Michigan Corn Production Hybrids Compared
Michigan State University Extension Service
Kurt D. Thelen, Keith Dysinger, L. Williams, Crop and Soil Science
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52 pages

2009 Michigan Corn Hybrids Compared

Extension Bulletin E-431 December 2009

MICHIGAN STATE UNIVERSITY EXTENSION

COMPANY INDEX

BRAND	CONTACT
AGRIGOLD	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
CROPLAN	Croplan Genetics P.O. Box 64281 St. Paul, MN 55164-5324 www.croplangenetics.com
CHANNEL	Channel Bio Corp. 612 E. Dunlap St. P.O. Box 157 Kentland, IN 47951 www.information@ channelbio.com
DAIRYLAND	Dairyland Seed Company P.O. Box 958 West Bend, WI 53095 www.dairylandseed.com
DEKALB	Monsanto Company 800 N. Lindbergh Blvd. St. Louis, MO 63167 www.monsanto.com
DYNA-GRO	Crop Production Services 443 Allenby Drive Marysville, OH 43040 www.dyna-groseed.com
G2 GENETICS	G2 Genetics 415 South Duff Ave., Suite C Ames, IA 50010 www.yieldleader.com
GREAT LAKES	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
LEGACY SEEDS	Legacy Seeds, Inc. 1927 Spindt Drive Waupaca, WI 54701 www.legacyseeds.com
M & W SEEDS	M & W Seeds 8811 Loire Valley Dr. Tecumseh, MI 49286
MYCOGEN	Mycogen Seeds 9330 Zionsville Road Indianapolis, IN 46268 www.mycogen.com
NK Brand	Syngenta Seeds Inc. 7500 Olsen Memorial Hwy Golden valley, MN 55427 www.nk.com
NuTech	Nutech Seed, LLC 36131 Highway 69 Forest City, IA 50436 www.yieldleader.com
PIONEER	Pioneer Hi-Bred International, Inc. 151 St Andrews Court, Suite 910 Mankato, MN 56001 www.pioneer.com
RENK	Renk Seed Company 6809 Wilburn Road Sun Prairie, WI 53590 www.renkseed.com
RUPP	Rupp Seeds, Inc. 17919 Co. Rd. B Wauseon, OH 43567 www.ruppseeds.com
STEWART	Stewart Seeds 2230 East County Rd. 300 N. Greensburg, IN 47240 www.stewartseeds.com
TRELAY	Trelay Seed Company 11623 Hwy 80 Livingston, WI 53554 www.trelay.com
UNITY SEEDS	Unity Seeds 3451 Wyndham Way Suite A West Lafayette, IN 47906 www.unityseeds.com
WELLMAN	Wellman Seeds, Inc. 23778 Delphos Jennings Rd Delphos, OH 45833 www.wellmanseeds.com

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2009
MICHIGAN CORN PERFORMANCE TRIALS

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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 2009 trials (pg. 28 and 35, respectively). Fourteen grain and ten silage locations were planted. A total of 336 hybrids from 23 seed companies (24 brand names) make up the 565 entries which translates to 6,620 separate county plots. Company names used in association with hybrid numbers refer to the brand.

The hybrid numbers are the companies' designations. 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 23.

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 2009

Late April showers delayed early season plantings in 2009. Planting did not start until May 4th and continued until May 23rd. Locations needing Nitrogen applied had liquid 28% applied between June 4th and June 30th. The cool weather season delayed the start of silage harvest until Sept 17th and ended on Oct 13th. Grain harvest started on October 27th and finished on November 24th. Table A (pg. 5) presents 2009 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.

2009
GROWING SEASON WEATHER SUMMARY

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Department of Geography
Michigan State University

With the combination of abnormally cool temperatures and several extended wet spells, the 2009 growing season in Michigan was a major challenge to growers weatherwise. Similar to the 2008 season, the 2009 growing season was preceded by a persistent high amplitude jet stream pattern characterized by large troughs across western and central North America set up just before Thanksgiving last fall and persisted into early March. This pattern, typical of La Nina events in the equatorial Pacific (La Nina conditions were in place since last fall), led to a very active storm track through the Ohio Valley region and to the passage of a number of cold, arctic-origin air masses through the Great Lakes region. Mean temperatures for the December through February winter months generally ranged from 2-5 degrees F. below normal across the state, and would have been even colder if not for milder than normal temperatures during February. In terms of precipitation, winter totals generally ranged from near to slightly below normal levels across western sections of Upper Michigan to much above normal over large sections of the Lower Peninsula, where some areas received more than 200% of normal values. For the state as a whole, this past winter was among the wettest 10 percent of winters since 1895. Not surprisingly, with colder and wetter than normal weather during much of the winter, seasonal snowfall totals were heavier than normal across almost all areas of the state. Soil moisture levels at the beginning of April ranged from much above normal levels across southern and central sections of the state to drier than normal across some northern sections (especially subsoils across western Upper Michigan where dryness has been a lingering problem for the past couple of years).

Wetter and somewhat cooler than normal weather during April and early May led to significant delays in spring fieldwork and planting across the region. Widespread heavy rain fell on the 25th -27th April, with a swath of 2" to as much as 6" falling from southwestern sections of the Lower Peninsula northeastward through the Saginaw Valley. As of the 10th of May, when historically more than half the corn crop is usually planted, only 18% had been planted (USDA/NASS, 2009). An upper air pattern shift led to warmer temperatures and more seasonable conditions during late May, although the remnants of a quasi-tropical area of low pressure that made landfall in Florida (very unusual for so early in the season) led to swath of heavy rain (more than 2") across southern and eastern sections of the state and additional fieldwork delays.

