	58.3	19.1	202.2	53.5	1.0	99	20.5	212.3 *	52.8	1.0	94	17.5	197.5	54.5	0.3	98
AVERAGE				19.5	208.0	54.6	0.9	97	7.7	3.9	59.0	19.5	209.2	54.7	0.7	97	21.6	210.3	53.3	0.9	95	17.5	204.4	55.9	1.2	98
HIGHEST				22.1	221.7	58.7	3.0	100	9.0	4.7	60.8	22.5	228.8	59.4	2.3	100	25.0	226.4	57.7	3.8	100	20.4	220.5	59.8	6.1	100
LOWEST				17.7	195.9	51.6	0.0	89	6.4	3.3	56.6	17.2	192.1	51.1	0.0	89	19.2	189.9	50.7	0.0	84	14.5	183.9	52.2	0.0	88
CV (%)				7.1	6.3	2.2	171.8	4.0	6.2	7.8	1.3	5.7	6.2	1.6	144.5	3.0	8.4	6.8	2.6	161.9	6.0	6.2	6.0	2.2	173.4	2.0
LSD (5%)				1.1	10.6	1.0	1.3	3.0	0.6	0.4	0.9	1.3	15.1	1.0	1.3	3.0	2.1	16.7	1.6	1.9	8.0	1.3	14.3	1.5	3.0	3.0

¹ TM - XL Brand is distributed by Beck's Superior Hybrids Inc.

2 Year Averages 2008 - 2007				LATE - TRIAL AVERAGE					% QUALITY			BRANCH - LATE					CASS - LATE					LENAWEE - LATE				
BRAND / HYBRID	RM	TRT	TRAIT	%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 A6459VT3	109	P250	1,2,3	20.0	222.5 **	53.4	1.4	99	7.3	4.2	58.5	18.6	221.1	53.3	1.5	100	21.4	228.2 **	52.8	0.7	97	19.9	218.1 *	54.0	1.9	99
BECK 5444VT3	110	P250	1,2,3	19.8	220.2 *	55.0	1.1	97	8.4	4.2	58.7	19.1	230.1 *	55.5	0.5	100	20.1	219.0 *	54.9	0.6	94	20.2	211.4 *	54.6	2.3	98
DAIRYLAND STEALTH-4009	111	P250	1,3	18.9	212.8 *	55.9	0.9	98	8.5	4.1	58.3	18.0	217.6	56.4	1.4	100	19.3	209.7	55.6	1.0	95	19.5	211.1 *	55.6	0.2	100
DAIRYLAND STEALTH-8208	108	P250	2,3,4	19.0	215.0 *	55.2	1.0	96	7.9	3.7	60.6	17.8	210.7	55.7	1.2	99	20.0	217.7 *	54.5	0.3	91	19.2	216.5 *	55.5	1.6	99
NuTech 3T-310 VT3	110	C250	1,2,3,11	19.4	222.3 *	55.0	1.4	96	8.6	4.2	58.7	18.2	231.9 **	55.9	1.2	98	20.5	217.6 *	55.2	1.1	91	19.5	217.3 *	53.8	1.8	99
RUPP XR8045vt	109	C250	1,2,3	19.3	212.9 *	56.2	1.4	96	8.1	4.3	58.2	17.9	205.1	56.6	1.3	98	20.7	220.6 *	55.2	0.9	91	19.4	213.0 *	56.8	1.9	100
SEED CONSULTANTS SC10MT87	108	C250	1,2,3	19.8	216.2 *	55.4	0.8	97	8.6	4.0	58.6	18.6	217.9	55.9	1.0	100	20.6	216.3	55.3	0.4	91	20.3	214.5 *	54.9	1.0	100
SEED CONSULTANTS SC10MT97	109	C250	1,2,3	18.8	213.3 *	55.4	1.7	96	7.6	4.4	58.4	17.5	207.2	55.4	2.5	98	20.3	215.3	54.9	1.3	91	18.7	217.5 *	55.9	1.3	99
STEWART SEEDS 7K285	109	P250	1,2,3	19.3	213.1 *	57.8	1.6	94	8.1	4.1	59.3	18.3	214.1	58.1	2.1	98	20.7	207.2	57.0	1.7	86	19.0	218.1 *	58.2	1.0	97
STEWART SEEDS 7K456	110	P250	1,2,3	20.5	216.9 *	55.6	1.2	98	7.9	3.9	59.4	19.7	215.9	56.1	1.5	100	22.2	216.1	55.0	0.8	95	19.7	218.8 **	55.8	1.3	100
AVERAGE				19.5	216.5	55.5	1.3	97	8.1	4.1	58.9	18.4	217.1	55.9	1.4	99	20.6	216.8	55.0	0.9	92	19.5	215.6	55.5	1.4	99
HIGHEST				20.5	222.5	57.8	1.7	99	8.6	4.4	60.6	19.7	231.9	58.1	2.5	100	22.2	228.2	57.0	1.7	97	20.3	218.8	58.2	2.3	100
LOWEST				18.8	212.8	53.4	0.8	94	7.3	3.7	58.2	17.5	205.1	53.3	0.5	98	19.3	207.2	52.8	0.3	86	18.7	211.1	53.8	0.2	97
CV (%)				5.4	5.8	1.8	160.9	5.0	5.1	7.4	1.2	4.6	5.4	1.3	185.4	3.0	6.4	6.3	2.2	157.4	7.0	4.7	5.5	1.8	143.3	4.0
LSD (5%)				1.0	12.0	1.0	1.6	4.0	0.3	0.2	0.6	0.7	9.4	0.6	1.6	2.0	1.1	11.0	1.0	1.4	6.0	0.7	9.5	0.8	1.8	3.0

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

TABLE 2E.

INGHAM, KENT & SAGINAW COUNTY GRAIN TRIALS - EARLY (101 Day and Earlier)

ZONE 2

2008				EARLY - TRIAL AVERAGE					% QUALITY			INGHAM - EARLY					SAGINAW - EARLY					*KENT - EARLY				
BRAND / HYBRID	RM	TRT	TRAIT	%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 A6225VT3	98	P250	1,2,3,11	19.8	198.0 *	53.1	0.2	99	9.0	5.0	57.3	15.7	169.5	53.4	0.0	100	23.8	226.4 **	52.7	0.4	97	20.2	233.1 *	55.3	0.7	99
AGRIGOLD A6279VT3	101	P250	1,2,3	22.3	192.1 *	54.3	0.5	98	7.8	4.3	59.6	17.3	169.7	56.9	0.7	98	27.2	214.4	51.6	0.3	98	21.1	216.3	56.4	0.3	98
BAYSIDE 5100RR	100	P250	1	21.2	202.3 **	52.4	0.4	100	8.4	4.3	58.5	16.4	178.9 *	53.9	0.7	99	25.9	225.7 *	50.9	0.0	100	21.8	245.5 *	53.7	0.0	97
BAYSIDE 5101YGCBBR	101	P250	1,2	22.2	186.0	51.8	0.2	100	8.0	4.3	59.2	17.0	176.1 *	53.4	0.0	99	27.3	195.8	50.2	0.3	100	23.6	236.2 *	52.3	0.0	96
BAYSIDE 5518RR	95	P250	1	20.6	185.1	53.3	0.7	98	8.0	3.8	60.1	16.1	170.6	54.9	0.0	97	25.1	199.5	51.6	1.4	99	20.7	225.0	54.3	0.0	95
BAYSIDE 6094YGCBBR	94		1,2	18.0	189.6 *	53.3	0.4	100	9.0	4.2	58.1	15.1	162.4	53.5	0.0	99	20.8	216.8 *	53.0	0.7	100	18.3	225.5	55.1	0.3	99
BAYSIDE 6096	96			21.2	185.0	52.4	2.1	97	7.6	3.4	61.0	16.3	158.3	54.2	3.5	98	26.1	211.6	50.5	0.7	96					
BAYSIDE 7098VT3	98		1,2,3	19.2	187.9	54.4	1.5	99	7.6	4.0	59.3	15.7	167.4	55.1	1.0	99	22.7	208.3	53.7	2.0	99	19.5	216.7	56.7	1.3	100
BAYSIDE 72001	101	C250		19.3	187.1	54.5	0.8	92	7.9	4.2	58.8	16.1	168.0	55.1	0.4	92	22.5	206.1	53.8	1.1	92					
CROPLAN 3688VT3	97	C250	1,2,3	19.0	188.5	53.7	0.0	99	8.0	4.3	58.8	15.3	168.0	54.2	0.0	98	22.6	209.0	53.1	0.0	100	19.4	222.4	55.1	1.3	99
CROPLAN 3724VT3	96	C250	1,2,3	20.1	186.1	53.3	0.2	98	8.0	5.0	59.0	17.0	163.9	54.0	0.3	97	23.2	208.3	52.5	0.0	98	19.9	220.6	55.0	0.0	97
CROPLAN 421VT3	101	C250	1,2,3	19.6	189.2 *	53.3	1.0	98	9.0	4.7	57.0	15.5	170.6	53.6	1.0	100	23.7	207.8	53.0	1.0	96	20.2	219.7	55.1	0.0	99
CROWS 1807VT3	97	C250	1,2,3	20.1	193.5 *	53.7	0.3	99	8.0	4.3	59.3	16.5	179.7 *	54.8	0.3	98	23.7	207.2	52.6	0.3	100	20.4	229.2	55.5	0.7	97
CROW'S 1928R	99	C250	1	20.8	185.8	52.2	0.8	100	8.5	4.5	57.8	15.6	158.2	53.6	0.6	100	25.9	213.3	50.8	1.0	100	22.5	233.9 *	53.3	0.3	100
DAIRYLAND STEALTH-9196	96	P250	1,2,3	19.6	185.0	53.8	0.2	100	7.7	5.0	59.4	16.6	163.9	54.3	0.3	100	22.6	206.1	53.2	0.0	100	19.3	225.1	55.5	0.6	100
DAIRYLAND STEALTH-9799	99	P250	1,2,3	20.3	197.1 *	52.9	0.0	99	9.0	4.7	57.7	15.3	174.4 *	53.7	0.0	100	25.3	219.7 *	52.1	0.0	98	20.2	225.4	55.4	0.3	97
DEKALB DKC45-79 (VT3)	95	P250	1,2,3	18.9	182.3	53.5	0.5	100	7.7	4.0	58.4	15.3	164.1	54.1	0.3	99	22.4	200.4	52.9	0.7	100	19.3	229.4	56.2	0.7	99
DEKALB DKC46-60 (VT3)	96	P250	1,2,3	18.8	185.6	53.8	0.2	98	8.0	4.0	58.2	16.0	168.8	54.2	0.3	99	21.6	202.3	53.3	0.0	97	18.9	217.9	56.0	5.4	98
DEKALB DKC48-46 (RR2/YGPL)	98	P250	1,2,3	18.7	194.0 *	54.0	1.2	100	7.6	4.0	59.9	16.3	178.1 *	55.0	1.6	100	21.0	209.8	52.9	0.7	99	18.9	232.3 *	55.7	0.6	99
DEKALB DKC50-19 (VT3)	100	P250	1,2,3	19.2	184.5	53.8	0.5	100	7.5	4.3	58.8	16.0	168.4	54.5	0.6	99	22.3	200.6	53.0	0.3	100	19.1	215.9	56.1	0.3	100
DEKALB DKC50-44 (VT3)	100	P250	1,2,3	20.1	188.3	53.4	0.7	100	7.4	3.8	59.5	16.8	170.2	54.0	0.7	100	23.4	206.4	52.7	0.7	100	20.3	235.7 *	55.1	0.7	99
DYNAGRO 54742	100	P250	1,2,3,4	20.6	183.2	53.8	3.8	98	7.6	3.9	60.7	17.0	161.2	55.3	3.9	97	24.1	205.2	52.3	3.6	99	22.3	230.7 *	54.1	0.3	99
DYNAGRO 54V78	96	P250	1,2,3,14	18.2	191.8 *	53.2	1.0	99	8.0	4.0	58.8	15.3	176.1 *	53.9	1.3	99	21.0	207.4	52.5	0.7	99	18.6	221.1	54.7	0.0	96
DYNAGRO 55V18	99	P250	1,2,3,14	19.8	187.7	54.9	0.7	97	7.9	4.0	59.8	16.9	175.2 *	56.2	0.3	95	22.7	200.1	53.5	1.0	99	20.2	226.1	56.9	1.4	93
DYNAGRO CX08097	97	P250	1	19.9	182.2	55.0	0.9	94	8.1	4.0	58.9	16.6	170.2	56.5	0.3	96	23.1	194.2	53.5	1.5	92	20.3	204.5	56.6	1.1	88
DYNAGRO V3883VT3	98	P250	1,2,3	20.5	186.8	53.3	0.5	95	9.0	4.3	57.7	15.5	168.4	54.2	0.6	95	25.5	205.2	52.3	0.3	95	20.5	223.6	55.7	0.0	90
FIELERS CHOICE NG6520	98	P250	1,2,3	19.3	189.0 *	51.6	0.5	100	8.0	4.0	58.5	15.3	163.5	52.2	0.3	100	23.2	214.4	51.0	0.7	100	19.9	232.6 *	53.0	0.3	100
G2 GENETICS 5H-298 RR/HX	96	P250	1,2,4	19.0	185.5	53.0	0.7	100	8.6	4.2	57.6	15.4	165.1	53.4	0.7	100	22.5	205.9	52.5	0.7	100	20.2	219.4	54.4	0.0	100
G2 GENETICS 5H-501 RR/HX	100	P250	1,2,4	21.8	201.1 *	53.3	0.0	94	7.9	3.7	60.3	17.7	181.3 *	55.3	0.0	92	25.8	220.9 *	51.2	0.0	96	22.8	217.6	51.3	0.0	90
G2 GENETICS 5H-702 RR/HX	101	P250	1,2,4	21.2	198.5 *	53.9	0.9	98	8.0	3.5	59.5	16.5	173.5 *	55.3	1.7	97	25.9	223.4 *	52.4	0.0	98	23.5	234.9 *	53.8	0.0	95
GREAT LAKES 4689G3VT3	96	P250	1,2,3	20.3	194.4 *	53.3	0.2	98	9.0	4.5	58.4	15.8	167.5	54.2	0.0	96	24.7	221.2 *	52.4	0.4	99	20.7	217.0	55.1	0.0	96
GREAT LAKES 4951G3VT3	99	P250	1,2,3	20.7	195.9 *	54.0	0.4	95	7.7	4.0	59.6	17.5	177.9 *	55.9	0.4	93	23.8	213.9	52.0	0.3	97	20.4	231.6 *	55.5	0.0	94
HYLAND SEEDS HLB49R	100	P250	1,2	21.9	183.9	52.3	0.4	100	9.0	3.8	58.1	16.5	161.9	53.8	0.7	99	27.3	205.8	50.8	0.0	100	21.6	221.6	54.3	0.7	100
HYLAND SEEDS HLCVR72	98	P250	1,2,3	20.3	194.8 *	54.4	0.6	97	7.8	4.3	59.0	17.7	190.6 **	55.8	0.7	96	22.9	199.0	53.0	0.4	97	20.2	219.5	55.9	0.7	96
HYLAND SEEDS HLCVR73	99	P250	1,2,3	20.6	198.3 *	54.8	0.2	98	7.3	3.9	59.8	17.8	187.5 *	56.4	0.0	97	23.4	209.1	53.2	0.4	99	19.4	226.7	56.7	0.7	96
HYLAND SEEDS HLCVR74	99	P250	1,2,3	21.0	184.5	51.5	0.2	100	9.4	5.0	56.7	15.1	156.1	52.8	0.0	100	26.9	212.8	50.2	0.3	100	24.3	221.9	51.8	0.0	100
LEGACY SEEDS L-3295VT3	96	P250	1,2,3	17.7	186.4	53.1	0.5	99	8.9	4.5	57.6	14.8	166.7	53.3	1.0	98	20.5	206.1	52.8	0.0	100	18.6	211.3	54.8	0.0	100
LEGACY SEEDS L-3750VT3	97	P250	1,2,3	20.3	193.7 *	54.3	1.0	99	7.8	4.3	59.2	17.6	181.6 *	54.9	0.6	98	22.9	205.8	53.6	1.3	100	20.1	218.6	56.4	1.0	98
LEGACY SEEDS L-4050VT3	100	P250	1,2,3	19.5	187.1	54.5	0.4	99	8.0	4.5	58.3	16.1	169.8	55.4	0.0	100	22.9	204.4	53.6	0.7	98	19.9	218.8	56.8	2.0	98
Midwest Seed Genetics 69704VT3	97	C250	1,2,3	19.9	187.2	53.1	0.2	100	9.0	4.3	57.6	15.3	159.6	53.7	0.3	100	24.4	214.7	52.5	0.0	100	20.3	226.8	55.2	0.0	100
Midwest Seed Genetics 69805VT3	98	C250	1,2,3	18.9	185.2	52.9	2.0	94	8.5	4.0	58.0	15.2	160.9	53.2	0.3	100	22.5	209.4	52.5	3.6	88	19.8	220.4	55.2	0.7	99
Midwest Seed Genetics 70006R	99	C250	1	21.4	188.5	52.2	1.2	99	8.5	4.5	58.2	16.7	159.1	54.1	0.3	98	26.0	217.8 *	50.3	2.0	100	21.0	228.0	53.7	0.0	99
MYCOGEN 2A517	101	C250	2,4	19.4	188.1	54.4	1.2	97	8.1	3.9	59.3	16.2	174.6 *	55.2	1.9	99	22.6	201.5	53.6	0.4	94					
MYCOGEN 2R428	96	C250	1,2,3	18.4	184.4	54.5	0.4	100	8.9	4.5	57.1	15.7	156.8	54.8	0.0	99	21.0	211.9	54.1	0.7	100	19.1	220.1	56.3	0.7	100
NuTech 1X-201 HXT/LL	100	C250	2,3,4	21.3	182.4	52.2	0.7	98	8.0	3.2	60.7	16.5	158.4	54.6	1.3	97	26.0	206.3	49.7	0.0	98					

NuTech 3C-300 RR/YGCB	98	P250	1,2	20.4	195.0 *	53.6	0.3	95	7.9	4.8	58.6	16.5	174.5 *	55.5	0.3	94	24.3	215.5 *	51.6	0.3	96	20.6	232.3 *	55.9	0.0	95
NuTech 3C-300A RR/YGCB	96	P250	1,2,3	20.6	193.1 *	53.1	0.7	96	7.9	4.2	59.2	16.5	172.1 *	54.8	1.0	94	24.6	214.1 *	51.3	0.4	97	20.3	227.9	55.9	0.7	96
NuTech 3P-302 RR/YGPL	101	C250	1,2,3	22.1	193.4 *	54.4	1.0	99	8.0	4.3	59.3	18.1	184.6 *	56.3	1.7	98	26.1	202.1	52.4	0.3	100	24.7	217.2	52.7	0.0	100
NuTech 3T-302 VT3	101	C250	1,2,3	21.7	196.1 *	53.7	1.5	93	9.0	5.0	58.0	18.2	183.6 *	55.4	2.2	97	25.1	208.6	52.0	0.7	88	23.1	223.9	54.0	0.3	100
NuTech 3T-500 VT3	99	P250	1,2,3	19.5	197.9 *	53.4	0.3	100	8.0	3.8	59.1	15.8	179.4 *	54.7	0.3	100	23.1	216.3 *	52.1	0.3	100	20.5	216.6	54.1	0.0	95
NuTech 3W-403 RR/YGRW	101	P250	1,3	20.1	190.6 *	52.4	1.2	93	8.1	4.0	58.8	16.0	167.3	53.8	1.0	92	24.2	213.9	50.9	1.4	94	20.9	217.6	53.8	1.9	91
PIONEER 37Y14	99	P250	1,2,3,4,11,12	19.3	188.1	54.5	0.0	97	7.9	4.0	59.6	16.7	177.3 *	55.9	0.0	94	21.9	198.8	53.0	0.0	99	20.7	217.1	54.8	0.3	100
RENK RK575VT3	95	P250	1,2,3	18.6	187.9	53.3	1.0	98	8.0	4.2	59.0	16.4	172.0 *	54.1	1.3	96	20.8	203.8	52.4	0.7	99	19.2	224.7	54.7	0.0	94
RENK RK584LLYGCB	99	P250	2,4	18.8	177.3	53.3	0.4	93	8.0	4.0	58.2	15.7	156.9	54.7	0.4	92	21.8	197.7	51.8	0.4	93					
RENK RK616VT3	101	P250	1,2,3	19.3	179.9	54.3	1.2	97	8.0	4.5	58.3	15.5	157.0	55.3	0.3	97	23.1	202.8	53.3	2.0	97	20.5	217.7	56.2	0.0	100
RENK RK670VT3	101	P250	1,2,3	22.3	197.1 *	52.1	1.8	100	8.0	4.2	59.1	17.0	178.6 *	54.1	2.8	100	27.5	215.6 *	50.1	0.7	100	23.4	241.5 *	52.6	0.0	100
RUPP XR8002vt	94	C250	1,2,3	17.8	180.2	52.9	0.4	99	8.4	4.2	58.0	14.9	159.9	53.1	0.0	99	20.6	200.4	52.6	0.7	99	18.4	225.1	54.7	0.0	100
RUPP XR8075	100	C250	1,2,3,4	20.6	186.3	52.6	0.9	100	8.5	4.0	58.8	15.3	171.2	53.6	0.0	100	25.8	201.3	51.5	1.7	99	23.9	225.7	53.0	0.0	93
RUPP XR8752	95	C250	1,2,3	19.2	186.7	54.0	2.2	98	8.0	3.9	60.1	15.6	164.3	54.3	0.6	99	22.8	209.0	53.7	3.7	97	19.6	222.4	57.0	1.3	100
SEED CONSULTANTS SC10VTT18	101	C250	1,2,3	21.2	191.0 *	52.3	0.2	99	8.4	4.0	58.3	16.5	164.3	52.8	0.0	100	25.8	217.7 *	51.7	0.4	98	23.6	231.2 *	52.1	0.0	99
SEED CONSULTANTS SC9VTT38	93	C250	1,2,3	18.3	192.7 *	52.9	0.7	98	9.0	4.7	57.5	14.9	176.0 *	53.6	0.0	98	21.6	209.4	52.2	1.3	98	18.6	211.6	54.1	0.3	100
STEWART SEEDS 4T435	94	P250	1,2,3	18.5	185.5	54.7	0.7	99	7.7	4.0	59.9	17.1	171.0	55.4	0.6	99	19.9	200.0	54.0	0.7	98	17.9	201.0	56.1	0.0	95
STEWART SEEDS 4T985	99	P250	1,2,3	19.2	184.0	54.9	0.7	100	8.0	5.0	57.6	15.9	164.2	55.6	0.7	100	22.5	203.8	54.2	0.7	100	18.8	224.3	57.2	1.0	100
STEWART SEEDS 5T429	101	P250	1,2,3	21.0	198.3 *	53.3	0.7	97	7.8	4.2	59.7	16.7	177.8 *	55.1	1.0	97	25.2	218.7 *	51.5	0.4	96	20.8	217.8	55.5	0.7	90
TRELA 4T105	97	P250	1,2,3	19.9	193.8 *	51.7	0.5	100	9.1	4.7	57.0	15.8	177.8 *	52.6	1.0	100	23.9	209.8	50.7	0.0	100	19.8	243.7 *	53.8	1.0	100
TRELA 4T722	97	P250	1,2,3	19.7	191.0 *	52.8	0.2	99	9.0	4.7	57.7	15.1	168.9	53.2	0.0	99	24.3	213.1	52.3	0.3	99	21.6	220.9	54.5	0.3	100
TRELA 5T128	100	P250	1,2,3	20.6	193.0 *	54.0	1.0	100	8.0	4.0	59.1	16.1	167.5	55.1	0.3	100	25.1	218.5 *	52.8	1.7	100	21.7	247.0 **	54.7	0.0	99
AVERAGE				20.0	189.4	53.4	0.7	98	8.0	4.2	58.7	16.2	169.8	54.5	0.7	98	23.7	209.0	52.3	0.7	98	20.6	224.3	54.9	0.5	97
HIGHEST				22.3	202.3	55.0	3.8	100	9.4	5.0	61.0	18.2	190.6	56.9	3.9	100	27.5	226.4	54.2	3.7	100	24.7	247.0	57.2	5.4	100
LOWEST				17.7	177.3	51.5	0.0	92	7.3	3.2	56.7	14.8	156.1	52.2	0.0	92	19.9	194.2	49.7	0.0	88	17.9	201.0	51.3	0.0	88
CV (%)				5.1	7.1	1.5	200.1	4.0	6.2	7.0	2.1	7.4	9.6	1.8	216.9	3.0	3.4	4.7	1.0	184.5	5.0	4.6	5.6	1.8	258.9	3.0
LSD (5%)				1.0	13.3	0.8	1.4	4.0	0.6	0.3	1.4	1.4	19.1	1.2	1.7	3.0	1.0	11.6	0.6	1.6	6.0	1.3	17.5	1.3	1.8	5.0

* Kent County Plot mistakenly sprayed with Round up, non RR hybrids were destroyed and have no data to report. Kent data not included in trial average.

2 Year Averages 2008 - 2007				EARLY - TRIAL AVERAGE					% QUALITY			INGHAM - EARLY					SAGINAW - EARLY					KENT - EARLY				
BRAND / HYBRID	RM	TRT	TRAIT	%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 5100RR	100	P250	1	19.9	208.4 *	54.6	1.1	99	8.2	4.3	58.6	16.7	176.6	55.4	1.7	99	23.1	240.2 **	53.8	0.5	99	not published in 2007				
BAYSIDE 5518RR	95	P250	1	19.4	191.4	56.0	1.2	98	8.1	3.6	60.0	16.2	169.6	56.9	1.4	97	22.5	213.1	55.0	1.0	99					
BAYSIDE 6094YGCBBR	94		1,2	17.5	191.3	55.4	0.6	97	8.6	4.3	58.2	15.9	161.5	55.2	0.7	96	19.1	221.0	55.6	0.5	97					
BAYSIDE 6096	96			20.3	188.2	55.6	1.8	98	7.7	3.4	60.7	17.3	158.1	56.8	2.4	98	23.2	218.3	54.3	1.2	98					
CROWS 1807VT3	97	C250	1,2,3	18.9	204.0 *	56.1	0.6	99	8.2	4.1	58.9	16.6	185.7 *	56.6	0.7	98	21.2	222.3	55.6	0.5	100					
DAIRYLAND STEALTH-9799	99	P250	1,2,3	18.8	206.9 *	55.7	0.2	100	8.5	4.3	58.2	15.9	179.7	55.9	0.3	100	21.7	234.0 *	55.5	0.0	99					
DEKALB DKC46-60 (VT3)	96	P250	1,2,3	17.7	202.6 *	56.0	0.3	99	7.9	4.2	58.7	15.6	179.6	55.9	0.2	99	19.7	225.6	56.1	0.3	98					
DEKALB DKC48-46 (RR2/YGPL)	98	P250	1,2,3	17.3	204.5 *	56.2	1.6	100	7.9	3.9	59.5	15.3	177.8	56.6	1.4	100	19.2	231.1	55.8	1.8	100					
DYNAGRO 54T42	100	P250	1,2,3,4	19.7	195.9	56.5	2.7	96	7.7	3.7	60.5	17.3	169.0	57.4	2.8	95	22.0	222.7	55.5	2.5	97					
DYNAGRO 55V18	99	P250	1,2,3,14	18.7	202.6 *	57.6	0.9	98	8.2	4.2	59.0	16.7	182.2 *	58.2	1.0	96	20.7	222.9	56.9	0.7	99					
Midwest Seed Genetics 69704VT3	97	C250	1,2,3	18.6	197.5	56.0	0.5	100	8.6	4.2	58.0	15.8	169.6	56.0	0.7	100	21.3	225.3	55.9	0.2	99					
NuTech 3P-302 RR/YGPL	101	C250	1,2,3	21.1	210.3 **	56.7	0.9	97	8.4	4.4	58.6	18.6	192.1 **	58.0	1.5	97	23.5	228.4	55.4	0.3	97					
PIONEER 37Y14	99	P250	1,2,3,4,11,12	18.9	197.0	56.5	0.6	98	8.1	4.1	59.6	17.5	173.8	56.9	0.5	95	20.3	220.2	56.1	0.7	100					
SEED CONSULTANTS SC9VTT38	93	C250	1,2,3	17.1	198.2	54.9	0.9	99	8.3	4.3	58.3	14.9	176.6	54.9	0.8	98	19.3	219.7	54.9	1.0	99					
TRELA 4T722	97	P250	1,2,3	18.5	199.6 *	55.6	0.5	97	8.7	4.3	58.2	15.6	175.2	55.5	0.7	97	21.4	224.0	55.7	0.3	97					
AVERAGE				18.8	199.9	56.0	1.0	98	8.2	4.1	59.0	16.4	175.1	56.4	1.1	98	21.2	224.6	55.5	0.8	98					
HIGHEST				21.1	210.3	57.6	2.7	100	8.7	4.4	60.7	18.6	192.1	58.2	2.8	100	23.5	240.2	56.9	2.5	100					
LOWEST				17.1	188.2	54.6	0.2	96	7.7	3.4	58.0	14.9	158.1	54.9	0.2	95	19.1	213.1	53.8	0.0	97					
CV (%)				4.4	6.2	1.2	189.4	4.0	5.7	6.6	1.7	6.2	8.0	1.5	197.8	3.0	2.9	4.6	0.8	179.2	4.0					
LSD (5%)				0.8	11.7	0.6	1.4	4.0	0.4	0.2	0.8	0.8	11.3	0.7	1.3	3.0	0.6	8.1	0.4	1.1	4.0					

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

TABLE 2L

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

ZONE 2

2008				LATE - TRIAL AVERAGE					% QUALITY			INGHAM - LATE					SAGINAW - LATE					KENT - LATE [†]				
BRAND / HYBRID	RM	TRT	TRAIT	%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 A6309BIRWRR	103	P250	1,2,3	20.6	190.1 *	53.2	1.3	100	9.0	4.0	57.8	16.6	163.2 *	54.1	1.6	100	24.6	216.9 *	52.2	1.0	100	20.7	242.4 *	55.8	0.3	100
AGRIGOLD A6323CL	103	P250	5	23.3	202.5 *	52.1	1.0	100	7.3	4.0	59.5	19.0	179.7 *	53.6	0.6	99	27.5	225.2 *	50.6	1.3	100					
AGRIGOLD A6325VT3	104	P250	1,2,3	21.7	190.7 *	52.6	0.9	100	8.6	3.9	58.5	16.1	163.4 *	53.9	1.0	99	27.2	218.0 *	51.3	0.7	100	21.4	245.3 *	54.0	1.0	96
BAYSIDE 2103	103			23.3	195.9 *	52.1	0.5	99	8.0	3.6	59.6	17.7	178.1 *	54.2	0.3	99	28.8	213.7	50.0	0.7	98					
BIOGENE BG72V09	102	P250	1,2,3	23.0	189.9 *	53.6	0.6	97	9.4	4.0	57.7	17.4	167.5 *	55.8	0.7	96	28.6	212.2	51.3	0.4	97	24.1	235.1 *	53.9	0.7	98
CROPLAN 5338VT3	105	C250	1,2,3	22.0	189.1 *	52.5	0.2	100	8.4	4.0	57.8	16.8	159.3	54.1	0.3	100	27.1	218.8 *	50.8	0.0	100	22.2	255.4 **	54.5	0.0	98
CROW'S 3626VT3	105	C250	1,2,3	22.3	190.2 *	52.7	1.3	100	9.0	4.2	57.7	16.5	176.8 *	54.3	1.9	100	28.0	203.6	51.0	0.7	100	20.5	232.9	53.7	1.0	100
CROW'S 3848VT3	105	C250	1,2,3	21.8	168.2	52.7	3.7	100	7.5	4.0	59.6	16.4	142.5	54.6	6.6	100	27.2	193.9	50.8	0.7	100	23.4	231.1	54.4	0.3	99
CROW'S 4224VT3	106	C250	1,2,3	23.7	189.6 *	51.2	0.8	98	7.9	3.4	59.2	18.0	166.9 *	52.9	1.3	97	29.4	212.3	49.5	0.3	99	25.5	237.6 *	51.3	0.3	96
CROW'S 4354VT3	107	C250	1,2,3	25.7	196.8 *	51.5	0.9	99	8.4	4.3	58.2	19.7	173.6 *	52.7	1.0	98	31.7	220.0 *	50.3	0.7	100	26.5	246.9 *	51.6	0.3	100
DAIRYLAND STEALTH-4006	106	P250	1,3	22.6	194.4 *	52.0	1.2	100	9.0	3.8	58.4	16.9	167.0 *	53.6	1.3	100	28.2	221.8 *	50.4	1.0	100	21.6	241.3 *	53.2	0.3	100
DAIRYLAND STEALTH-8404	104	P250	2,4	23.4	182.9	50.6	0.9	99	8.1	3.8	60.0	17.9	165.3 *	52.3	0.7	99	28.9	200.5	48.9	1.0	99					
DAIRYLAND STEALTH-9002	102	P250	2,4	21.2	187.1	51.2	1.1	93	8.5	4.0	58.6	16.4	168.8 *	52.1	1.1	91	25.9	205.3	50.2	1.1	95					
DAIRYLAND STEALTH-9902	102	P250	1,2	21.2	186.9	53.1	0.5	96	7.8	4.0	59.5	17.1	163.9 *	54.6	1.0	94	25.3	209.8	51.5	0.0	97	18.7	235.5 *	55.9	0.3	98
DEKALB DKC52-43 (VT3)	102	P250	1,2,3	21.2	205.7 **	52.2	0.2	100	7.8	4.0	59.1	17.0	186.7 *	53.4	0.3	100	25.3	224.6 *	51.0	0.0	100	17.8	223.8	53.6	0.6	100
DEKALB DKC52-59 (VT3)	102	P250	1,2,3	20.8	193.5 *	51.9	0.0	99	9.1	3.9	57.7	16.2	172.1 *	52.4	0.0	99	25.3	214.9	51.3	0.0	99	19.8	233.9 *	54.1	0.7	100
DEKALB DKC54-16 (VT3)	104	P250	1,2,3	21.6	182.6	52.5	0.2	98	8.1	4.0	58.7	16.9	158.7	54.1	0.3	98	26.3	206.5	50.8	0.0	98	19.5	246.7 *	54.3	1.3	99
DEKALB DKC54-49 (VT3)	104	P250	1,2,3	21.8	197.6 *	53.9	0.5	100	8.6	4.7	56.9	17.6	183.0 *	55.4	1.0	99	25.9	212.2	52.3	0.0	100	20.2	246.3 *	56.3	0.0	99
DEKALB DKC55-24 (VT3)	105	P250	1,2,3	21.7	190.0 *	53.2	0.2	96	8.0	4.2	58.8	16.0	159.5	54.6	0.4	94	27.4	220.4 *	51.7	0.0	98	20.1	226.8	56.0	0.4	95
DYNAGRO 55V71	104	P250	1,2,3,14	22.9	197.0 *	52.3	0.3	98	9.0	4.0	57.2	17.3	169.0 *	53.6	0.3	96	28.5	225.0 *	50.9	0.3	100	21.3	210.0	51.3	1.0	99
DYNAGRO 57V98	110	P250	1,2,3,14	23.5	185.1	50.1	0.9	93	7.8	4.3	59.1	19.2	162.1 *	49.4	1.8	90	27.7	208.1	50.7	0.0	96	22.8	236.6 *	53.9	0.4	94
DYNAGRO CX08908	107	P250	1,2	25.4	197.2 *	50.7	0.8	100	9.0	4.0	56.8	20.1	168.5 *	52.4	1.6	99	30.7	225.8 *	48.9	0.0	100	25.2	233.7 *	51.5	0.0	99
DYNAGRO V4393VT3	103	P250	1,2,3	21.6	186.5	53.1	0.2	98	8.5	4.2	57.8	16.8	163.3 *	54.6	0.0	96	26.4	209.7	51.6	0.3	100	19.3	219.6	55.5	0.7	98
DYNAGRO V44RP83	104	P250	1,2,3	22.2	187.7	52.1	1.2	100	8.9	3.7	57.6	16.6	171.2 *	53.5	1.0	100	27.7	204.1	50.6	1.3	100	20.6	240.5 *	55.3	0.0	98
FIELERS CHOICE NG6583	102	P250	1,2,3	22.5	197.9 *	52.9	0.6	89	7.3	4.0	60.6	18.8	181.3 *	55.5	0.0	87	26.2	214.4	50.2	1.1	91	20.5	242.7 *	56.4	0.4	94
FIELERS CHOICE NG6686	107	P250	1,2,3	22.5	178.9	52.8	1.2	100	8.1	4.0	59.2	17.8	157.1	54.8	1.3	100	27.1	200.7	50.8	1.0	100	23.2	223.8	54.2	0.7	100
G2 GENETICS 1H-005 HX/LL	105	P250	2,4	25.9	201.8 *	50.2	0.6	97	7.7	3.7	60.6	20.2	176.2 *	51.3	0.7	95	31.5	227.3 *	49.1	0.4	99					
G2 GENETICS 1H-005A HX/LL	105	P250	2,4	25.4	201.2 *	50.2	0.2	98	8.0	4.0	58.7	18.3	178.7 *	51.6	0.4	95	32.4	223.7 *	48.7	0.0	100					
G2 GENETICS 5H-506 RR/HX	105	P250	1,2,4	24.9	199.5 *	52.4	0.4	97	7.9	3.8	59.7	18.7	185.5 *	54.4	0.7	94	31.1	213.4	50.4	0.0	99	24.4	237.5 *	52.4	0.0	98
G2 GENETICS 5H-508 RR/HX	107	P250	1,2,4	26.1	196.2 *	54.9	0.4	93	8.5	3.7	59.1	19.1	174.1 *	57.0	0.4	92	33.0	218.2 *	52.8	0.3	94	27.0	246.4 *	54.6	0.0	91
G2 GENETICS 5H-906 RR/HX	105	P250	1,2,4	25.3	198.1 *	55.0	0.9	100	7.3	3.5	60.2	20.0	175.2 *	57.2	1.0	99	30.6	220.9 *	52.8	0.7	100	25.1	234.1 *	52.6	0.3	100
GREAT LAKES 5306G3	103	P250	1,2,3	22.2	182.8	53.4	0.0	96	8.0	4.0	58.7	18.0	170.3 *	55.5	0.0	97	26.4	195.3	51.3	0.0	95	22.7	230.7	54.5	0.0	96
GREAT LAKES 5416G3VT3	104	P250	1,2,3	22.8	195.6 *	52.3	1.0	97	8.6	4.0	58.8	17.4	170.2 *	53.8	2.0	98	28.2	220.9 *	50.7	0.0	96	21.6	240.1 *	54.5	0.0	92
HYLAND SEEDS HLB337	105	P250	2	24.7	188.5	50.9	8.2	100	8.5	3.8	58.6	19.4	158.7	52.4	15.7	100	29.9	218.3 *	49.4	0.7	99					
HYLAND SEEDS HLB77R	105	P250	1,2	25.1	193.1 *	50.0	6.1	99	9.0	3.8	58.2	19.7	171.7 *	51.9	11.2	98	30.5	214.5	48.1	1.0	100	21.6	216.6	52.2	0.7	99
LEGACY SEEDS L-5350CBLLGT	104	C250	2,3,4	23.5	199.4 *	51.8	1.2	97	7.5	4.0	59.6	18.5	174.0 *	53.0	2.4	96	28.5	224.8 *	50.5	0.0	98	22.4	231.0	53.2	0.0	96
Midwest Seed Genetics 75145VT3	105	C250	1,2,3	22.5	185.9	52.1	0.2	100	9.0	3.8	58.3	15.9	155.4	53.8	0.3	100	29.1	216.4 *	50.4	0.0	99	23.2	235.9 *	53.9	0.3	97
Midwest Seed Genetics 76174VT3	106	C250	1,2,3	23.1	187.1	51.8	0.5	98	8.4	3.3	58.4	16.0	152.6	53.1	1.0	98	30.1	221.5 *	50.5	0.0	98	25.8	232.0	51.3	0.3	95
Midwest Seed Genetics 76485VT3	107	C250	1,2,3	25.8	190.7 *	51.8	1.4	100	8.4	4.3	58.1	18.3	155.1	53.2	2.5	100	33.3	226.2 *	50.4	0.3	100	27.0	240.2 *	51.3	0.7	100
MYCOGEN 2P535	103	C250	1,2,3,4	22.0	175.8	53.4	1.5	96	8.5	4.0	59.3	16.7	152.5	55.4	2.7	93	27.2	199.0	51.3	0.3	98	20.9	217.2	55.0	0.3	97