During early June an upper air pattern set up across North America that would persist for much of the remainder of June and much of July: ridging across western sections of the continent with troughing and northwesterly flow across central and eastern sections. The troughing across the Great Lakes region has led the passage of a series of cool, Canadian-origin air masses through Michigan, a pattern much more typical during the cold seasons of the year than in summer. In addition to the cooler than normal temperatures, the northwesterly upper air pattern also reduced the amount of Gulf of Mexico-origin moisture reaching the region. Precipitation totals for June and July generally fell too much below normal levels, with many western and northern sections of the state reporting less than 50% of normal rainfall. Following a cooler than normal June with mean temperatures generally from 0.5-2.5 degrees F. Below normal, July mean temperatures across Michigan generally ranged from 3-6 degrees F. below normal, with an overall statewide mean only slightly warmer than the standing record set in 1992. Records for coolest July on record were set at many individual sites across the Midwest, and also at many locations for the coolest maximum temperature for the month (e.g. at Lansing, the warmest temperature recorded during the month was only 84, a new record). The cool weather slowed growth and development rates of almost all crops, and phenological development lagged more than two weeks behind historical averages by month's end.

During early August, the large upper air ridge that brought heat and dryness to much of the western U.S. during the past several weeks temporarily moved eastward to the Midwest and east, providing somewhat warmer temperatures. Cooler weather returned late in late August, with mean temperatures for the month generally remaining from 1-3 degrees F. below the climatological normals. In one of the most important weather developments during the season, an upper air ridging pattern set up across the central U.S. during early September, leading to an extended period of warmer and drier than normal weather. Mean temperatures for the month ranged from near to 3 degrees F. above normal, the only month of the season with above normal temperatures. Frost and freezing temperatures brought an end to the growing season in some scattered northern areas of the state on the 19th, and to much of the remainder of the state on the morning of October 1st. Some areas of the Saginaw Valley and Thumb regions of the state missed both these events and did not experience a killing freeze until the 11th of the month.

With a return of upper air troughing across the region, weather for crop maturation, field drydown, and early harvest was very poor during October. Mean temperatures fell back to below normal levels and precipitation totals surged well above the historical averages. Some western sections of the state reported more than 20 days of the month with precipitation, with very few if any fieldwork opportunities. Milder and drier than normal weather returned during early November and persisted through Thanksgiving, allowing growers to finally catch up with harvest.

Overall for the 5-month May-September period, precipitation totals ranged from much below normal levels across northern sections of the state (the fifth consecutive year in which this has occurred) to near normal in eastern sections of the state. Mean temperatures and seasonal growing degree day accumulations were well below the climatological normals, with seasonal base 50°F growing degree day accumulations generally remaining from 100 to more than 400 units below normal. Greatest departures from normal were observed in northern sections of the state. The combination of cool temperatures and persistent wet weather early in the season resulted in many crops lagging far behind normal phenological stages throughout the season, and to unusually high grain moisture levels and drying costs at the end of the season.