NuTech 0C-404 YGCB	104	P250	2	22.5	180.4	52.0	0.7	99	8.6	5.0	57.6	17.2	147.2	53.9	1.0	98	27.8	213.5	50.0	0.3	100						
NuTech 0C-404A YGCB	104	P250	2	22.5	187.2	52.3	1.6	100	7.6	4.7	58.6	18.7	159.5	54.0	2.5	100	26.3	214.9	50.6	0.7	100						
NuTech 3C-408 RR/YGCB	107	P250	1,2	25.7	197.1 *	52.9	0.2	96	8.1	3.7	59.6	18.7	174.3 *	55.2	0.4	95	32.6	219.9 *	50.6	0.0	96	26.5	249.3 *	53.6	0.3	97	
NuTech 3P-708 RR/YGPL	107	P250	1,2,3	26.6	179.5	51.2	0.0	100	7.9	4.0	58.3	18.6	167.7 *	53.5	0.0	99	34.5	191.3	48.8	0.0	100	26.6	240.9 *	51.0	0.0	98	
NuTech 3T-006A VT3	105	C250	1,2,3	23.8	182.9	51.9	0.6	90	8.6	4.0	57.2	18.4	159.7	54.1	0.7	90	29.2	206.1	49.6	0.4	89	20.7	223.8	53.7	1.1	88	
NuTech 3T-208 VT3	107	P250	1,2,3	26.5	184.8	51.8	1.2	98	10.0	4.2	56.8	19.9	158.7	54.1	2.0	95	33.0	210.9	49.4	0.3	100	26.9	241.4 *	49.7	0.7	100	
NuTech 3T-303 VT3	102	C250	1,2,3	22.9	185.6	51.5	0.5	98	8.6	3.9	57.8	16.6	165.0 *	53.3	1.0	98	29.1	206.1	49.7	0.0	97	22.5	232.2	54.1	0.0	98	
NuTech 3T-808 VT3	107	C250	1,2,3	26.9	177.4	51.7	0.5	100	8.0	3.6	59.2	21.2	147.9	53.9	0.6	100	32.5	206.8	49.4	0.3	100	24.1	222.9	52.3	0.7	100	
NuTech 5X-008 RR/HXT	107	P250	1,2,3,4	28.2	196.8 *	51.1	0.0	100	8.4	4.3	59.2	21.1	187.1 **	52.7	0.0	100	35.2	206.5	49.4	0.0	100	25.6	223.8	50.7	0.0	100	
PIONEER 35F40	105	P250	1,2,4,11,12,14	23.3	192.9 *	53.5	0.8	100	8.0	4.3	58.4	16.9	160.6	55.7	0.6	100	29.7	225.1 *	51.3	1.0	99	25.3	246.1 *	54.3	0.0	98	
PIONEER 35H42	107	P250	1,2,4,11,13,14	24.5	197.1 *	55.1	1.0	100	7.5	3.8	59.5	19.4	166.0 *	57.0	1.9	100	29.6	228.1 **	53.2	0.0	100	24.9	247.6 *	55.7	0.7	98	
PIONEER 36V53	102	P250	1,2,4	22.8	194.8 *	52.0	0.0	100	7.6	4.2	59.1	18.4	182.4 *	53.9	0.0	99	27.1	207.1	50.0	0.0	100	21.1	236.8 *	53.3	0.3	99	
RENK RK686VT3	102	P250	1,2,3	22.9	190.0 *	53.7	0.2	99	9.5	4.0	57.9	17.7	166.5 *	55.7	0.3	97	28.1	213.4	51.7	0.0	100	23.7	222.2	53.6	0.0	98	
RENK RK692CBLLRW	105	P250	2,3,4	23.8	179.9	51.5	0.4	92	9.0	4.0	57.8	16.8	153.1	53.4	0.3	94	30.8	206.6	49.5	0.4	90						
RENK RK698RRYGRW	104	P250	1,3	22.0	188.4	51.8	1.6	92	8.0	4.2	58.2	17.2	156.1	53.3	2.0	91	26.7	220.7 *	50.3	1.1	93	18.8	225.2	54.7	1.3	93	
RENK RK760RRYGCB	105	P250	1,2	23.7	197.1 *	53.6	0.3	99	8.9	4.5	57.7	19.0	175.6 *	55.8	0.3	98	28.4	218.6 *	51.3	0.3	100	24.4	218.3	54.8	0.3	97	
RUPP 8XP73	106	C250	2,3,4	26.2	180.1	50.0	1.2	99	8.9	4.0	58.6	20.5	148.5	51.6	2.3	98	31.8	211.6	48.4	0.0	99						
RUPP XR1634	104	C1250	5	23.8	193.7 *	51.7	2.6	98	8.1	3.9	59.3	18.6	169.1 *	53.4	4.1	97	29.0	218.2 *	50.0	1.0	99						
SEED CONSULTANTS SC10H27	102	C250	2	23.1	176.7	51.8	1.2	98	8.6	3.8	58.3	17.2	145.1	53.0	2.3	97	29.0	208.2	50.6	0.0	99						
SEED CONSULTANTS SC10MT37	103	C250	1,2,3	24.5	190.6 *	53.6	0.2	97	7.7	3.3	60.6	18.9	167.3 *	55.7	0.3	97	30.0	213.8	51.5	0.0	96	23.2	228.1	54.2	0.7	96	
SEED CONSULTANTS SC10VTT58	105	P250	1,2,3	27.3	189.9 *	51.0	0.2	91	9.0	4.2	57.3	20.8	169.3 *	53.0	0.0	90	33.7	210.5	49.0	0.4	91	27.1	244.3 *	50.6	0.0	97	
SEED CONSULTANTS SCS10RR49	105	C250	1	23.4	195.3 *	55.5	0.7	93	7.8	3.6	59.4	18.7	169.7 *	57.5	0.7	92	28.0	220.8 *	53.5	0.7	93	22.4	229.2	56.0	0.4	95	
SEED CONSULTANTS SCS10RR59	106	C250	1	23.5	191.6 *	56.0	1.1	99	7.5	4.0	59.1	18.2	174.2 *	58.2	1.9	99	28.7	208.9	53.8	0.3	99	23.9	227.8	56.8	0.7	98	
SEED CONSULTANTS SCS10RR69	107	C250	1	23.7	188.8 *	54.0	1.5	98	7.7	4.0	59.1	18.2	155.1	55.5	2.9	97	29.2	222.4 *	52.4	0.0	99	24.7	240.3 *	54.1	0.3	99	
AVERAGE				23.5	190.1	52.3	1.0	98	8.0	4.0	58.6	18.1	166.3	54.0	1.5	97	29.0	213.9	50.6	0.4	98	22.9	234.3	53.7	0.4	97	
HIGHEST				28.2	205.7	56.0	8.2	100	10.0	4.7	60.6	21.2	187.1	58.2	15.7	100	35.2	228.1	53.8	1.3	100	27.1	255.4	56.8	1.3	100	
LOWEST				20.6	168.2	50.0	0.0	89	7.3	3.3	56.8	15.9	142.5	49.4	0.0	87	24.6	191.3	48.1	0.0	89	17.8	210.0	49.7	0.0	88	
CV (%)				6.8	9.1	2.1	205.0	3.0	6.9	6.6	1.9	10.2	13.5	2.6	174.6	3.0	4.5	4.7	1.4	194.3	3.0	6.9	6.7	2.5	168.0	4.0	
LSD (5%)				1.6	17.1	1.1	1.9	3.0	0.7	0.3	1.3	2.2	26.2	1.6	3.1	3.0	1.5	11.7	0.8	0.9	4.0	2.2	22.1	1.9	0.9	5.0	

* Kent County Plot mistakenly sprayed with Round up, non RR hybrids were destroyed and have no data to report. Kent data not included in trial average.

2 Year Averages 2008 - 2007				LATE - TRIAL AVERAGE					% QUALITY			INGHAM - LATE					SAGINAW - LATE					KENT - LATE				
BRAND / HYBRID	RM	TRT	TRAIT	%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
CROWS 3848VT3	105	C250	1,2,3	22.3	190.6	55.3	2.6	99	7.6	3.9	60.0	19.4	160.4	56.3	4.1	99	25.1	220.8	54.3	1.0	99	not published in 2007				
DAIRYLAND STEALTH-4006	106	P250	1,3	21.9	207.2 *	54.1	2.0	97	8.6	3.9	59.0	19.3	171.4 *	54.4	2.1	96	24.4	242.9 *	53.7	1.9	98					
FIELDS CHOICE NG6686	107	P250	1,2,3	22.5	191.1	55.3	1.5	100	8.3	3.8	59.9	20.0	155.7	56.2	1.6	99	24.9	226.5	54.4	1.3	100					
HYLAND SEEDS HLB337	105	P250	2	23.7	211.5 *	53.2	5.7	98	8.4	3.7	59.2	21.1	177.4 **	54.0	10.8	98	26.3	245.5 *	52.4	0.5	98					
NuTech 3T-808 VT3	107	C250	1,2,3	25.8	198.8 *	53.8	1.5	98	8.8	3.7	59.1	23.4	167.0 *	54.7	0.8	98	28.1	230.5	52.9	2.2	98					
PIONEER 35F40	105	P250	1,2,4,11,12,14	22.0	211.8 **	56.0	0.7	98	8.0	3.9	59.4	18.8	177.1 *	57.0	0.8	98	25.2	246.4 **	55.0	0.5	98					
PIONEER 35H42	107	P250	1,2,4,11,13,14	23.4	210.2 *	57.2	0.7	100	8.0	3.7	59.8	20.6	176.9 *	58.1	1.4	100	26.1	243.4 *	56.3	0.0	100					
RUPP XR1634	104	C1250	5	22.3	204.7 *	54.0	2.1	98	8.4	3.9	59.3	19.6	173.7 *	54.5	2.7	97	24.9	235.6	53.4	1.5	99					
SEED CONSULTANTS SC10H27	102	C250	2	22.4	193.8	54.4	1.3	98	8.5	3.9	59.0	19.6	152.8	54.7	2.0	97	25.1	234.8	54.1	0.5	99					
SEED CONSULTANTS SC10MT37	103	C250	1,2,3	22.6	199.5 *	55.6	0.8	98	8.2	3.4	60.2	19.7	171.1 *	56.5	0.5	98	25.4	227.8	54.7	1.1	98					
AVERAGE				22.9	201.9	54.9	1.9	98	8.3	3.8	59.5	20.1	168.4	55.7	2.7	98	25.5	235.4	54.1	1.0	99					
HIGHEST				25.8	211.8	57.2	5.7	100	8.8	3.9	60.2	23.4	177.4	58.1	10.8	100	28.1	246.4	56.3	2.2	100					
LOWEST				21.9	190.6	53.2	0.7	97	7.6	3.4	59.0	18.8	152.8	54.0	0.5	96	24.4	220.8	52.4	0.0	98					
CV (%)				5.4	7.8	1.7	159.8	3.0	5.8	6.2	1.6	7.9	10.9	2.1	138.1	3.0	3.6	4.3	1.1	168.0	3.0					
LSD (5%)				1.2	14.9	0.9	1.6	3.0	0.4	0.2	0.8	1.2	15.2	0.9	1.8	3.0	0.8	7.8	0.5	0.7	3.0					

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

TABLE 3E.

HURON, MASON & MONTCALM COUNTY GRAIN TRIALS - EARLY (97 Day and Earlier)

ZONE 3

2008				EARLY - TRIAL AVERAGE					% QUALITY			HURON - EARLY					MASON - EARLY					MONTCALM - EARLY				
BRAND / HYBRID	RM	TRT	TRAIT	%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 5518RR	95	P250	1	23.1	198.9	51.4	0.8	97	8.9	3.7	58.7	24.4	212.8	51.2	0.3	96	23.0	190.2 *	50.7	1.0	100	21.9	193.8	52.4	1.0	94
BAYSIDE 6094YGCBRR	94		1,2	20.6	204.0 *	53.2	0.9	99	8.0	4.2	57.9	22.0	242.9 *	53.6	1.6	100	19.0	166.9	52.2	0.0	100	20.9	202.1 *	53.9	1.0	98
BAYSIDE 6096	96			23.1	206.5 *	51.8	2.1	99	8.0	3.5	59.1	23.2	220.4	52.0	0.6	98	23.0	183.9 *	50.9	0.7	100	23.0	215.3 **	52.5	5.1	98
BAYSIDE 7092YGPLRR	92	P250	1,2,3	20.1	198.0	54.3	1.4	95	8.0	4.0	58.3	20.5	224.6	54.8	3.6	87	19.0	168.4	53.0	0.3	100	20.7	201.0 *	55.1	0.3	98
CROPLAN 3688VT3	97	C250	1,2,3	22.2	202.5	53.1	1.0	98	9.0	4.0	57.4	24.0	225.8	53.1	1.3	95	21.4	184.0 *	52.4	0.3	100	21.2	197.8 *	53.7	1.3	99
CROW'S 1725VT3	95	C250	1,2,3	21.9	201.4	54.4	0.3	99	7.8	3.8	58.9	23.2	229.7	54.5	0.3	98	19.3	165.0	53.8	0.3	100	23.1	209.5 *	55.0	0.3	100
CROW'S 1807VT3	97	C250	1,2,3	22.6	207.2 *	52.3	0.4	99	9.0	4.2	57.6	25.4	235.1 *	52.0	0.7	100	20.8	181.4	51.7	0.0	100	21.7	205.0 *	53.1	0.6	98
DAIRYLAND STEALTH-9196	96	P250	1,2,3	21.3	204.0 *	53.5	1.3	99	8.0	4.0	58.1	21.9	220.0	54.0	1.3	98	20.8	188.6 *	53.0	0.7	100	21.1	203.5 *	53.6	1.9	99
DEKALB DKC41-60 (VT3)	91	P250	1,2,3	20.3	195.9	54.1	1.2	97	8.0	4.0	58.0	20.2	217.4	54.8	2.6	95	19.2	166.9	53.1	0.7	100	21.5	203.5 *	54.5	0.3	95
DEKALB DKC42-91 (RR2/YGCB)	92	P250	1,2,3	21.0	195.8	53.0	1.4	99	8.0	3.5	58.8	21.4	216.9	53.4	2.2	99	19.3	166.4	52.1	1.0	99	22.2	204.2 *	53.4	1.0	99
DEKALB DKC45-79 (VT3)	95	P250	1,2,3	23.5	202.6	52.2	0.7	99	8.1	3.7	57.7	24.5	226.9	51.8	0.7	100	22.2	191.8 *	52.2	0.4	99	23.7	189.2	52.6	1.0	99
DEKALB DKC46-60 (VT3)	96	P250	1,2,3	21.5	208.7 *	53.3	0.7	97	8.0	3.7	58.8	22.8	241.2 *	53.2	2.0	96	19.3	175.2	53.3	0.0	100	22.3	209.7 *	53.3	0.0	95
DYNAGRO 54V78	96	P250	1,2,3,14	21.0	202.4	52.7	1.4	97	8.5	4.0	57.8	22.7	237.3 *	53.1	2.2	94	19.4	171.9	52.3	1.6	100	20.8	198.1 *	52.8	0.3	96
DYNAGRO CX08097	97	P250	1	23.3	180.6	53.5	2.1	93	8.4	3.8	58.4	25.8	194.2	52.4	5.2	84	20.9	167.0	53.9	0.0	99	23.2	180.5	54.1	1.0	95
DYNAGRO V3573VT3	95	P250	1,2,3	20.8	198.5	52.9	1.5	97	8.0	3.8	58.8	22.2	229.4	53.3	2.6	94	19.2	166.8	51.8	0.3	100	21.1	199.4 *	53.5	1.6	96
DYNAGRO V3593VT3	95	P250	1,2,3	22.4	189.6	52.7	2.3	94	8.0	3.8	58.0	22.9	211.3	52.4	4.9	93	21.7	160.5	52.3	0.7	96	22.7	197.0 *	53.3	1.4	92
G2 GENETICS 5H-298 RR/HX	96	P250	1,2,4	24.3	197.3	51.0	0.5	98	8.5	3.5	58.2	26.1	222.4	50.7	0.3	97	22.9	168.4	50.9	0.3	98	23.8	201.0 *	51.5	1.0	99
GREAT LAKES 4415G3VT3	94	P250	1,2,3	21.5	204.1 *	53.4	0.9	96	8.5	4.0	57.5	22.5	228.7	53.6	0.7	96	20.8	180.2	52.8	0.7	95	21.1	203.4 *	53.9	1.3	97
GREAT LAKES 4481G3VT3	94	P250	1,2,3	22.1	196.3	54.2	0.5	88	8.1	3.4	59.0	22.6	224.5	53.5	0.7	84	21.0	181.3	53.5	0.8	95	22.7	183.0	55.5	0.0	86
GREAT LAKES 4689G3VT3	96	P250	1,2,3	23.1	208.8 *	52.5	1.4	95	9.0	3.9	57.4	26.1	228.3	52.1	0.3	91	21.0	186.4 *	52.6	1.0	98	22.1	211.8 *	52.8	3.0	95
HYLAND SEEDS HLB38R	92	P250	1,2	21.0	192.7	52.7	0.9	97	8.4	3.9	58.1	22.9	229.6	52.7	1.7	95	19.2	161.3	51.9	0.7	100	21.0	187.1	53.4	0.3	95
HYLAND SEEDS HLCVR54	92	P250	1,2,3	20.7	197.4	52.7	1.3	100	9.0	4.0	57.4	22.3	228.0	53.3	1.9	100	19.2	166.4	52.0	0.7	100	20.6	197.8 *	52.9	1.3	100
LEGACY SEEDS L-292VT3	92	P250	1,2,3	21.7	190.5	53.0	1.2	98	8.0	3.8	58.1	24.1	214.5	52.7	0.7	99	19.3	161.1	52.3	2.6	99	21.7	195.8	54.0	0.3	97
LEGACY SEEDS L-3295VT3	96	P250	1,2,3	22.6	191.5	51.5	1.7	98	8.0	3.2	59.2	22.8	221.5	51.7	0.7	98	21.0	176.3	49.9	1.3	100	23.9	176.8	52.9	3.2	96
LEGACY SEEDS L-3333VT3	95	P250	1,2,3	21.2	200.7	52.3	1.2	95	8.4	3.6	58.2	22.8	236.2 *	53.2	2.0	95	20.4	174.4	51.1	0.0	99	20.4	191.6	52.5	1.7	91
LEGACY SEEDS L-3750VT3	97	P250	1,2,3	23.1	200.9	53.4	0.8	98	7.8	3.9	59.0	25.0	222.3	52.7	0.7	97	21.1	185.9 *	53.9	1.4	98	23.1	194.5	53.6	0.3	98
Midwest Seed Genetics 69704VT3	97	C250	1,2,3	22.4	211.1 *	52.6	0.9	99	9.0	4.0	57.4	25.0	233.9 *	52.3	1.0	100	20.6	186.4 *	52.6	0.3	100	21.7	213.1 *	53.0	1.3	98
MYCOGEN 2D326	92	C250	1,2,3	20.4	190.8	53.8	1.8	96	7.8	3.6	58.9	21.1	210.1	54.1	3.3	91	19.4	166.1	52.5	1.7	99	20.8	196.3 *	54.8	0.3	98
MYCOGEN 2R428	96	C250	1,2,3	21.5	200.1	53.0	0.9	99	8.4	3.9	57.8	22.4	221.3	53.1	1.3	98	20.6	170.3	52.5	0.7	100	21.6	208.8 *	53.5	0.6	100
NuTech 1N-398 CB/LL/RW	96	C250	2,3,4	24.8	206.2 *	49.4	0.9	99	8.4	3.9	58.2	24.5	232.8	50.1	1.6	98	23.9	194.3 **	49.4	0.0	100	26.0	191.5	48.8	1.0	98
NuTech 3A-095 RR	94	P250	1	20.7	186.5	52.8	1.6	94	8.9	4.2	57.8	21.8	217.8	53.4	1.8	88	18.6	143.1	50.4	1.3	99	21.6	198.5 *	54.6	1.7	94
NuTech 3C-300A RR/YGCB	96	P250	1,2,3	25.9	202.3	50.8	0.5	94	8.0	3.7	58.8	27.5	219.0	50.3	1.1	87	23.1	186.0 *	50.7	0.4	99	27.1	201.9 *	51.4	0.0	96
NuTech 3P-494+ RR/YGPL	94	P250	1,2,3	20.3	189.5	52.8	2.7	99	8.0	4.0	57.5	21.5	221.5	53.7	2.6	98	18.9	161.7	51.9	0.7	100	20.5	185.3	52.7	4.7	100
NuTech 3T-096 VT3	95	C250	1,2,3	23.1	187.9	53.5	1.2	88	8.0	3.8	59.2	25.4	208.7	52.6	1.4	87	20.8	166.4	53.3	1.1	89	23.2	188.6	54.6	1.1	87
NuTech 3T-098 VT3	97	C250	1,2,3	22.9	205.9 *	52.7	1.0	96	9.0	3.9	58.1	26.2	232.1	52.3	0.4	93	20.0	185.8 *	53.2	1.0	100	22.6	199.9 *	52.5	1.7	94
NuTech 3T-098A VT3	96	C250	1,2,3	22.9	203.8	52.5	1.1	98	9.0	4.0	57.7	25.9	233.9 *	52.0	1.7	96	20.8	186.4 *	52.8	0.3	100	22.1	191.2	52.8	1.3	97
NuTech 3T-098B VT3	96	C250	1,2,3	23.1	213.6 **	52.8	1.0	98	8.9	4.3	57.3	26.5	243.7 **	51.8	1.3	97	20.5	192.2 *	53.3	1.0	100	22.2	204.9 *	53.3	0.7	97
NuTech 3T-393 VT3	93	P250	1,2,3	20.7	204.1 *	52.8	0.8	99	8.4	4.0	58.2	22.1	233.2	53.3	1.9	98	19.6	177.9	51.6	0.3	100	20.4	201.2 *	53.5	0.3	98
NuTech 3T-499 VT3	96	P250	1,2,3	22.2	199.1	53.2	0.9	97	8.0	3.7	58.7	25.1	231.9	53.1	0.3	94	19.9	172.5	52.6	1.6	100	21.5	192.9	53.8	0.7	96
NuTech 3T-995 VT3	95	P250	1,2,3,11	21.3	185.1	52.6	3.1	93	8.4	4.3	58.0	22.5	203.9	52.6	6.1	89	18.8	153.6	52.2	3.1	97	22.5	197.8 *	52.9	0.0	92

NuTech 5H-597 RR/HX	96	P250	1,2,4	25.9	196.7	49.3	1.3	94	8.5	4.0	58.9	27.5	221.7	49.4	2.1	92	25.0	181.0	48.2	0.7	98	25.2	187.4	50.4	1.0	93
PIONEER 38M60	94	P250	1,2,3,4,11	21.4	192.0	54.5	0.8	98	8.0	4.0	57.2	23.2	229.5	54.3	1.0	98	20.1	170.1	53.9	1.0	100	20.8	176.3	55.3	0.3	96
PIONEER 38N87	92	P250	1,2,4	22.3	191.7	51.8	0.6	100	8.6	3.7	57.9	24.1	228.9	51.6	0.6	100	21.0	158.1	50.4	1.0	100	21.8	188.1	53.3	0.3	99
RENK RK501YGCB	95	P250	2	21.1	192.8	53.5	1.9	94	8.5	4.0	57.6	22.2	221.5	53.1	1.4	89	19.2	159.9	53.0	2.7	98	21.8	196.9 *	54.5	1.7	94
RENK RK570VT3	95	P250	1,2,3	20.7	197.7	52.8	1.5	100	8.0	3.9	58.4	22.2	234.6 *	53.4	2.5	100	19.5	172.9	52.1	0.3	99	20.3	185.5	52.9	1.6	100
RENK RK575VT3	95	P250	1,2,3	23.0	192.9	51.2	0.7	97	8.6	3.5	58.9	24.1	225.7	51.5	1.0	98	21.3	175.5	50.1	0.7	99	23.7	177.5	52.0	0.4	95
RUPP XR8002vt	94	C250	1,2,3	20.5	197.9	52.7	1.6	98	8.5	4.0	58.0	21.8	229.3	53.2	3.5	100	19.1	162.8	52.2	0.4	96	20.6	201.6 *	52.6	1.0	99
RUPP XR8072	92	C250	1,2,3	21.3	183.0	53.1	1.5	87	8.0	3.8	58.1	22.5	207.7	52.9	3.4	84	19.7	161.5	52.9	1.2	90	21.6	179.8	53.6	0.0	88
RUPP XR8752	95	C250	1,2,3	23.2	202.8	53.4	1.3	100	8.0	4.2	58.5	25.2	221.9	52.5	1.6	100	21.2	181.2	53.6	1.3	100	23.1	205.4 *	54.1	1.0	100
SEED CONSULTANTS SC9VTT38	93	C250	1,2,3	20.6	200.4	52.9	1.8	98	8.4	3.9	57.7	21.8	232.8	53.4	3.5	99	19.5	172.4	52.4	0.3	98	20.5	195.9	53.0	1.6	96
STEWART SEEDS 4T435	94	P250	1,2,3	19.9	186.5	53.7	0.6	97	8.1	4.2	57.9	21.4	231.9	53.2	1.0	97	18.1	154.9	53.4	0.3	100	20.1	172.7	54.6	0.4	95
TRELAY 4T105	97	P250	1,2,3	22.3	212.6 *	51.0	2.0	99	8.5	3.9	58.0	23.1	234.5 *	51.2	3.8	99	22.0	192.3 *	50.4	0.0	99	21.8	211.0 *	51.3	2.2	99
TRELAY 4T722	97	P250	1,2,3	22.6	198.0	52.6	1.1	99	8.9	4.0	57.2	25.6	226.9	52.5	0.7	100	20.4	175.1	52.6	0.3	99	21.9	192.1	52.6	2.3	98
AVERAGE				22.0	198.3	52.7	1.2	97	8.4	3.9	58.1	23.5	225.1	52.7	1.8	95	20.5	173.5	52.1	0.8	99	22.0	196.1	53.2	1.1	96
HIGHEST				25.9	213.6	54.5	3.1	100	8.9	4.0	59.2	27.5	243.7	54.8	6.1	100	25.0	194.3	53.9	3.1	100	27.1	215.3	55.5	5.1	100
LOWEST				19.9	180.6	49.3	0.3	87	7.8	3.2	57.2	20.2	194.2	49.4	0.3	84	18.1	143.1	48.2	0.0	89	20.1	172.7	48.8	0.0	86
CV (%)				4.0	6.1	1.6	136.3	4.0	4.3	9.0	1.4	3.6	3.9	1.0	114.1	5.0	4.9	5.6	2.1	133.1	2.0	3.3	8.3	1.5	159.0	3.0
LSD (5%)				0.7	9.7	0.7	1.3	3.0	0.4	0.4	0.9	1.0	10.2	0.6	2.4	6.0	1.2	11.4	1.3	1.2	3.0	0.8	19.1	1.0	2.1	3.0

2 Year Averages 2008 - 2007				EARLY - TRIAL AVERAGE					% QUALITY			HURON - EARLY					MASON - EARLY					MONTCALM - EARLY				
BRAND / HYBRID	RM	TRT	TRAIT	%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 5518RR	95	P250	1	21.6	197.7	54.0	1.1	97	8.7	3.6	59.3	22.9	184.6	52.9	0.7	96	21.5	202.8	53.9	1.6	100	20.3	205.7	55.3	1.0	95
BAYSIDE 6094YGCBBR	94		1,2	19.5	207.2 *	55.2	0.6	99	8.3	4.3	57.9	21.1	213.3 *	54.7	0.8	98	18.4	195.1	55.1	0.3	100	19.0	213.3 *	55.8	0.6	99
BAYSIDE 6096	96			22.1	204.2	53.8	1.9	99	8.2	3.6	59.6	22.9	191.4	52.7	0.7	98	22.2	199.0	53.5	1.3	100	21.3	222.1 *	55.2	3.7	99
BAYSIDE 7092YGPLRR	92	P250	1,2,3	18.9	204.5	56.4	1.3	97	8.4	4.1	58.2	19.3	202.6	56.0	2.0	93	18.7	192.9	55.9	0.8	100	18.6	217.9 *	57.3	1.1	99
DAIRYLAND STEALTH-9196	96	P250	1,2,3	20.0	213.0 *	55.7	1.1	97	8.1	4.3	58.6	21.2	206.3	55.3	1.0	95	19.5	209.7 *	55.5	0.7	98	19.4	222.9 **	56.3	1.5	97
DEKALB DKC46-60 (VT3)	96	P250	1,2,3	20.4	214.3 *	55.4	0.8	98	7.8	3.8	59.1	22.1	218.5 **	54.7	1.2	98	19.1	202.2	55.5	0.7	99	20.0	222.1 *	56.0	0.5	96
GREAT LAKES 4415G3VT3	94	P250	1,2,3	20.0	212.5 *	55.8	0.8	97	8.2	4.2	58.3	21.1	217.4 *	55.2	0.7	97	19.4	202.9	55.7	1.0	97	19.4	217.2 *	56.5	0.7	97
HYLAND SEEDS HLB38R	92	P250	1,2	20.0	201.1	54.8	0.8	95	8.3	3.9	58.3	22.2	201.2	53.8	1.2	92	18.8	193.5	54.8	0.8	98	19.1	208.7	55.7	0.5	95
MYCOGEN 2D326	92	C250	1,2,3	19.2	202.6	56.1	1.4	98	8.0	3.8	58.7	20.1	197.7	55.5	1.7	95	18.8	198.6	55.6	0.8	99	18.7	211.4 *	57.1	1.6	99
MYCOGEN 2R428	96	C250	1,2,3	20.3	206.6 *	55.4	0.9	99	8.4	4.2	57.8	21.4	201.9	54.6	0.7	99	19.8	198.9	55.4	0.8	100	19.8	218.9 *	56.2	1.2	97
NuTech 3T-098A VT3	96	C250	1,2,3	21.4	217.7 **	54.9	0.7	98	8.4	4.2	58.1	24.2	218.1 *	53.3	0.8	96	19.6	213.0 **	55.7	0.2	99	20.3	222.0 *	55.7	1.0	98
NuTech 3T-393 VT3	93	P250	1,2,3	19.3	211.0 *	54.8	1.2	98	8.3	4.2	58.2	20.8	209.8	54.5	1.3	97	18.4	205.3 *	54.6	1.8	100	18.7	218.0 *	55.4	0.5	98
NuTech 3T-995 VT3	95	P250	1,2,3,11	20.3	204.0	54.7	2.1	96	8.1	4.2	58.3	22.3	196.2	53.5	3.4	95	18.7	196.8	55.0	2.3	98	20.0	218.9 *	55.7	0.7	96
SEED CONSULTANTS SC9VTT38	93	C250	1,2,3	19.4	206.5	54.8	1.3	99	8.2	3.9	58.4	21.3	208.7	54.0	1.8	99	18.4	199.8	55.1	1.0	99	18.6	211.1	55.3	1.0	98
AVERAGE				20.2	207.4	55.1	1.1	98	8.3	4.0	58.5	21.6	204.8	54.3	1.3	96	19.4	200.8	55.1	1.0	99	19.5	216.4	56.0	1.1	97
HIGHEST				22.1	217.7	56.4	2.1	99	8.7	4.3	59.6	24.2	218.5	56.0	3.4	99	22.2	213.0	55.9	2.3	100	21.3	222.9	57.3	3.7	99
LOWEST				18.9	197.7	53.8	0.6	95	7.8	3.6	57.8	19.3	184.6	52.7	0.7	92	18.4	192.9	53.5	0.2	97	18.6	205.7	55.2	0.5	95
CV (%)				3.5	5.6	1.4	153.5	4.0	4.1	8.1	1.3	3.8	4.6	1.2	137.0	5.0	3.9	5.1	1.5	143.6	2.0	2.7	6.9	1.3	174.1	3.0
LSD (5%)				0.7	11.1	0.7	1.7	3.0	0.3	0.3	0.6	0.7	8.2	0.5	1.7	4.0	0.7	7.8	0.7	1.0	2.0	0.5	11.6	0.6	1.6	3.0

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

TABLE 3L.