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	LENAWEE	TEMP	57.7	58.3	-0.6	67.5	67.8	-0.3	66.7	71.7	-5.0	68.7	69.9	-1.2	61.8	62.6	-0.8	64.5	66.1	-1.6
		PPT	2.28	3.04	-0.76	6.41	3.30	3.11	1.26	3.73	-2.47	4.07	3.20	0.87	2.24	2.62	-0.38	16.26	15.89	0.37
		GDD	338	353	-15	536	542	-6	527	658	-131	583	616	-33	433	432	1	2417	2601	-184
	BRANCH & CASS	TEMP	58.7	59.2	-0.5	68.1	68.4	-0.3	67.1	71.9	-4.8	69.0	70.1	-1.1	63.2	63.3	-0.1	65.2	66.6	-1.4
		PPT	4.05	3.12	0.93	4.47	3.95	0.52	1.22	3.79	-2.57	3.73	3.16	0.57	0.78	3.01	-2.23	14.25	17.03	-2.78
		GDD	357	381	-24	545	564	-19	543	670	-127	590	628	-38	447	454	-7	2482	2697	-215
	WOOD	TEMP	60.0	60.1	-0.1	69.3	69.8	-0.5	69.1	73.4	-4.3	70.8	70.9	-0.1	63.9	64.1	-0.2	66.6	67.7	-1.0
	(Bowling Green, OH)	PPT	1.67	3.58	-1.91	2.89	3.56	-0.67	2.62	3.57	-0.95	0.96	3.36	-2.40	2.92	2.63	0.29	11.06	16.70	-5.64
		GDD	371	360	11	594	551	43	591	682	-91	636	628	8	458	430	28	2650	2651	-1
Zone 2	KENT	TEMP	56.3	57.4	-1.1	65.6	67.1	-1.5	64.5	71.2	-6.7	66.1	69.5	-3.4	62.3	61.9	0.4	63.0	65.4	-2.5
		PPT	1.70	2.86	-1.16	4.07	3.68	0.39	1.96	2.95	-0.99	5.45	3.14	2.31	1.93	3.24	-1.31	15.11	15.87	-0.76
		GDD	286	335	-49	484	530	-46	464	654	-190	516	610	-94	405	412	-7	2155	2541	-386
	INGHAM	TEMP	57.5	57.5	0.0	66.4	67.0	-0.6	66.4	70.7	-4.3	68.4	69.0	-0.6	62.8	62.0	0.8	64.3	65.2	-0.9
		PPT	2.82	2.73	0.09	4.97	3.54	1.43	2.39	3.02	-0.63	4.12	3.12	1.00	0.96	2.50	-1.54	15.26	14.91	0.35
		GDD	314	338	-24	502	530	-28	520	640	-120	577	598	-21	424	418	6	2337	2524	-187
	SAGINAW	TEMP	57.0	58.6	-1.6	65.6	68.2	-2.6	66.5	72.1	-5.6	68.4	70.2	-1.8	63.0	62.9	0.1	64.1	66.4	-2.3
		PPT	1.49	2.49	-1.00	3.81	3.09	0.72	1.95	2.83	-0.88	2.77	3.29	-0.52	1.09	2.76	-1.67	11.11	14.46	-3.35
		GDD	298	367	-69	481	555	-74	522	670	-148	578	623	-45	425	438	-13	2304	2653	-349
Zone 3	HURON	TEMP	55.2	55.2	0.0	62.8	64.9	-2.1	65.1	69.3	-4.2	66.1	67.8	-1.7	61.1	61.0	0.1	62.1	63.6	-1.6
		PPT	2.34	2.58	-0.24	3.98	2.88	1.10	3.41	2.93	0.48	2.44	3.01	-0.57	1.38	2.67	-1.29	13.55	14.07	-0.52
		GDD	271	298	-27	408	479	-71	489	602	-113	516	569	-53	395	387	8	2079	2335	-256
	MONTCALM	TEMP	55.8	57.7	-1.9	65.2	67.1	-1.9	63.9	71.0	-7.1	66.1	69.3	-3.2	61.4	61.6	-0.2	62.5	65.3	-2.9
		PPT	2.15	2.88	-0.73	2.60	3.43	-0.83	2.07	2.50	-0.43	4.74	3.84	0.90	1.48	3.12	-1.64	13.04	15.77	-2.73
		GDD	286	351	-65	475	536	-61	452	646	-194	516	603	-87	396	414	-18	2125	2550	-425
	MASON	TEMP	53.8	54.4	-0.6	61.7	63.6	-1.9	62.7	68.5	-5.8	65.0	67.2	-2.2	59.5	60.2	-0.7	60.5	62.8	-2.2
		PPT	3.51	2.48	1.03	2.61	2.93	-0.32	1.30	2.18	-0.88	4.09	3.79	0.30	1.55	3.25	-1.70	13.06	14.63	-1.57
		GDD	254	273	-19	407	450	-43	427	587	-160	486	552	-66	358	365	-7	1932	2227	-295
Zone 4	OGEMAW	TEMP	51.3	52.0	-0.7	61.1	61.7	-0.6	62.7	66.6	-3.9	63.9	64.9	-1.0	59.2	57.2	2.0	59.6	60.5	-0.8
		PPT	1.94	2.78	-0.84	2.72	3.12	-0.40	3.44	3.11	0.33	6.27	3.23	3.04	1.19	3.08	-1.89	15.56	15.32	0.24
		GDD	233	251	-18	389	413	-24	421	534	-113	464	496	-32	368	317	51	1875	2011	-136
	GRAND TRAVERSE	TEMP	53.9	53.5	0.4	63.1	63.7	-0.6	64.7	68.8	-4.1	66.2	67.3	-1.1	61.9	59.3	2.6	62.0	62.5	-0.6
		PPT	2.78	2.48	0.30	2.83	3.15	-0.32	1.92	2.88	-0.96	4.38	2.93	1.45	1.72	3.60	-1.88	13.63	15.04	-1.41
		GDD	254	273	-19	428	454	-26	473	587	-114	517	552	-35	394	348	46	2066	2214	-148
	MENOMINEE	TEMP	51.7	53.6	-1.9	61.8	62.7	-0.9	63.3	67.4	-4.1	64.1	65.5	-1.4	60.5	57.0	3.5	60.3	61.2	-1.0
		PPT	4.98	3.57	1.41	1.55	3.72	-2.17	0.77	3.63	-2.86	3.52	3.86	-0.34	1.66	3.60	-1.94	12.48	18.38	-5.90
		GDD	234	285	-51	402	438	-36	459	559	-100	481	513	-32	398	319	79	1974	2114	-140
Zn 5	DELTA	TEMP	49.2	52.6	-3.4	59.7	62.3	-2.6	62.4	65.7	-3.3	63.0	65.2	-2.2	59.3	57.7	1.6	58.7	60.7	-2.0
		PPT	3.93	2.85	1.08	1.72	3.06	-1.34	2.50	3.57	-1.07	2.31	3.08	-0.77	0.51	3.69	-3.18	10.97	16.25	-5.28
		GDD	192	263	-71	363	419	-56	422	499	-77	446	492	-46	365	311	54	1788	1984	-196

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 2009
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)

2009
GRAIN PERFORMANCE TRIALS

Introduction

Fourteen locations (see map pg. 7) containing 29 grain trials were planted. The grain index (pg. 28) contains a list of all hybrids planted in the 2009 grain trials. 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)

Hybrids are reported in alphabetical order in each of the tables.

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. 25). 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 (Cass, Ingham, Montcalm, 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 (%H_20).
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 2009, Hybrids were identified in Lenawee, Ingham, Ogemaw, and Grand Traverse Counties for public viewing with 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 earlier hybrids. 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. Most locations in these trials were planted at 31,680 plants per acre.

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 2009 Early-maturing hybrids averaged 2.3% drier moisture with a 1.5 bushel increase in yield in Zone 1. Zone 2 averaged 4.8% drier moisture with a 3.9 bushel increase in yield. Early hybrids in Zone 3 and the Glyphosate Resistant trial averaged a small 0.7 bushel increase in yield but was 6.2% and 4.7% drier in moisture respectfully.

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.

2009 Grain Trial Locations

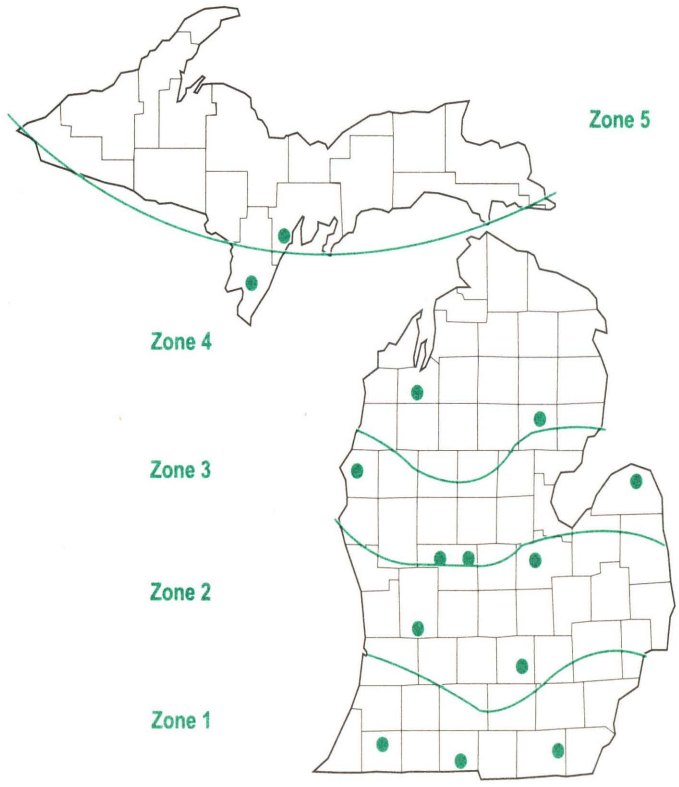

TABLE 1E. BRANCH, CASS & LENAWEE COUNTY GRAIN TRIALS - EARLY (100 - 107 Day) ZONE 1

2009				EARLY - TRIAL AVERAGE					% QUALITY			BRANCH - EARLY					CASS - EARLY					LENAWEE - EARLY				
BRAND / HYBRID	RM	TRT	TRAIT	%H2O	BU/A	Twt	%SL	%Std	Prot	Oil	Strch	%H2O	BU/A	Twt	%SL	%Std	%H2O	BU/A	Twt	%SL	%Std	%H2O	BU/A	Twt	%SL	%Std
AGRIGOLD A6320VT3	103	P250	1,2,3	23.4	194.7	53.5	4.0	96	7.8	5.4	72.3	28.8	190.0	51.4	0.7	99	20.5	180.1	54.6	4.3	94	21.0	213.9	54.5	6.9	96
AGRIGOLD A6323CL	103	P250	5	24.5	215.0	53.2	1.7	96	7.8	5.1	72.5	30.9	215.1 *	51.1	1.0	100	20.9	193.3	54.3	2.7	91	21.8	236.7 *	54.1	1.3	97
AGRIGOLD A6325VT3	104	P250	1,2,3	26.2	208.2	52.6	3.4	99	9.0	4.9	71.4	32.6	186.0	50.8	0.0	99	22.1	216.5 *	53.8	8.9	100	23.8	222.1	53.3	1.3	96
BECK 5244VT3	106	P500	1,2,3	29.2	208.2	51.7	2.8	99	8.7	4.3	72.3	35.9	198.5	50.4	0.3	99	25.1	197.6	52.6	3.6	98	26.6	228.4	52.2	4.4	100
BECK 4609HXR™*	100	P500	1,2,3	23.6	201.5	53.3	0.6	96	8.5	4.4	71.8	29.4	180.6	51.2	0.0	99	19.6	195.1	54.7	1.1	98	21.7	228.7	54.1	0.8	92
BECK 5135HXR™*	104	P500	1,2,3,4	25.5	208.4	53.0	0.5	99	8.1	4.4	72.2	32.1	210.2 *	51.0	0.0	100	21.2	184.9	54.4	1.5	98	23.1	230.1	53.7	0.0	99
BECK 5354HXR™*	107	P500	1,2,3,4	27.8	227.3 **	52.1	0.7	99	8.6	4.5	72.4	34.1	212.9 *	50.6	0.0	99	23.6	225.6 **	53.2	1.1	100	25.6	243.4 *	52.5	1.0	98
CHANNEL 207-07VT3 Brand	107	P250	1,2,3	27.3	200.9	52.2	1.7	97	8.2	4.6	73.1	34.4	199.2	50.4	0.0	99	23.3	188.3	53.1	3.3	99	24.1	215.2	53.0	1.7	92
DAIRYLAND STEALTH-9006	106	P250	1,2,3	27.0	209.2	52.4	2.7	98	8.7	4.9	71.4	33.8	189.0	50.6	0.0	100	22.5	206.9 *	53.6	6.1	100	24.6	231.8	53.0	2.0	94
DAIRYLAND STEALTH-9206Q	106	C250	1,2,3,4	25.7	211.7	52.8	0.8	97	8.1	5.0	72.6	32.4	189.9	50.8	0.3	96	21.5	214.6 *	54.0	1.5	99	23.1	230.6	53.5	0.7	97
DEKALB DKC52-59 (VT3)	102	P250	1,2,3	22.2	210.6	53.6	1.1	99	7.4	4.7	73.1	26.2	194.6	51.8	0.0	100	20.2	195.6	54.4	1.5	98	20.3	241.5 *	54.6	1.9	100
DEKALB DKC54-16 (VT3)	104	P250	1,2,3	24.6	203.0	53.0	1.6	99	7.8	5.2	72.2	30.4	196.6	51.0	0.0	100	21.8	197.2	53.9	2.6	98	21.7	215.2	54.2	2.3	99
DEKALB DKC55-07 (VT3)	105	P250	1,2,3	25.2	211.9	52.7	1.0	98	9.0	4.8	71.1	30.7	206.6 *	51.0	0.0	99	21.8	198.8	53.8	1.8	98	23.2	230.2	53.3	1.3	97
DEKALB DKC55-24 (VT3)	105	P250	1,2,3	21.9	211.5	53.9	0.7	98	7.4	5.2	72.9	26.8	192.3	51.8	0.0	99	19.2	223.4 *	55.0	1.8	97	19.7	218.7	54.9	0.3	99
DEKALB DKC55-64 (VT3)	105	P250	1,2,3	25.3	199.9	52.9	1.7	98	7.7	4.6	73.5	32.4	182.2	50.7	0.0	99	21.2	189.3	54.1	3.7	98	22.2	228.2	54.0	1.3	98
DEKALB DKC57-50 (VT3)	107	P250	1,2,3	29.0	197.7	51.7	0.8	96	7.5	4.8	73.9	35.8	194.5	50.4	0.0	99	24.7	181.1	52.5	1.9	96	26.4	217.6	52.2	0.4	94
DYNAGRO 56R29	106	P250	1,2,3,4	25.7	205.3	52.6	1.6	89	8.6	4.5	72.1	31.7	192.1	50.8	0.0	95	22.3	204.3	53.5	2.7	79	23.1	219.5	53.4	2.0	94
DYNAGRO CX09104	104	P250	1,2,3	25.4	219.6 *	52.8	2.4	98	8.4	5.3	72.1	32.1	204.8	50.8	0.3	99	21.9	214.8 *	53.9	3.6	100	22.2	239.1 *	53.8	3.3	95
G2 GENETICS 1H-005 HX/LL	105	C250	2,4	25.7	213.7	52.6	1.3	98	7.9	4.2	73.5	32.0	212.7 *	50.8	0.0	100	21.8	216.2 *	53.8	3.3	99	23.3	212.1	53.3	0.7	95
G2 GENETICS 1H-005A HX/LL	105	C250	2,4	25.5	211.3	52.7	1.5	98	7.3	4.3	74.3	32.0	209.8 *	50.8	0.0	100	21.0	212.5 *	54.1	1.8	100	23.4	211.6	53.2	2.8	94