HURON, MASON & MONTCALM COUNTY GRAIN TRIALS - LATE (98 Day and Later)

ZONE 3

2008				LATE - TRIAL AVERAGE					% QUALITY			HURON - LATE					MASON - LATE					MONTCALM - LATE				
BRAND / HYBRID	RM	TRT	TRAIT	%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 5100RR	100	P250	1	26.3	212.4 *	50.1	0.3	97	9.0	3.9	58.2	29.2	237.5 *	49.5	0.7	94	23.9	202.9	50.7	0.3	100	25.7	196.8	50.0	0.0	96
BAYSIDE 5101YGCBBR	101	P250	1,2	27.3	201.8	48.9	1.3	99	8.5	4.2	58.1	29.6	232.3	49.5	1.3	99	25.0	186.1	49.2	0.0	100	27.2	186.9	48.0	2.5	99
BAYSIDE 7098VT3	98		1,2,3	23.5	195.5	53.1	1.0	99	8.1	4.2	58.7	25.2	223.9	52.4	1.9	100	21.9	178.2	52.9	0.7	100	23.3	184.5	53.9	0.3	98
CROPLAN 5338VT3	105	C250	1,2,3	26.8	207.4	50.3	0.5	100	7.9	4.0	59.4	28.5	244.7 *	49.8	0.7	100	24.8	177.3	50.8	0.3	100	27.2	200.2	50.2	0.6	100
CROW'S 1928R	99	C250	1	24.1	200.9	50.4	1.0	100	8.0	4.0	58.5	28.9	233.6	49.9	1.0	100	20.8	181.2	50.8	1.0	100	22.6	187.9	50.4	1.0	100
CROW'S 3626VT3	105	C250	1,2,3	29.1	197.9	48.6	1.3	99	9.0	3.6	58.9	30.0	234.9	49.2	1.6	98	27.0	189.0	49.6	0.3	100	30.3	169.8	47.1	1.9	100
CROW'S 3848VT3	105	C250	1,2,3	24.6	182.4	50.9	2.5	100	7.7	3.7	59.9	26.2	211.4	51.1	3.1	100	22.6	168.2	51.7	2.0	100	25.1	167.7	49.8	2.5	100
DAIRYLAND STEALTH-9002	102	P250	2,4	23.9	192.9	49.9	3.6	93	7.9	3.8	59.8	25.8	216.9	50.0	3.8	91	22.1	180.2	49.8	1.0	94	23.9	181.7	49.8	5.9	95
DAIRYLAND STEALTH-9799	99	P250	1,2,3	23.8	207.5	51.8	0.5	99	8.5	4.5	58.9	26.8	234.9	51.7	0.3	98	21.1	195.1	52.9	0.0	100	23.4	192.4	50.8	1.3	98
DAIRYLAND STEALTH-9902	102	P250	1,2	26.8	201.3	50.5	1.3	93	8.0	4.0	58.6	28.1	223.2	49.8	0.9	85	24.5	197.7	50.8	2.0	98	27.9	182.9	50.8	1.0	96
DEKALB DKC48-46 (RR2/YGPL)	98	P250	1,2,3	21.7	204.4	52.5	1.1	98	7.5	3.8	59.5	24.4	225.7	51.6	1.6	98	19.4	182.9	52.8	1.0	100	21.4	204.6 *	53.1	0.7	97
DEKALB DKC50-19 (VT3)	100	P250	1,2,3	22.3	207.2	52.9	1.6	100	7.6	3.7	59.5	23.2	227.5	53.0	2.5	100	20.3	179.6	52.8	0.3	100	23.4	214.5 **	53.0	1.9	100
DEKALB DKC50-44 (VT3)	100	P250	1,2,3	24.0	200.0	51.4	1.8	97	7.4	3.5	59.3	25.3	229.3	51.3	1.0	98	20.9	185.2	52.8	0.3	100	25.9	185.5	50.2	4.2	94
DEKALB DKC52-43 (VT3)	102	P250	1,2,3	22.8	214.1 *	50.8	0.9	99	8.1	4.0	59.2	25.3	247.3 *	51.5	0.7	100	20.7	188.9	50.4	0.7	100	22.4	206.0 *	50.6	1.3	98
DEKALB DKC52-59 (VT3)	102	P250	1,2,3	23.5	214.7 *	50.8	2.5	99	8.0	4.0	58.4	26.3	249.9 *	51.3	1.9	100	20.9	192.7	51.1	1.0	100	23.4	201.4 *	50.1	4.5	98
DEKALB DKC54-16 (VT3)	104	P250	1,2,3	26.3	198.3	50.2	1.0	97	8.0	4.2	58.3	27.2	237.2	50.0	0.7	97	23.9	178.3	51.5	0.0	100	27.7	179.4	49.2	2.3	94
DEKALB DKC54-49 (VT3)	104	P250	1,2,3	26.9	201.1	50.8	0.0	99	9.0	5.0	56.2	28.2	233.6	50.7	0.0	99	24.9	186.7	51.4	0.0	100	27.5	183.0	50.3	0.0	97
DEKALB DKC55-24 (VT3)	105	P250	1,2,3	24.4	206.3	51.9	0.7	94	7.9	3.8	60.3	27.0	240.1 *	51.8	0.7	97	21.5	190.1	52.9	1.0	92	24.6	188.6	51.0	0.4	93
DYNAGRO 54T42	100	P250	1,2,3,4	25.4	195.9	51.0	1.2	99	8.0	3.3	60.2	27.9	225.2	50.2	0.7	99	23.3	187.2	51.4	0.3	100	25.1	175.3	51.4	2.6	97
DYNAGRO 55V18	99	P250	1,2,3,14	23.9	190.1	53.4	1.1	96	8.1	4.0	59.0	25.2	222.8	53.0	0.0	95	22.0	168.6	53.6	1.0	98	24.4	179.0	53.6	2.3	96
DYNAGRO 55V71	104	P250	1,2,3,14	26.9	197.6	49.6	1.5	95	8.6	4.0	58.2	29.3	226.6	49.4	3.4	93	24.4	187.6	50.1	0.7	99	26.9	178.5	49.2	0.3	93
DYNAGRO 57V98	110	P250	1,2,3,14	27.1	194.2	50.0	1.1	93	8.0	4.5	58.6	29.2	233.9	50.0	1.1	89	24.8	179.3	50.6	1.0	99	27.2	169.3	49.4	1.1	91
DYNAGRO V3883VT3	98	P250	1,2,3	23.7	198.1	52.1	1.3	95	9.0	3.9	58.6	27.1	225.7	51.8	1.0	94	21.1	185.7	53.1	0.3	99	23.0	182.8	51.3	2.7	91
DYNAGRO V4393VT3	103	P250	1,2,3	26.6	194.7	50.8	0.5	97	8.4	4.2	58.1	27.4	225.8	50.8	1.3	98	25.4	177.8	51.0	0.3	99	27.0	180.6	50.6	0.0	95
FIELDERS CHOICE NG6520	98	P250	1,2,3	23.1	207.2	50.5	1.9	99	8.0	4.0	58.6	25.0	232.0	50.7	5.0	99	22.0	193.2	50.0	0.3	100	22.3	196.3	50.8	0.3	99
FIELDERS CHOICE NG6583	102	P250	1,2,3	26.6	206.1	50.8	1.4	93	7.6	3.4	59.7	28.5	235.3	50.4	1.8	90	24.0	197.1	51.3	1.1	96	27.3	185.9	50.6	1.3	92
FIELDERS CHOICE NG6686	107	P250	1,2,3	25.5	182.0	50.8	3.2	99	7.7	3.9	59.5	26.8	210.2	50.8	3.2	99	23.5	169.7	51.7	0.7	100	26.3	166.1	50.0	5.8	98
G2 GENETICS 1H-005 HX/LL	105	P250	2,4	28.4	210.5	47.9	1.7	97	8.6	3.1	59.6	34.4	230.0	48.1	3.9	98	24.6	204.2	47.8	0.3	96	26.1	197.4	47.8	1.0	97
G2 GENETICS 5H-501 RR.HX	100	P250	1,2,4	26.8	204.9	50.3	1.0	93	8.0	3.5	59.4	27.9	232.1	50.6	0.7	92	23.8	195.7	51.0	1.0	98	28.6	186.8	49.2	1.4	89
G2 GENETICS 5H-702 RR/HX	101	P250	1,2,4	26.1	216.6 *	50.8	0.7	96	8.0	3.4	59.2	28.3	247.5 *	50.6	1.0	91	24.5	209.3 *	50.9	0.0	99	25.6	193.1	50.8	1.0	97
G2 GENETICS 5H-906 RR/HX	105	P250	1,2,4	31.2	220.1 **	51.0	0.7	98	8.6	3.2	59.1	33.1	238.9 *	51.2	0.6	96	28.1	215.1 **	51.3	1.3	99	32.3	206.4 *	50.5	0.3	98
GREAT LAKES 4951G3VT3	99	P250	1,2,3	25.7	208.9	50.9	0.7	95	8.1	4.3	58.3	27.1	230.3	50.4	0.4	93	22.7	199.7	51.6	1.0	98	27.3	196.6	50.7	0.7	93
HYLAND SEEDS HLB49R	100	P250	1,2	27.1	199.6	50.0	1.7	99	7.7	3.7	59.7	29.1	228.1	49.9	2.8	99	25.7	185.5	50.9	1.3	100	26.5	185.2	49.3	1.0	98
HYLAND SEEDS HLCVR72	98	P250	1,2,3	24.6	191.4	52.0	2.1	96	8.4	4.3	57.8	26.3	203.9	51.3	2.8	92	22.9	175.5	52.3	0.4	99	24.5	194.9	52.3	3.0	96
HYLAND SEEDS HLCVR73	99	P250	1,2,3	24.2	205.6	52.9	1.0	98	7.5	3.7	59.6	25.7	224.8	52.6	2.6	96	21.9	189.9	53.1	0.3	100	25.0	202.0 *	52.9	0.0	97
HYLAND SEEDS HLCVR74	99	P250	1,2,3	27.3	206.6	49.1	0.5	100	8.9	4.0	57.6	30.2	230.3	49.1	1.6	100	24.7	194.0	49.4	0.0	100	27.1	195.6	48.7	0.0	100
LEGACY SEEDS L-4050VT3	100	P250	1,2,3	23.4	194.7	53.1	1.1	99	7.7	4.2	59.5	25.3	218.4	52.4	1.3	98	21.2	180.8	54.0	0.3	100	23.7	184.8	52.8	1.6	98
Midwest Seed Genetics 70006R	99	C250	1	24.9	195.5	50.0	1.1	98	8.0	4.2	58.5	28.1	233.3	50.1	1.3	98	21.9	179.3	50.7	0.3	99	24.6	173.9	49.3	1.6	98
Midwest Seed Genetics 75145VT3	105	C250	1,2,3	28.9	201.5	48.7	0.3	99	9.0	3.8	58.3	30.3	225.0	49.0	0.0	97	26.8	195.3	49.8	0.7	100	29.5	184.2	47.4	0.3	100
Midwest Seed Genetics 76126VT3	105	C250	1,2,3	25.0	179.9	50.6	1.7	100	7.7	3.7	59.5	26.8	215.1	51.1	1.6	100	23.2	171.4	50.9	1.3	100	24.9	153.3	49.9	2.2	100

NuTech 0C-404 YGCB	104	P250	2	23.2	189.0	50.3	1.8	99	7.7	4.3	59.3	25.2	220.1	50.9	3.2	98	20.7	174.6	51.5	0.3	100	23.8	172.3	48.6	1.9	99
NuTech 0C-404A YGCB	104	P250	2	23.8	193.3	49.6	1.0	100	7.5	4.0	60.5	25.1	239.2 *	49.9	1.3	100	21.0	174.9	51.3	1.0	100	25.3	165.8	47.7	0.7	99
NuTech 3C-300 RR/YGCB	98	P250	1,2	26.2	206.0	50.8	0.3	95	8.1	3.9	59.3	28.1	217.4	50.1	0.7	87	23.7	201.6	51.2	0.0	100	26.8	198.9	51.0	0.3	97
NuTech 3P-302 RR/YGPL	101	C250	1,2,3	27.9	204.1	50.1	0.6	99	9.1	4.0	58.0	29.9	236.3	49.9	1.0	98	25.6	193.1	50.7	0.7	100	28.2	182.9	49.6	0.0	98
NuTech 3T-302 VT3	101	C250	1,2,3	28.1	200.5	50.5	0.9	98	9.4	4.2	57.6	30.5	224.1	50.2	1.3	96	25.9	182.0	50.5	1.3	100	27.8	195.5	50.9	0.0	99
NuTech 3T-303 VT3	102	C250	1,2,3	27.7	191.5	48.8	0.6	97	9.0	4.0	56.9	30.6	216.4	48.7	1.0	93	25.1	179.0	49.4	0.0	100	27.5	179.2	48.3	0.7	98
NuTech 3T-500 VT3	99	P250	1,2,3	23.7	210.0	51.7	0.3	96	7.8	3.8	59.2	25.4	234.4	51.0	0.3	93	21.1	184.9	52.3	0.3	99	24.5	210.8 *	51.7	0.3	97
NuTech 3W-403 RR/YGRW	101	P250	1,3	24.6	200.4	50.7	2.1	91	7.8	3.4	60.4	27.1	236.1	49.8	1.7	91	21.8	193.7	51.8	2.6	92	24.8	171.3	50.5	2.1	90
PIONEER 36V53	102	P250	1,2,4	25.7	213.8 *	49.9	1.6	99	9.0	4.0	57.9	27.6	250.8 **	49.5	1.0	100	23.7	195.2	50.0	0.0	99	25.9	195.3	50.2	3.8	98
PIONEER 37Y14	99	P250	1,2,3,4,11,12	24.4	202.8	51.3	0.9	100	8.6	3.8	58.3	25.8	227.1	51.2	0.0	100	23.0	186.4	51.9	0.7	100	24.5	194.8	50.8	1.9	99
RENK RK584LLYGCB	99	P250	2,4	23.7	194.0	51.0	1.3	91	8.0	3.7	59.1	25.5	225.2	50.1	2.4	90	22.7	168.2	50.5	0.4	93	22.8	188.7	52.3	1.0	90
RENK RK616VT3	101	P250	1,2,3	23.4	194.3	53.4	1.0	98	7.7	3.8	59.5	25.2	217.8	52.6	1.9	99	22.0	180.8	53.5	0.4	99	23.1	184.3	54.0	0.7	97
RENK RK670VT3	101	P250	1,2,3	27.0	199.6	49.4	0.9	98	9.0	4.3	57.6	30.0	209.3	48.9	2.0	98	24.1	193.1	49.8	0.0	97	26.9	196.5	49.5	0.7	100
RENK RK686VT3	102	P250	1,2,3	28.5	201.8	50.3	0.0	97	9.0	3.7	58.1	31.4	229.7	50.0	0.0	92	25.6	192.9	51.0	0.0	100	28.4	182.8	50.0	0.0	98
RUPP XR8075	100	C250	1,2,3,4	26.3	188.8	50.3	3.5	97	8.5	3.5	59.8	29.7	219.3	49.4	3.2	96	24.0	179.4	50.5	1.0	100	25.3	167.7	50.9	6.2	96
STEWART SEEDS 4T985	99	P250	1,2,3	23.6	203.4	53.7	1.0	97	8.0	3.8	58.5	25.5	228.9	53.2	0.7	97	21.8	185.9	54.2	0.7	96	23.6	195.3	53.7	1.6	97
STEWART SEEDS 5T429	101	P250	1,2,3	27.0	204.8	50.7	1.6	95	8.1	3.8	58.9	27.9	237.6 *	50.6	3.5	93	24.6	191.8	51.0	1.0	99	28.4	185.0	50.4	0.4	93
TRELAY 5T750	99	P250	1,2,3	23.1	199.6	52.8	0.4	94	7.9	4.0	58.7	24.9	228.5	52.3	0.0	91	20.5	177.0	52.7	1.3	99	23.9	193.3	53.3	0.0	93
AVERAGE				25.5	200.8	50.8	1.2	97	8.0	3.9	58.9	27.6	228.9	50.6	1.5	96	23.2	186.5	51.3	0.6	99	25.7	186.9	50.5	1.5	97
HIGHEST				31.2	220.1	53.7	3.6	100	9.4	5.0	60.5	34.4	250.8	53.2	5.0	100	28.1	215.1	54.2	2.6	100	32.3	214.5	54.0	6.2	100
LOWEST				21.7	179.9	47.9	0.0	91	7.4	3.1	56.2	23.2	203.9	48.1	0.0	85	19.4	168.2	47.8	0.0	92	21.4	153.3	47.1	0.0	89
CV (%)				3.7	5.3	1.4	147.0	3.0	4.3	7.2	1.4	3.8	5.0	1.0	125.2	4.0	3.7	4.6	1.2	167.7	3.0	3.6	6.2	1.9	146.6	3.0
LSD (5%)				0.8	8.5	0.6	1.1	2.0	0.4	0.3	1.0	1.2	13.3	0.6	2.2	4.0	1.0	10.0	0.7	1.3	3.0	1.1	13.6	1.1	2.5	4.0

2 Year Averages 2008 - 2007				LATE - TRIAL AVERAGE					% QUALITY			HURON - LATE					MASON - LATE					MONTCALM - LATE				
BRAND / HYBRID	RM	TRT	TRAIT	%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
CROW'S 3848VT3	105	C250	1,2,3	24.4	204.7	53.5	1.6	99	8.1	3.8	59.5	25.7	205.4	52.5	1.9	98	23.4	204.5	54.3	1.0	100	24.1	204.2	53.8	1.9	100
DAIRYLAND STEALTH-9799	99	P250	1,2,3	22.1	216.1 **	54.4	0.6	99	8.3	4.3	58.7	24.7	214.0 *	52.9	0.3	98	20.6	215.6 *	55.7	0.3	100	21.1	218.7 **	54.7	1.3	98
DEKALB DKC48-46 (RR2/YGPL)	98	P250	1,2,3	20.6	208.2 *	54.7	0.9	98	7.9	3.9	59.1	22.7	203.4	53.3	1.1	99	19.6	203.4	55.0	0.5	99	19.4	217.9 *	55.9	1.2	97
DYNAGRO 54T42	100	P250	1,2,3,4	23.9	205.1 *	53.4	1.6	97	8.2	3.4	60.3	26.8	207.6	50.9	0.5	96	22.5	209.1	54.4	1.0	99	22.3	198.7	54.8	3.2	97
DYNAGRO 55V18	99	P250	1,2,3,14	22.1	203.3	55.9	0.8	97	8.2	4.0	59.1	23.7	199.6	54.4	0.2	97	21.1	203.1	56.5	0.8	99	21.5	207.2	56.8	1.5	96
FIELDERS CHOICE NG6686	107	P250	1,2,3	24.9	203.9	53.4	1.8	99	8.0	3.7	59.7	26.7	197.0	52.0	1.7	98	23.4	207.5	54.4	0.5	100	24.7	207.1	53.9	3.2	98
Midwest Seed Genetics 76126VT3	105	C250	1,2,3	24.6	206.4 *	53.4	1.0	100	7.8	3.7	59.8	26.5	208.6 *	52.2	1.0	99	23.5	207.5	54.2	0.7	100	23.9	203.1	53.9	1.4	100
NuTech 3P-302 RR/YGPL	101	C250	1,2,3	25.9	215.4 *	52.6	0.4	98	9.1	4.0	57.8	28.7	217.7 **	50.4	0.7	98	24.9	220.6 **	53.5	0.3	100	24.0	207.8	54.0	0.3	97
PIONEER 37Y14	99	P250	1,2,3,4,11,12	22.4	206.6 *	54.3	1.0	99	8.5	3.8	58.6	23.5	202.2	53.6	0.2	100	22.0	209.4	54.7	0.3	100	21.7	208.3	54.5	2.5	98
AVERAGE				23.4	207.7	54.0	1.1	98	8.3	3.8	59.2	25.4	206.2	52.5	0.8	98	22.3	209.0	54.8	0.6	100	22.5	208.1	54.7	1.8	98
HIGHEST				25.9	216.1	55.9	1.8	100	9.1	4.3	60.3	28.7	217.7	54.4	1.9	100	24.9	220.6	56.5	1.0	100	24.7	218.7	56.8	3.2	100
LOWEST				20.6	203.3	52.6	0.4	97	7.8	3.4	57.8	22.7	197.0	50.4	0.2	96	19.6	203.1	53.5	0.3	99	19.4	198.7	53.8	0.3	96
CV (%)				3.5	5.6	2.9	139.4	3.0	3.7	6.9	1.2	4.0	5.0	1.4	105.2	4.0	3.1	5.4	1.1	199.5	3.0	3.1	6.3	4.6	138.1	4.0
LSD (5%)				0.9	11.1	1.5	1.6	3.0	0.3	0.2	0.6	0.9	9.2	0.6	1.2	3.0	0.6	8.7	0.5	1.0	2.0	0.6	10.1	2.0	1.7	3.0

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

TABLE 4.

GRAND TRAVERSE, MENOMINEE (LATE) & OGE MAW COUNTY GRAIN TRIALS (80 - 94 Day)

ZONE 4

2008				TRIAL AVERAGE					% QUALITY			GRAND TRAVERSE					MENOMINEE					OGE MAW				
BRAND / HYBRID	RM	TRT	TRAIT	%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 1084HXRR	84	P250	1,2,4	22.7	140.1	52.4	14.2	95	7.4	3.6	59.2	27.0	139.2 *	49.5	14.1	94	19.8	119.2	53.5	27.0	105	21.2	161.8	54.1	1.5	87
BAYSIDE 1541RR	81		1	22.1	139.2	51.8	2.2	101	8.0	4.0	58.1	25.5	107.6	49.1	2.9	99	18.2	129.7	54.9	1.7	106	22.6	180.2 *	51.5	1.9	97
BAYSIDE 1582YGCRR	82		1,2	22.7	124.5	50.4	5.5	100	7.6	3.7	58.8	27.1	91.3	47.4	1.7	96	18.3	123.1	53.2	13.5	106	22.7	159.1	50.5	1.3	97
BAYSIDE 2090	90			22.7	120.7	50.8	1.3	99	7.8	3.6	58.8	27.4	102.1	47.4	1.0	94	19.5	108.4	53.1	1.8	105	21.3	151.6	51.9	1.0	97
BAYSIDE 3784GTCBLL	84	C250	1,2,4	31.7	139.7	46.5	1.8	97	6.8	3.5	59.8	36.8	116.1	44.8	0.7	93	28.4	130.2	45.7	4.1	105	29.9	172.9	49.1	0.7	93
BAYSIDE 7092YGPLRR	92	P250	1,2,3	25.5	137.9	49.8	1.5	100	6.9	4.2	58.8	32.7	111.7	46.2	2.6	97	21.0	140.3 *	52.7	1.0	106	22.9	161.6	50.4	1.0	98
BAYSIDE Super 80	80			21.2	117.8	50.1	5.0	101	7.5	4.8	57.6	25.2	82.5	46.6	6.3	99	17.2	109.8	51.7	6.7	105	21.2	161.2	52.0	1.9	98
DAIRYLAND STEALTH-7891	91	P250	1,2,4	22.6	121.4	48.5	9.2	95	7.4	4.3	58.1	26.5	97.4	44.9	13.1	93	19.8	124.7	49.9	1.8	99	21.6	142.2	50.6	12.7	92
DAIRYLAND STEALTH-9789	89	P250	1,2,3	24.5	153.7 **	49.8	3.2	98	7.7	4.0	58.1	30.8	122.7	46.6	1.0	94	21.0	147.5 **	50.9	7.6	104	21.7	191.0 **	52.0	1.0	95
DEKALB DKC33-54 (RR2)	83	P250	1	20.1	113.4	51.6	12.5	94	7.7	4.0	58.6	23.4	113.2	50.4	8.2	93	16.6	97.1	53.0	11.1	103	20.4	129.8	51.4	18.2	85
DEKALB DKC33-72 (RR2)	83	P250	1	20.4	124.0	52.9	5.2	101	8.0	3.8	57.8	23.0	126.1 *	51.0	1.3	100	18.4	119.5	55.3	7.0	107	19.7	126.3	52.3	7.3	97
DEKALB DKC35-19 (RR2/YGCB)	85	P250	1,2	20.4	126.3	51.9	7.0	99	7.3	3.8	59.0	22.6	115.9	50.8	1.6	97	17.7	131.7	53.9	13.7	107	20.9	131.3	50.9	5.6	94
DEKALB DKC38-89 (VT3)	88	P250	1,2,3	25.6	134.0	49.3	2.6	102	7.1	4.3	58.3	30.9	127.9 *	47.3	1.0	100	22.7	110.7	49.8	4.7	107	23.2	163.3	50.8	2.0	98
DEKALB DKC41-60 (VT3)	91	P250	1,2,3	24.3	137.5	50.1	2.7	94	6.9	4.0	58.4	29.3	122.8	46.6	0.7	93	21.5	134.4	52.0	5.8	103	22.1	155.4	51.7	1.5	87
DEKALB DKC42-91 (RR2/YGCB)	92	P250	1,2,3	24.2	145.5 *	49.0	2.0	102	7.1	4.0	58.3	29.9	121.8	44.9	1.6	99	20.7	131.4	50.6	4.0	107	22.0	183.2 *	51.4	0.3	99
DYNAGRO 51V89	87	P250	1,2,3,14	22.4	120.4	50.8	5.8	101	7.2	4.2	58.4	28.1	103.3	48.4	6.0	100	18.0	107.7	52.4	8.7	107	21.0	150.2	51.5	2.6	96
DYNAGRO 52V01	86	P250	1,2,3,14	22.3	138.5	50.1	4.0	93	7.5	3.6	58.5	25.6	140.2 **	48.1	0.0	87	18.5	120.5	51.1	2.5	103	22.8	154.7	51.0	9.5	90
GREAT LAKES 4041G3VT3	90	P250	1,2,3	23.4	140.0	50.3	1.2	93	7.4	3.8	58.3	28.6	117.6	47.0	0.0	88	20.0	126.1	51.9	2.2	99	21.7	176.3	51.9	1.4	91
GREAT LAKES 4415G3VT3	94	P250	1,2,3	25.5	136.2	49.4	1.4	95	6.9	4.3	59.2	33.2	112.2	45.9	2.1	93	21.2	125.4	51.4	1.1	101	22.2	171.0	50.8	1.0	90
GREAT LAKES 4481G3VT3	94	P250	1,2,3	24.5	144.6 *	50.7	2.3	90	7.9	3.9	58.0	29.2	113.3	47.7	1.1	88	22.4	142.9 *	51.9	4.8	96	21.9	177.6	52.5	1.1	85
HYLAND SEEDS HLB38R	92	P250	1,2	26.5	135.9	48.1	1.9	99	7.1	4.0	59.1	35.0	111.7	44.8	1.3	99	22.0	124.6	49.6	3.7	106	22.4	171.5	50.0	0.7	91
HYLAND SEEDS HLCVR54	92	P250	1,2,3	27.2	128.3	46.4	1.4	102	6.8	4.0	59.5	35.0	104.7	44.3	0.3	100	23.5	111.8	46.1	4.0	107	23.1	168.3	48.9	0.0	98
MYCOGEN 2D326	92	C250	1,2,3	25.1	138.7	49.1	1.7	97	7.2	4.0	58.9	30.8	112.5	46.3	3.1	93	23.1	132.9	50.3	1.0	103	21.5	170.8	50.7	1.0	96
MYCOGEN 2K154	83	C250	1,2,4	23.2	130.4	52.3	18.7	96	7.2	3.7	59.3	28.2	112.2	49.4	18.4	95	19.8	118.5	53.5	36.6	105	21.5	160.5	54.1	1.0	87
NuTech 1B-887 CB/LL	87	C250	2,4	22.1	134.0	48.8	4.2	100	7.3	4.2	57.9	25.2	113.0	46.3	9.7	97	19.4	115.1	50.0	1.7	107	21.6	173.8	50.2	1.1	95
NuTech 1N-887 CB/LL/RW	86	P250	1,2,4	23.5	139.4	47.6	7.1	100	7.0	4.2	58.2	26.8	117.2	44.4	14.1	98	21.5	127.4	49.1	7.2	106	22.3	173.7	49.4	0.0	96
NuTech 3A-093 RR	93	P250	1	24.4	144.7 *	49.9	2.3	96	7.4	3.7	58.4	29.5	132.1 *	46.8	1.4	93	20.5	124.2	51.8	5.0	104	23.2	177.9 *	51.0	0.4	92
NuTech 3A-095 RR	94	P250	1	25.6	133.8	49.3	3.1	93	7.6	4.2	58.4	30.4	104.3	45.4	2.1	91	24.1	126.5	49.5	6.6	97	22.3	170.6	52.9	0.7	91
NuTech 3A-390 RR	88	P250	1	24.4	135.0	49.4	5.2	98	7.2	4.2	58.1	31.5	110.0	46.9	2.1	94	20.2	130.0	51.3	12.2	105	21.4	165.0	50.1	1.4	94
NuTech 3P-494+RR/YGPL	94	P250	1,2,3	27.1	127.7	46.9	3.0	102	6.8	4.0	59.4	36.4	86.6	43.7	0.6	99	23.2	115.1	46.8	8.4	107	21.7	181.5 *	50.1	0.0	100
NuTech 3T-393 VT3	93	P250	1,2,3	26.4	128.5	47.0	2.2	101	6.7	4.2	59.2	35.0	102.2	44.3	0.7	100	22.5	120.3	47.0	6.0	107	21.7	162.9	49.6	0.0	96
PIONEER 38M60	94	P250	1,2,3,4,11	23.8	137.5	50.7	0.8	101	7.1	3.9	58.6	28.3	119.0	47.6	1.3	99	19.6	119.9	53.1	0.3	107	23.5	173.6	51.3	0.7	96
PIONEER 38N87	92	P250	1,2,4	23.5	133.5	49.2	1.4	102	7.5	3.9	58.6	28.8	109.9	46.6	1.0	100	19.7	116.0	50.7	2.3	107	21.9	174.5	50.3	1.0	100
RENK RK268RRYGPL	84	P250	1,2,3	22.7	125.3	50.8	6.8	85	8.1	3.8	58.7	26.2	114.5	48.7	0.7	85	19.4	119.4	51.4	17.8	91	22.6	142.1	52.2	2.0	79
RENK RK292LLYGCB	85	P250	2,4	22.4	125.4	48.4	6.0	95	7.7	5.0	57.6	26.2	99.6	45.8	13.3	93	20.4	104.4	48.5	2.1	104	20.6	172.3	50.8	2.6	87
RENK RK438YGCB	92	P250	2	26.6	131.8	48.3	3.9	100	6.4	3.6	59.4	32.4	108.5	45.6	0.7	96	24.0	120.9	49.0	10.1	105	23.4	166.0	50.4	1.0	98
AVERAGE				24.0	132.9	49.7	4.5	98	7.3	4.0	58.6	29.1	112.3	46.9	3.8	95	20.7	122.4	51.0	7.1	104	22.1	164.0	51.1	2.4	93
HIGHEST				31.7	153.7	52.9	18.7	102	8.0	4.8	59.8	36.8	140.2	51.0	18.4	100	28.4	147.5	55.3	36.6	107	29.9	191.0	54.1	18.2	100
LOWEST				20.1	113.4	46.4	0.8	85	6.4	3.5	57.6	22.6	82.5	43.7	0.0	85	16.6	97.1	45.7	0.3	91	19.7	126.3	48.9	0.0	79
CV (%)				6.4	8.8	2.4	166.5	4.0	8.1	8.3	1.6	6.6	12.6	2.6	204.3	4.0	6.7	7.6	2.1	99.5	3.0	5.2	6.8	2.5	303.5	5.0
LSD (5%)				1.2	9.4	1.0	5.9	3.0	0.7	0.4	1.1	2.3	16.6	1.4	9.1	4.0	1.6	10.9	1.3	8.3	3.0	1.4	13.1	1.5	8.6	6.0

CODES NUMBERS FOR HYBRID TRAITS

Code Num.	Traits & Resistant Events
1	Glyphosate
2	European Corn Borer
3	Corn Rootworm
4	Liberty Link
5	Clearfield
6	IMI, IT, iR,
7	Brown Mid Rib
8	Leafy
9	High Oil
10	Waxy
11	HTF High Total Fermentable
12	HAE High Available Energy
13	HES High Extractable Starch
14	Other

TREATMENT CODES FOR SEED APPLIED INSECTICIDES

TRT	Seed Treatment	Chemical Rate
C125	No Seed Insecticide Applied	
C250	Cruiserfi 125	0.125 mg Thiamethoxan per kernel
C1250	Cruiserfi 250	0.250 mg Thiamethoxan per kernel
P250	Cruiserfi 1250	1.25 mg Thiamethoxan per kernel
P1250	Ponchofi 250	0.25 mg Clothianidan per kernel
	Ponchofi 1250	1.25 mg Clothianidan per kernel
	Cruiserfi is a registered trademark of Syngenta Group Company Ponchofi is a registered trademark of Gustafson LLC	

2 Year Averages 2008 - 2007				TRIAL AVERAGE					% QUALITY			GRAND TRAVERSE					MENOMINEE					OGEMAW, ALPENA (2007)				
BRAND / HYBRID	RM	TRT	TRAIT	%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 1541RR	81		1	not published in 2007					8.1	3.6	58.9	not published in 2007					not published in 2007					24.1	154.6	51.4	1.1	98
BAYSIDE 1582YGCBBR	82		1,2						7.8	3.6	59.3											24.5	148.0	50.4	0.8	98
BAYSIDE 7092YGPLRR	92	P250	1,2,3						7.4	4.1	58.5											25.9	160.5 *	49.6	0.7	98
BAYSIDE Super 80	80								8.0	4.6	57.9											21.8	140.7	51.3	1.9	99
HYLAND SEEDS HLB38R	92	P250	1,2						7.3	3.9	59.2											27.1	157.4 *	49.1	1.2	92
MYCOGEN 2K154	83	C250	1,2,4						7.4	3.8	59.3											21.9	138.8	53.4	5.1	93
NuTech 3A-093 RR	93	P250	1						8.0	3.6	58.6											26.2	161.3 *	49.8	0.3	95
NuTech 3T-393 VT3	93	P250	1,2,3						6.8	4.0	59.5											26.8	163.1 **	48.5	0.3	96
PIONEER 38N87	92	P250	1,2,4						7.7	3.8	58.9											22.8	154.8 *	49.5	0.9	100
RENK RK438YGCB	92	P250	2						6.9	3.5	59.7											26.0	161.8 *	49.3	1.0	98
AVERAGE									7.5	3.8	59.0											24.7	154.1	50.2	1.3	97
HIGHEST									8.1	4.6	59.7											27.1	163.1	53.4	5.1	100
LOWEST									6.8	3.5	57.9											21.8	138.8	48.5	0.3	92
CV (%)									6.3	7.5	1.4											6.4	6.4	2.0	234.8	5.0
LSD (5%)									0.4	0.2	0.7											1.2	8.4	0.8	4.4	4.0

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

TABLE 5.