G2 GENETICS 5H-005 RR/HX	105	C250	1,2,4	26.8	208.2	52.4	0.7	100	7.4	4.4	73.4	34.1	208.3 *	50.6	0.0	100	22.3	188.7	53.6	1.1	99	24.1	227.5	52.9	1.0	100
G2 GENETICS 5H-905 RR/HX	105	C250	1,2,4	26.0	203.9	52.5	0.6	95	8.4	4.3	72.6	32.1	195.4	50.8	0.3	92	22.4	199.5	53.5	1.5	96	23.4	216.7	53.2	0.0	96
G2 GENETICS 5X-905 RR/HXT	105	C250	1,2,3,4	26.3	225.3 *	52.7	1.0	97	8.5	4.5	71.7	32.4	218.1 *	50.9	0.0	99	22.7	221.1 *	53.8	0.7	98	23.9	236.6 *	53.4	2.4	94
G2 GENETICS 5H-506 RR/HX	106	C250	1,2,4	26.5	204.6	52.4	0.6	98	7.9	4.6	73.1	33.3	197.3	50.7	0.0	99	22.3	196.7	53.6	0.7	98	23.8	219.7	53.0	1.0	98
G2 GENETICS 5H-007 RR/HX	107	C250	1,2,4	25.3	213.2	52.8	0.8	87	7.2	4.9	74.3	30.7	213.1 *	51.1	0.0	89	22.0	199.7	54.0	2.4	86	23.1	226.9	53.3	0.0	86
G2 GENETICS 5H-007A RR/HX	107	C250	1,2,4	25.6	212.1	52.9	0.5	92	6.8	5.0	74.3	31.9	200.1	51.0	0.0	87	22.0	206.2	54.0	1.4	94	23.0	230.1	53.6	0.0	94
G2 GENETICS 5X-707 RR/HXT	107	C250	1,2,3,4	28.3	222.3 *	52.0	0.4	95	8.3	4.6	72.2	35.0	213.3 *	50.5	0.0	96	23.5	224.2 *	53.2	0.4	95	26.5	229.4	52.2	0.7	94
GREAT LAKES 5306G3VT3	103	P250	1,2,3	25.4	215.2	52.8	3.8	100	8.1	5.2	72.4	32.1	208.1 *	50.8	1.3	99	21.9	201.4	53.9	8.1	102	22.2	236.2 *	53.8	1.9	98
GREAT LAKES 5450	104	P250		23.8	207.6	53.4	2.6	97	7.9	4.9	72.1	30.5	193.7	51.0	1.3	100	19.8	196.9	54.7	3.8	94	21.0	232.2	54.4	2.6	97
GREAT LAKES 5506G3VT3	105	P250	1,2,3	24.5	188.2	53.1	5.5	99	8.0	5.5	72.2	31.5	179.3	50.9	0.0	100	20.8	175.2	54.3	8.2	100	21.2	210.1	54.2	8.3	98
M&W SEEDS 45H89	105	P250	2,4	25.5	199.1	52.9	2.6	98	7.4	4.6	74.6	32.2	194.7	50.9	1.0	99	21.4	181.9	54.1	5.3	97	22.8	220.8	53.6	1.6	98
M&W SEEDS 44B23	106	P250	1,2,3	26.1	202.2	52.7	0.3	98	8.9	4.7	71.7	33.3	191.0	50.6	0.0	100	22.1	193.3	53.8	0.0	100	22.8	222.2	53.6	0.8	93
M&W SEEDS 44K74	107	P250		26.7	206.4	52.5	2.3	97	7.3	4.7	72.7	34.2	190.1	50.6	0.0	94	21.9	211.8 *	53.9	2.5	100	24.1	217.3	53.0	4.4	96
MYCOGEN 2G611	105	C250	1,2,3	26.4	212.9	52.5	2.7	97	8.8	5.0	71.7	32.4	194.6	50.8	0.4	98	22.6	212.0 *	53.7	6.4	100	24.3	232.0	53.0	1.4	92
NK Brand N53W	104	C250	1	24.8	214.0	53.1	1.4	90	7.9	5.1	72.3	32.0	203.2	50.9	0.0	91	21.0	205.5	54.3	1.1	89	21.5	233.2	54.2	3.2	88
NuTech 3A-804 GT	104	C250	1	24.3	221.5 *	53.2	1.4	96	7.6	4.9	72.6	30.7	215.0 *	51.0	0.6	100	21.1	207.7 *	54.2	0.8	93	21.2	241.8 *	54.4	2.7	94
NuTech 3T-904 VT3	104	P250	1,2,3	24.2	206.9	53.2	2.9	98	7.0	5.1	73.1	30.9	193.2	51.1	0.7	97	20.7	201.9	54.3	3.3	98	20.9	225.7	54.3	4.7	99
NuTech 5B-804 GT/CB/LL	104	C250	1,2,4	24.2	218.0 *	53.4	1.1	99	7.4	5.2	72.7	30.4	216.7 *	51.5	0.0	99	21.0	186.2	54.3	1.1	99	21.1	251.2 **	54.5	2.3	99
NuTech 3T-106 VT3	106	P250	1,2,3	26.5	204.4	52.6	1.8	98	8.4	5.3	71.4	33.7	197.9	50.7	0.3	97	21.8	203.7	54.0	4.3	102	24.0	211.6	53.1	0.7	95
NuTech 3T-706 VT3	106	P250	1,2,3	26.0	218.4 *	52.7	1.7	98	8.3	5.2	71.5	32.4	222.0 **	50.9	0.3	97	22.6	204.0	53.6	1.4	98	23.1	229.2	53.5	3.3	98
PIONEER 35F40	105	P250	1,2,4,11,12,14	25.5	218.4 *	52.9	0.8	98	7.8	5.1	72.0	31.5	207.1 *	51.0	0.0	100	21.8	215.3 *	54.0	1.1	99	23.2	232.8	53.7	1.3	95
PIONEER 35K04	106	P250	1,2,3,4,11,12	25.4	209.6	52.9	0.4	96	8.1	5.1	73.0	31.2	191.2	51.0	0.0	97	22.5	205.5	53.9	0.9	93	22.4	232.2	53.9	0.3	99
RENK RK711RRHXTRA	107	P250	1,2,3,4	26.1	207.4	52.6	0.8	97	8.0	5.0	73.0	32.5	192.2	50.8	0.0	98	22.4	200.6	53.6	2.2	96	23.3	229.4	53.4	0.3	99
RENK RK744VT3	107	P250	1,2	26.1	209.7	52.7	1.4	98	8.1	5.2	72.5	33.0	200.6	50.8	0.3	99	22.7	191.6	53.6	1.8	100	22.5	236.8 *	53.6	2.0	95
RENK RK760VT3	106	P250	1,2,3	25.1	202.4	53.0	1.7	95	8.2	5.3	71.8	30.5	200.1	51.3	0.0	96	21.4	190.2	54.2	4.1	96	23.4	216.9	53.5	1.0	93