DELTA & MENOMINEE (EARLY) COUNTY GRAIN TRIALS (81 - 91 Day)

ZONE 5

2008				TRIAL AVERAGE					% QUALITY			DELTA					MENOMINEE - EARLY				
BRAND / HYBRID	RM	TRT	TRAIT	%H2O	BU/A	Twt	%SL	%Sd	Prot	Oil	Strch	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd
BAYSIDE 1084HXRR	84	P250	1,2,4	22.3	128.7	52.7	22.0	98	8.9	3.5	58.3	24.0	146.8 **	51.8	4.3	99	20.5	110.5	53.6	39.6	96
BAYSIDE 1541RR	81		1	19.6	132.1 *	53.8	2.6	99	8.9	3.4	58.2	21.6	143.2 *	53.0	0.4	100	17.5	120.9	54.5	4.8	97
BAYSIDE 1582YGCBRR	82		1,2	19.9	129.9	53.7	1.1	99	9.0	3.4	58.3	22.3	144.2 *	52.6	0.4	100	17.5	115.5	54.8	1.7	98
DEKALB DKC33-54 (RR2)	83	P250	1	18.2	129.7	53.8	3.3	99	9.0	3.6	58.5	20.1	144.8 *	54.3	1.1	99	16.3	114.6	53.3	5.4	99
DEKALB DKC33-72 (RR2)	83	P250	1	19.8	115.6	55.2	1.6	100	10.1	3.8	56.1	21.1	120.8	55.1	0.7	100	18.4	110.4	55.3	2.4	100
DEKALB DKC35-19 (RR2/YGCB)	85	P250	1,2	19.3	129.6	53.5	5.7	100	9.1	3.9	57.7	20.9	136.5 *	53.0	0.0	100	17.7	122.6	53.9	11.3	100
DEKALB DKC38-89 (VT3)	88	P250	1,2,3	22.4	122.7	51.0	3.8	98	8.9	4.2	57.2	23.9	125.6	50.6	3.3	96	20.9	119.7	51.4	4.3	100
DEKALB DKC41-60 (VT3)	91	P250	1,2,3	23.8	135.6 *	51.1	3.4	100	8.0	4.0	58.0	25.8	136.0 *	49.4	0.4	99	21.8	135.1 *	52.7	6.4	100
DYNAGRO 51P62	82	P250	1,2	19.8	115.3	55.4	2.9	100	9.5	4.5	56.1	21.0	126.8	54.3	1.4	100	18.6	103.8	56.5	4.4	100
DYNAGRO 51V89	87	P250	1,2,3,14	19.6	115.6	52.7	5.9	100	9.0	4.2	56.7	21.4	124.2	52.8	0.7	100	17.7	107.0	52.6	11.0	100
DYNAGRO 52V01	86	P250	1,2,3,14	21.1	132.1 *	51.1	3.2	92	9.0	3.9	57.3	23.9	139.8 *	50.5	1.6	93	18.3	124.3	51.7	4.7	91
G2 GENETICS 5H-881 RR/HX	81	P250	1,2,4	18.4	125.7	52.2	6.1	99	9.1	3.9	56.8	20.3	134.6 *	52.5	0.4	99	16.4	116.7	51.8	11.8	98
HYLAND SEEDS HLCVR48	88	P250	1,2,3	23.1	108.3	50.9	5.6	92	8.4	4.2	57.7	25.2	108.0	49.7	2.3	94	21.0	108.6	52.1	8.9	90
JUNG 4183RR/YGCB	85	T250	1,2	20.2	114.0	51.4	11.7	100	9.1	3.8	56.9	22.5	114.9	50.6	0.7	100	17.9	113.0	52.1	22.7	99
JUNG 4209RR/YGCB	85	T250	1,2	19.8	123.0	54.2	1.9	95	9.4	4.0	57.1	21.5	123.6	53.4	0.8	95	18.1	122.4	55.0	2.9	95
JUNG 7171VT3	82	T250	1,2,3	20.0	110.0	53.8	6.3	99	8.9	3.8	57.6	21.7	114.1	52.9	5.0	99	18.3	105.8	54.7	7.5	99
MYCOGEN 2K154	83	C250	1,2,4	22.2	122.7	52.6	22.1	98	9.0	3.7	58.8	23.5	130.5	52.0	4.0	98	20.9	114.9	53.2	40.2	97
NuTech 1B-887 CB/LL	87	C250	2,4	21.1	140.6 **	50.7	0.9	99	9.0	4.3	56.8	23.4	142.7 *	50.1	0.4	99	18.7	138.4 *	51.3	1.4	99
NuTech 1N-887 CB/LL/RW	86	P250	1,2,4	22.1	136.6 *	49.6	1.2	100	8.6	3.8	57.8	24.8	133.8	47.9	1.1	100	19.3	139.3 **	51.3	1.3	100
NuTech 3A-390 RR	88	P250	1	22.4	118.9	49.8	6.7	97	9.0	3.8	57.3	24.6	115.5	49.0	1.5	96	20.1	122.3	50.5	11.8	98
NuTech 3P-484 RR/YGPL	84	C250	1,2,3	20.7	127.7	51.6	5.9	95	8.9	3.6	57.5	22.5	130.0	50.7	0.0	96	18.9	125.3	52.4	11.8	94
NuTech 3T-083 VT3	83	P250	1,2,3	20.5	130.8	53.9	0.7	99	9.0	4.0	57.5	22.6	140.0 *	52.5	1.1	99	18.4	121.6	55.3	0.3	98
NuTech 3T-484 VT3	84	P250	1,2,3	21.3	133.3 *	51.3	1.9	92	8.5	3.8	57.6	23.9	141.7 *	50.1	1.2	94	18.6	124.9	52.4	2.6	89
RENK RK268RRYGPL	84	P250	1,2,3	21.3	129.9	51.5	3.7	93	9.0	3.6	58.0	24.0	133.7	50.3	0.7	94	18.6	126.1	52.7	6.6	92
RENK RK292LLYGCB	85	P250	2,4	21.4	124.5	49.6	1.5	96	9.0	3.9	57.3	24.1	130.4	49.2	1.8	96	18.6	118.5	50.0	1.1	96
AVERAGE				20.8	125.3	52.3	5.3	98	8.9	3.9	57.5	22.8	131.3	51.5	1.4	98	18.8	119.3	53.0	9.1	97
HIGHEST				23.8	140.6	55.4	22.1	100	10.1	4.5	58.8	25.8	146.8	55.1	5.0	100	21.8	139.3	56.5	40.2	100
LOWEST				18.2	108.3	49.6	0.7	92	8.0	3.4	56.1	20.1	108.0	47.9	0.0	93	16.3	103.8	50.0	0.3	89
CV (%)				4.5	7.2	1.6	111.7	3.0	4.2	7.6	1.2	3.8	8.1	1.4	171.4	4.0	5.4	5.8	1.8	87.2	3.0
LSD (5%)				0.9	8.9	0.8	5.8	3.0	0.4	0.3	0.8	1.0	12.5	0.8	2.8	4.0	1.2	8.2	1.2	9.3	4.0

2 Year Averages 2008 - 2007

2 Year Averages 2008 - 2007				TRIAL AVERAGE					% QUALITY			DELTA					MENOMINEE - EARLY				
BRAND / HYBRID	RM	TRT	TRAIT	%H2O	BU/A	Twt	%SL	%Sd	Prot	Oil	Strch	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd
BAYSIDE 1541RR	81		1	not published in 2007					9.0	3.7	58.1	22.1	171.4	54.0	1.1	99	not published in 2007				
BAYSIDE 1582YGCBRR	82		1,2						9.2	3.9	57.7	23.0	172.5	53.4	0.7	100					
JUNG 4183RR/YGCB	85	T250	1,2						9.0	3.9	57.3	23.2	164.8	52.2	0.9	100					
MYCOGEN 2K154	83	C250	1,2,4						8.6	3.8	58.9	22.8	160.7	54.2	2.2	99					
NuTech 1B-887 CB/LL	87	C250	2,4						8.9	4.4	57.2	23.2	183.0 **	51.6	0.2	100					
AVERAGE									8.9	3.9	57.8	22.9	170.5	53.1	1.0	100					
HIGHEST									9.2	4.4	58.9	23.2	183.0	54.2	2.2	100					
LOWEST									8.6	3.7	57.2	22.1	160.7	51.6	0.2	99					
CV (%)									3.4	6.8	1.1	3.3	6.7	1.3	145.4	3.0					
LSD (5%)									0.3	0.2	0.5	0.6	7.9	0.5	1.6	2.0					

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

TABLE B.

AGRONOMIC TABLE FOR GRAIN TRIAL LOCATIONS

COUNTY		PLANTING DATES	HARVEST DATES	PREVIOUS CROP	100 % STAND	AVERAGE STAND	FERTILIZER N - P - K
Zone 1	LENAAWEE	April 30	Oct. 23	Squash	30,302	29,544	215 - 40 - 40
	BRANCH	April 28	Nov. 4	Corn	30,302	28,938	180 - 40 - 40
	CASS	April 24	Oct. 20	Corn	30,302	28,484	191 - 55 - 149
Zone 2	KENT	April 29	Oct. 21	Corn	30,302	29,392	185 - 40 - 40
	INGHAM	April 28	Oct. 29	Soybean	30,302	29,544	214 - 40 - 40
	SAGINAW & GR	May 1	Oct. 28	Soybean	30,302	29,695	188 - 40 - 40
Zone 3	HURON & GR	May 6	Oct. 30	Sugar Beets	30,302	28,591	115 - 40 - 40
	MONTCALM	May 21	Nov. 20	Potato / Rye	30,302	29,193	200 - 40 - 40
	MONTCALM GR	May 7	Early - Oct. 24 Late - Nov. 19	Dry Bean	30,302	29,043	180 - 40 - 40
	MASON	May 12	Nov. 11	Corn	30,302	29,494	152 - 39 - 39
Zone 4	OGEMAW	May 9	Nov. 7 & 19	Corn	30,302	28,892	161 - 40 - 40
	GRAND TRAVERSE	May 12	Nov. 3	Corn	30,302	28,314	145 - 40 - 40
	MENOMINEE	May 8	Nov. 6	Corn	28,350	27,499	100 - 40 - 40 +Manure
Z5	DELTA	May 8	Nov. 5	Alfalfa	26,514	25,984	115 - 40 - 40 +Manure

COUNTY		SOIL TYPE	SOIL TEST	FARM COOPERATOR	LOCATION
Zone 1	LENAAWEE	Lenawee Silty Clay loam	pH 7.1 P 355, K 113	Jason Woods	Britton
	BRANCH	Oshtemo Sandy Loam	pH 6.7 P 56, K 105	Kyle Huff	Coldwater
	CASS	Kalamazoo Loam	pH 6.0 P 54, K 198	Dave & Mel Cripe	Cassopolis
Zone 2	KENT	Matherton Loam & Sebewa Loam	pH 6.8 P 40, K 127	Pleasant Acres Farm Paul Kayser	Caledonia
	INGHAM	Capac Loam	pH 7.3 P 42, K 90	Jorgensen Farms Jerry Jorgensen & Mike Turner	Williamston
	SAGINAW & GR	Brookston Loam	pH 5.7 P 96, K 221	Fred Gross Farms Peggy Gross & Dick Birchmeier	New Lothrop
Zone 3	HURON & GR	Kilmanagh Loam	pH 6.6 P 476, K 270	Wil-Le Farms Ron & Ed McCrea	Bad Axe
	MONTCALM	Mancelona Loamy Sand	pH 6.5 P 95, K 184	Troy Sackett	Edmore
	MONTCALM GR	Montcalm - McBride Sandy Loam	pH 5.9 P 235, K 211	Montcalm Research Farm, MSU	Entrican
	MASON	Ogemaw Sandy Loam	pH 6.4 P 155, K 182	Robert & August Oshe	Scottville
Zone 4	OGEMAW	Selkirk Loam	pH 7.5 P 19, K 147	Miller Feeds, Inc. Travis Miller	Prescott
	GRAND TRAVERSE	Coventry-Newaygo Loam	pH 6.2 P 64, K 153	Ed Breitmeyer	Buckley
	MENOMINEE	Onaway Sandy Loam	pH 7.4 P 60, K 195	Dave Johnson	Daggett
Z5	DELTA	Charlevoix Sandy Loam	pH 7.1 P 92, K 170	Benny Herioux	Bark River

TABLE 6E. HURON, MONTCALM & SAGINAW COUNTY GLYPHOSATE RESISTANT GRAIN TRIALS - EARLY (99 Day and Earlier) ZONE 2 - 3

2008				EARLY - TRIAL AVERAGE					% QUALITY			HURON - EARLY					MONTCALM - EARLY					SAGINAW - EARLY				
BRAND / HYBRID	RM	TRT	TRAIT	%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 6094YGCBBR	94		1,2	24.0	217.2 *	52.1	0.3	96	8.8	4.0	57.0	23.8	223.7	53.5	0.7	95	27.5	212.1 *	49.3	0.0	99	20.6	215.8 *	53.5	0.3	95
BAYSIDE 7098VT3	98		1,2,3	26.0	207.3	52.5	1.3	96	7.8	3.8	58.7	26.1	214.5	52.7	1.0	95	31.0	203.7	50.2	0.0	99	21.8	203.7	54.5	3.0	95
CROWS 1807VT3	97	C250	1,2,3	28.6	218.9 *	51.3	0.2	97	8.8	3.9	57.7	27.4	242.7 *	52.1	0.7	100	33.7	192.6	49.1	0.0	97	24.6	221.5 *	52.7	0.0	95
CROWS 1928R	99	C250	1	31.0	222.2 **	50.0	1.0	98	8.9	4.2	56.5	29.0	247.8 **	50.2	1.0	99	38.2	195.4	48.6	0.3	100	25.7	223.3 *	51.2	1.6	95
DEKALB DKC41-60 (VT3)	91	P250	1,2,3	22.2	203.5	53.8	1.6	97	8.0	3.7	58.3	21.3	213.6	54.8	2.6	98	25.7	199.1	51.0	1.3	98	19.5	197.9	55.7	1.0	94
DEKALB DKC42-91 (RR2/YGCB)	92	P250	1,2,3	23.8	205.7	52.4	1.0	98	8.3	3.7	57.9	23.5	225.7	53.0	1.0	99	27.9	196.8	49.7	0.3	100	20.0	194.7	54.5	1.6	95
DEKALB DKC45-79 (VT3)	95	P250	1,2,3	26.2	209.7	52.0	0.4	97	8.1	3.7	58.4	26.4	221.1	51.9	0.0	97	30.6	203.1	49.8	0.0	100	21.5	204.8	54.2	1.3	95
DEKALB DKC46-60 (VT3)	96	P250	1,2,3	25.1	203.4	52.2	0.8	93	8.2	3.6	58.2	24.6	202.5	53.3	1.4	93	29.1	201.7	49.7	0.4	93	21.7	205.9	53.6	0.7	94
DEKALB DKC48-46 (RR2/YGPL)	98	P250	1,2,3	24.8	208.5	51.8	1.3	97	8.1	3.6	58.5	25.1	213.9	52.4	2.9	97	28.7	204.9 *	49.5	0.0	99	20.7	206.8	53.5	1.0	95
DYNAGRO 54V78	96	P250	1,2,3,14	24.4	204.6	52.0	0.3	93	8.9	4.5	56.7	24.1	207.3	53.6	0.7	93	27.8	201.2	49.6	0.0	92	21.2	205.3	52.7	0.3	94
DYNAGRO 55V18	99	P250	1,2,3,14	27.4	214.4 *	52.6	0.3	94	8.2	3.5	58.4	26.0	219.7	53.0	1.0	96	32.6	207.2 *	50.8	0.0	92	23.6	216.3 *	53.9	0.0	95
DYNAGRO V3883VT3	98	P250	1,2,3	28.7	213.4 *	51.7	0.4	90	8.9	3.8	57.6	27.8	240.9 *	51.7	0.3	97	35.2	184.5	50.0	0.0	81	23.0	214.8 *	53.5	1.0	91
GREAT LAKES 4415G3VT3	94	P250	1,2,3	25.9	216.1 *	52.4	0.2	92	8.6	4.1	57.5	25.8	221.2	53.0	0.0	88	29.9	207.4 *	50.3	0.0	94	21.9	219.6 *	54.0	0.7	94
GREAT LAKES 4481G3VT3	94	P250	1,2,3	23.9	206.4	53.6	1.5	83	7.9	3.6	58.6	23.5	224.0	54.1	3.4	84	28.5	188.2	50.9	0.0	80	19.8	207.1	55.8	1.1	86
GREAT LAKES 4689G3VT3	96	P250	1,2,3	29.1	220.8 *	51.5	0.4	92	9.0	4.2	57.2	27.5	239.0 *	52.2	0.7	94	35.5	199.0	49.6	0.0	90	24.4	224.5 **	52.8	0.4	93
GREAT LAKES 4951G3VT3	99	P250	1,2,3	28.9	201.8	51.4	1.2	80	8.7	3.7	58.1	27.6	210.9	50.9	2.2	84	35.7	176.5	50.4	0.0	66	23.3	218.0 *	52.9	1.4	90
HYLAND SEEDS HLB38R	92	P250	1,2	24.8	205.6	51.8	0.8	91	8.4	3.8	57.5	24.9	214.2	53.0	1.1	86	28.9	193.5	49.4	0.0	95	20.7	209.0	53.1	1.4	93
HYLAND SEEDS HLCVR54	92	P250	1,2,3	25.5	204.9	51.6	0.7	97	8.3	3.8	57.7	24.3	210.1	53.3	1.3	95	30.7	193.7	48.6	0.0	100	21.4	210.9	52.9	0.7	95
HYLAND SEEDS HLCVR72	98	P250	1,2,3	27.4	208.7	52.0	2.4	93	8.8	4.0	57.2	26.7	214.3	51.9	5.4	93	32.2	201.2	50.5	0.4	96	23.3	210.5	53.5	1.4	90
HYLAND SEEDS HLCVR73	99	P250	1,2,3	27.3	220.2 *	52.5	1.7	95	8.2	3.6	58.4	26.7	221.1	52.7	3.9	96	31.9	218.1 **	50.7	0.4	94	23.2	221.5 *	54.0	0.7	95
HYLAND SEEDS HLCVR74	99	P250	1,2,3	31.8	213.8 *	49.4	0.6	97	9.3	4.2	56.3	30.8	234.4 *	49.3	0.7	98	37.6	193.1	48.2	0.4	97	27.0	213.8 *	50.8	0.7	95
LEGACY SEEDS L-3750VT3	97	P250	1,2,3	26.6	211.8	52.4	1.2	96	8.0	3.9	58.8	26.4	221.1	52.4	1.6	95	30.9	205.1 *	50.5	0.0	99	22.6	209.3	54.2	2.0	95
Midwest Seed Genetics 69704VT3	97	C250	1,2,3	28.5	219.3 *	51.6	0.3	96	8.5	3.7	58.3	27.3	235.3 *	52.3	0.7	96	34.0	202.0	49.5	0.3	98	24.2	220.5 *	53.0	0.0	95
Midwest Seed Genetics 7006R	99	C250	1	31.0	215.4 *	49.8	0.6	97	8.6	4.1	56.7	29.4	224.7	50.0	0.7	96	37.3	198.6	48.6	0.0	100	26.4	223.0 *	50.9	1.0	94
RENK RK570VT3	95	P250	1,2,3	24.3	206.1	51.8	1.0	96	8.4	3.9	57.9	23.5	217.6	53.6	1.7	94	28.7	196.6	48.8	0.3	99	20.8	204.1	53.0	1.0	95
RENK RK575VT3	95	P250	1,2,3	26.5	200.0	51.2	0.3	96	8.8	3.6	57.7	25.9	210.1	51.7	0.7	98	32.8	189.4	49.2	0.0	94	20.8	200.4	52.7	0.3	95
STEWART SEEDS 4T435	94	P250	1,2,3	23.1	209.8	52.7	0.3	97	8.2	4.0	58.0	22.3	237.5 *	54.0	0.7	98	26.6	193.4	49.9	0.0	98	20.3	198.5	54.2	0.3	95
STEWART SEEDS 4T985	99	P250	1,2,3	25.7	208.1	53.3	0.2	98	8.2	3.8	57.7	25.9	224.0	53.6	0.7	98	29.3	200.9	51.2	0.0	100	21.8	199.3	55.2	0.0	95
AVERAGE				26.5	210.6	51.9	0.8	94	8.5	3.9	57.8	25.8	222.6	52.5	1.4	95	31.4	198.5	49.8	0.1	95	22.3	210.7	53.4	0.9	94
HIGHEST				31.8	222.2	53.8	2.4	98	9.3	4.5	58.8	30.8	247.8	54.8	5.4	100	38.2	218.1	51.2	1.3	100	27.0	224.5	55.8	3.0	95
LOWEST				22.2	200.0	49.4	0.2	80	7.8	3.5	56.3	21.3	202.5	49.3	0.0	84	25.7	176.5	48.2	0.0	66	19.5	194.7	50.8	0.0	86
CV (%)				4.0	5.4	1.0	127.3	4.0	4.0	7.3	1.4	3.3	5.4	1.1	93.2	5.0	4.5	5.9	0.7	347.0	5.0	3.5	4.7	1.0	125.3	1.0
LSD (5%)				0.8	9.1	0.4	0.8	3.0	0.4	0.3	0.9	1.0	14.2	0.7	1.5	6.0	1.7	13.9	0.4	0.6	5.0	0.9	11.5	0.7	1.3	2.0

2 Year Averages 2008 - 2007				EARLY - TRIAL AVERAGE					% QUALITY			HURON - EARLY					MONTCALM - EARLY					SAGINAW - EARLY				
BRAND / HYBRID	RM	TRT	TRAIT	%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 6094YGCBBR	94		1,2	21.7	223.8 *	54.0	0.5	98	8.3	4.1	58.3	Not published in 2007					24.5	224.4 **	52.4	0.2	98	18.8	223.1	55.5	0.7	97
CROWS 1807VT3	97	C250	1,2,3	24.7	226.9 *	53.7	0.6	98	8.4	4.1	58.5						28.1	218.7 *	52.1	0.5	98	21.2	235.0 *	55.3	0.7	98
DEKALB DKC46-60 (VT3)	96	P250	1,2,3	22.2	221.1 *	54.4	0.9	97	7.5	3.7	59.2						25.1	221.6 *	52.8	0.4	97	19.2	220.5	56.0	1.3	97
GREAT LAKES 4415G3VT3	94	P250	1,2,3	23.1	227.0 *	54.3	0.2	97	8.0	4.2	58.6						26.1	222.9 *	52.7	0.0	96	20.0	231.1 *	55.9	0.3	97
HYLAND SEEDS HLB38R	92	P250	1,2	22.0	217.1	53.8	0.8	93	8.0	4.0	58.5						25.3	216.1 *	52.3	0.4	94	18.6	218.1	55.3	1.2	92
Midwest Seed Genetics 69704VT3	97	C250	1,2,3	24.9	228.0 **	53.9	0.4	97	8.2	3.9	58.8						28.5	219.6 *	51.9	0.5	97	21.2	236.3 **	55.9	0.2	96
AVERAGE				23.1	224.0	54.0	0.6	97	8.1	4.0	58.6						26.3	220.6	52.4	0.3	97	19.9	227.3	55.7	0.7	96
HIGHEST				24.9	228.0	54.4	0.9	98	8.4	4.2	59.2						28.5	224.4	52.8	0.5	98	21.2	236.3	56.0	1.3	98
LOWEST				21.7	217.1	53.7	0.2	93	7.5	3.7	58.3						24.5	216.1	51.9	0.0	94	18.6	218.1	55.3	0.2	92
CV (%)				3.3	5.1	1.1	142.9	4.0	3.8	7.5	1.3						3.7	5.9	1.1	385.0	4.0	3.0	4.2	1.0	140.6	3.0
LSD (5%)				0.8	10.8	0.6	1.1	4.0	0.3	0.2	0.6						0.9	10.0	0.5	0.7	3.0	0.5	7.6	0.5	1.0	2.0

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

TABLE 6L. HURON, MONTCALM & SAGINAW COUNTY GLYPHOSATE RESISTANT GRAIN TRIALS - LATE (100 Day and Later) ZONE 2 - 3

2008				LATE - TRIAL AVERAGE					% QUALITY			HURON - LATE					MONTCALM - LATE					SAGINAW - LATE				
BRAND / HYBRID	RM	TRT	TRAIT	%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
CROW'S 3626VT3	105	C250	1,2,3	30.6	221.0 *	50.2	0.7	98	9.0	3.3	58.5	32.1	242.1 *	49.7	1.0	100	33.5	198.0 *	49.1	0.0	99	26.2	222.8	51.9	1.0	95
CROW'S 3848VT3	105	C250	1,2,3	28.5	212.1	50.7	0.9	98	7.7	3.4	59.6	28.9	243.2 *	51.0	1.0	98	30.0	176.6	49.8	0.3	100	26.6	216.4	51.3	1.3	95
DEKALB DKC50-19 (VT3)	100	P250	1,2,3	26.3	215.7	51.7	0.6	98	7.7	3.7	58.9	26.2	237.9	52.3	1.0	99	29.3	199.2 *	50.3	0.0	100	23.3	209.9	52.6	0.7	95
DEKALB DKC50-44 (VT3)	100	P250	1,2,3	26.4	216.6	51.4	0.7	96	7.9	3.3	58.7	26.8	237.4	51.6	0.7	100	28.9	191.0 *	49.9	0.7	95	23.4	221.3	52.7	0.7	94
DEKALB DKC52-43 (VT3)	102	P250	1,2,3	26.3	225.5 *	50.7	0.5	97	7.5	3.4	59.2	26.8	244.8 *	50.9	0.7	97	27.8	197.2 *	49.7	0.0	100	24.2	234.6 *	51.4	0.7	95
DEKALB DKC52-59 (VT3)	102	P250	1,2,3	26.6	230.0 **	50.6	0.5	98	8.0	3.5	57.8	28.2	251.1 *	50.7	0.6	100	26.9	201.4 *	49.5	0.0	100	24.7	237.6 **	51.7	1.0	95
DEKALB DKC54-16 (VT3)	104	P250	1,2,3	28.2	215.8	50.3	0.3	96	7.9	3.8	58.6	29.5	235.2	49.4	0.3	99	29.6	195.5 *	50.0	0.0	98	25.4	216.7	51.5	0.7	92
DEKALB DKC54-49 (VT3)	104	P250	1,2,3	29.1	208.2	51.2	0.7	95	9.0	3.8	56.5	29.3	226.0	51.1	0.0	95	31.9	185.1	49.9	0.0	96	26.2	213.6	52.5	2.0	94
DEKALB DKC55-24 (VT3)	105	P250	1,2,3	28.0	224.4 *	51.4	0.4	90	7.4	3.8	59.7	28.7	255.9 **	51.3	1.3	95	29.0	195.2 *	50.6	0.0	86	26.4	222.1	52.2	0.0	90
DYNAGRO 57V98	110	P250	1,2,3,14	29.8	207.6	50.4	1.2	88	8.5	4.2	58.2	31.0	217.5	50.2	1.4	88	30.3	189.8 *	50.4	0.4	85	28.1	215.4	50.6	1.7	91
DYNAGRO V4393VT3	103	P250	1,2,3	28.9	209.4	51.0	0.5	97	8.0	3.6	58.9	28.9	213.5	50.7	0.3	97	31.7	192.8 *	50.2	0.0	98	26.1	221.8	52.0	1.3	95
GREAT LAKES 5306G3	103	P250	1,2,3	28.9	200.6	50.7	0.4	93	8.6	3.5	59.2	30.8	222.1	49.9	1.0	94	31.2	177.0	49.8	0.0	93	24.8	202.6	52.3	0.3	93
GREAT LAKES 5416G3VT3	104	P250	1,2,3	32.1	217.4	49.9	0.8	96	9.0	3.7	57.8	33.0	239.1 *	49.3	1.0	99	34.3	186.4	49.6	0.7	97	28.9	226.7	50.8	0.7	92
HYLAND SEEDS HLB49R	100	P250	1,2	29.6	214.6	50.2	1.2	97	8.0	3.7	58.5	30.2	229.8	50.3	1.3	99	30.2	199.2 *	49.9	1.0	99	28.3	214.7	50.5	1.3	94
HYLAND SEEDS HLB77R	105	P250	1,2	31.9	206.8	48.1	1.8	96	8.0	3.3	58.4	35.6	226.2	47.4	1.0	95	31.2	181.1	47.9	0.7	98	29.0	213.2	49.0	3.6	95
LEGACY SEEDS L-4050VT3	100	P250	1,2,3	26.3	205.2	53.0	1.1	98	8.0	3.7	58.7	26.2	225.8	52.5	1.3	100	28.5	177.9	52.8	0.7	99	24.2	212.0	53.8	1.3	95
Midwest Seed Genetics 75145VT3	105	C250	1,2,3	30.9	218.2	49.9	0.6	98	9.0	3.9	58.1	33.0	238.9 *	49.5	1.6	99	32.4	195.6 *	48.8	0.0	100	27.2	220.1	51.3	0.3	95
RENK RK616VT3	101	P250	1,2,3	25.8	207.3	52.3	1.4	97	7.4	3.7	59.2	26.5	221.6	51.8	2.6	99	27.7	192.6 *	51.3	0.3	96	23.2	207.8	53.9	1.3	95
RENK RK670VT3	101	P250	1,2,3	30.2	220.7	49.5	0.5	98	8.4	3.7	57.8	30.7	250.0 *	49.2	1.6	100	33.5	188.2 *	48.3	0.0	99	26.4	223.8	51.1	0.0	95
RENK RK686VT3	102	P250	1,2,3	30.4	213.3	50.7	0.4	97	9.0	3.8	57.4	33.1	229.0	50.0	0.3	100	31.4	189.2 *	49.7	0.3	95	26.6	221.6	52.4	0.7	95
RENK RK698RRYGRW	104	P250	1,3	27.7	219.4	50.3	2.0	88	7.9	3.3	59.1	28.6	235.4	49.9	1.7	95	29.4	193.0 *	49.5	3.2	80	25.1	229.9 *	51.4	1.1	89
RENK RK760RRYGCB	105	P250	1,2	32.7	219.7	51.3	0.5	97	8.9	3.9	57.6	35.0	225.6	50.7	0.7	100	34.4	201.9 **	51.1	0.0	98	28.8	231.7 *	52.1	0.7	93
STEWART SEEDS 5T429	101	P250	1,2,3	27.5	211.5	51.2	0.8	91	8.0	3.6	58.3	29.6	221.7	50.2	0.7	94	28.1	189.3 *	51.1	0.4	85	24.9	223.5	52.4	1.3	93
AVERAGE				28.8	214.8	50.7	0.8	96	8.0	3.6	58.5	29.9	233.5	50.4	1.0	97	30.5	191.0	50.0	0.4	95	26.0	220.0	51.8	1.0	94
HIGHEST				32.7	230.0	53.0	2.0	98	9.0	4.2	59.7	35.6	255.9	52.5	2.6	100	34.4	201.9	52.8	3.2	100	29.0	237.6	53.9	3.6	95
LOWEST				25.8	200.6	48.1	0.3	88	7.4	3.3	56.5	26.2	213.5	47.4	0.0	88	26.9	176.6	47.9	0.0	80	23.2	202.6	49.0	0.0	89
CV (%)				5.9	5.2	1.3	124.0	3.0	3.7	7.1	1.4	4.2	5.2	0.8	112.5	4.0	7.8	6.5	1.7	177.5	4.0	4.6	3.8	1.3	108.9	2.0
LSD (5%)				1.4	9.0	0.5	0.8	2.0	0.4	0.3	1.0	1.8	17.1	0.6	1.6	5.0	2.8	14.7	1.0	0.8	4.0	1.4	9.9	0.8	1.3	2.0

2 Year Averages 2008 - 2007				LATE - TRIAL AVERAGE					% QUALITY			HURON - LATE					MONTCALM - LATE					SAGINAW - LATE				
BRAND / HYBRID	RM	TRT	TRAIT	%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
CROW'S 3848VT3	105	C250	1,2,3	25.7	220.8	53.2	1.3	98	7.6	3.6	59.9	not published in 2007					27.4	207.8	51.5	0.6	100	24.0	233.8	54.9	1.9	96

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

HYBRID INDEX FOR GRAIN TRIALS

The 266 hybrids submitted for testing by 24 seed companies (25 brand names) resulted in 472 individual entries in the 2008 Michigan Corn Performance Trials for grain. The map of Michigan (page 7) shows each zone and the locations where the trials were located. Zones 1, 2 and 3 were divided into two maturity groups (designated early and late) on the basis of the maturity ratings (RM) submitted by the companies with results listed in separate tables. Below is a listing of company names, brand names, hybrid numbers, RM, and the table designation - an E (early) or L (late) for each hybrid.

ZONE 1 Tables 1E/1L Branch Cass Lenawee Trial Average	ZONE 2 Tables 2E/2L Ingham Kent Saginaw Trial Average	ZONE 3 Tables 3E/3L Huron Mason Montcalm Trial Average	ZONE 4 Table 4 GrandTraverse Menominee - Late Ogemaw Trial Average	ZONE 5 Table 5 Delta Menominee - Early Trial Average	GLYPHOSATE TRIAL Tables 6E/6L Huron - Zone 3 Montcalm - Zone 3 Saginaw - Zone 2 Trial Average
AGRIGOLD AGRIGOLD A6225VT3 AGRIGOLD A6279VT3 AGRIGOLD A6309BtRWRR AGRIGOLD A6323CL AGRIGOLD A6325VT3 AGRIGOLD A6399VT3 AGRIGOLD A6439VT3 AGRIGOLD A6459VT3 AGRIGOLD A6489VT3	RM TABLE 98 2E 101 2E 103 2L 103 1E,2L 104 1E,2L 108 1L 109 1L 109 1L 112 1L	CROW S CROW S 1725VT3 CROW S 1807VT3 CROW S 1928R CROW S 3626VT3 CROW S 3848VT3 CROW S 4224VT3 CROW S 4354VT3 CROW S 4688VT3 CROW S 4726Y CROW S 4799VT3	RM TABLE 95 3E 97 2E,3E,6E 99 2E,3L,6E 105 2L,3L,6L 105 1E,2L,3L,6L 106 1E,2L 107 1E,2L 109 1L 109 1L 109 1L	DYNAGRO DYNAGRO 51P62 DYNAGRO 51V89 DYNAGRO 52V01 DYNAGRO 54T42 DYNAGRO 54V78 DYNAGRO 55V18 DYNAGRO 55V71 DYNAGRO 57V98 DYNAGRO CX08097 DYNAGRO CX08908 DYNAGRO V3573VT3 DYNAGRO V3593VT3 DYNAGRO V3883VT3 DYNAGRO V4393VT3 DYNAGRO V44RP83 DYNAGRO V4683VT3 DYNAGRO V4883VT3 DYNAGRO X8093RP	RM TABLE 82 5 87 4,5 86 4,5 100 2E,3L 96 2E,3E,6E 99 2E,3L,6E 104 1E,2L,3L 110 1L,2L,3L,6E 97 2E,3E 107 1E,2L 95 3E 95 3E 98 2E,3L,6E 103 2L,3L,6L 104 1E,2L 106 1E 108 1L 109 1L
BAYSIDE BAYSIDE Super 80 BAYSIDE 1541RR BAYSIDE 1582YGCBBR BAYSIDE 1084HXRR BAYSIDE 3784GTCBLL BAYSIDE 2090 BAYSIDE 7092YGPLRR BAYSIDE 6094YGCBBR BAYSIDE 5518RR BAYSIDE 6096 BAYSIDE 7098VT3 BAYSIDE 5100RR BAYSIDE 5101YGCBBR BAYSIDE 72001 BAYSIDE 2103	80 4 81 4,5 82 4,5 84 4,5 84 4 90 4 92 3E,4 94 2E,3E,6E 95 2E,3E 96 2E,3E 98 2E,3L,6E 100 2E,3L 101 2E,3L 101 2E 103 2L	DAIRYLAND DAIRYLAND STEALTH-9789 DAIRYLAND STEALTH-7891 DAIRYLAND STEALTH-9196 DAIRYLAND STEALTH-9799 DAIRYLAND STEALTH-9002 DAIRYLAND STEALTH-9902 DAIRYLAND STEALTH-8404 DAIRYLAND STEALTH-4006 DAIRYLAND STEALTH-6006 DAIRYLAND STEALTH-8208 DAIRYLAND STEALTH-9410 DAIRYLAND STEALTH-4009 DAIRYLAND STEALTH-9009	89 4 91 4 96 2E,3E 99 2E,3L 102 2L,3L 102 2L,3L 104 1E,2L 106 1E,2L 106 1E 108 1L 110 1L 111 1L 111 1L	FIELDERS CHOICE FIELDERS CHOICE NG6520 FIELDERS CHOICE NG6583 FIELDERS CHOICE NG6686	98 2E,3L 102 2L,3L 107 2L,3L
BECK S BECK 5135HXR™ ¹ BECK 5244VT3 BECK 5335HXR™ ¹ BECK 5444VT3 BECK EX0842VT3	104 1E 106 1E 109 1L 110 1L 110 1L	DEKALB DEKALB DKC33-54 (RR2) DEKALB DKC33-72 (RR2) DEKALB DKC35-19 (RR2/YGCB) DEKALB DKC38-89 (VT3) DEKALB DKC41-60 (VT3) DEKALB DKC42-91 (RR2/YGCB) DEKALB DKC45-79 (VT3) DEKALB DKC46-60 (VT3) DEKALB DKC48-46 (RR2/YGPL) DEKALB DKC50-19 (VT3) DEKALB DKC50-44 (VT3) DEKALB DKC52-43 (VT3) DEKALB DKC52-59 (VT3) DEKALB DKC54-16 (VT3) DEKALB DKC54-49 (VT3) DEKALB DKC55-24 (VT3) DEKALB DKC61-19 (VT3) DEKALB DKC61-69 (VT3)	83 4,5 83 4,5 85 4,5 88 4,5 91 3E,4,5,6E 92 3E,4,6E 95 2E,3E,6E 96 2E,3E,6E 98 2E,3L,6E 100 1E,2E,3L,6L 100 1E,2E,3L,6L 102 1E,2L,3L,6L 102 1E,2L,3L,6L 104 1E,2L,3L,6L 104 1E,2L,3L,6L 105 1E,2L,3L,6L 111 1L 111 1L	G2 GENETICS G2 GENETICS 5H-881 RR/HX G2 GENETICS 5H-298 RR/HX G2 GENETICS 5H-501 RR.HX G2 GENETICS 5H-702 RR/HX G2 GENETICS 1H-005 HX/LL G2 GENETICS 1H-005A HX/LL G2 GENETICS 5H-506 RR/HX G2 GENETICS 5H-906 RR/HX G2 GENETICS 5H-508 RR/HX G2 GENETICS 1H-911 HX/LL G2 GENETICS 1X-911 HXT/LL G2 GENETICS 5H-508A RR/HX	81 5 96 2E,3E 100 2E,3L 101 2E,3L 105 1E,2L,3L 105 1E,2L 105 1E,2L 105 2L,3L 107 1E,2L 110 1L 110 1L 108 1L
BIOGENE BIOGENE BG72V09 BIOGENE BG76V09 BIOGENE BG78V08 BIOGENE BG80V08	102 2L 106 1E 108 1L 109 1L			GREAT LAKES HYBRIDS GREAT LAKES 4041G3VT3 GREAT LAKES 4415G3VT3 GREAT LAKES 4481G3VT3 GREAT LAKES 4689G3VT3 GREAT LAKES 4951G3VT3 GREAT LAKES 5306G3 GREAT LAKES 5416G3VT3 GREAT LAKES 5711G3VT3 GREAT LAKES 6069G3VT3 GREAT LAKES 6255G3VT3	90 4 94 3E,4,6E 94 3E,4,6E 96 2E,3E,6E 99 2E,3L,6E 103 2L,6L 104 1E,2L,6L 107 1E 110 1L 112 1L
CROPLAN CROPLAN 3724VT3 CROPLAN 3688VT3 CROPLAN 421VT3 CROPLAN 5338VT3	96 2E 97 2E,3E 101 2E 105 2L,3L				

¹ TM - XL Brand is distributed by Beck's Superior Hybrids Inc.

HYLAND SEEDS

HYLAND SEEDS HLCVR48
 HYLAND SEEDS HLB38R
 HYLAND SEEDS HLCVR54
 HYLAND SEEDS HLCVR72
 HYLAND SEEDS HLCVR73
 HYLAND SEEDS HLCVR74
 HYLAND SEEDS HLB49R
 HYLAND SEEDS HLB337
 HYLAND SEEDS HLB77R

RM TABLE

88 5
 92 3E,4,6E
 92 3E,4,6E
 98 2E,3L,6E
 99 2E,3L,6E
 99 2E,3L,6E
 100 2E,3L,6L
 105 1E,2L
 105 2L,6L

JUNG

JUNG 7171VT3
 JUNG 4183RR/YGCB
 JUNG 4209RR/YGCB

82 5
 85 5
 85 5

LEGACY SEEDS

LEGACY SEEDS L-2927VT3
 LEGACY SEEDS L-3333VT3
 LEGACY SEEDS L-3295VT3
 LEGACY SEEDS L-3750VT3
 LEGACY SEEDS L-4050VT3
 LEGACY SEEDS L-5350GTCBLL

92 3E
 95 3E
 96 2E,3E
 97 2E,3E,6E
 100 2E,3L,6L
 104 2L

MIDWEST SEED GENETICS

Midwest Seed Genetics 69704VT3
 Midwest Seed Genetics 69805VT3
 Midwest Seed Genetics 70006R
 Midwest Seed Genetics 75145VT3
 Midwest Seed Genetics 76126VT3
 Midwest Seed Genetics 76174VT3
 Midwest Seed Genetics 76485VT3
 Midwest Seed Genetics 76804Y
 Midwest Seed Genetics 76865VT3
 Midwest Seed Genetics 76996VT3
 Midwest Seed Genetics 77012B

97 2E,3E,6E
 98 2E
 99 2E,3L,6E
 105 2L,3L,6L
 105 3L
 106 2L
 107 1E,2L
 109 1L
 109 1L
 109 1L
 110 1L

MYCOGEN

MYCOGEN 2K154
 MYCOGEN 2D326
 MYCOGEN 2R428
 MYCOGEN 2A517
 MYCOGEN 2P535
 MYCOGEN 2C598
 MYCOGEN 2J669

83 4,5
 92 3E,4
 96 2E,3E
 101 2E
 103 2L
 107 1E
 110 1L

NuTech

NuTech 3T-083 VT3
 NuTech 3P-484 RR/YGPL
 NuTech 3T-484 VT3
 NuTech 1N-887 CB/LL/RW
 NuTech 1B-887 CB/LL
 NuTech 3A-390 RR
 NuTech 3A-093 RR
 NuTech 3T-393 VT3
 NuTech 3A-095 RR
 NuTech 3P-494+ RR/YGPL
 NuTech 3T-096 VT3
 NuTech 3T-995 VT3
 NuTech 1N-398 CB/LL/RW
 NuTech 3C-300A RR/YGCB
 NuTech 3T-098A VT3
 NuTech 3T-098B VT3
 NuTech 3T-499 VT3
 NuTech 5H-597 RR/HX
 NuTech 3T-098 VT3
 NuTech 3C-300 RR/YGCB
 NuTech 3T-500 VT3
 NuTech 1X-201 HXT/LL

83 5
 84 5
 84 5
 86 4,5
 86 4,5
 88 4,5
 93 4
 93 3E,4
 94 3E,4
 94 3E,4
 95 3E
 95 3E
 96 3E
 96 2E,3E
 96 3E
 96 3E
 96 3E
 96 3E
 97 3E
 98 2E,3L
 99 2E,3L
 100 2E

NuTech - Continued

NuTech 3P-302 RR/YGPL
 NuTech 3T-302 VT3
 NuTech 3W-403 RR/YGRW
 NuTech 3T-303 VT3
 NuTech 0C-404 YGCB
 NuTech 0C-404A YGCB
 NuTech 3T-006A VT3
 NuTech 3C-408 RR/YGCB
 NuTech 3P-708 RR/YGPL
 NuTech 3T-208 VT3
 NuTech 3T-808 VT3
 NuTech 5X-008 RR/HXT
 NuTech 3P-708A RR/YGPL
 NuTech 3T-109 VT3
 NuTech 3T-209 VT3
 NuTech 3T-110 VT3
 NuTech 3T-310 VT3
 NuTech 3T-310A VT3
 NuTech 3T-510 VT3
 NuTech 3T-311 VT3
 NuTech 3T-912 VT3

PIONEER

PIONEER 38N87
 PIONEER 38M60
 PIONEER 37Y14
 PIONEER 36V53
 PIONEER 35F40
 PIONEER 35H42
 PIONEER 34R67

RENK

RENK RK268RRYGPL
 RENK RK292LLYGCB
 RENK RK438YGCB
 RENK RK501YGCB
 RENK RK570VT3
 RENK RK575VT3
 RENK RK584LLYGCB
 RENK RK670VT3
 RENK RK616VT3
 RENK RK686VT3
 RENK RK698RRYGRW
 RENK RK692CBLLRW
 RENK RK760RRYGCB
 RENK RK719VT3
 RENK RK770VT3
 RENK RK829VT3
 RENK RK844VT3

RUPP

RUPP 8XP73
 RUPP XR1634
 RUPP XR1791
 RUPP XR8002vt
 RUPP XR8015vt
 RUPP XR8045vt
 RUPP XR8072
 RUPP XR8075
 RUPP XR8752

RM TABLE

101 2E,3L
 101 2E,3L
 101 2E,3L
 102 2L,3L
 104 1E,2L,3L
 104 1E,2L,3L
 105 1E,2L
 107 1E,2L
 107 1E,2L
 107 1E,2L
 107 1E,2L
 108 1L
 108 1L
 109 1L
 110 1L
 110 1L
 110 1L
 111 1L
 111 1L
 92 3E,4
 94 3E,4
 99 2E,3L
 102 1E,2L,3L
 105 1E,2L
 107 1E,2L
 109 1L
 84 4,5
 85 4,5
 92 4
 95 3E
 95 3E,6E
 95 2E,3E,6E
 99 2E,3L
 101 2E,3L,6L
 101 2E,3L,6L
 102 2L,3L,6L
 104 2L,6L
 105 1E,2L
 105 2L,6L
 106 1E
 107 1E
 112 1L
 112 1L

106 1E,2L
 104 2L
 108 1L
 94 2E,3E
 110 1L
 109 1L
 92 3E
 100 2E,3L
 95 2E,3E

SEED CONSULTANTS

SEED CONSULTANTS SC9VTT38
 SEED CONSULTANTS SC10VTT18
 SEED CONSULTANTS SC10H27
 SEED CONSULTANTS SC10MT37
 SEED CONSULTANTS SCS10RR49
 SEED CONSULTANTS SC10VTT58
 SEED CONSULTANTS SCS10RR59
 SEED CONSULTANTS SCS10RR69
 SEED CONSULTANTS SC10H78
 SEED CONSULTANTS SC10MT87
 SEED CONSULTANTS SC10MT97
 SEED CONSULTANTS SCS11RR09
 SEED CONSULTANTS SC11YP07
 SEED CONSULTANTS SC11HQ08

RM TABLE

93 2E,3E
 101 1E,2E
 102 2L
 103 1E,2L
 105 1E,2L
 105 1E,2L
 106 1E,2L
 107 1E,2L
 108 1L
 108 1L
 109 1L
 109 1L
 110 1L
 110 1L

STEWART SEEDS

STEWART SEEDS 4T435
 STEWART SEEDS 4T985
 STEWART SEEDS 5T429
 STEWART SEEDS 6T226
 STEWART SEEDS 6T546
 STEWART SEEDS 6T672
 STEWART SEEDS 7T668
 STEWART SEEDS 7K285
 STEWART SEEDS 7T231
 STEWART SEEDS 7K456
 STEWART SEEDS 7T630
 STEWART SEEDS 8T755

94 2E,3E,6E
 99 2E,3L,6E
 101 2E,3L,6L
 106 1E
 107 1E
 107 1E
 108 1L
 109 1L
 110 1L
 110 1L
 110 1L
 112 1L

TRELAY

TRELAY 4T105
 TRELAY 4T722
 TRELAY 5T750
 TRELAY 5T128
 TRELAY 7T202
 TRELAY 7T630
 TRELAY 8T339

97 2E,3E
 97 2E,3E
 99 3L
 100 2E
 109 1L
 110 1L
 113 1L

WELLMAN

WELLMAN W2805VT3
 WELLMAN W2810VT3

105 1E
 110 1L

2008

SILAGE PERFORMANCE TRIALS

Introduction

One Ohio and nine Michigan locations across five maturity zones (see map pg. 29) contained 17 silage trials. The silage index (pg. 31) contains the list of 116 hybrids submitted by 17 seed companies (19 brand names) totaling 134 individual entries. Zones 1, 2, and 3 have two maturity groups E or L based on company RM. In cooperation with The Ohio State University, the Wood County OH location is planted and managed by OSU while MSU handles harvest, plus quality and data analysis.

Hybrids are reported in alphabetical order in each of the tables. County results are reported in the following tables:

Tables 7E/7L Zone 1 - Branch, Lenawee and Wood (OH)

Tables 8E/8L Zone 2 - Huron (Zone 3), Ingham, and Kent

Table 9 Zone 4 - Ogemaw, Menominee (Late) and Osceola

Table 10 Zone 5 - Alger and Menominee (Early)

Results are also posted on our Web site:

<http://www.css.msu.edu/varietytrials/>

Methods

Testing procedures (randomization, replication, planting rates, etc.) for silage evaluation are the same as those utilized for the grain trials. For silage Agronomic information refer to Table C (pg. 30)

Silage plots were harvested with a two-row self-propelled forage harvester. Electronic scales mounted on the chopper measured plot weights. Total plot weight was used to calculate green tons per acre (**GT/A**). Sub samples of fodder plus grain were collected, weighed, oven dried until weight loss was zero, then weighed again to determine the percent dry matter (**%DM**). Dry tons per acre (**DT/A**) was calculated using **GT/A** multiplied by **%DM**. The samples were ground using a 1.0 mm screen before conducting quality analysis using NIR (near infrared reflectance).

Silage Analysis

Tables 7E, 7L, 8E, 8L, 9 and 10 provide silage quality data as determined by NIR analysis on freshly dried samples. Data is provided for individual locations and also averaged over multiple locations. Near infrared spectral analysis involves irradiating the ground sample with light in the near infrared spectrum (1,100 to 2,500 nm). The illuminated sample absorbs light proportional to specific chemical and physical properties. The reflected energy is measured and

correlated statistically with established forage quality levels. Results of the five quality traits analyzed are presented in the quality tables. The five quality traits are:

1. **IVD=(in vitro) digestible dry matter.** IVD is a measure of forage digestibility. Higher IVD is desirable.
2. **ADF=acid detergent fiber.** ADF represents the less digestible portion of the corn forage containing cellulose, lignin, and heat damaged protein. ADF is closely related to the digestibility of forages. Lower ADF implies the forage is more digestible. More mature plant material will contain higher ADF concentrations. A low concentration of ADF is desirable.
3. **NDF=neutral detergent fiber.** NDF is a measure of the fiber content of the corn forage. It is less digestible than non-fiber constituents of the forage. Forages with high NDF levels have lower energy. NDF is also a measure of potential forage intake. High NDF levels decrease the potential forage intake. Low NDF content is desirable.
4. **NDFD=neutral detergent fiber digestibility.** NDFD is the portion of neutral detergent fiber digested by animals at a specified level of feed intake. High NDFD is desirable.
5. **CP=crude protein.** Forages are generally supplemented with high protein concentrates such as soybean meal to increase the protein content of ruminant diets. Corn hybrids with high protein levels require less supplementation and therefore result in lower feed costs. High protein content is desirable.
6. **STARCH=starch.** Starch from the grain, along with the digestible component of the fiber, accounts for the majority of the energy in corn silage.

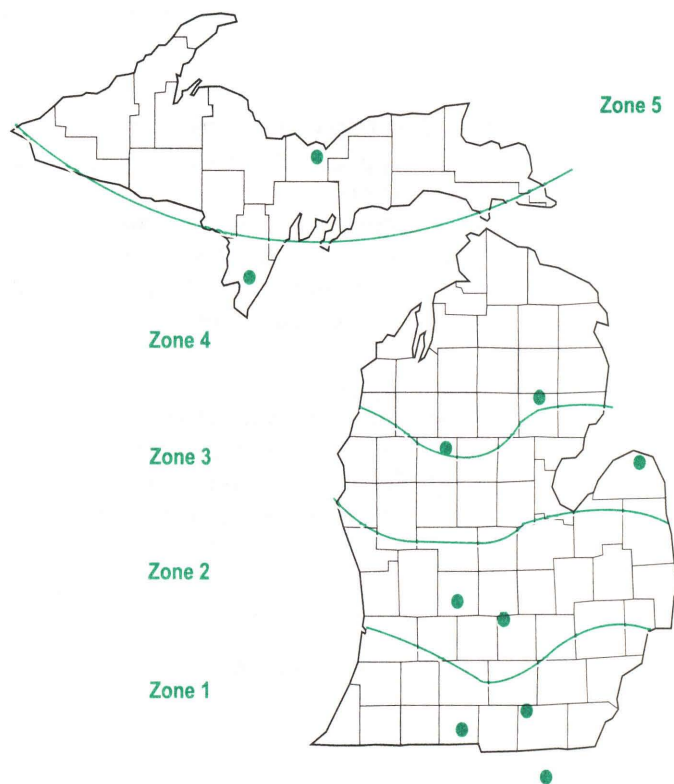
Silage quality traits are reported on a dry matter basis (100 percent DM). Quality traits in these tables are intended for use in hybrid selection only. Analysis for the balancing of feed rations should be analyzed from hybrids grown on each individual farm.

MILK2006

An updated calculation using the MILK2006 equation (UW-Madison Dairy Science Department) was used to estimate MK/T (milk per ton) and MK/A (milk per acre). MILK2006 estimates the dry matter intake using the NDF and CWD (cell wall digestibility) parameters of the sample. The updated equation utilizes CP, fat, and sugar as well as the organic acid fractions along with their total-tract digestibility coefficients to estimate energy. Whole plant dry matter was calculated to 34% for all hybrids and digestibility coefficients used for the fat and sugars as well as the organic acid fractions were held constant. MILK2006 also assumes the weight of the cow is 1,350 lbs. and that it consumes a 30 percent NDF diet. Using National Research Council (NRC, 2001) energy requirements, the estimated intake of energy from corn silage is converted to milk per ton. Milk per acre is then calculated using the estimated values for milk per ton and dry matter yield per acre. For more information on the utility of MILK2006 please see:

www.uwex.edu/ces/crops/uwforage/Milk2006silage.html

2008 Silage Trial Locations



Notes

TABLE C.

AGRONOMIC TABLE FOR SILAGE TRIAL LOCATIONS

COUNTY		PLANTING DATES	HARVEST DATES	PREVIOUS CROP	100 % STAND	AVERAGE STAND	FERTILIZER N - P - K
Zone 1	BRANCH	April 26	Sept. 17	Corn	30,302	29,030	180 - 40 - 40
	LENAWEE	April 30	Sept. 9	Soybeans	30,302	28,969	145 - 40 - 40
	WOOD (OHIO)	May 22	Sept. 3,5	Soybeans	32,000	28,800	210 - 40 - 40
Zone 2	KENT	May 16	Sept. 20,24	Corn	30,302	28,728	184 - 11 - 35
	INGHAM	May 5	Sept. 4,10	Soybeans	30,302	29,090	180 - 40 - 40
	HURON	May 6	Sept. 25 Oct. 2	Sugar Beets	30,302	29,181	115 - 40 - 40
Zone 4	OGEMAW	May 9	Oct. 1	Corn	30,302	28,637	161 - 40 - 40
	OSCEOLA	May 9	Sept. 29	Corn	30,302	29,211	130 - 40 - 40
	MENOMINEE	May 8	Sept. 15,22	Corn	26,460	26,195	100 - 40 - 40 Manure
Z5	ALGER	May 8	Sept. 22	Grass Sod	25,704	24,110	130 - 40 - 40

COUNTY		SOIL TYPE	SOIL TEST	FARM COOPERATOR	LOCATION
Zone 1	BRANCH	Oshtemo Sandy Loam	pH 6.7 P 56, K 105	Kyle Huff	Coldwater
	LENAWEE	Blount Loam	pH 7.3 P 63, K 1160	Bakerlad Farms Blaine Baker	Clayton
	WOOD (OHIO)	Hoytville Clay	pH 5.8 P 152, K 377	Matt Davis OARDC	Hoytville, Ohio
Zone 2	KENT	Capac Loam	pH 6.2 P 49, K 170	Blue Sky Farms	Lowell
	INGHAM	Capac Loam	pH 6.3 P 87, K 99	Crop & Soil Sciences Research Facility, MSU	East Lansing
	HURON	Kilmanagh Loam	pH 6.6 P 476, K 270	Wil-Le Farms Ron, & Ed McCrea	Bad Axe
Zone 4	OGEMAW	Selkirk Loam	pH 7.5 P 19, K 147	Miller Feeds Inc. Travis Miller	Prescott
	OSCEOLA	Isabella Loam	pH 6.6 P 130, K 259	Robert E. Lee	Marion
	MENOMINEE	Onaway Sandy Loam	pH 7.4 P 60, K 195	Dave Johnson	Daggett
Z5	ALGER	Eben Very Cobbly Sandy Loam	pH 7.3 P 97, K 197	Chatham Research Station, MSU	Chatham

SILAGE HYBRID INDEX

The 116 hybrids submitted for testing by 18 seed companies (19 brand names) resulted in 134 individual entries in the 2008 Michigan Corn Performance Trials for silage. The map of Michigan (page 29) shows each zone and the locations where the trials were located. Zones 1 and 2/3 were divided into two maturity groups (designated early and late) on the basis of the maturity ratings (RM) submitted by the companies with results listed in separate tables. Below is a listing of company names, brand names, hybrid numbers, RM, and the table designation - an E (early) or L (late) for each hybrid

ZONE 1 - Tables 7E/7L

Branch
Lenawee
Wood (Ohio)
Trial Average

ZONE 2 - Tables 8E/8L

Huron - Zone 3
Ingham
Kent
Trial Average

ZONE 4 - Table 9

Menominee - Late
Ogemaw
Osceola
Trial Average

ZONE 5 - Table 10

Alger
Menominee - Early
Trial Average

BAYSIDE		RM	TABLE	DYNAGRO - Continued		RM	TABLE	MYCOGEN - Continued		RM	TABLE
BAYSIDE 1582YGCBBR		82	10	DYNAGRO 54T42		100	8E,9	MYCOGEN F2F797		115	7L
				DYNAGRO 55B49		105	7E	MYCOGEN TMF2L416		94	9
BECK S				DYNAGRO 57P28		114	7L	MYCOGEN TMF2T497		100	9
BECK 5335HXR™ ¹		109	7E	DYNAGRO 57V40		111	7L	MYCOGEN TMF2N602		106	8L
BECK 5608VT3		111	7L	DYNAGRO 57V44		112	7L	MYCOGEN TMF2Q716		110	7E,8L
BECK 6733HXTRR		113	7L	DYNAGRO CX08002		102	8E,9	MYCOGEN TMF2W726		111	7L
¹ TM - XL Brand is distributed by Beck s				DYNAGRO V42RP83		102	8E				
Superior Hybrids Inc.				DYNAGRO V4883VT3		108	8L	NuTech			
				DYNAGRO V5373VT3		113	7L	NuTech 3T-484 VT3		84	10
CROPLAN								NuTech 1N-887 CB/LL/RW		86	10
CROPLAN S4900VT		100	8E	G2 GENETICS				NuTech 1B-887 CB/LL		86	10
CROPLAN S6100CR		110	8L	G2 GENETICS 5H-298 RR/HX		96	9	NuTech 3A-390 RR		88	10
				G2 GENETICS 5H-501 RR.HX		100	8E	NuTech 5H-597 RR/HX		96	9
CROW S				G2 GENETICS 3A-704 RR		104	7E	NuTech 3A-098 RR		98	9
CROW S 3848VT3		105	8L	G2 GENETICS 1X-911 HXT/LL		110	7E	NuTech 3T-500A VT3		100	9
CROW S 4846T		110	7E	G2 GENETICS 0A-016		115	7L	NuTech 3T-302 VT3		101	8E
CROW S 5115VT3		112	7L	G2 GENETICS 0A-615		115	7L	NuTech 0C-404 YGCB		104	8E
				G2 GENETICS 1X-716 HXT/LL		116	7L	NuTech 3A-804 GT		104	7E
DAIRYLAND								NuTech 3P-708 RR/YGPL		107	7E
DAIRYLAND Hi DF-3000-6		100	9	GREAT LAKES HYBRIDS				NuTech 3T-310 VT3		110	7E
DAIRYLAND Hi DF-3104		104	8E	GREAT LAKES 4041G3VT3		90	9	NuTech 5X-512 RR/HXT		111	7L
DAIRYLAND Hi DF-3007		106	7E,8L	GREAT LAKES 4297G3		92	8E,9	NuTech 0C-413 YGCB		113	7L
DAIRYLAND Hi DF-3008-4		108	7E,8L	GREAT LAKES 4481G3VT3		94	9	NuTech 3T-514 VT3		114	7L
DAIRYLAND Hi DF-3110-6		110	7E,8L	GREAT LAKES 5416G3VT3		104	8E	PIONEER			
DAIRYLAND Hi DF-3012-6		112	7L					PIONEER 38H72		99	9
DAIRYLAND STEALTH-9196		96	9	HYLAND SEEDS				PIONEER 36V53		102	8E,9
DAIRYLAND STEALTH-8208		108	7E,8L	HYLAND SEEDS HLCVR48		88	10	PIONEER 35F40		105	7E,8L
				HYLAND SEEDS HLSVT50		100	8E	PIONEER 34A89		110	7E,8L
DEKALB				HYLAND SEEDS HLSVT51		101	8E,9	PIONEER 33D14		108	7E,8L
DEKALB DKC33-72 (RR2)		83	10	HYLAND SEEDS HLB77R		105	8L				
DEKALB DKC35-19 (RR2/YGCB)		85	10	JUNG				RENK			
DEKALB DKC38-89 (VT3)		88	9	JUNG 4209RR/YGCB		85	10	RENK RK692CBLLRW		105	8L
DEKALB DKC41-60 (VT3)		91	9	JUNG HDS3091QRR		91	10	RENK RK770VT3		107	8L
DEKALB DKC45-79 (VT3)		95	8E	JUNG HDS65S44		95	10	RENK RK829VT3		112	7L
DEKALB DKC50-44 (VT3)		100	8E					RENK RK844VT3		112	7L
DEKALB DKC54-16 (VT3)		104	7E,8E	LEGACY SEEDS				STEWART SEEDS			
DEKALB DKC54-49 (VT3)		104	8E	LEGACY SEEDS L-4258VT3		103	8E	STEWART SEEDS 4T985		99	8E
DEKALB DKC55-82 (RR2)		105	7E,8L	LEGACY SEEDS L-5350GTCBLL		104	8E	STEWART SEEDS 5T429		101	8E
DEKALB DKC61-19 (VT3)		111	7L	LEGACY SEEDS L-6600HX		110	8L	STEWART SEEDS 6N385		106	8L
DEKALB DKC61-69 (VT3)		111	7L	MIDWEST SEED GENETICS				STEWART SEEDS 6T546		107	7E,8L
DEKALB DKC63-42 (VT3)		113	7L	Midwest Seed Genetics 70505VT3		101	8E	STEWART SEEDS 7K285		109	7E,8L
DEKALB DKC65-63 (VT3)		115	7L	Midwest Seed Genetics 76174VT3		106	8L	STEWART SEEDS 7T231		110	7L
DEKALB DKC66-23 (RR2/YGCB)		116	7L	Midwest Seed Genetics 77012B		110	7E	STEWART SEEDS 7K456		110	7E,8L
DEKALB DKC67-87 (RR2/YGCB)		117	7L	Midwest Seed Genetics 8702R		116	7L	STEWART SEEDS 8T755		112	7L
DEKALB RX940 (RR2)		121	7L					STEWART SEEDS 8T468		114	7L
DYNAGRO				MYCOGEN				TRELAY			
DYNAGRO 51V89		87	10	MYCOGEN F2F487		99	8E	TRELAY 6T226		106	8L
DYNAGRO 52P81		88	10	MYCOGEN F2F568		105	8L	TRELAY 6T672		107	8L
DYNAGRO 52V01		86	10	MYCOGEN F2F725		113	7L				
DYNAGRO 53K69		95	9								
DYNAGRO 53V80		92	10								

TABLE 7E.

BRANCH, LENAWEE & WOOD (OHIO) COUNTY SILAGE TRIALS - EARLY (110 Day and Earlier)

ZONE 1

2008				EARLY - TRIAL AVERAGE										BRANCH - EARLY													
				YIELD				% QUALITY						MILK 2006		YIELD				% QUALITY						MILK 2006	
BRAND / HYBRID	RM	TRT	TRAIT	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
BECK 5335HXR TM	109	P250	1,2,3,4	41.8	17.9	7.4 *	96	81.1	24.5	46.8	59.2	6.1	31.3	3229	24142	45.1	18.9	8.5 *	99	83.9	18.6	37.3	56.7	6.6	42.6	3411	28847
CROW'S 4846T	110	C250	1,2,3	41.6	17.1	7.0	98	80.1	24.2	46.5	56.5	5.9	31.0	3173	22335	50.5	16.1	8.1 *	100	82.9	17.6	35.3	51.6	6.1	45.6	3377	27187
DAIRYLAND Hi DF-3007	106	P250		41.3	18.5	7.5 *	94	81.0	24.2	46.9	58.9	5.8	32.6	3221	24178	44.5	19.2	8.3 *	95	82.0	20.6	39.4	54.1	5.7	41.8	3283	27088
DAIRYLAND Hi DF-3008-4	108	P250	1,3	44.4	15.8	7.0	91	78.0	26.2	52.0	57.4	6.0	30.8	3006	20819	46.9	16.0	7.4	94	77.5	23.5	44.2	49.1	5.9	38.6	2980	21980
DAIRYLAND Hi DF-3110-6	110	P250	1	34.0	21.1	7.1	96	79.0	27.2	50.8	58.2	5.6	26.1	3053	21732	38.8	18.8	7.3	98	78.1	22.8	42.9	49.8	5.5	39.5	3029	22281
DAIRYLAND STEALTH-8208	108	P250	2,3,4	40.4	18.7	7.4 *	97	75.8	28.7	52.7	54.3	5.3	25.6	2875	21018	50.5	15.8	8.0	98	69.5	29.2	52.0	41.6	4.9	31.2	2462	19563
DEKALB DKC54-16 (VT3)	104	P250	1,2,3	46.6	15.9	7.3	92	80.9	22.9	44.7	56.8	5.9	35.9	3227	23567	52.7	16.2	8.4 *	97	80.8	18.9	36.9	48.2	6.0	47.0	3242	27202
DEKALB DKC55-82 (RR2)	105	P250	1	44.9	17.5	7.8 **	95	79.3	25.9	49.0	57.6	6.0	31.1	3112	24348	50.4	17.6	8.9 **	98	81.9	20.4	38.9	53.5	7.1	43.3	3275	28960
DYNAGRO 55B49	105	P250	1,2,3	43.7	15.2	6.6	96	79.5	25.3	48.3	57.6	6.2	31.9	3129	20743	43.3	16.0	6.9	96	81.9	20.8	40.9	55.6	6.5	39.1	3256	22544
G2 GENETICS 1X-911 HXT/LL	110	P250	2,3,4	39.9	19.2	7.5 *	93	79.2	26.4	48.9	57.3	5.9	29.2	3091	23248	44.3	19.3	8.4 *	94	77.7	23.8	43.0	48.8	6.3	37.8	3004	25312
G2 GENETICS 3A-704 RR	104	P250	1	51.2	14.6	7.4 *	89	79.3	24.5	46.7	55.2	5.7	35.8	3136	23282	56.9	13.6	7.7	93	80.9	19.1	36.6	47.8	5.8	48.8	3247	24992
Midwest Seed Genetics 77012B	110	C250	1,2,3	42.1	17.9	7.5 *	88	80.5	24.3	45.4	56.7	5.9	32.8	3180	23810	46.6	17.1	7.9	90	82.1	19.4	37.6	52.2	6.3	42.8	3305	26164
MYCOGEN TMF2Q716	110	C250	1,2,3,4,8	42.2	17.6	7.4 *	96	77.9	28.4	52.6	57.7	5.6	27.3	2992	22174	43.5	19.4	8.3 *	98	77.8	24.9	46.2	52.1	5.8	35.5	2971	24769
NuTech 3A-804 GT	104	C250	1	43.5	15.7	6.8	92	80.1	24.5	46.1	56.3	5.4	32.9	3146	21272	48.0	14.8	7.1	94	79.5	21.0	38.6	46.9	5.6	45.7	3150	22270
NuTech 3P-708 RR/YGPL	107	P250	1,2,3	40.6	16.3	6.5	96	78.0	27.5	51.3	56.7	5.9	27.3	3013	19672	44.1	15.8	7.0	100	79.2	21.6	41.3	49.5	6.4	40.5	3100	21594
NuTech 3T-310 VT3	110	C250	1,2,3,11	42.3	17.7	7.4 *	95	76.8	28.4	52.7	55.3	5.6	28.2	2937	21540	50.2	16.9	8.4 *	98	75.9	24.4	45.2	46.7	5.9	38.8	2881	24133
PIONEER 33D14	108	P250	1,2,3,4,11	39.3	18.4	7.2	81	79.3	28.2	52.7	60.4	5.9	25.9	3062	22077	44.4	18.1	8.0	85	81.2	22.1	42.4	55.5	6.5	38.0	3199	25519
PIONEER 34A89	110	P250	1,2,3,4	40.4	19.0	7.6 *	95	79.1	26.9	50.7	58.5	5.6	29.3	3075	23443	43.8	19.0	8.3 *	98	82.6	20.3	39.7	56.1	5.7	42.0	3316	27431
PIONEER 35F40	105	P250	1,2,4,11,12,14	44.4	16.0	7.0	94	80.0	24.6	46.9	57.1	6.2	34.5	3166	22227	44.9	16.2	7.2	97	80.2	21.3	40.7	51.1	6.4	41.5	3163	22879
STEWART SEEDS 6T546	107	P250	1,2,3	45.1	16.4	7.4 *	100	77.6	26.9	49.7	54.6	5.6	29.9	3004	22102	47.1	17.7	8.3 *	98	76.6	24.4	44.3	47.2	5.7	37.6	2927	24141
STEWART SEEDS 7K285	109	P250	1,2,3	38.8	18.7	7.1	92	79.2	25.7	48.8	56.9	5.9	28.4	3099	22009	38.6	20.4	7.7	95	78.8	22.6	42.0	49.7	6.3	37.1	3071	23504
STEWART SEEDS 7K456	110	P250	1,2,3	44.1	16.3	6.9	97	77.0	26.7	50.2	53.9	5.6	29.9	2972	20596	50.7	14.6	7.3	100	75.4	23.9	44.9	45.4	5.7	38.4	2855	20924
AVERAGE				42.4	17.4	7.2	93.8	79.0	26.0	49.1	57.0	5.8	30.3	3086	22288	46.6	17.2	7.9	96.0	79.4	21.9	41.4	50.4	6.0	40.6	3114	24513
HIGHEST				51.2	21.1	7.8	100.0	81.1	28.7	52.7	60.4	6.2	35.9	3229	24348	56.9	20.4	8.9	100.0	83.9	29.2	52.0	56.7	7.1	48.8	3411	28960
LOWEST				34.0	14.6	6.5	80.5	75.8	22.9	44.7	53.9	5.3	25.6	2875	19672	38.6	13.6	6.9	84.7	69.5	17.6	35.3	41.6	4.9	31.2	2462	19563
CV (%)				9.7	9.9	8.4	5.0	4.2	13.4	10.5	6.0	9.2	16.8	7	11	10.2	10.6	8.4	3.4	4.3	13.2	10.6	8.8	8.3	10.9	7	12
LSD (5%)				3.3	1.4	0.5	3.8	2.7	2.8	4.2	2.8	0.4	4.1	183	2060	5.6	2.1	0.8	4.6	4.0	3.4	5.2	5.3	0.6	5.2	325	3983

2 Year Averages 2008 - 2007				TRIAL AVERAGE												BRANCH - EARLY											
				YIELD				% QUALITY						MILK 2006		YIELD				% QUALITY						MILK 2006	
BRAND / HYBRID	RM	TRT	TRAIT	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
CROW'S 4846T	110	C250	1,2,3	40.0	19.9	7.9 *	98	82.5	21.3	42.4	58.6	6.3	35.0	3362	26710	46.4	19.3	8.8 *	100	83.5	17.9	36.3	54.5	6.4	43.7	3432	30250
DAIRYLAND Hi DF-3007	106	P250		41.2	19.3	7.8 *	97	82.7	21.8	43.7	60.1	6.2	35.4	3358	26384	47.5	18.3	8.5	96	82.7	20.0	39.5	56.1	6.2	41.7	3355	28589
DAIRYLAND Hi DF-3008-4	108	P250	1,3	41.5	18.9	7.7 *	96	81.2	22.3	45.3	58.3	6.5	34.5	3258	25361	45.3	19.0	8.5	97	81.0	20.3	39.8	52.6	6.4	41.1	3249	27982
DEKALB DKC55-82 (RR2)	105	P250	1	43.0	18.9	8.1 *	98	82.7	21.7	43.3	60.3	6.4	36.5	3366	27243	49.0	18.4	9.0 *	99	84.1	18.4	37.2	57.5	7.0	44.2	3454	30950
MYCOGEN TMF2Q716	110	C250	1,2,3,4,8	39.8	20.2	8.0 *	98	80.7	24.7	47.3	59.2	6.0	32.0	3216	25864	41.4	21.5	8.8 *	99	80.0	23.7	44.6	55.3	6.0	36.5	3150	27939
NuTech 3T-310 VT3	110	C250	1,2,3,11	40.5	20.2	8.1 *	96	80.7	23.4	45.5	57.6	6.2	34.0	3232	26260	46.4	20.2	9.2 **	99	80.3	21.1	41.0	52.4	6.4	40.8	3198	29570
PIONEER 33D14	108	P250	1,2,3,4,11	38.3	20.5	7.8 *	90	82.7	23.5	45.9	62.4	6.2	32.8	3332	26285	41.8	20.7	8.5	92	83.0	20.9	41.1	58.8	6.5	38.7	3351	28755
PIONEER 34A89	110	P250	1,2,3,4	39.1	20.9	8.1 **	98	82.3	23.0	45.4	61.3	6.0	33.8	3324	27156	42.7	21.2	9.0 *	99	84.1	18.9	38.2	58.5	6.1	42.2	3446	31130
AVERAGE				40.4	19.9	7.9	96.2	81.9	22.7	44.8	59.7	6.2	34.3	3306	26408	45.1	19.8	8.8	97.6	82.3	20.1	39.7	55.7	6.4	41.1	3329	29396
HIGHEST				43.0	20.9	8.1	98.2	82.7	24.7	47.3	62.4	6.5	36.5	3366	27243	49.0	21.5	9.2	100.0	84.1	23.7	44.6	58.8	7.0	44.2	3454	31130
LOWEST				38.3	18.9	7.7	89.8	80.7	21.3	42.4	57.6	6.0	32.0	3216	25361	41.4	18.3	8.5	92.4	80.0	17.9	36.3	52.4	6.0	36.5	3150	27939
CV (%)				7.8	8.2	7.2	3.8	3.0	10.9	8.4	4.5	7.2	12.2	5	9	8.3	9.0	7.3	2.5	3.1	10.9	8.5	6.3	6.3	8.4	5	10
LSD (5%)				3.2	1.5	0.5	3.5	2.4	2.6	3.8	2.6	0.4	3.9	164	2205	3.2	1.4	0.5	2.4	2.1	1.9	2.8	2.8	0.3	2.9	169	2521