RUPP XR8013	107	P250	1,2,3	25.5	223.6 *	52.8	0.7	96	8.3	5.1	71.9	32.2	219.6 *	50.8	0.0	98	21.9	214.3 *	53.9	0.8	94	22.5	237.0 *	53.6	1.3	96
RUPP XR8439	105	C250	1,2,3	23.6	213.6	53.3	3.5	97	7.6	5.1	72.9	28.2	197.4	51.5	1.6	99	21.4	216.2 *	54.0	3.2	98	21.2	227.1	54.3	5.7	94
RUPP 8XP52A	103	P250	1,2,3	23.3	204.7	53.6	2.5	97	8.3	5.4	70.8	29.7	193.5	51.3	0.0	100	20.0	200.1	54.7	3.4	96	20.2	220.6	54.8	4.0	96
RUPP 8XP57A	102	P250	1,2,3	25.1	196.0	53.0	0.9	96	8.1	5.3	71.6	33.4	189.6	50.7	0.0	99	19.5	187.4	54.8	1.8	100	22.5	211.0	53.6	0.8	90
RUPP XR8534	104	P250	1	24.1	215.4	53.2	1.3	95	7.5	5.1	72.3	30.6	207.9 *	51.1	0.3	96	20.9	191.0	54.3	1.1	96	20.8	247.2 *	54.3	2.6	93
RUPP XR8873	107	C250	2,3,4	26.0	200.3	52.7	1.1	96	7.9	4.3	73.5	32.9	189.9	50.7	0.0	98	21.7	189.4	53.9	1.8	96	23.3	221.6	53.5	1.4	94
STEWART SEEDS 6T538	106	P250	1,2,3	25.6	217.0	52.8	0.4	99	7.5	5.0	72.8	31.9	207.7 *	51.0	0.0	100	21.7	209.9 *	54.0	0.4	98	23.3	233.5 *	53.5	0.7	98
STEWART SEEDS 6T672	107	P250	1,2,3	26.7	212.4	52.3	1.7	97	7.9	4.2	73.1	33.8	209.1 *	50.5	0.6	100	22.6	197.9	53.3	4.1	93	23.8	230.2	53.1	0.3	99
STEWART SEEDS 6T725	107	P250	1,2,3	26.1	200.2	52.7	1.7	99	6.5	5.4	73.8	34.1	176.3	50.6	0.0	100	21.2	201.2	54.1	3.2	100	23.0	223.2	53.5	2.0	97
UNITY SEEDS 4504VT3	104	P250	1,2,3	23.7	209.9	53.4	1.7	95	7.8	4.9	72.4	29.9	195.5	51.2	1.6	97	19.4	201.8	54.9	2.6	91	21.8	232.3	54.1	1.0	98
WELLMAN W2000VT3	100		1,2,3	23.3	204.6	53.5	2.1	99	7.3	5.1	72.1	30.0	193.4	51.2	0.0	100	19.0	210.0 *	55.0	4.4	98	20.9	210.3	54.4	1.9	99
WELLMAN W2002VT3	102		1,2,3	25.1	206.7	53.1	1.3	96	8.7	5.6	70.5	32.6	186.6	51.1	0.7	97	19.4	211.8 *	54.8	2.6	98	23.4	221.7	53.4	0.7	94
WELLMAN W2004VT3	104		1,2,3	24.1	187.0	53.1	2.3	91	9.8	5.4	69.2	28.8	190.4	51.3	0.7	96	21.7	170.6	53.9	3.0	82	21.9	200.1	54.0	3.1	95
WELLMAN W2007VT3	107		1,2,3	26.2	219.2 *	52.6	1.4	96	7.6	5.5	72.5	32.4	199.3	50.9	0.0	94	22.5	209.9 *	53.7	1.5	98	23.8	248.4 *	53.3	2.6	98
WELLMAN W2706	106			24.9	213.2	53.1	1.2	98	7.8	5.1	72.1	32.0	207.4 *	51.0	0.3	100	21.2	194.8	54.2	1.1	97	21.5	237.5 *	54.2	2.3	98
WELLMAN W2902VT3	102		1,2,3	22.3	208.5	53.7	1.2	97	7.9	5.5	72.1	27.2	196.1	51.6	0.7	99	19.2	202.1	54.9	1.9	95	20.6	227.3	54.6	1.0	98
AVERAGE				25.4	209.1	52.9	1.6	97	8.0	4.9	72.4	31.8	199.2	50.9	0.3	98	21.6	201.1	54.0	2.6	97	22.7	226.9	53.6	1.9	96
HIGHEST				29.2	227.3	53.9	5.5	100	9.8	5.6	74.6	35.9	222.0	51.8	1.6	100	25.1	225.6	55.0	8.9	102	26.6	251.2	54.9	8.3	100
LOWEST				21.9	187.0	51.7	0.3	87	6.5	4.2	69.2	26.2	176.3	50.4	0.0	87	19.0	170.6	52.5	0.0	79	19.7	200.1	52.2	0.0	86
CV (%)				4.4	6.1	0.6	106.3	4	7.8	6.2	1.3	4.7	5.7	0.5	263.0	3	4.3	6.9	0.7	69.8	5	3.6	5.7	0.6	115.6	5
LSD (5%)				2.9	10.2	0.3	1.3	3	0.9	0.4	1.3	2.1	16.0	0.4	0.9	4	1.3	19.2	0.6	2.5	6	1.2	17.9	0.4	3.0	6