2008				LENAWEE - EARLY										WOOD (OHIO) - EARLY													
				YIELD				% QUALITY						MILK 2006		YIELD				% QUALITY						MILK 2006	
BRAND / HYBRID	RM	TRT	TRAIT	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
BECK 5335HXR ^{TM1}	109	P250	1,2,3,4	43.9	17.1	7.5 *	97	79.5	26.7	49.9	58.9	6.3	28.4	3117	23338	36.4	17.8	6.4	93	79.8	28.3	53.3	62.1	5.5	22.9	3158	20239
CROW'S 4846T	110	C250	1,2,3	40.3	16.3	6.6	100	77.9	26.8	50.9	56.5	6.6	25.7	3021	19759	34.1	18.9	6.4	94	79.4	28.4	53.3	61.4	5.2	21.7	3120	20059
DAIRYLAND Hi DF-3007	106	P250		43.9	16.8	7.3 *	95	79.5	25.8	49.8	58.8	6.4	30.6	3116	22839	35.6	19.5	6.9 *	93	81.5	26.2	51.4	63.9	5.3	25.3	3262	22607
DAIRYLAND Hi DF-3008-4	108	P250	1,3	44.3	15.5	6.8	87	75.8	29.2	60.7	60.7	6.1	27.6	2811	18983	42.0	16.1	6.7 *	93	80.8	26.1	51.2	62.4	5.9	26.1	3226	21494
DAIRYLAND Hi DF-3110-6	110	P250	1	31.0	22.3	6.9	99	78.0	30.1	55.5	60.4	5.6	18.0	2941	20364	32.2	22.2	7.1 *	90	80.8	28.8	54.1	64.5	5.6	20.9	3189	22552
DAIRYLAND STEALTH-8208	108	P250	2,3,4	33.5	21.3	7.1	98	76.6	30.9	56.1	58.6	5.6	18.9	2896	20430	37.2	19.0	7.1 *	95	81.4	25.9	49.9	62.6	5.4	26.6	3269	23061
DEKALB DKC54-16 (VT3)	104	P250	1,2,3	48.8	13.9	6.8	94	80.5	24.4	47.7	59.7	6.4	33.8	3195	21608	38.3	17.7	6.8 *	86	81.4	25.4	49.5	62.5	5.4	26.9	3243	21892
DEKALB DKC55-82 (RR2)	105	P250	1	46.6	17.2	8.0 *	100	76.6	29.5	55.3	57.8	5.8	26.2	2911	23187	37.6	17.7	6.7 *	88	79.6	27.8	52.9	61.4	5.2	23.8	3150	20898
DYNAGRO 55B49	105	P250	1,2,3	43.0	14.1	6.0	98	80.0	25.6	48.7	59.1	6.6	31.5	3157	18997	44.8	15.5	7.0 *	94	76.7	29.5	55.3	58.0	5.4	25.0	2975	20688
G2 GENETICS 1X-911 HXT/LL	110	P250	2,3,4	42.6	18.3	7.7 *	98	77.6	28.9	53.0	57.8	5.6	26.8	2989	23029	32.7	20.1	6.5	86	82.3	26.5	50.8	65.2	5.9	23.0	3280	21404
G2 GENETICS 3A-704 RR	104	P250	1	50.8	15.9	8.0 **	90	77.5	27.6	51.5	56.9	5.9	28.7	2998	24058	45.9	14.4	6.6	84	79.7	26.7	51.9	61.1	5.4	29.9	3163	20797
Midwest Seed Genetics 77012B	110	C250	1,2,3	41.4	17.6	7.3	93	78.8	27.1	49.1	56.9	5.9	27.6	3005	21859	38.4	19.0	7.3 *	81	80.6	26.2	49.6	61.1	5.3	27.9	3232	23406
MYCOGEN TMF2Q716	110	C250	1,2,3,4,8	42.1	16.6	7.0	99	75.5	32.4	58.8	58.5	5.7	21.7	2819	19689	41.0	16.9	6.9 *	92	80.3	27.9	53.0	62.6	5.5	24.8	3186	22063
NuTech 3A-804 GT	104	C250	1	45.5	15.0	6.8	96	78.9	27.1	51.4	59.0	5.5	26.2	3007	20636	37.0	17.4	6.4	86	82.0	25.4	48.5	62.9	5.1	26.8	3280	20911
NuTech 3P-708 RR/YGPL	107	P250	1,2,3	43.5	15.1	6.6	100	73.5	33.6	60.1	56.3	5.9	18.7	2699	17554	34.1	18.1	6.1	90	81.2	27.3	52.3	64.2	5.4	22.7	3241	19869
NuTech 3T-310 VT3	110	C250	1,2,3,11	42.0	15.9	6.7	97	76.7	29.4	54.8	57.8	5.8	26.0	2924	19456	34.6	20.5	7.0 *	90	77.7	31.3	58.0	61.6	5.0	19.8	3005	21031
PIONEER 33D14	108	P250	1,2,3,4,11	37.3	17.7	6.6	80	77.2	32.1	59.1	61.5	5.9	19.5	2900	19222	36.2	19.4	7.0 *	77	79.6	30.4	56.5	64.1	5.2	20.2	3087	21490
PIONEER 34A89	110	P250	1,2,3,4	42.5	17.1	7.2	99	74.9	32.0	58.2	57.1	5.7	23.6	2795	20242	35.1	20.8	7.3 **	89	79.6	28.5	54.2	62.4	5.6	22.4	3113	22657
PIONEER 35F40	105	P250	1,2,4,11,12,14	49.5	14.9	7.4 *	91	80.8	25.0	48.5	60.6	6.4	33.5	3198	23482	38.8	16.8	6.5	94	79.2	27.4	51.6	59.7	5.8	28.6	3135	20321
STEWART SEEDS 6T546	107	P250	1,2,3	47.9	15.3	7.3 *	97	74.7	31.6	57.1	55.8	5.5	23.6	2795	20496	40.5	16.3	6.6	105	81.4	24.8	47.7	61.0	5.5	28.7	3289	21670
STEWART SEEDS 7K285	109	P250	1,2,3	42.1	15.9	6.7	96	79.0	26.6	51.2	59.1	6.0	26.9	3080	20498	35.7	19.8	7.0 *	84	79.7	28.1	53.1	61.9	5.5	21.3	3147	22025
STEWART SEEDS 7K456	110	P250	1,2,3	47.6	14.1	6.7	98	76.0	28.1	52.4	54.3	5.8	29.1	2906	19355	34.1	20.1	6.8 *	94	79.8	28.2	53.3	62.1	5.4	22.2	3155	21508
AVERAGE				43.2	16.5	7.0	95.5	77.5	28.7	53.6	58.3	5.9	26.0	2967	20867	37.4	18.4	6.8	89.9	80.2	27.5	52.3	62.2	5.4	24.4	3178	21484
HIGHEST				50.8	22.3	8.0	100.0	80.8	33.6	60.7	61.5	6.6	33.8	3198	24058	45.9	22.2	7.3	105.2	82.3	31.3	58.0	65.2	5.9	29.9	3289	23406
LOWEST				31.0	13.9	6.0	80.3	73.5	24.4	47.7	54.3	5.5	18.0	2699	17554	32.2	14.4	6.1	76.6	76.7	24.8	47.7	58.0	5.0	19.8	2975	19869
CV (%)				8.6	9.0	8.8	6.6	5.2	15.5	12.2	5.3	10.8	24.2	9	13	10.2	10.0	7.9	4.3	2.8	10.6	8.0	3.9	8.1	17.8	5	10
LSD (5%)				4.4	1.8	0.7	8.9	4.8	5.2	7.7	3.7	0.8	7.4	397	3790	4.5	2.2	0.6	5.5	2.7	3.4	5.0	2.8	0.5	5.1	214	2995

2 Year Averages 2008 - 2007				LENAWEE - EARLY										WOOD (OHIO) - EARLY													
				YIELD				% QUALITY						MILK 2006		YIELD				% QUALITY						MILK 2006	
BRAND / HYBRID	RM	TRT	TRAIT	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
CROW'S 4846T	110	C250	1,2,3	38.2	18.7	7.1	98	81.8	22.6	45.2	60.1	6.8	30.8	3317	23665	35.4	21.7	7.7 *	96	82.3	23.4	45.7	61.2	5.8	30.7	3337	26216
DAIRYLAND Hi DF-3007	106	P250		39.9	18.8	7.4 *	97	82.9	22.0	44.9	62.3	6.6	33.6	3381	25055	36.3	20.8	7.6 *	97	82.4	23.4	46.8	62.0	5.9	31.0	3337	25508
DAIRYLAND Hi DF-3008-4	108	P250	1,3	40.2	18.1	7.1	93	80.3	24.1	50.7	61.7	6.7	30.5	3182	22679	39.1	19.7	7.5	96	82.3	22.5	45.3	60.7	6.4	32.0	3342	25422
DEKALB DKC55-82 (RR2)	105	P250	1	41.9	18.7	7.7 **	100	81.9	23.5	46.8	62.2	6.4	33.1	3309	25536	38.2	19.5	7.5	94	82.1	23.3	46.1	61.1	5.8	32.4	3334	25244
MYCOGEN TMF2Q716	110	C250	1,2,3,4,8	39.3	19.1	7.5 *	99	80.3	25.9	49.6	60.9	6.3	28.4	3197	23971	38.7	20.1	7.7 *	96	81.8	24.6	47.6	61.3	5.8	31.2	3299	25681
NuTech 3T-310 VT3	110	C250	1,2,3,11	38.8	18.4	7.0	98	81.2	23.6	46.6	60.1	6.4	32.1	3269	23119	36.3	21.9	8.0 *	92	80.7	25.4	48.9	60.3	5.7	29.2	3228	26089
PIONEER 33D14	108	P250	1,2,3,4,11	36.7	19.6	7.2 *	89	82.5	25.1	48.8	65.1	6.4	29.3	3319	24101	36.4	21.2	7.7 *	88	82.5	24.7	47.7	63.5	5.8	30.5	3327	25998
PIONEER 34A89	110	P250	1,2,3,4	38.9	19.0	7.3 *	100	80.7	25.8	49.9	62.3	6.2	29.3	3218	23504	35.8	22.4	8.0 **	94	82.2	24.5	48.1	63.2	5.9	29.9	3306	26835
AVERAGE				39.2	18.8	7.3	96.8	81.5	24.1	47.8	61.8	6.5	30.9	3274	23954	37.0	20.9	7.7	94.2	82.0	24.0	47.0	61.6	5.9	30.8	3314	25874
HIGHEST				41.9	19.6	7.7	100.0	82.9	25.9	50.7	65.1	6.8	33.6	3381	25536	39.1	22.4	8.0	96.6	82.5	25.4	48.9	63.5	6.4	32.4	3342	26835
LOWEST				36.7	18.1	7.0	89.2	80.3	22.0	44.9	60.1	6.2	28.4	3182	22679	35.4	19.5	7.5	88.0	80.7	22.5	45.3	60.3	5.7	29.2	3228	25244
CV (%)				7.1	8.0	7.6	5.1	3.7	12.6	9.7	4.0	8.1	17.0	6	10	7.6	7.2	6.2	3.4	2.0	8.6	6.6	3.1	7.1	12.1	3	8
LSD (5%)				2.4	1.2	0.5	4.8	2.4	2.7	4.0	2.0	0.4	4.1	201	2273	2.4	1.2	0.4	3.1	1.4	1.8	2.7	1.6	0.3	2.8	110	1786

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

¹ TM - XL Brand is distributed by Beck's Superior Hybrids Inc.

TABLE 7L.

BRANCH, LENAWEE & WOOD (OHIO) COUNTY SILAGE TRIALS - LATE (111 Day and Later)

ZONE 1

2008				LATE - TRIAL AVERAGE										BRANCH - LATE													
				YIELD				% QUALITY						MILK 2006		YIELD				% QUALITY						MILK 2006	
BRAND / HYBRID	RM	TRT	TRAIT	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
BECK 5608VT3	111	P250	1,2,3	41.4	19.3	7.8 *	92	80.4	24.1	46.0	57.1	5.8	32.4	3217	25127	45.0	18.6	8.3	93	80.2	20.9	39.6	50.5	5.9	41.5	3225	26750
BECK 6733HXTRR	113	P250	1,2,3,4	40.2	19.5	7.7 *	94	81.2	24.1	46.3	59.2	5.9	30.5	3222	24964	39.4	22.0	8.7	95	82.9	21.0	41.1	58.4	5.6	37.5	3369	29217
CROW'S 5115VT3	112	C250	1,2,3	40.7	19.2	7.8 *	95	80.6	24.6	46.9	58.5	5.7	31.2	3204	25007	42.8	19.3	8.2	99	80.7	22.6	43.2	55.5	5.5	37.1	3223	26590
DAIRYLAND HI DF-3012-6	112	P250	1	38.2	20.7	7.9 *	91	81.2	24.9	46.7	59.3	5.7	30.7	3250	25624	41.5	20.4	8.5	99	83.7	19.1	37.3	56.1	5.5	42.5	3446	29155
DEKALB DKC61-19 (VT3)	111	P250	1	41.7	17.5	7.0	95	78.6	26.8	50.3	57.3	5.5	30.0	3050	21567	39.8	21.1	8.4	98	81.9	20.5	39.9	54.6	5.7	40.1	3321	27794
DEKALB DKC61-69 (VT3)	111	P250	1,2,3	42.9	19.3	8.2 *	94	82.8	21.4	41.6	58.4	6.2	37.1	3385	27805	42.9	20.9	9.0 *	98	83.7	19.4	37.0	55.7	5.8	41.8	3446	30934
DEKALB DKC63-42 (VT3)	113	P250	1,2,3	41.9	18.0	7.5	96	79.8	24.6	47.3	57.3	5.7	32.6	3171	23712	41.1	16.8	6.9	99	80.1	23.3	45.1	55.9	5.6	36.5	3173	21817
DEKALB DKC65-63 (VT3)	115	P250	1,2,3	39.8	19.2	7.6	92	80.2	24.9	47.0	57.8	5.8	31.3	3196	24159	41.3	20.1	8.2	97	81.2	22.1	42.1	55.4	6.3	35.9	3260	26575
DEKALB DKC66-23 (RR2/YGCB)	116	P250	1,2	41.5	18.0	7.4	95	78.2	26.6	50.0	56.4	5.6	30.4	3054	22491	43.2	16.9	7.3	96	74.5	28.1	50.8	49.9	4.8	32.3	2814	20419
DEKALB DKC67-87 (RR2/YGCB)	117	P250	1,2	38.2	21.6	8.2 **	96	79.9	25.6	47.5	57.4	5.7	28.8	3150	25923	42.3	22.0	9.3 *	98	80.8	22.7	42.6	55.0	5.4	36.2	3238	30039
DEKALB RX940 (RR2)	121	P250	1	33.2	23.6	7.8 *	94	78.2	29.1	52.4	58.4	5.8	23.9	3037	23589	31.8	25.9	8.2	97	77.0	29.0	50.8	54.7	5.7	24.9	2945	24227
DYNAGRO 57P28	114	P250	1,2	37.3	19.1	7.1	72	82.4	22.6	44.5	60.3	6.4	30.3	3328	23569	36.9	19.8	7.3	69	82.7	21.5	42.5	59.4	6.4	32.8	3340	24299
DYNAGRO 57V40	111	P250	1,2,3,14	40.5	18.5	7.5	95	77.0	28.3	51.9	55.3	5.5	27.8	2982	22422	43.1	20.6	8.9 *	98	79.1	22.3	42.1	50.5	5.2	40.4	3146	27876
DYNAGRO 57V44	112	P250	1,2,3	40.7	19.6	7.9 *	96	79.3	25.9	48.5	57.1	5.8	28.3	3061	24173	48.5	18.7	9.0 *	99	79.1	23.3	43.6	52.0	5.1	38.4	3131	28245
DYNAGRO V5373VT3	113	P250	1,2,3	36.8	21.2	7.7 *	98	80.8	25.5	48.3	60.3	5.8	28.4	3206	24852	35.7	23.0	8.1	98	78.9	27.0	49.4	57.4	5.5	28.8	3065	24964
G2 GENETICS 0A-016	115	P250		40.7	18.7	7.6	83	81.1	24.3	46.9	59.9	6.2	30.6	3247	24644	38.7	19.5	7.5	81	83.7	20.6	40.8	60.0	6.4	35.2	3410	25639
G2 GENETICS 0A-615	115	P250		41.8	19.5	7.9 *	92	78.7	28.4	52.8	59.4	5.5	26.2	3061	24395	41.2	23.2	9.5 **	94	80.9	22.9	43.2	55.8	5.7	37.6	3235	30623
G2 GENETICS 1X-716 HXT/LL	116	P250	2,3,4	37.5	20.2	7.5	94	81.7	23.7	45.5	59.7	6.3	30.0	3282	24783	37.2	22.8	8.5	97	84.0	19.9	39.0	58.7	6.3	39.1	3444	29187
Midwest Seed Genetics 8702R	116	C250	1	37.1	21.6	8.0 *	94	80.8	24.9	46.8	59.0	6.1	30.7	3230	25889	36.8	22.6	8.3	99	81.4	23.0	42.0	55.6	6.1	36.4	3270	27236
MYCOGEN F2F725	113	C250	3,4,7	35.3	18.8	6.6	95	86.5	21.6	44.9	69.6	6.2	28.6	3482	23103	36.7	17.1	6.3	99	86.2	19.4	40.7	66.0	6.1	35.4	3549	22287
MYCOGEN F2F797	115	C250	7	34.6	20.0	6.9	93	85.4	23.7	47.7	69.1	5.8	25.7	3320	22916	37.7	19.6	7.4	98	85.1	20.9	42.3	64.8	5.9	34.2	3472	25634
MYCOGEN TMF2W726	111	C250	1,2,3,4,8	35.5	22.9	8.1 *	96	81.2	25.2	47.4	60.2	5.8	28.1	3208	26028	36.2	23.4	8.5	99	82.8	22.6	42.6	59.4	5.8	35.1	3343	28250
NuTech 0C-413 YGCB	113	P250	2	38.6	19.9	7.6	94	79.1	26.0	49.5	57.8	5.7	29.3	3114	23731	39.0	19.6	7.6	96	79.6	23.7	46.4	56.1	5.6	34.1	3133	23834
NuTech 3T-514 VT3	114	P250	1,2,3	37.9	20.5	7.7 *	94	78.0	27.2	50.6	56.8	5.7	26.7	3018	23285	41.3	20.3	8.4	97	77.3	26.9	49.3	54.4	5.0	31.3	2983	25146
NuTech 5X-512 RR/HXT	111	P250	1,2,3,4	38.3	19.5	7.5	91	78.3	27.3	50.8	57.1	5.2	26.3	3007	22633	44.3	20.1	8.9 *	92	78.1	24.9	46.7	53.2	4.8	35.9	3052	27101
RENK RK829VT3	112	P250	1,2,3	39.5	19.3	7.6	97	78.6	26.1	49.2	56.3	5.7	29.8	3073	23414	44.0	19.0	8.4	100	78.4	23.0	43.7	50.7	5.6	38.9	3092	26023
RENK RK844VT3	112	P250	1,2,3	41.3	19.3	7.9 *	96	81.1	24.0	45.7	58.5	6.0	32.0	3231	25659	43.2	18.6	8.0	100	81.3	21.5	41.7	55.2	5.8	37.9	3272	26079
STEWART SEEDS 7T231	110	P250	1,2,3	39.6	19.6	7.7 *	97	80.7	24.9	47.6	59.3	5.6	30.7	3217	24800	39.7	21.6	8.6	99	82.3	21.2	41.5	57.4	5.6	38.3	3329	28571
STEWART SEEDS 8T468	114	P250	1,2,3	37.9	20.2	7.6	97	81.7	23.7	45.9	59.8	5.6	31.8	3286	25136	37.0	20.8	7.7	99	83.2	19.5	38.4	56.2	6.0	39.3	3404	26236
STEWART SEEDS 8T755	112	P250	1,2,3	41.4	18.9	7.8 *	95	81.0	23.3	44.6	57.4	5.8	33.3	3256	25454	42.7	20.8	8.9 *	98	81.5	21.0	40.5	54.2	5.8	38.3	3293	29384
AVERAGE				39.1	19.8	7.6	93.4	80.5	25.1	47.7	59.0	5.8	29.8	3185	24362	40.4	20.5	8.2	96.1	81.1	22.4	42.9	55.9	5.7	36.4	3247	26671
HIGHEST				42.9	23.6	8.2	98.3	86.5	29.1	52.8	69.6	6.4	37.1	3482	27805	48.5	25.9	9.5	100.0	86.2	29.0	50.8	66.0	6.4	42.5	3549	30934
LOWEST				33.2	17.5	6.6	71.6	77.0	21.4	41.6	55.3	5.2	23.9	2982	21567	31.8	16.8	6.3	69.4	74.5	19.1	37.0	49.9	4.8	24.9	2814	20419
CV (%)				8.3	8.4	8.1	3.9	3.1	11.5	9.0	4.7	8.9	14.8	5	11	7.6	8.0	7.7	3.7	3.2	11.2	8.8	6.6	8.9	10.6	5	11
LSD (5%)				2.6	1.3	0.5	2.9	2.0	2.3	3.4	2.2	0.4	3.5	140	2178	3.6	1.9	0.7	4.9	3.0	3.0	4.4	4.3	0.6	4.6	242	4099

2 Year Averages 2008 - 2007				LATE - TRIAL AVERAGE												BRANCH - LATE											
				YIELD				% QUALITY						MILK 2006		YIELD				% QUALITY						MILK 2006	
BRAND / HYBRID	RM	TRT	TRAIT	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
DAIRYLAND HI DF-3012-6	112	P250	1	38.8	21.7	8.4 **	94	83.5	21.5	42.1	60.7	6.0	34.4	3423	28954	41.4	21.4	8.8 **	99	85.0	18.2	36.6	59.0	5.9	42.0	3551	31412
DEKALB DKC63-42 (VT3)	113	P250	1,2,3	40.9	20.2	8.2 *	97	82.4	21.1	42.2	58.4	6.2	36.8	3368	27818	39.9	19.4	7.7	99	82.9	20.7	41.4	59.0	6.2	38.6	3390	26253
MYCOGEN F2F797	115	C250	7	35.9	20.2	7.2	96	86.4	21.4	44.0	68.8	6.2	30.3	3495	25414	38.3	19.3	7.4	98	86.0	20.4	41.9	66.5	6.3	34.3	3559	26215
AVERAGE				38.5	20.7	7.9	95.7	84.1	21.3	42.8	62.6	6.1	33.8	3429	27395	39.9	20.0	8.0	98.6	84.6	19.8	40.0	61.5	6.1	38.3	3500	27960
HIGHEST				40.9	21.7	8.4	96.9	86.4	21.5	44.0	68.8	6.2	36.8	3495	28954	41.4	21.4	8.8	99.1	86.0	20.7	41.9	66.5	6.3	42.0	3559	31412
LOWEST				35.9	20.2	7.2	94.2	82.4	21.1	42.1	58.4	6.0	30.3	3368	25414	38.3	19.3	7.4	97.9	82.9	18.2	36.6	59.0	5.9	34.3	3390	26215
CV (%)				6.7	7.5	7.2	3.8	2.3	9.0	7.1	3.8	7.2	11.9	4	9	6.6	7.0	6.5	3.4	2.4	9.2	7.2	4.9	7.1	9.0	4	9
LSD (5%)				2.6	1.5	0.5	3.5	1.8	2.2	3.3	2.2	0.4	3.6	131	2317	2.2	1.2	0.4	3.2	1.6	1.7	2.5	2.3	0.3	2.7	129	2344

2008				LENAWEE - LATE										WOOD (OHIO) - LATE													
				YIELD				% QUALITY						MILK 2006		YIELD				% QUALITY						MILK 2006	
BRAND / HYBRID	RM	TRT	TRAIT	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
BECK 5608VT3	111	P250	1,2,3	45.4	17.6	7.9	97	81.3	23.9	46.4	59.6	6.0	33.1	3262	25694	33.7	21.6	7.3	85	79.9	27.6	52.0	61.4	5.4	22.8	3163	22936
BECK 6733HXTRR	113	P250	1,2,3,4	47.2	16.5	7.7	98	81.1	23.9	46.5	59.1	6.4	33.1	3247	24928	33.9	20.1	6.8	90	79.5	27.6	51.3	60.0	5.7	20.8	3052	20747
CROW'S 5115VT3	112	C250	1,2,3	42.7	19.6	8.3 *	98	79.6	25.4	48.1	57.5	6.1	31.5	3156	26121	36.7	18.8	6.9	88	81.5	25.6	49.5	62.6	5.4	25.1	3234	22311
DAIRYLAND Hi DF-3012-6	112	P250	1	40.6	19.8	8.0	90	79.4	28.3	52.7	60.8	6.0	25.8	3101	24791	32.6	21.8	7.2	85	80.5	27.3	50.2	61.1	5.5	23.7	3204	22927
DEKALB DKC61-19 (VT3)	111	P250	1	53.8	11.9	6.4	98	77.3	28.6	53.9	57.9	6.1	27.8	2977	19207	31.6	19.6	6.2	89	76.6	31.4	57.1	59.3	4.8	22.2	2853	17700
DEKALB DKC61-69 (VT3)	111	P250	1,2,3	48.1	16.0	7.7	95	83.7	19.9	39.6	58.7	6.6	40.7	3451	26523	37.8	21.0	8.0 *	88	81.1	25.0	48.1	60.8	6.1	28.8	3260	25957
DEKALB DKC63-42 (VT3)	113	P250	1,2,3	45.3	16.7	7.5	99	80.0	24.3	46.7	57.4	6.0	33.2	3193	24017	39.3	20.6	8.1 *	90	79.3	26.2	50.0	58.6	5.6	28.1	3146	25301
DEKALB DKC65-63 (VT3)	115	P250	1,2,3	41.8	18.4	7.6	97	80.0	25.3	47.7	58.3	5.8	32.1	3184	24194	36.3	19.0	6.9	83	79.4	27.3	51.1	59.7	5.2	25.9	3144	21707
DEKALB DKC66-23 (RR2/YGCB)	116	P250	1,2	44.3	17.0	7.4	98	78.7	27.3	51.8	58.8	6.2	27.8	3070	22802	37.0	20.0	7.4 *	91	81.3	24.4	47.4	60.6	5.9	31.2	3279	24253
DEKALB DKC67-87 (RR2/YGCB)	117	P250	1,2	39.1	20.7	8.0	98	79.7	25.7	47.7	57.5	6.1	29.5	3166	25399	33.2	22.1	7.3	92	79.1	28.3	52.1	59.8	5.6	20.7	3045	22331
DEKALB RX940 (RR2)	121	P250	1	35.2	21.3	7.4	97	77.3	30.0	54.0	57.9	5.6	23.6	2980	22076	32.7	23.5	7.7 *	88	80.4	28.4	52.4	62.7	6.0	23.2	3185	24464
DYNAGRO 57P28	114	P250	1,2	39.8	17.2	6.8	66	82.4	22.2	43.9	59.8	6.7	31.2	3343	22662	35.2	20.4	7.2	79	82.0	24.1	47.0	61.8	6.1	27.0	3302	23746
DYNAGRO 57V40	111	P250	1,2,3,14	43.2	16.3	7.0	98	77.3	29.2	53.6	57.7	5.8	25.2	2982	20815	35.4	18.5	6.6	89	74.8	33.4	59.9	57.9	5.6	17.8	2819	18577
DYNAGRO 57V44	112	P250	1,2,3	36.6	20.2	7.4	98	80.7	26.7	50.6	61.8	6.2	20.7	2975	22061	36.9	19.8	7.2	90	78.3	27.7	51.3	57.5	6.0	25.7	3077	22212
DYNAGRO V5373VT3	113	P250	1,2,3	38.2	19.4	7.4	100	81.2	24.9	47.6	60.5	6.0	27.9	3224	23862	36.6	21.2	7.7 *	97	82.4	24.8	47.9	63.0	5.7	28.6	3329	25729
G2 GENETICS 0A-016	115	P250		45.5	18.1	8.2 *	91	78.9	27.5	51.6	59.4	6.3	29.1	3087	25395	38.0	18.5	7.1	78	80.9	24.7	48.3	60.4	5.9	27.5	3245	22897
G2 GENETICS 0A-615	115	P250		50.2	14.4	7.2	94	76.1	32.3	59.9	60.1	5.7	21.4	2859	20587	34.0	20.9	7.1	88	79.1	30.1	55.4	62.3	5.3	19.7	3088	21975
G2 GENETICS 1X-716 HXT/LL	116	P250	2,3,4	41.8	17.3	7.2	95	81.6	23.7	45.8	60.0	6.5	30.2	3286	23730	33.5	20.6	6.9	90	79.5	27.5	51.7	60.4	6.1	20.7	3116	21432
Midwest Seed Genetics 8702R	116	C250	1	41.3	20.4	8.4 *	96	81.3	24.2	46.9	60.4	6.3	30.8	3260	27554	33.3	21.9	7.3	86	79.8	27.6	51.5	60.9	6.0	25.0	3159	22877
MYCOGEN F2F725	113	C250	3,4,7	37.6	19.5	7.3	99	86.5	21.9	45.1	70.0	6.4	28.8	3519	25793	31.6	19.9	6.3	88	86.8	23.7	48.9	72.9	6.1	21.7	3380	21231
MYCOGEN F2F797	115	C250	7	37.0	19.3	7.1	97	84.1	25.2	49.5	67.7	5.9	25.1	3282	23368	29.3	21.1	6.2	85	87.1	25.0	51.4	74.8	5.5	17.6	3204	19747
MYCOGEN TMF2W726	111	C250	1,2,3,4,8	37.0	22.7	8.3 *	99	81.2	25.3	47.4	60.3	6.0	29.3	3249	27023	33.3	22.5	7.5 *	90	79.5	27.8	52.1	60.8	5.5	20.0	3031	22812
NuTech 0C-413 YGCB	113	P250	2	41.4	18.4	7.6	99	78.9	26.6	50.1	58.0	6.2	28.4	3100	23466	35.5	21.6	7.7 *	87	78.9	27.8	52.1	59.4	5.3	25.5	3110	23894
NuTech 3T-514 VT3	114	P250	1,2,3	40.4	18.3	7.3	98	79.2	26.3	49.9	58.6	6.4	27.9	3120	22934	32.0	23.0	7.4 *	87	77.6	28.4	52.6	57.5	5.8	20.9	2952	21776
NuTech 5X-512 RR/HXT	111	P250	1,2,3,4	33.9	17.6	5.9	97	76.0	31.7	57.3	58.1	5.3	14.4	2735	16206	36.7	20.7	7.6 *	84	80.7	25.2	48.4	60.1	5.6	28.7	3236	24591
RENK RK829VT3	112	P250	1,2,3	40.3	18.8	7.5	99	78.5	27.2	50.9	57.6	5.9	28.8	3070	23048	34.3	20.0	6.9	93	78.9	28.1	53.2	60.4	5.6	21.8	3055	21170
RENK RK844VT3	112	P250	1,2,3	45.9	19.6	8.9 **	99	81.0	24.8	46.1	58.8	6.4	32.9	3247	28910	34.9	19.7	6.9	89	81.0	25.6	49.2	61.5	5.7	25.2	3174	21987
STEWART SEEDS 7T231	110	P250	1,2,3	43.7	17.2	7.4	100	78.8	27.7	51.4	58.6	5.8	27.7	3082	22941	35.3	20.0	7.1	91	81.0	26.0	49.9	61.8	5.3	26.1	3239	22888
STEWART SEEDS 8T468	114	P250	1,2,3	39.9	17.7	7.1	98	79.5	28.1	53.0	61.4	5.3	25.6	3107	21963	36.8	22.2	8.1 **	93	82.4	23.6	46.2	61.8	5.7	30.6	3347	27208
STEWART SEEDS 8T755	112	P250	1,2,3	43.2	16.0	6.9	98	79.0	25.3	47.6	56.2	5.9	31.4	3130	21467	38.2	20.0	7.6 *	88	82.4	23.7	45.7	61.7	5.6	30.3	3347	25510
AVERAGE				42.0	18.1	7.5	96.2	80.0	26.1	49.4	59.6	6.1	28.5	3148	23651	34.8	20.7	7.2	88.0	80.4	26.8	50.8	61.4	5.6	24.4	3159	22763
HIGHEST				53.8	22.7	8.9	100.0	86.5	32.3	59.9	70.0	6.7	40.7	3519	28910	39.3	23.5	8.1	96.9	87.1	33.4	59.9	74.8	6.1	31.2	3380	27208
LOWEST				33.9	11.9	5.9	66.0	76.0	19.9	39.6	56.2	5.3	14.4	2735	16206	29.3	18.5	6.2	77.9	74.8	23.6	45.7	57.5	4.8	17.6	2819	17700
CV (%)				9.2	11.3	8.4	4.0	3.3	12.6	10.0	4.0	7.4	17.5	6	11	7.7	5.6	8.2	4.0	2.7	10.5	8.0	3.3	10.4	17.6	5	11
LSD (5%)				4.5	2.4	0.7	5.4	3.1	3.9	5.8	2.8	0.5	5.9	266	3764	3.1	1.4	0.7	4.9	2.6	3.3	4.8	2.4	0.7	5.1	223	3539

2 Year Averages 2008 - 2007				LENAWEE - LATE										WOOD (OHIO) - LATE														
				YIELD				% QUALITY						MILK 2006		YIELD				% QUALITY						MILK 2006		
BRAND / HYBRID		RM	TRT	TRAIT	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
DAIRYLAND Hi DF-3012-6		112	P250	1	39.6	20.1	7.9 *	94	82.6	23.5	46.0	62.3	6.4	29.6	3336	26400	35.3	23.8	8.5 *	90	82.8	22.8	43.8	60.8	5.9	31.7	3382	29049
DEKALB DKC63-42 (VT3)		113	P250	1,2,3	43.0	18.9	8.1 **	99	82.7	20.3	41.0	58.0	6.4	36.5	3402	27537	39.9	22.2	8.9 **	93	81.6	22.4	44.1	58.2	6.0	35.2	3314	29664
MYCOGEN F2F797		115	C250	7	36.9	20.0	7.4	97	86.0	21.6	44.0	68.3	6.3	30.1	3511	25956	32.6	21.3	7.0	93	87.0	22.2	46.3	71.6	6.0	26.6	3415	24072
AVERAGE				39.8	19.7	7.8	96.4	83.8	21.8	43.7	62.9	6.4	32.0	3416	26631	35.9	22.4	8.1	92.0	83.8	22.5	44.7	63.5	6.0	31.2	3370	27595	
HIGHEST				43.0	20.1	8.1	98.8	86.0	23.5	46.0	68.3	6.4	36.5	3511	27537	39.9	23.8	8.9	93.0	87.0	22.8	46.3	71.6	6.0	35.2	3415	29664	
LOWEST				36.9	18.9	7.4	93.5	82.6	20.3	41.0	58.0	6.3	29.6	3336	25956	32.6	21.3	7.0	90.2	81.6	22.2	43.8	58.2	5.9	26.6	3314	24072	
CV (%)				7.1	9.2	7.5	4.0	2.4	9.7	7.8	3.4	6.1	14.2	5	10	5.9	5.6	6.9	4.3	2.0	8.2	6.3	2.9	8.1	13.0	4	9	
LSD (5%)				2.4	1.4	0.5	3.8	1.6	2.0	3.1	1.7	0.3	3.4	147	2411	1.7	1.0	0.4	3.7	1.3	1.8	2.6	1.5	0.4	2.8	116	2082	

** Highest Yielding Hybrid

TABLE 8E.

HURON, INGHAM & KENT COUNTY SILAGE TRIALS - EARLY (104 Day and Earlier)

ZONE 2 - 3

2008				EARLY - TRIAL AVERAGE										HURON - EARLY													
				YIELD				% QUALITY						MILK 2006		YIELD				% QUALITY						MILK 2006	
BRAND / HYBRID	RM	TRT	TRAIT	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
CROPLAN S4900VT	100	C250	1,3	35.7	21.4	7.6	96	78.2	28.0	52.0	58.0	5.9	27.1	3040	23087	36.8	26.1	9.6	95	76.0	28.4	51.3	53.3	6.9	27.2	2904	27771
DAIRYLAND HI DF-3104	104	P250		31.6	24.7	7.8	98	79.5	26.1	47.5	56.9	6.0	27.7	3128	24226	30.0	31.8	9.5	100	78.5	27.0	49.3	56.6	7.1	24.0	3029	28800
DEKALB DKC45-79 (VT3)	95	P250	1,2,3	35.8	20.3	7.2	99	81.6	23.7	45.6	59.6	6.1	33.0	3286	23603	34.3	25.1	8.6	98	82.4	21.7	41.6	57.7	7.2	34.9	3340	28514
DEKALB DKC50-44 (VT3)	100	P250	1,2,3	36.4	21.1	7.6	98	81.7	24.8	47.4	61.3	6.0	34.1	3271	25014	36.2	23.3	8.4	99	80.4	24.8	46.6	57.9	6.6	33.5	3188	26900
DEKALB DKC54-16 (VT3)	104	P250	1,2,3	37.1	22.2	8.3 *	96	79.2	26.7	49.9	58.3	5.6	29.0	3118	25985	40.0	26.7	10.6 **	98	80.4	23.8	45.0	56.3	6.7	33.4	3200	33845
DEKALB DKC54-49 (VT3)	104	P250	1,2,3	33.2	23.0	7.6	95	79.6	26.6	48.7	57.9	6.1	28.4	3145	23919	33.1	28.3	9.3	98	79.9	24.9	45.4	55.8	7.0	29.7	3171	29592
DYNAGRO 54T42	100	P250	1,2,3,4	34.1	24.3	8.2 *	97	81.8	23.6	44.9	59.5	6.1	33.6	3300	26961	31.3	31.4	9.8 *	98	81.2	24.1	45.7	59.1	7.4	30.6	3236	31760
DYNAGRO CX08002	102	P250	1	35.0	23.4	8.1 *	100	82.1	23.7	44.9	60.1	6.2	30.7	3294	26939	32.8	29.8	9.8 *	100	83.0	22.6	43.7	61.1	7.3	27.5	3292	32090
DYNAGRO V42RP83	102	P250	1,2,3	34.6	23.3	7.9 *	94	80.8	24.7	47.3	59.5	6.6	28.9	3222	25497	30.0	29.3	8.8	95	81.6	24.0	46.2	60.2	7.6	26.6	3244	28487
G2 GENETICS 5H-501 RR.HX	100	P250	1,2,4	34.4	23.3	8.0 *	92	81.2	25.2	46.7	60.0	6.3	29.4	3245	25828	33.0	29.0	9.5	92	80.5	25.9	46.9	58.4	7.3	25.0	3168	30211
GREAT LAKES 4297G3	92	P250	1,2,3	40.4	18.6	7.6	97	81.9	22.1	43.3	57.9	6.3	36.6	3317	24988	42.5	20.7	8.8	97	81.4	21.5	41.5	54.9	7.0	37.0	3285	28944
GREAT LAKES 5416G3VT3	104	P250	1,2,3	34.1	22.7	7.7	95	81.0	24.6	46.3	59.1	6.3	30.7	3246	25099	34.8	27.0	9.3	95	80.7	23.8	45.6	57.7	7.2	30.6	3214	29993
HYLAND SEEDS HLSVT50	100	P250	1,2,3	36.4	19.8	7.2	95	79.1	26.3	48.7	57.0	5.9	31.1	3120	22447	40.8	20.0	8.1	93	77.4	26.4	47.3	52.2	7.3	31.2	3014	24536
HYLAND SEEDS HLSVT51	101	P250	1,2,3	32.2	24.3	7.8	93	79.7	27.0	49.8	59.3	6.2	26.6	3141	24391	31.8	30.3	9.6	94	78.1	27.4	50.2	56.3	7.8	25.2	3021	29025
LEGACY SEEDS L-4258RRBICRW	103		1,2,3	35.5	22.7	7.9 *	97	82.1	23.8	46.1	61.0	6.4	30.5	3300	26223	33.3	29.0	9.6	97	82.2	24.2	46.4	61.8	7.6	27.1	3278	31508
LEGACY SEEDS L-5350CBLLGT	104	C250	2,3,4	35.1	24.0	8.4 *	96	82.3	22.4	42.8	58.7	6.3	34.2	3333	27873	34.3	29.7	10.2 *	94	81.7	22.6	44.4	58.8	8.0	27.9	3229	32793
Midwest Seed Genetics 70505VT3	101	C250	1,2,3	35.2	22.6	8.0 *	99	80.9	25.3	47.1	59.1	6.1	29.8	3208	25749	38.2	27.1	10.4 *	98	81.0	23.4	41.2	53.9	7.0	33.3	3204	33451
MYCOGEN F2F487	99	C250	2,4,7	33.5	21.2	7.1	92	85.2	23.2	46.4	68.2	6.7	28.2	3431	24183	30.5	25.7	7.8	90	83.8	24.9	49.0	66.8	7.2	22.3	3236	25185
NuTech OC-404 YGCB	104	P250	2	35.6	23.7	8.4 **	99	81.3	23.0	44.7	58.2	6.4	35.6	3275	27551	36.1	28.4	10.2 *	99	79.8	23.4	44.6	54.9	7.0	36.1	3173	32588
NuTech 3T-302 VT3	101	C250	1,2,3	35.3	23.1	8.0 *	99	82.0	23.3	44.4	59.4	6.1	31.8	3314	26611	31.4	28.4	8.9	99	80.8	25.4	47.6	59.8	7.2	24.7	3189	28467
PIONEER 36V53	102	P250	1,2,4	33.2	23.4	7.7	98	81.5	24.8	46.7	60.4	6.3	32.4	3266	25132	31.1	28.0	8.7	98	79.5	26.2	48.0	57.3	7.4	28.5	3124	27268
STEWART SEEDS 4T985	99	P250	1,2,3	37.0	21.4	7.9 *	99	80.1	24.2	45.2	56.1	6.0	33.6	3207	25185	34.9	25.9	9.0	100	78.8	24.9	46.6	54.8	6.9	30.2	3097	27981
STEWART SEEDS 5T429	101	P250	1,2,3	34.4	21.1	7.2	91	80.3	25.4	46.6	57.5	6.0	31.2	3175	22971	33.0	26.3	8.7	90	80.7	24.7	46.9	58.8	6.8	30.4	3198	27854
AVERAGE				35.0	22.4	7.8	96.2	81.0	24.7	46.6	59.3	6.2	31.0	3234	25194	34.3	27.3	9.3	96.4	80.4	24.6	46.1	57.6	7.2	29.4	3175	29459
HIGHEST				40.4	24.7	8.4	99.7	85.2	28.0	52.0	68.2	6.7	36.6	3431	27873	42.5	31.8	10.6	100.0	83.8	28.4	51.3	66.8	8.0	37.0	3340	33845
LOWEST				31.6	18.6	7.1	91.1	78.2	22.1	42.8	56.1	5.6	26.6	3040	22447	30.0	20.0	7.8	89.7	76.0	21.5	41.2	52.2	6.6	22.3	2904	24536
CV (%)				8.2	6.8	8.4	3.6	2.8	10.6	8.7	5.3	7.8	13.7	5	11	7.9	6.2	7.1	3.0	3.3	11.2	8.8	5.6	6.6	14.7	6	11
LSD (5%)				2.3	1.2	0.5	2.8	1.8	2.1	3.3	2.5	0.4	3.4	124	2286	3.2	2.0	0.8	4.1	3.1	3.2	4.8	3.8	0.6	5.1	252	4652

2 Year Averages 2008 - 2007				EARLY - TRIAL AVERAGE												HURON - EARLY											
				YIELD				% QUALITY						MILK 2006		YIELD				% QUALITY						MILK 2006	
BRAND / HYBRID	RM	TRT	TRAIT	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
DYNAGRO 54T42	100	P250	1,2,3,4	33.5	23.6	7.8	97	83.4	22.2	43.5	61.8	6.2	34.8	3423	26738	32.0	25.3	8.0	97	83.5	22.3	44.0	63.0	6.8	33.1	3432	27302

2008				INGHAM - EARLY										KENT - EARLY													
				YIELD				% QUALITY						MILK 2006		YIELD				% QUALITY						MILK 2006	
BRAND / HYBRID	RM	TRT	TRAIT	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
CROPLAN S4900VT	100	C250	1,3	34.4	17.9	6.1	95	79.7	26.4	49.3	58.8	6.3	29.8	3170	19453	35.9	20.3	7.2	97	78.9	29.3	55.5	62.0	4.4	24.3	3046	22037
DAIRYLAND Hi DF-3104	104	P250		31.6	22.8	7.2 *	97	81.1	24.4	45.0	57.9	6.6	29.6	3245	23485	33.3	19.7	6.6	98	78.8	27.0	48.4	56.2	4.3	29.5	3109	20394
DEKALB DKC45-79 (VT3)	95	P250	1,2,3	37.3	18.0	6.7	99	81.7	23.9	47.1	61.2	6.1	33.3	3298	22051	35.7	17.8	6.3	98	80.8	25.6	48.0	60.0	5.0	30.7	3219	20244
DEKALB DKC50-44 (VT3)	100	P250	1,2,3	36.9	20.3	7.4 *	99	83.3	23.6	45.7	63.5	6.1	38.3	3397	25300	36.2	19.6	7.1	97	81.4	26.0	49.9	62.6	5.3	30.6	3228	22841
DEKALB DKC54-16 (VT3)	104	P250	1,2,3	36.8	21.3	7.8 *	96	80.3	27.3	51.9	62.1	5.8	27.6	3178	24843	34.6	18.8	6.5	93	77.1	29.0	52.7	56.5	4.2	26.1	2977	19268
DEKALB DKC54-49 (VT3)	104	P250	1,2,3	33.5	20.8	6.9	99	80.7	26.8	50.1	61.4	6.0	28.7	3216	22255	32.9	19.9	6.5	89	78.1	28.1	50.5	56.6	5.2	26.9	3048	19910
DYNAGRO 54T42	100	P250	1,2,3,4	33.6	22.3	7.5 *	98	81.7	23.8	45.8	60.1	6.2	33.4	3310	24789	37.5	19.3	7.3 *	96	82.5	22.7	43.4	59.5	4.8	36.8	3354	24334
DYNAGRO CX08002	102	P250	1	37.1	21.8	8.1 **	99	83.7	21.8	42.2	61.2	6.5	33.9	3445	28025	35.2	18.6	6.6	100	79.6	26.8	48.8	57.9	4.8	30.7	3144	20702
DYNAGRO V42RP83	102	P250	1,2,3	34.5	21.0	7.2 *	94	80.2	25.6	49.0	59.7	7.2	27.3	3198	23161	39.2	19.8	7.7 *	93	80.7	24.4	46.8	58.8	5.1	32.8	3224	24844
G2 GENETICS 5H-501 RR.HX	100	P250	1,2,4	36.2	21.4	7.7 *	93	84.6	21.8	42.4	63.6	6.5	35.7	3494	26955	34.1	19.6	6.6	90	78.6	28.0	50.9	58.1	5.3	27.5	3072	20316
GREAT LAKES 4297G3	92	P250	1,2,3	34.8	17.3	6.0	100	82.8	22.8	44.9	61.7	6.0	36.5	3376	20162	44.1	17.9	7.9 **	94	81.4	22.0	43.4	57.2	6.0	36.5	3291	25858
GREAT LAKES 5416G3VT3	104	P250	1,2,3	35.1	21.1	7.3 *	98	82.9	24.4	45.6	62.6	6.3	32.3	3376	24778	32.4	20.2	6.5	91	79.5	25.6	47.6	56.9	5.4	29.2	3149	20525
HYLAND SEEDS HLSVT50	100	P250	1,2,3	35.2	18.7	6.6	97	79.9	26.2	49.7	59.5	6.1	32.6	3176	20994	33.1	20.8	6.9	96	80.0	26.2	49.0	59.3	4.4	29.5	3170	21812
HYLAND SEEDS HLSVT51	101	P250	1,2,3	33.2	22.1	7.3 *	94	80.5	27.2	50.6	61.6	5.8	25.1	3204	23510	31.6	20.5	6.5	90	80.5	26.3	48.6	59.9	4.8	29.5	3198	20638
LEGACY SEEDS L-4258RRBiCRW	103		1,2,3	35.6	21.0	7.5 *	96	82.8	23.3	46.1	62.6	6.5	30.1	3362	25150	37.6	18.0	6.8	97	81.2	23.8	45.7	58.6	5.2	34.5	3260	22010
LEGACY SEEDS L-5350CBLLGT	104	C250	2,3,4	33.8	22.1	7.5 *	97	82.9	22.3	41.6	58.8	5.8	38.3	3408	25533	37.2	20.2	7.5 *	96	82.5	22.3	42.4	58.5	5.2	36.6	3361	25293
Midwest Seed Genetics 70505VT3	101	C250	1,2,3	31.3	20.6	6.4	99	81.7	26.0	50.1	63.4	6.2	28.6	3268	20973	36.1	20.0	7.3 *	100	80.0	26.6	50.1	60.0	5.2	27.4	3152	22822
MYCOGEN F2F487	99	C250	2,4,7	35.3	20.6	7.3 *	95	86.2	21.3	43.0	68.2	7.3	34.0	3578	26205	34.6	17.5	6.1	92	85.6	23.6	47.3	69.6	5.7	28.3	3480	21160
NuTech 0C-404 YGCB	104	P250	2	36.0	20.8	7.4 *	100	82.4	22.6	44.7	60.6	6.2	36.2	3358	24948	34.7	22.0	7.6 *	98	81.7	22.9	44.8	59.0	6.0	34.6	3294	25118
NuTech 3T-302 VT3	101	C250	1,2,3	37.3	20.9	7.8 *	100	83.2	22.9	44.2	61.8	6.0	33.2	3402	26574	37.3	19.9	7.4 *	97	82.1	21.7	41.3	56.7	5.3	37.7	3350	24792
PIONEER 36V53	102	P250	1,2,4	32.9	21.3	7.0	99	83.2	23.8	45.6	62.8	6.3	35.8	3388	23660	35.5	21.0	7.5 *	97	81.8	24.5	46.7	61.0	5.3	32.8	3285	24468
STEWART SEEDS 4T985	99	P250	1,2,3	35.6	19.3	6.9	100	80.9	24.5	46.9	59.3	5.9	32.4	3255	22276	40.4	19.1	7.7 *	97	80.8	23.2	42.0	54.2	5.3	38.0	3270	25297
STEWART SEEDS 5T429	101	P250	1,2,3	35.9	16.9	6.1	93	79.8	25.9	46.6	56.1	6.0	31.8	3121	18918	34.5	20.1	6.9	90	80.3	25.6	46.4	57.6	5.2	31.4	3207	22141
AVERAGE				34.9	20.4	7.1	97.3	82.0	24.3	46.4	61.2	6.2	32.4	3314	23652	35.8	19.6	7.0	95.0	80.6	25.3	47.4	59.0	5.1	31.4	3213	22470
HIGHEST				37.3	22.8	8.1	100.0	86.2	27.3	51.9	68.2	7.3	38.3	3578	28025	44.1	22.0	7.9	100.0	85.6	29.3	55.5	69.6	6.0	38.0	3480	25858
LOWEST				31.3	16.9	6.0	93.2	79.7	21.3	41.6	56.1	5.8	25.1	3121	18918	31.6	17.5	6.1	88.8	77.1	21.7	41.3	54.2	4.2	24.3	2977	19268
CV (%)				9.2	7.4	10.5	3.1	2.7	11.9	9.7	5.5	7.3	14.4	5	13	7.4	6.9	7.6	4.5	2.1	8.7	7.5	4.6	10.2	12.0	4	9
LSD (5%)				3.8	1.8	0.9	4.2	2.7	3.4	5.3	4.0	0.5	5.5	224	4308	3.1	1.6	0.6	6.1	2.0	2.6	4.2	3.2	0.6	4.4	166	2832

2 Year Averages 2008 - 2007				INGHAM - EARLY												KENT, IONIA (2007) - EARLY											
				YIELD				% QUALITY						MILK 2006		YIELD				% QUALITY						MILK 2006	
BRAND / HYBRID	RM	TRT	TRAIT	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
DYNAGRO 54T42	100	P250	1,2,3,4	34.2	23.2	7.9	98	82.8	22.1	43.4	60.5	6.0	36.4	3391	26897	34.3	22.3	7.6	97	83.8	22.1	43.0	61.9	5.7	34.9	3447	26016

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

TABLE 8L

HURON, INGHAM & KENT COUNTY SILAGE TRIALS - LATE (105 Day and Later)

ZONE 2 - 3

2008				LATE - TRIAL AVERAGE												HURON - LATE											
				YIELD				% QUALITY						MILK 2006		YIELD				% QUALITY						MILK 2006	
BRAND / HYBRID	RM	TRT	TRAIT	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
CROPLAN S6100CR	110	C250	1,3	37.6	22.8	8.6	98	80.0	24.2	45.4	55.8	5.8	31.4	3177	27228	38.1	25.7	9.8	94	78.8	23.5	43.3	51.2	7.3	32.7	3102	30537
CROW'S 3848VT3	105	C250	1,2,3	42.0	19.7	8.3	99	78.2	26.6	48.7	55.2	5.7	31.4	3049	25377	47.6	21.4	10.2	99	80.2	23.0	42.7	53.6	7.2	36.5	3184	32429
DAIRYLAND Hi DF-3007	106	P250		34.9	24.2	8.3	97	79.4	26.1	48.7	57.7	5.8	29.0	3112	25900	33.0	30.0	9.9	95	79.6	24.6	46.4	55.9	7.4	29.7	3111	30815
DAIRYLAND Hi DF-3008-4	108	P250	1,3	35.9	24.0	8.6	98	77.1	28.1	50.9	54.9	5.8	27.4	2965	25649	35.4	29.2	10.4	98	78.4	25.6	45.7	52.8	7.1	29.9	3058	31769
DAIRYLAND Hi DF-3110-6	110	P250	1	32.8	28.9	9.4 **	98	79.3	25.8	47.0	55.9	6.1	28.1	3109	29057	31.1	35.3	11.0 *	100	76.9	27.4	48.1	51.9	7.4	27.3	2949	32308
DAIRYLAND STEALTH-8208	108	P250	2,3,4	34.1	26.3	8.9 *	94	77.9	27.0	49.8	55.8	6.0	27.2	3018	26862	32.9	32.2	10.6	98	77.0	26.8	49.1	53.2	7.4	26.4	2945	31271
DEKALB DKC55-82 (RR2)	105	P250	1	34.4	24.4	8.4	99	80.6	25.3	46.4	58.1	6.1	30.7	3198	26683	33.7	30.3	10.2	100	79.6	26.1	47.4	57.0	7.4	29.7	3103	31664
DYNAGRO V4883VT3	108	P250	1,2,3	34.4	23.5	8.0	99	79.4	25.6	48.3	57.3	5.9	30.6	3116	25200	34.1	29.9	10.2	100	81.1	23.3	44.6	57.6	7.5	32.8	3212	32682
HYLAND SEEDS HLB77R	105	P250	1,2	35.0	24.7	8.5	99	77.2	28.1	49.6	53.9	6.1	27.3	2982	25392	31.1	29.9	9.3	99	76.2	27.3	47.7	50.3	7.2	28.3	2918	27200
LEGACY SEEDS L-6600HX	110	C250	2	33.0	27.0	8.9 *	96	80.3	25.7	47.3	58.4	5.8	28.1	3176	28444	33.3	35.7	11.9 **	97	82.4	23.3	43.0	59.0	7.3	31.6	3301	39181
Midwest Seed Genetics 76174VT3	106	C250	1,2,3	39.9	21.6	8.5	95	78.2	26.2	48.8	55.4	5.8	31.3	3047	25998	36.9	26.6	9.8	92	79.0	23.8	44.9	53.2	6.7	33.6	3097	30458
MYCOGEN F2F568	105	C250	2,3,7	34.3	20.2	6.9	97	80.9	27.6	52.3	63.6	6.0	25.6	3146	21718	32.4	23.6	7.6	98	78.3	28.7	52.3	58.3	7.6	25.6	2977	22793
MYCOGEN TMF2N602	106	C250	1,8	36.2	23.1	8.4	93	79.4	25.8	47.4	56.2	5.6	28.7	3097	26266	38.9	28.3	11.0 *	97	81.5	21.3	40.3	54.2	7.2	37.3	3283	36155
MYCOGEN TMF2Q716	110	C250	1,2,3,4,8	36.4	24.8	9.0 *	99	80.8	25.2	46.5	58.7	5.8	32.2	3208	28815	36.2	30.8	11.1 *	100	80.7	23.9	43.7	56.1	7.0	33.0	3206	35754
PIONEER 34A89	110	P250	1,2,3,4	36.3	25.1	8.9 *	98	79.7	26.9	49.1	58.6	6.1	27.9	3122	27764	31.6	33.0	10.4	100	78.5	28.5	50.3	57.3	6.8	26.2	3015	31514
PIONEER 34B41	110	P250	1,2,3,4	35.9	24.3	8.7	87	81.3	25.2	46.7	59.8	6.1	30.2	3232	28122	34.9	30.9	10.8 *	90	82.3	23.1	43.3	59.3	7.3	32.3	3296	35813
PIONEER 35F40	105	P250	1,2,4,11,12,14	36.8	24.1	8.8 *	98	82.8	22.1	42.1	59.2	6.3	35.6	3358	29536	34.9	30.1	10.5	98	81.4	23.2	43.4	57.3	7.6	32.7	3243	34228
RENK RK692CBLRW	105	P250	2,3,4	40.1	21.1	8.4	88	81.2	23.3	43.7	57.0	6.1	34.1	3255	27490	40.7	24.5	10.0	90	83.2	20.2	38.7	56.5	7.2	37.6	3389	33808
RENK RK770VT3	107	P250	1,2,3	34.4	23.3	7.9	88	80.4	25.6	47.8	59.1	6.5	29.3	3172	25047	31.8	29.9	9.5	93	79.2	25.9	47.9	56.6	8.0	26.6	3072	29167
STEWART SEEDS 6N385	106	P250	1,2	41.3	19.4	7.8	98	77.7	26.2	48.1	53.9	5.9	31.5	3025	23592	35.0	22.8	7.9	98	72.9	31.3	55.1	51.0	7.2	22.0	2665	21196
STEWART SEEDS 6T546	107	P250	1,2,3	36.0	23.0	8.2	93	79.7	25.0	46.4	56.1	6.1	31.3	3147	25944	35.7	27.4	9.8	94	79.2	25.3	46.5	55.2	7.1	30.1	3092	30327
STEWART SEEDS 7K285	109	P250	1,2,3	33.4	25.4	8.3	96	79.3	26.2	48.5	57.3	6.1	27.4	3103	25638	30.4	33.2	10.1	96	77.0	27.8	50.2	54.2	7.9	23.7	2932	29577
STEWART SEEDS 7K456	110	P250	1,2,3	34.5	24.9	8.4	98	80.2	24.7	45.7	56.7	5.9	30.6	3180	26668	30.8	32.7	10.1	98	78.8	26.0	47.7	55.5	7.2	26.9	3054	30693
TRELAY 6T226	106	P250	1,2,3	40.9	20.4	8.2	99	77.3	27.3	50.4	54.9	5.5	31.2	2982	24305	36.8	23.8	8.8	100	77.1	27.4	50.0	54.0	7.1	30.0	2938	25723
TRELAY 6T672	107	P250	1,2,3	38.8	22.0	8.4	96	78.9	25.3	47.2	55.2	5.8	32.1	3097	25997	35.7	26.3	9.4	98	78.1	26.1	47.3	53.6	6.7	30.1	3023	28511
AVERAGE				36.4	23.5	8.4	96.1	79.5	25.8	47.7	57.0	5.9	30.0	3123	26348	34.9	28.9	10.0	96.9	79.1	25.3	46.4	55.0	7.3	30.1	3087	31023
HIGHEST				42.0	28.9	9.4	99.4	82.8	28.1	52.3	63.6	6.5	35.6	3358	29536	47.6	35.7	11.9	100.0	83.2	31.3	55.1	59.3	8.0	37.6	3389	39181
LOWEST				32.8	19.4	6.9	87.2	77.1	22.1	42.1	53.9	5.5	25.6	2965	21718	30.4	21.4	7.6	89.7	72.9	20.2	38.7	50.3	6.7	22.0	2665	21196
CV (%)				8.1	6.7	9.2	5.7	3.0	11.1	8.8	4.1	6.9	14.0	5	13	9.2	3.7	9.7	4.2	3.1	11.4	9.3	4.7	5.9	15.1	6	14
LSD (5%)				2.4	1.3	0.6	4.4	1.9	2.3	3.4	1.9	0.3	3.4	133	2689	3.8	1.3	1.1	5.7	2.9	3.4	5.1	3.0	0.5	5.3	242	6126

2 Year Averages 2008 - 2007				LATE - TRIAL AVERAGE												HURON - LATE											
				YIELD				% QUALITY						MILK 2006		YIELD				% QUALITY						MILK 2006	
BRAND / HYBRID	RM	TRT	TRAIT	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
CROW'S 3848VT3	105	C250	1,2,3	42.4	19.9	8.4 *	99	81.2	23.0	44.0	57.3	5.9	35.8	3275	27641	44.5	19.6	8.8 *	99	82.7	20.8	40.6	57.3	6.5	38.5	3383	29340
DAIRYLAND Hi DF-3007	106	P250		37.1	22.5	8.2 *	98	82.2	22.8	44.4	60.1	6.0	33.6	3327	27411	35.9	23.9	8.4	96	82.7	22.0	43.1	60.1	6.6	33.6	3361	27825
DAIRYLAND Hi DF-3008-4	108	P250	1,3	37.3	22.3	8.3 *	99	80.2	24.5	46.5	57.6	6.0	31.6	3200	26707	36.2	23.4	8.4	99	81.4	23.1	43.9	57.8	6.6	32.4	3284	27327
DEKALB DKC55-82 (RR2)	105	P250	1	37.3	22.4	8.3 *	99	82.9	22.0	42.4	59.6	6.1	35.4	3380	27849	36.8	24.0	8.6	100	82.8	21.9	42.2	59.4	6.8	35.2	3373	28645
MYCOGEN TMF2N602	106	C250	1,8	36.0	22.8	8.2 *	96	81.4	23.7	45.2	58.9	5.7	30.0	3234	26803	36.2	22.7	8.4	98	82.9	21.8	42.9	59.8	6.4	31.1	3280	27548
MYCOGEN TMF2Q716	110	C250	1,2,3,4,8	37.4	22.9	8.5 *	99	82.5	23.0	44.0	60.3	6.0	34.4	3349	28600	37.5	25.0	9.3 **	99	83.2	21.8	42.0	60.2	6.6	35.2	3401	31279
PIONEER 34A89	110	P250	1,2,3,4	37.4	23.6	8.7 **	99	82.6	23.2	44.4	60.9	6.2	32.8	3346	28976	34.9	26.4	9.0 *	99	82.9	23.0	43.6	61.3	6.5	33.1	3367	29894
PIONEER 35F40	105	P250	1,2,4,11,12,14	39.3	21.7	8.4 *	97	84.5	20.1	39.7	61.1	6.3	38.5	3497	29319	37.5	22.9	8.4	93	84.3	20.2	39.7	60.9	7.0	37.5	3478	28716
TRELAY 6T226	106	P250	1,2,3	41.3	20.1	8.2 *	99	80.8	23.3	44.9	57.6	5.7	35.6	3246	26440	39.0	19.8	7.6	100	81.2	23.0	44.4	58.2	6.5	35.3	3266	24386
AVERAGE				38.4	22.0	8.4	98.4	82.0	22.8	44.0	59.3	6.0	34.2	3317	27750	37.6	23.1	8.5	98.2	82.7	21.9	42.5	59.5	6.6	34.7	3355	28329
HIGHEST				42.4	23.6	8.7	99.5	84.5	24.5	46.5	61.1	6.3	38.5	3497	29319	44.5	26.4	9.3	100.1	84.3	23.1	44.4	61.3	7.0	38.5	3478	31279
LOWEST				36.0	19.9	8.2	96.5	80.2	20.1	39.7	57.3	5.7	30.0	3200	26440	34.9	19.6	7.6	93.3	81.2	20.2	39.7	57.3	6.4	31.1	3266	24386
CV (%)				6.4	6.5	7.6	4.4	2.2	9.3	7.3	3.4	6.3	10.5	4	10	6.9	4.3	8.0	3.8	2.2	9.2	7.3	3.6	5.9	11.0	4	11
LSD (5%)				2.4	1.5	0.6	4.2	1.8	2.2	3.3	1.9	0.4	3.3	125	2649	2.1	0.9	0.6	3.7	1.5	1.8	2.7	1.7	0.3	2.9	125	3202

2008				INGHAM - LATE										KENT - LATE													
BRAND / HYBRID	RM	TRT	TRAIT	YIELD				% QUALITY						MILK 2006		YIELD				% QUALITY						MILK 2006	
				%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
CROPLAN S610OCR	110	C250	1,3	38.7	19.5	7.5	100	79.8	26.1	49.9	59.5	5.7	27.0	3155	23659	36.0	23.3	8.4 *	100	81.5	22.9	43.0	56.8	4.4	34.4	3274	27489
CROW'S 3848VT3	105	C250	1,2,3	43.0	18.1	7.6	98	76.2	31.1	56.8	58.4	5.3	25.0	2901	22160	35.5	19.8	7.0	100	78.3	25.9	46.7	53.7	4.7	32.8	3062	21541
DAIRYLAND Hi DF-3007	106	P250		36.1	21.5	7.7	97	80.4	26.1	49.2	60.3	5.9	29.4	3195	24441	35.6	21.0	7.4	98	78.3	27.5	50.4	57.1	4.2	27.9	3029	22443
DAIRYLAND Hi DF-3008-4	108	P250	1,3	38.5	21.0	8.1 *	98	77.2	28.3	52.8	56.8	5.8	27.9	2990	24389	33.9	21.7	7.3	98	75.7	30.5	54.2	55.1	4.5	24.3	2848	20789
DAIRYLAND Hi DF-3110-6	110	P250	1	33.3	25.9	8.6 **	97	80.8	25.7	48.6	60.5	6.0	27.2	3217	27618	34.0	25.5	8.6 **	98	80.3	24.4	44.3	55.3	4.9	29.7	3161	27245
DAIRYLAND STEALTH-8208	108	P250	2,3,4	35.8	22.3	8.0 *	85	79.0	26.8	50.5	58.5	5.7	28.1	3108	24770	33.5	24.4	8.2 *	98	77.8	27.4	50.0	55.6	4.9	27.2	3003	24546
DEKALB DKC55-82 (RR2)	105	P250	1	33.9	21.2	7.2	97	81.6	26.7	49.0	62.6	5.6	27.1	3258	23484	35.5	21.7	7.7	100	80.7	23.3	42.7	54.8	5.3	35.4	3234	24900
DYNAGRO V4883VT3	108	P250	1,2,3	33.8	19.8	6.6	100	75.2	31.5	57.7	57.1	5.5	22.8	2840	18725	35.3	21.0	7.4	98	81.8	22.1	42.6	57.3	4.8	36.2	3295	24194
HYLAND SEEDS HLB77R	105	P250	1,2	39.5	21.2	8.3 *	100	74.3	33.7	58.7	56.3	5.6	20.9	2779	23166	34.3	23.2	7.9 *	99	81.0	23.3	42.4	55.3	5.5	32.7	3249	25811
LEGACY SEEDS L-6600HX	110	C250	2	33.8	21.5	7.3	95	80.0	26.6	50.0	60.1	5.7	25.7	3167	23017	32.0	23.9	7.6	97	78.6	27.2	49.0	56.3	4.6	27.0	3059	23134
Midwest Seed Genetics 76174VT3	106	C250	1,2,3	44.8	18.0	8.1 *	98	78.8	26.6	50.6	58.2	5.8	32.0	3094	24984	37.8	20.2	7.6	95	77.0	28.1	50.9	54.8	5.0	28.2	2950	22552
MYCOGEN F2F568	105	C250	2,3,7,	39.7	17.8	7.1	97	85.9	22.2	45.5	69.1	6.2	32.2	3524	24982	30.9	19.2	5.9	96	78.5	32.1	59.1	63.5	4.1	19.0	2938	17379
MYCOGEN TMF2N602	106	C250	1,8	35.9	19.6	7.0	86	78.5	28.4	52.9	59.4	5.3	22.5	2988	20935	34.0	21.3	7.2	97	78.1	27.6	49.0	55.2	4.4	26.3	3021	21707
MYCOGEN TMF2Q716	110	C250	1,2,3,4,8	38.7	21.1	8.1 *	99	80.7	26.6	49.4	60.9	5.9	30.8	3206	25968	34.3	22.6	7.7	100	81.0	25.0	46.4	59.0	4.6	32.9	3212	24723
PIONEER 34A89	110	P250	1,2,3,4	39.2	20.7	8.1 *	99	80.6	27.0	51.5	62.4	6.0	27.1	3184	25753	38.0	21.7	8.2 *	96	80.1	25.1	45.4	55.9	5.5	30.4	3168	26025
PIONEER 34B41	110	P250	1,2,3,4	38.1	20.1	7.7	87	79.5	28.6	52.5	60.8	5.8	26.5	3111	23819	34.6	21.8	7.5	85	82.0	23.9	44.2	59.3	5.2	31.8	3289	24735
PIONEER 35F40	105	P250	1,2,4,11,12,14	40.7	21.2	8.5 *	98	84.9	20.8	41.3	63.4	6.5	36.9	3509	29926	34.7	21.2	7.4	97	82.1	22.2	41.7	57.0	4.9	37.0	3321	24453
RENK RK692CBLLRW	105	P250	2,3,4	41.6	18.3	7.6	88	82.7	22.4	43.7	60.4	6.4	35.0	3367	25420	37.9	20.5	7.7	88	77.7	27.3	48.8	54.1	4.6	29.6	3009	23243
RENK RK770VT3	107	P250	1,2,3	36.9	20.5	7.4	89	81.5	25.4	48.2	61.6	6.5	30.7	3261	24252	34.5	19.6	6.8	83	80.6	25.5	47.3	59.2	5.0	30.6	3184	21722
STEWART SEEDS 6N385	106	P250	1,2	51.3	15.6	8.0 *	97	79.0	25.5	48.4	56.8	5.6	33.7	3127	24961	37.6	19.9	7.5	98	81.2	21.8	40.7	53.9	4.9	38.7	3282	24619
STEWART SEEDS 6T546	107	P250	1,2,3	39.1	20.7	8.0 *	86	80.7	25.1	47.8	59.7	6.2	31.1	3223	25835	33.3	20.9	6.9	100	79.1	24.7	44.8	53.4	5.0	32.9	3126	21670
STEWART SEEDS 7K285	109	P250	1,2,3	37.3	19.9	7.4	95	80.6	25.7	49.1	60.6	6.0	28.9	3204	23605	32.6	23.1	7.5	97	80.2	25.2	46.3	57.3	4.5	29.6	3174	23731
STEWART SEEDS 7K456	110	P250	1,2,3	37.6	20.7	7.8 *	100	81.6	23.4	44.6	58.9	6.1	32.9	3301	25564	35.2	21.3	7.5	97	80.2	24.6	44.8	55.7	4.4	32.1	3185	23746
TRELAY 6T226	106	P250	1,2,3	50.3	16.9	8.4 *	98	77.1	28.2	53.3	57.2	5.5	30.3	2983	25134	35.8	20.5	7.3	99	77.7	26.3	47.9	53.4	3.8	33.4	3024	22057
TRELAY 6T672	107	P250	1,2,3	43.2	19.1	8.1 *	97	79.9	24.8	47.8	57.8	6.0	33.8	3178	25771	37.5	20.6	7.7	94	78.7	25.1	46.4	54.1	4.7	32.6	3090	23709
AVERAGE				39.2	20.1	7.8	95.1	79.9	26.5	50.0	59.9	5.9	29.0	3155	24494	35.0	21.6	7.5	96.2	79.5	25.6	46.7	56.1	4.7	30.9	3127	23527
HIGHEST				51.3	25.9	8.6	100.0	85.9	33.7	58.7	69.1	6.5	36.9	3524	29926	38.0	25.5	8.6	100.0	82.1	32.1	59.1	63.5	5.5	38.7	3321	27489
LOWEST				33.3	15.6	6.6	85.3	74.3	20.8	41.3	56.3	5.3	20.9	2779	18725	30.9	19.2	5.9	83.5	75.7	21.8	40.7	53.4	3.8	19.0	2848	17379
CV (%)				8.2	9.3	8.7	8.4	3.2	11.0	8.4	4.2	6.3	14.4	5	12	6.6	7.6	8.4	3.2	2.6	10.8	8.8	3.5	9.2	12.6	5	11
LSD (5%)				3.8	2.2	0.8	11.3	3.0	3.4	4.9	2.9	0.4	4.9	244	4083	2.7	1.9	0.8	4.3	2.5	3.3	4.8	2.3	0.5	4.6	213	3515

2 Year Averages 2008 - 2007				INGHAM - LATE										KENT, IONIA (2007) - LATE													
				YIELD				% QUALITY						MILK 2006		YIELD				% QUALITY						MILK 2006	
BRAND / HYBRID	RM	TRT	TRAIT	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
CROW'S 3848VT3	105	C250	1,2,3	44.6	18.7	8.3 *	97	80.0	24.9	47.5	58.0	5.6	33.3	3194	26732	38.0	21.5	8.2	100	80.8	23.2	43.9	56.5	5.5	35.5	3249	26849
DAIRYLAND Hi DF-3007	106	P250		37.8	21.6	8.1	99	82.7	22.6	44.3	61.0	6.1	34.9	3367	27567	37.6	21.9	8.2	99	81.2	24.0	45.9	59.1	5.1	32.2	3252	26842
DAIRYLAND Hi DF-3008-4	108	P250	1,3	38.9	20.5	8.0	98	80.1	24.6	47.5	58.4	5.9	32.2	3200	25762	36.7	23.1	8.5 *	99	79.1	25.8	48.1	56.7	5.5	30.2	3116	27032
DEKALB DKC55-82 (RR2)	105	P250	1	37.0	20.6	7.6	99	83.5	22.6	43.8	62.2	5.9	33.4	3411	25832	38.2	22.7	8.6 *	100	82.3	21.6	41.3	57.3	5.7	37.4	3357	29071
MYCOGEN TMF2N602	106	C250	1,8	37.1	21.2	7.9	93	80.9	24.8	47.1	59.5	5.6	28.8	3210	25473	34.6	24.4	8.4 *	98	80.5	24.7	45.7	57.5	5.2	30.2	3211	27389
MYCOGEN TMF2Q716	110	C250	1,2,3,4,8	38.3	20.3	7.8	99	81.7	24.6	46.7	60.8	6.1	32.4	3292	25657	36.4	23.5	8.6 *	100	82.6	22.5	43.3	60.0	5.4	35.8	3356	28863
PIONEER 34A89	110	P250	1,2,3,4	39.2	21.1	8.2 *	99	82.5	23.8	46.5	62.3	6.0	32.0	3335	27519	38.0	23.3	8.8 **	98	82.3	22.7	43.2	59.0	6.0	33.4	3335	29516
PIONEER 35F40	105	P250	1,2,4,11,12,14	42.3	20.5	8.6 *	99	85.5	19.3	38.9	62.9	6.2	40.0	3571	30589	38.2	21.7	8.3 *	99	83.7	20.8	40.4	59.6	5.6	37.9	3441	28651
TRELAY 6T226	106	P250	1,2,3	47.1	18.8	8.7 **	98	80.6	23.5	46.1	58.2	5.8	35.3	3240	28256	37.9	21.7	8.2	99	80.5	23.3	44.3	56.3	4.9	36.2	3231	26679
AVERAGE				40.3	20.4	8.1	97.8	82.0	23.4	45.4	60.4	5.9	33.6	3313	27043	37.3	22.6	8.4	99.1	81.4	23.2	44.0	58.0	5.4	34.3	3283	27877
HIGHEST				47.1	21.6	8.7	99.4	85.5	24.9	47.5	62.9	6.2	40.0	3571	30589	38.2	24.4	8.8	99.8	83.7	25.8	48.1	60.0	6.0	37.9	3441	29516
LOWEST				37.0	18.7	7.6	92.8	80.0	19.3	38.9	58.0	5.6	28.8	3194	25473	34.6	21.5	8.2	97.9	79.1	20.8	40.4	56.3	4.9	30.2	3116	26679
CV (%)				6.4	8.0	7.3	6.2	2.4	9.3	7.1	3.3	6.0	10.4	4	9	5.7	6.9	7.0	2.4	2.1	9.5	7.5	3.2	7.3	10.1	4	9
LSD (5%)				2.1	1.3	0.5	5.9	1.6	1.9	2.8	1.6	0.3	2.7	129	2361	1.7	1.3	0.5	2.3	1.4	1.9	2.8	1.5	0.3	2.7	121	2287

TABLE 9.