2 Year Averages 2009 - 2008				EARLY - TRIAL AVERAGE					% QUALITY			BRANCH - EARLY					CASS - EARLY					LENAWEE - EARLY				
BRAND / HYBRID	**RM**	**TRT**	**TRAIT**	**%H2O**	**BU/A**	**Twt**	**%SL**	**%Std**	**Prot**	**Oil**	**Strch**	**%H2O**	**BU/A**	**Twt**	**%SL**	**%Std**	**%H2O**	**BU/A**	**Twt**	**%SL**	**%Std**	**%H2O**	**BU/A**	**Twt**	**%SL**	**%Std**
AGRIGOLD A6323CL	103	P250	5	20.9	214.3 *	54.3	1.4	96	7.5	4.6	65.9	23.9	210.9 **	53.2	1.0	98	19.9	199.1	54.8	2.1	93	18.9	232.8 **	55.0	1.3	96
AGRIGOLD A6325VT3	104	P250	1,2,3	21.3	208.8 *	54.3	2.9	98	8.5	4.4	65.1	24.1	190.6	53.6	0.3	97	20.6	219.6 *	54.5	4.5	99	19.4	216.3	54.7	3.9	98
BECK 5244VT3	106	P500	1,2,3	23.5	208.4 *	53.9	2.2	98	8.7	4.0	65.3	26.3	198.5	53.1	0.5	99	22.8	207.7 *	54.1	2.1	96	21.6	219.0	54.6	4.1	99
DEKALB DKC52-59 (VT3)	102	P250	1,2,3	18.8	212.1 *	54.6	1.0	99	7.5	4.2	66.1	20.6	195.0	54.0	0.3	100	19.0	210.0 *	54.8	0.9	97	16.9	231.5 *	55.1	1.9	100
DEKALB DKC54-16 (VT3)	104	P250	1,2,3	20.8	208.4 *	54.7	1.2	98	7.8	4.6	65.5	23.1	199.5	53.5	0.0	97	20.6	209.9 *	55.0	1.6	98	18.6	215.9	55.6	1.9	98
DEKALB DKC55-24 (VT3)	105	P250	1,2,3	19.0	209.6 *	55.4	0.6	95	7.8	4.5	65.9	20.6	187.3	54.1	0.3	96	18.9	220.3 **	55.8	1.1	94	17.5	221.1 *	56.1	0.3	96
G2 GENETICS 1H-005 HX/LL	105	C250	2,4	21.6	214.7 *	53.5	0.8	97	8.0	4.1	66.1	24.3	204.0 *	52.7	0.2	98	20.2	215.7 *	53.9	1.8	97	20.4	224.4 *	53.9	0.3	97
G2 GENETICS 1H-005A HX/LL	105	C250	2,4	21.7	215.7 *	53.4	1.1	97	7.7	4.0	66.7	24.4	209.7 *	52.3	0.7	97	20.0	218.4 *	54.1	0.9	98	20.6	218.9	53.7	1.7	95
G2 GENETICS 5H-506 RR/HX	106	C250	1,2,4	22.4	210.5 *	54.1	0.7	97	7.6	4.1	66.5	25.4	199.4	52.6	0.2	99	20.9	205.5	54.8	1.1	95	20.9	226.7 *	54.9	0.8	98
PIONEER 35F40	105	P250	1,2,4,11,12,14	21.8	216.8 **	55.0	1.2	98	7.6	4.5	65.6	24.3	210.0 *	54.0	0.5	98	20.8	207.9 *	55.3	2.1	97	20.2	232.6 *	55.8	1.1	98
STEWART SEEDS 6T672	107	P250	1,2,3	22.0	212.1 *	53.4	1.3	97	7.8	3.8	65.9	24.9	204.8 *	52.1	0.5	99	20.9	207.6 *	53.7	2.5	94	20.2	223.8 *	54.4	0.8	98
AVERAGE				21.3	211.9	54.2	1.3	97	7.8	4.3	65.9	23.8	200.9	53.2	0.4	98	20.4	211.1	54.6	1.9	96	19.6	223.9	54.9	1.7	98
HIGHEST				23.5	216.8	55.4	2.9	99	8.7	4.6	66.7	26.3	210.9	54.1	1.0	100	22.8	220.3	55.8	4.5	99	21.6	232.8	56.1	4.1	100
LOWEST				18.8	208.4	53.4	0.6	95	7.5	3.8	65.1	20.6	187.3	52.1	0.0	96	18.9	199.1	53.7	0.9	93	16.9	215.9	53.7	0.3	95
CV (%)				4.3	6.1	1.3	92.7	4.7	6.7	6.4	1.3	4.3	5.4	1.6	293.9	3.7	3.9	6.8	1.5	75.3	5.4	4.4	5.9	0.8	156.3	4.8
LSD (5%)				1.0	12.5	0.7	1.3	4.4	0.5	0.3	0.9	1.2	10.6	0.8	0.9	3.5	0.8	13.7	0.8	1.7	5.1	0.9	13.1	0.4	2.9	4.6