MENOMINEE (LATE), OGEMAW & OSCEOLA COUNTY SILAGE TRIALS (88 - 104 Day)

ZONE 4

2008				TRIAL AVERAGE												MENOMINEE											
				YIELD				% QUALITY					MILK 2006			YIELD				% QUALITY					MILK 2006		
BRAND / HYBRID	RM	TRT	TRAIT	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
DAIRYLAND HI DF-3000-6	100	P250	1	32.7	21.2	6.9	97	81.8	24.7	47.5	61.8	7.0	26.9	3280	22624	29.7	19.6	5.8	100	79.5	27.6	52.9	61.3	7.8	21.6	3081	17944
DAIRYLAND STEALTH-9196	96	P250	1,2,3	37.5	18.3	6.9	98	82.5	21.6	42.5	59.1	6.8	35.6	3364	23543	33.7	16.0	5.4	100	76.7	28.0	53.5	56.5	7.6	24.8	2926	15736
DEKALB DKC38-89 (VT3)	88	P250	1,2,3	39.0	17.3	6.8	99	81.6	21.6	41.9	56.4	6.7	36.7	3322	22538	37.8	16.4	6.2 *	100	77.6	25.5	47.7	53.0	7.2	33.0	3030	18672
DEKALB DKC41-60 (VT3)	91	P250	1,2,3	39.5	17.3	6.8	94	81.9	21.4	42.4	57.5	6.6	35.0	3332	22917	37.0	15.9	5.9	100	78.1	23.7	46.1	52.8	7.2	31.0	3074	18056
DYNAGRO 53K69	95	P250	1	38.7	18.3	7.1 *	96	81.0	23.1	44.5	57.7	6.5	34.5	3267	23630	34.4	17.4	6.0 *	100	76.3	28.6	53.2	55.7	7.4	27.4	2910	17539
DYNAGRO 54T42	100	P250	1,2,3,4	32.1	22.0	7.1 *	99	81.2	24.4	46.4	59.7	6.5	29.9	3261	23377	28.7	19.7	5.7	100	76.3	29.0	53.3	55.5	7.6	23.7	2907	16421
DYNAGRO CX08002	102	P250	1	33.4	21.8	7.3 *	100	82.2	24.2	45.9	61.3	6.8	27.9	3306	24334	29.6	20.6	6.1 *	100	80.1	27.2	52.2	61.9	7.5	21.5	3122	19127
G2 GENETICS 5H-298 RR/HX	96	P250	1,2,4	37.7	18.9	7.1 *	99	82.7	21.1	41.2	58.1	7.2	35.8	3385	24232	35.0	17.3	6.0 *	100	80.6	23.2	45.2	57.1	8.1	32.2	3213	19373
GREAT LAKES 4041G3VT3	90	P250	1,2,3	36.7	18.3	6.7	93	81.4	23.5	45.0	58.7	6.9	32.8	3282	22052	36.8	15.3	5.6	98	78.8	26.3	49.7	57.1	7.2	31.0	3075	17127
GREAT LAKES 4297G3	92	P250	1,2,3	37.7	17.3	6.6	99	83.0	22.6	43.6	60.9	6.4	34.6	3384	22250	34.6	15.3	5.3	100	81.7	25.0	46.8	60.7	7.0	32.4	3264	17222
GREAT LAKES 4481G3VT3	94	P250	1,2,3	36.9	18.2	6.7	89	80.8	24.2	45.8	58.7	6.9	31.1	3246	22274	33.5	15.3	5.1	93	74.7	30.4	54.8	53.9	7.3	23.7	2812	14257
HYLAND SEEDS HLSVT50	100	P250	1,2,3	30.1	22.9	6.9	95	83.0	24.2	47.0	63.7	6.7	25.4	3300	22810	27.5	21.6	6.0 *	96	82.7	24.9	49.4	64.9	7.2	21.3	3190	19021
MYCOGEN TMF2L416	94	C250	1,2,4,8	35.5	19.4	6.9	94	83.1	23.4	45.7	63.3	6.9	28.8	3372	23438	32.3	19.0	6.2 *	100	79.7	27.0	51.4	60.7	7.5	23.4	3110	19265
MYCOGEN TMF2T497	100	C250	8	35.5	20.5	7.3 *	100	81.7	23.8	45.6	59.9	6.8	28.5	3294	24359	30.4	18.7	5.7	100	78.9	27.6	51.5	59.1	7.8	23.0	3064	17416
NuTech 3A-098 RR	98	C250	1,2,3	37.8	19.8	7.5 **	94	81.6	22.2	43.0	57.4	7.4	33.7	3311	24504	38.2	17.4	6.7 **	98	79.6	23.6	45.5	55.5	8.5	32.8	3156	21032
NuTech 3T-500A VT3	100	P250	1,2,3	36.4	19.3	7.0 *	96	82.3	23.7	46.2	61.8	6.7	31.0	3322	23458	34.5	16.9	5.8	100	80.3	25.6	49.6	60.1	7.6	28.3	3157	18265
NuTech 5H-597 RR/HX	96	P250	1,2,4	32.7	22.0	7.2 *	95	81.3	25.2	48.8	61.7	6.8	26.7	3243	23573	29.4	20.9	6.2 *	98	79.5	27.6	53.1	61.5	8.0	21.0	3080	18995
PIONEER 36V53	102	P250	1,2,4	34.3	21.3	7.3 *	100	83.1	23.3	45.1	62.6	6.9	32.0	3373	24707	33.0	19.3	6.4 *	99	81.5	24.7	48.4	61.8	7.6	29.9	3232	20572
PIONEER 38H72	99	P250	1,2,4	38.2	17.7	6.8	99	83.5	21.5	42.4	61.2	6.6	34.3	3422	23562	34.5	14.8	5.2	100	80.4	25.3	48.9	60.0	7.2	28.1	3170	16443
AVERAGE				35.9	19.6	7.0	96.8	82.1	23.1	44.8	60.1	6.8	31.6	3319	23378	33.2	17.7	5.8	99.0	79.1	26.4	50.2	58.4	7.5	26.8	3083	18025
HIGHEST				39.5	22.9	7.5	100.0	83.5	25.2	48.8	63.7	7.4	36.7	3422	24707	38.2	21.6	6.7	100.0	82.7	30.4	54.8	64.9	8.5	33.0	3264	21032
LOWEST				30.1	17.3	6.6	89.2	80.8	21.1	41.2	56.4	6.4	25.4	3243	22052	27.5	14.8	5.1	92.9	74.7	23.2	45.2	52.8	7.0	21.0	2812	14257
CV (%)				6.4	6.7	8.1	3.0	2.9	12.6	9.3	4.5	6.4	13.7	5	11	7.0	8.2	9.6	2.3	3.7	11.6	8.5	6.5	6.2	16.6	6	14
LSD (5%)				1.9	1.1	0.5	2.3	1.9	2.3	3.4	2.2	0.4	3.5	134	2058	2.8	1.7	0.7	3.2	3.5	3.6	5.1	4.5	0.6	5.3	273	3523

2 Year Averages 2008 - 2007				TRIAL AVERAGE										MENOMINEE													
				YIELD				% QUALITY					MILK 2006		YIELD				% QUALITY					MILK 2006			
BRAND / HYBRID	RM	TRT	TRAIT	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
DYNAGRO 53K69	95	P250	1	37.1	17.2	6.4 **	97	83.0	21.9	43.8	61.4	6.6	32.5	3317	21715	33.5	15.0	5.1 **	100	79.7	26.9	52.5	61.3	7.3	20.5	2866	14673
DYNAGRO 54T42	100	P250	1,2,3,4	32.4	19.8	6.4 **	97	83.5	22.6	45.4	63.8	6.7	28.1	3316	21650	30.1	16.4	4.9 *	100	80.5	26.2	51.9	62.7	7.3	18.6	2888	14191
MYCOGEN TMF2L416	94	C250	1,2,4,8	35.8	17.5	6.3 *	97	83.7	22.2	45.1	64.0	6.9	27.0	3297	21200	32.9	15.1	5.0 *	100	80.6	26.2	52.2	62.8	7.4	15.8	2779	14228
PIONEER 38H72	99	P250	1,2,4	38.7	16.0	6.2 *	99	84.6	20.6	42.4	63.7	6.6	31.8	3382	21447	36.1	12.7	4.6	100	81.8	24.2	49.1	63.0	6.9	20.9	2917	13534
AVERAGE				36.0	17.6	6.3	97.8	83.7	21.8	44.2	63.2	6.7	29.9	3328	21503	33.1	14.8	4.9	99.9	80.7	25.9	51.4	62.4	7.2	19.0	2862	14157
HIGHEST				38.7	19.8	6.4	99.5	84.6	22.6	45.4	64.0	6.9	32.5	3382	21715	36.1	16.4	5.1	100.0	81.8	26.9	52.5	63.0	7.4	20.9	2917	14673
LOWEST				32.4	16.0	6.2	97.1	83.0	20.6	42.4	61.4	6.6	27.0	3297	21200	30.1	12.7	4.6	99.7	79.7	24.2	49.1	61.3	6.9	15.8	2779	13534
CV (%)				5.7	6.8	7.6	3.0	2.3	10.3	7.8	3.9	6.6	14.0	5	10	6.4	8.5	9.1	2.1	3.0	9.7	7.4	5.4	7.9	22.9	9	14
LSD (5%)				2.0	1.3	0.5	2.8	1.9	2.3	3.4	2.3	0.4	4.3	175	2217	1.8	1.2	0.4	2.1	2.0	2.1	3.1	2.7	0.5	4.6	258	2265

2008				OGEMAW										OSCEOLA													
				YIELD				% QUALITY						MILK 2006		YIELD				% QUALITY						MILK 2006	
BRAND / HYBRID	RM	TRT	TRAIT	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
DAIRYLAND Hi DF-3000-6	100	P250	1	35.0	21.8	7.6	97	82.0	24.3	46.2	61.1	5.4	29.9	3315	25189	33.6	22.1	7.4 *	95	83.8	22.1	43.6	62.9	7.7	29.0	3443	24739
DAIRYLAND STEALTH-9196	96	P250	1,2,3	40.4	20.3	8.2 *	98	84.8	18.6	36.7	58.6	5.7	42.2	3549	29035	38.5	18.6	7.2 *	97	86.0	18.3	37.2	62.3	7.0	39.7	3616	25857
DEKALB DKC38-89 (VT3)	88	P250	1,2,3	42.1	17.8	7.5	98	83.0	20.2	39.5	57.0	6.0	39.1	3424	25629	37.1	17.8	6.6	100	84.3	19.2	38.6	59.3	6.8	37.9	3512	23312
DEKALB DKC41-60 (VT3)	91	P250	1,2,3	42.8	17.2	7.4	90	83.7	19.7	39.4	58.5	5.9	38.9	3462	25583	38.6	18.8	7.3 *	92	83.8	21.0	41.7	61.2	6.8	35.1	3461	25111
DYNAGRO 53K69	95	P250	1	43.2	19.9	8.6 **	93	84.4	19.4	38.9	59.7	5.4	39.7	3507	30239	38.6	17.6	6.8	96	82.4	21.4	41.4	57.7	6.6	36.6	3383	23112
DYNAGRO 54T42	100	P250	1,2,3,4	36.1	23.6	8.5 *	98	84.1	21.2	41.3	61.4	5.1	35.7	3474	29507	31.4	22.9	7.1 *	99	83.2	22.8	44.7	62.3	7.0	30.5	3402	24202
DYNAGRO CX08002	102	P250	1	36.4	23.1	8.4 *	100	82.6	22.9	41.7	58.6	6.1	32.5	3346	28212	34.2	21.7	7.4 *	100	83.9	22.4	43.9	63.4	6.9	29.6	3448	25661
G2 GENETICS 5H-298 RR/HX	96	P250	1,2,4	39.9	18.8	7.5	98	83.5	20.1	39.1	57.7	5.9	38.7	3452	25922	38.1	20.6	7.9 **	100	84.1	20.0	39.4	59.4	7.5	36.5	3489	27401
GREAT LAKES 4041G3VT3	90	P250	1,2,3	38.3	19.0	7.3	89	82.1	22.5	43.4	59.0	6.1	33.7	3344	24243	35.2	20.6	7.2 *	93	83.3	21.8	41.9	60.1	7.3	33.6	3428	24785
GREAT LAKES 4297G3	92	P250	1,2,3	39.2	18.5	7.2	99	82.7	22.2	42.6	59.3	5.7	35.8	3381	24340	39.4	18.3	7.2 *	99	84.6	20.7	41.3	62.7	6.5	35.8	3509	25188
GREAT LAKES 4481G3VT3	94	P250	1,2,3	41.1	19.4	7.9 *	85	83.8	20.7	40.9	60.4	6.0	36.7	3459	27448	36.1	19.9	7.2 *	89	84.0	21.5	41.8	61.8	7.4	33.0	3467	25118
HYLAND SEEDS HLSVT51	101	P250	1,2,3	32.3	24.0	7.8	93	83.1	24.1	46.2	63.4	5.9	27.8	3330	25824	30.4	23.0	7.0	96	83.1	23.5	45.4	62.8	7.1	27.1	3380	23587
MYCOGEN TMF2L416	94	C250	1,2,4,8	37.7	19.6	7.4	89	84.6	22.1	43.2	64.4	6.0	32.6	3484	25676	36.7	19.6	7.2 *	93	85.0	21.1	42.5	64.8	7.1	30.4	3521	25373
MYCOGEN TMF2T497	100	C250	8	39.0	22.1	8.6 **	100	83.1	21.8	41.7	59.5	5.5	33.3	3412	29408	37.2	20.7	7.7 *	100	83.2	22.1	43.6	61.3	7.1	29.2	3407	26252
NuTech 3A-098 RR	98	C250	1,2,3	38.9	21.9	8.5 *	90	83.0	20.9	40.5	58.1	6.3	36.3	3415	29089	36.2	20.0	7.3 *	96	82.2	22.2	42.9	58.7	7.3	32.0	3362	23392
NuTech 3T-500A VT3	100	P250	1,2,3	38.1	21.0	8.0 *	95	83.8	22.2	43.6	62.7	6.0	33.3	3431	27431	36.6	20.0	7.3 *	94	82.9	23.5	45.6	62.7	6.7	31.3	3378	24679
NuTech 5H-597 RR/HX	96	P250	1,2,4	36.7	22.4	8.2 *	90	82.9	23.3	45.2	62.1	5.2	32.4	3372	27703	32.1	22.9	7.3 *	97	81.5	24.8	48.2	61.6	7.2	26.7	3277	24020
PIONEER 36V53	102	P250	1,2,4	34.4	23.1	7.9 *	99	83.6	23.3	44.2	63.0	5.7	33.2	3419	26980	35.4	21.7	7.7 *	100	84.2	21.9	42.7	63.0	7.4	33.0	3469	26569
PIONEER 38H72	99	P250	1,2,4	39.9	20.3	8.1 *	98	84.0	21.0	41.1	61.0	5.8	36.4	3468	28002	40.3	17.9	7.2 *	100	86.2	18.1	37.2	62.7	6.7	38.5	3629	26242
AVERAGE				38.5	20.7	7.9	94.7	83.4	21.6	41.8	60.3	5.8	35.2	3423	27129	36.1	20.2	7.3	96.6	83.8	21.5	42.3	61.6	7.1	32.9	3452	24979
HIGHEST				43.2	24.0	8.6	100.0	84.8	24.3	46.2	64.4	6.3	42.2	3549	30239	40.3	23.0	7.9	100.0	86.2	24.8	48.2	64.8	7.7	39.7	3629	27401
LOWEST				32.3	17.2	7.2	85.3	82.0	18.6	36.7	57.0	5.1	27.8	3315	24243	30.4	17.6	6.6	89.4	81.5	18.1	37.2	57.7	6.5	26.7	3277	23112
CV (%)				4.9	6.9	7.6	3.5	2.2	10.8	7.6	3.5	8.1	9.5	4	9	7.2	5.0	7.4	3.1	2.7	15.1	11.6	2.7	5.1	15.3	5	11
LSD (5%)				2.2	1.7	0.7	4.7	2.2	2.8	3.8	2.5	0.6	4.0	194	3518	3.7	1.4	0.8	4.3	3.2	4.6	7.0	2.4	0.5	7.2	232	3809

2 Year Averages 2008 - 2007				OGEMAW, ALPENA (2007)											OSCEOLA												
				YIELD				% QUALITY							MILK 2006		YIELD				% QUALITY						
BRAND / HYBRID	RM	TRT	TRAIT	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
DYNAGRO 53K69	95	P250	1	38.4	18.9	7.3 **	96	85.2	19.5	39.7	62.6	5.8	38.6	3570	26066	39.4	17.5	6.9 *	96	84.3	19.4	39.2	60.3	6.6	38.2	3516	24407
DYNAGRO 54T42	100	P250	1,2,3,4	33.3	21.5	7.2 *	94	85.0	21.1	42.6	64.7	5.8	32.3	3536	25433	33.7	21.5	7.2 **	98	84.8	20.5	41.7	63.9	6.9	33.4	3524	25326
MYCOGEN TMF2L416	94	C250	1,2,4,8	36.6	19.0	6.9 *	95	85.4	20.8	42.2	65.4	6.3	32.9	3558	24611	37.9	18.4	7.0 *	97	85.3	19.7	40.9	63.8	7.0	32.4	3555	24762
PIONEER 38H72	99	P250	1,2,4	38.3	18.4	7.1 *	99	85.6	19.7	40.3	64.3	6.1	36.7	3586	25301	41.7	16.8	7.0 *	100	86.4	17.9	37.8	63.7	6.7	37.9	3642	25507
AVERAGE				36.6	19.5	7.1	95.9	85.3	20.3	41.2	64.3	6.0	35.1	3562	25353	38.2	18.6	7.0	97.6	85.2	19.4	39.9	62.9	6.8	35.5	3559	25000
HIGHEST				38.4	21.5	7.3	98.8	85.6	21.1	42.6	65.4	6.3	38.6	3586	26066	41.7	21.5	7.2	99.7	86.4	20.5	41.7	63.9	7.0	38.2	3642	25507
LOWEST				33.3	18.4	6.9	94.3	85.0	19.5	39.7	62.6	5.8	32.3	3536	24611	33.7	16.8	6.9	95.8	84.3	17.9	37.8	60.3	6.6	32.4	3516	24407
CV (%)				4.6	6.3	6.5	3.8	1.8	9.1	6.6	3.1	6.7	8.3	3	8	6.1	5.7	7.6	2.8	2.1	12.0	9.3	2.6	4.3	12.1	4	10
LSD (5%)				1.4	1.1	0.4	3.6	1.2	1.6	2.3	1.6	0.3	2.4	106	2015	2.2	1.1	0.5	2.7	1.8	2.5	3.8	1.6	0.3	4.0	126	2393

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

TABLE 10.

ALGER & MENOMINEE (EARLY) COUNTY SILAGE TRIALS (82 - 95 Day)

ZONE 5

2008				TRIAL AVERAGE										ALGER													
				YIELD				% QUALITY						MILK 2006		YIELD				% QUALITY						MILK 2006	
BRAND / HYBRID	RM	TRT	TRAIT	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
BAYSIDE 1582YGBRR	82		1,2	31.7	16.6	5.1	98	80.5	25.9	50.3	61.3	7.9	24.2	3176	16224	25.6	19.2	4.9	96	82.3	25.1	49.4	64.2	8.1	20.9	3276	15968
DEKALB DKC33-72 (RR2)	83	P250	1	33.1	18.7	6.0 *	100	81.6	24.5	48.6	62.2	7.9	24.3	3264	19644	27.7	21.4	5.9 *	100	81.7	25.3	49.5	63.0	8.1	21.3	3268	19376
DEKALB DKC35-19 (RR2/YGCB)	85	P250	1,2	36.9	16.5	5.8 *	99	81.5	24.2	47.1	60.7	7.4	29.5	3288	19142	28.6	19.7	5.6	98	82.6	24.4	47.8	63.6	7.6	25.5	3365	18856
DYNAGRO 51V89	87	P250	1,2,3,14	31.1	18.4	5.6	100	79.8	27.6	52.8	61.8	7.0	22.4	3119	17417	26.3	20.7	5.4	100	82.2	25.6	50.2	64.5	7.3	21.3	3267	17721
DYNAGRO 52V01	86	P250	1,2,3,14	33.6	18.5	5.9 *	92	82.1	23.9	47.0	62.1	7.2	29.1	3321	19731	26.7	22.3	5.9 *	88	84.2	22.9	45.7	65.4	7.3	27.1	3464	20537
DYNAGRO 52P81	88	P250	1,2	30.1	20.3	5.9 *	99	81.5	25.3	49.5	62.8	7.4	23.4	3181	18744	24.7	24.0	5.9 *	98	82.4	25.5	50.2	65.0	7.5	19.0	3160	18746
DYNAGRO 53V80	92	P250	1,2,3,14	28.6	20.9	5.8 *	98	83.0	25.2	49.7	65.8	7.2	24.4	3318	19358	23.3	23.3	5.5	95	83.7	25.8	50.9	68.0	7.3	19.9	3335	18170
HYLAND SEEDS HLCVR48	88	P250	1,2,3	28.5	20.3	5.7 *	86	80.3	26.8	50.9	61.3	6.9	19.4	3029	17272	23.9	22.4	5.4	81	81.2	26.7	51.5	63.4	6.9	16.3	2929	15652
JUNG 4209RR/YGCB	85	T250	1,2	32.4	18.1	5.8 *	91	82.2	23.9	46.9	62.0	7.6	25.1	3301	19009	26.5	20.1	5.3	83	82.5	24.0	47.3	63.0	7.5	23.8	3333	17659
JUNG HDS3091QRR	91	T250	1	30.7	20.2	6.0 *	100	80.5	26.9	51.9	62.4	7.4	18.9	3058	18253	25.5	24.2	6.2 *	100	81.3	26.8	52.0	64.1	7.4	16.1	2996	18469
JUNG HDS65S44	95	T250	2,3	26.9	22.2	5.9 *	96	79.6	28.7	54.9	62.7	7.3	15.0	2936	17258	23.3	25.2	5.9 *	92	79.6	29.3	55.9	63.4	7.4	11.0	2774	16314
NuTech 1B-887 CB/LL	87	C250	2,4	32.7	19.5	6.1 **	99	79.9	26.6	49.7	59.5	6.9	26.4	3177	19460	25.7	23.4	6.0 *	99	80.5	26.7	50.7	61.3	7.0	22.2	3219	19398
NuTech 1N-887 CB/LL/RW	86	P250	1,2,4	30.3	20.7	5.9 *	100	80.0	26.5	49.3	59.5	7.1	25.5	3126	18553	24.6	25.8	6.3 **	99	80.6	25.9	48.5	60.1	7.5	21.6	3128	19792
NuTech 3A-390 RR	88	P250	1	30.0	18.7	5.5	99	78.3	29.1	54.6	60.7	7.4	20.1	3029	16563	25.7	21.8	5.6	97	82.7	25.6	50.1	65.4	7.6	20.9	3311	18552
NuTech 3T-484 VT3	84	P250	1,2,3	31.8	18.2	5.6	88	81.2	25.9	48.9	61.3	7.1	25.7	3232	18186	25.8	20.2	5.2	81	81.5	25.3	47.3	60.5	7.8	23.9	3262	16962
AVERAGE				31.2	19.2	5.8	96.3	80.8	26.1	50.1	61.7	7.3	23.6	3171	18321	25.6	22.2	5.7	93.8	81.9	25.7	49.8	63.7	7.5	20.7	3206	18145
HIGHEST				36.9	22.2	6.1	100.0	83.0	29.1	54.9	65.8	7.9	29.5	3321	19731	28.6	25.8	6.3	100.0	84.2	29.3	55.9	68.0	8.1	27.1	3464	20537
LOWEST				26.9	16.5	5.1	85.8	78.3	23.9	46.9	59.5	6.9	15.0	2936	16224	23.3	19.2	4.9	80.9	79.6	22.9	45.7	60.1	6.9	11.0	2774	15652
CV (%)				6.4	6.8	7.5	3.7	2.2	8.6	6.4	3.6	5.4	13.3	4	10	5.8	5.4	7.0	4.6	1.8	7.5	5.6	3.9	6.6	13.9	4	9
LSD (5%)				2.0	1.3	0.4	3.6	1.7	2.2	3.2	2.2	0.4	3.1	132	1787	2.1	1.7	0.6	6.2	2.1	2.8	4.0	3.5	0.7	4.1	180	2279

2 Year Averages 2008 - 2007				TRIAL AVERAGE												ALGER, DELTA (2007)											
				YIELD				% QUALITY						MILK 2006		YIELD				% QUALITY						MILK 2006	
BRAND / HYBRID	RM	TRT	TRAIT	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
BAYSIDE 1582YGCBRR	82		1,2	33.7	16.9	5.6 *	99	81.5	23.8	47.8	61.4	7.7	26.7	3253	18196	29.6	22.3	6.7	98	82.7	22.7	45.6	61.8	7.8	28.1	3335	22447
DYNAGRO 52P81	88	P250	1,2	32.7	19.0	6.0 **	100	82.5	23.4	47.3	62.8	7.3	25.2	3227	19659	29.6	24.9	7.4 **	98	83.1	22.7	45.6	62.6	7.5	27.0	3300	24680
AVERAGE				33.2	18.0	5.8	99.3	82.0	23.6	47.5	62.1	7.5	25.9	3240	18927	29.6	23.6	7.1	98.1	82.9	22.7	45.6	62.2	7.7	27.5	3317	23564
HIGHEST				33.7	19.0	6.0	99.7	82.5	23.8	47.8	62.8	7.7	26.7	3253	19659	29.6	24.9	7.4	98.4	83.1	22.7	45.6	62.6	7.8	28.1	3335	24680
LOWEST				32.7	16.9	5.6	98.9	81.5	23.4	47.3	61.4	7.3	25.2	3227	18196	29.6	22.3	6.7	97.8	82.7	22.7	45.6	61.8	7.5	27.0	3300	22447
CV (%)				7.5	6.8	7.6	3.4	2.1	7.9	5.9	3.7	6.2	15.0	5	10	6.7	6.0	7.7	3.8	1.6	7.8	5.9	3.2	6.3	12.7	3	10
LSD (5%)				2.4	1.3	0.4	3.3	1.7	2.0	2.9	2.3	0.5	3.6	168	1846	1.8	1.4	0.5	3.5	1.3	1.9	2.8	2.0	0.5	2.8	109	1912

2008				MENOMINEE											
BRAND / HYBRID	RM	TRT	TRAIT	YIELD				% QUALITY						MILK 2006	
				%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
BAYSIDE 1582YGCBRR	82		1,2	37.7	14.1	5.4	100	78.7	26.7	51.1	58.4	7.7	27.6	3076	16481
DEKALB DKC33-72 (RR2)	83	P250	1	38.5	15.9	6.1 *	100	81.6	23.8	47.8	61.4	7.8	27.3	3261	19911
DEKALB DKC35-19 (RR2/YGCB)	85	P250	1,2	45.3	13.3	6.1 *	100	80.4	23.9	46.5	57.8	7.3	33.4	3211	19428
DYNAGRO 51V89	87	P250	1,2,3,14	35.8	16.2	5.8 *	100	77.4	29.6	55.3	59.1	6.8	23.5	2971	17114
DYNAGRO 52V01	86	P250	1,2,3,14	40.5	14.7	6.0 *	96	80.1	24.9	48.4	58.8	7.2	31.2	3178	18926
DYNAGRO 52P81	88	P250	1,2	35.5	16.6	5.9 *	100	80.6	25.1	48.9	60.6	7.4	27.8	3201	18742
DYNAGRO 53V80	92	P250	1,2,3,14	33.9	18.4	6.2 **	100	82.4	24.6	48.4	63.6	7.1	29.0	3301	20545
HYLAND SEEDS HLCVR48	88	P250	1,2,3	33.2	18.2	6.0 *	91	79.5	26.9	50.3	59.2	6.9	22.6	3129	18893
JUNG 4209RR/YGCB	85	T250	1,2	38.3	16.2	6.2 *	99	81.8	23.8	46.6	61.0	7.7	26.4	3269	20360
JUNG HDS3091QRR	91	T250	1	36.0	16.2	5.8 *	100	79.6	27.1	51.9	60.7	7.3	21.7	3120	18038
JUNG HDS65S44	95	T250	2,3	30.6	19.2	5.9 *	100	79.6	28.1	53.8	62.1	7.2	19.0	3099	18202
NuTech 1B-887 CB/LL	87	C250	2,4	39.8	15.7	6.2 **	100	79.3	26.5	48.7	57.7	6.8	30.6	3135	19522
NuTech 1N-887 CB/LL/RW	86	P250	1,2,4	36.1	15.5	5.6 *	100	79.3	27.0	50.0	58.9	6.8	29.4	3124	17313
NuTech 3A-390 RR	88	P250	1	34.2	15.6	5.3	100	73.9	32.6	59.2	55.9	7.3	19.4	2747	14573
NuTech 3T-484 VT3	84	P250	1,2,3	37.7	16.2	6.1 *	95	80.9	26.6	50.5	62.1	6.4	27.6	3203	19410
AVERAGE				36.9	16.1	5.9 *	98.7	79.7	26.5	50.5	59.8	7.2	26.4	3135	18497
HIGHEST				45.3	19.2	6.2 *	100.0	82.4	32.6	59.2	63.6	7.8	33.4	3301	20545
LOWEST				30.6	13.3	5.3 *	90.7	73.9	23.8	46.5	55.9	6.4	19.0	2747	14573
CV (%)				6.6	8.8	8.0 *	2.6	2.5	9.4	7.1	3.4	3.6	12.9	4	11
LSD (5%)				2.9	1.7	0.6 *	3.7	2.4	3.0	4.2	2.9	0.3	4.0	197	2821

2 Year Averages 2008 - 2007				MENOMINEE											
BRAND / HYBRID	RM	TRT	TRAIT	YIELD				% QUALITY						MILK 2006	
				%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
BAYSIDE 1582YGCBRR	82		1,2	37.8	11.5	4.4 *	100	80.4	25.0	49.9	60.9	7.6	25.2	3171	13944
DYNAGRO 52P81	88	P250	1,2	35.7	13.2	4.6 **	101	81.9	24.1	49.0	63.0	7.2	23.4	3155	14638
AVERAGE				36.7	12.3	4.5	100.5	81.1	24.6	49.5	62.0	7.4	24.3	3163	14291
HIGHEST				37.8	13.2	4.6	101.0	81.9	25.0	49.9	63.0	7.6	25.2	3171	14638
LOWEST				35.7	11.5	4.4	100.0	80.4	24.1	49.0	60.9	7.2	23.4	3155	13944
CV (%)				7.6	7.9	7.4	3.0	2.4	7.9	5.7	4.2	6.0	15.9	6	10
LSD (5%)				2.3	1.0	0.4	3.0	1.6	1.7	2.4	2.5	0.4	3.4	195	1720

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

Company Index

Introduction

Weather

Corn Grain Performance Trials

Zone 1 Grain Early - 107 Day and Earlier

Zone 1 Grain Late - 108 Day and Later

Zone 2 Grain Early - 101 Day and Earlier

Zone 2 Grain Late - 102 Day and Later

Zone 3 Grain Early - 97 Day and Earlier

Zone 3 Grain Late - 98 Day and Later

Zone 4 Grain - 80 - 94 Day

Zone 5 Grain - 81 - 91 Day

Corn Grain Agronomics

Glyphosate Resistant - 99 Day and Earlier

Glyphosate Resistant - 100 Day and Later

Corn Grain Hybrid Index

Corn Silage Performance Trials

Corn Silage Agronomics

Corn Silage Hybrid Index

Zone 1 Silage Early - 110 Day and Earlier

Zone 1 Silage Late - 111 Day and Later

Zone 2 - 3 Silage Early - 104 Day and Earlier

Zone 2-3 Silage Late - 105 Day and Later

Zone 4 Silage - 88 - 104 Day

Zone 5 Silage - 82 - 95 Day

THANK YOU TO OUR FARM COOPERATORS:

Blaine Baker, Clayton
Blue Sky Farms, Lowell
Ed Breitmeyer, Buckley
Dave and Mel Cripe, Cassopolis
Brian Graff, MSU Agronomy Farm, East Lansing
Fred Gross Farms, Peggy Gross & Dick Birchmeier,
New Lothrop
Benny Herioux, Bark River
Kyle Huff, Coldwater
Dave Johnson, Daggett
Jorgensens Farm Elevator, Williamston
Robert E. Lee, Marion
Miller Feeds Inc., Prescott
Robert and August Oshe, Custer
OSU NW Experiment Station, Hoytville, Ohio
Pleasant Acre Farm, Caledonia
Bruce Sackett, Montcalm Research Farm, Entrican
Troy Sacket, Edmore
Wil-le Farms, Bad Axe
Jason Woods, Britton
Chris Kapp, UP Experiment Station, Chatham

THANK YOU TO OUR WORKERS:

Stephanie Smith, Graduate Student
Kate Withers, Graduate Student
Dan Dysinger
Ryan Rademacker
Sara Ward
Kelly Foote
- Department of Crop and Soil Sciences -

MICHIGAN STATE UNIVERSITY EXTENSION

MSU is an affirmative action/equal opportunity institution. Michigan State University Extension programs and materials are available to all without regard to race, color, national origin, gender, religion, age, disability, political beliefs, sexual orientation, marital status, or family status. Issued in furtherance of MSU Extension work, acts of May 8 and June 30, 1914, in cooperation with the U.S. Department of Agriculture. Thomas G. Coon, director, MSU Extension, East Lansing, MI 48824. - This information is for educational purposes only. Reference to commercial products or trade names does not imply endorsement by MSU Extension or bias against those not mentioned. This bulletin becomes public property upon publication and may be reprinted verbatim as a separate or within another publication with credit to MSU. Reprinting cannot be used to advertise a commercial product or company.