TM* Brand is distributed by Beck's Superior Hybrids Inc.

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

TABLE 1L. BRANCH, CASS & LENAWEE COUNTY GRAIN TRIALS - LATE (108 - 113 Day) ZONE 1

2009				LATE - TRIAL AVERAGE					% QUALITY			BRANCH - LATE					CASS - LATE					LENAWEE - LATE				
BRAND / HYBRID	RM	TRT	TRAIT	%H2O	BU/A	Twt	%SL	%Std	Prot	Oil	Strch	%H2O	BU/A	Twt	%SL	%Std	%H2O	BU/A	Twt	%SL	%Std	%H2O	BU/A	Twt	%SL	%Std
AGRIGOLD A6450Bt	109	P250	2	27.5	193.5	52.2	1.0	98	7.2	4.6	72.8	35.8	194.5	50.4	0.0	99	22.4	177.4	53.4	1.8	100	24.4	208.6	52.9	1.3	96
AGRIGOLD A6458VT3	109	P250	1,2,3	27.5	217.4 *	52.1	1.4	99	7.3	5.0	72.0	35.8	214.7 *	50.4	0.0	99	23.0	196.3	53.0	3.2	100	23.7	241.2 *	53.0	1.0	99
AGRIGOLD A6489VT3	111	P250	1,2,3	28.5	199.2	51.8	0.3	99	9.0	4.7	70.7	35.3	189.5	50.4	0.0	99	24.5	197.9	52.6	0.7	100	25.7	210.2	52.4	0.3	99
BECK 5444VT3	109	P500	1,2,3	28.9	210.1	51.8	0.9	95	8.9	4.3	72.0	35.4	197.2	50.5	0.0	93	24.0	199.1 *	52.8	1.8	98	27.2	233.9 *	52.0	1.0	94
BECK 5442VT3	110	P500	1,2,3	27.6	207.6	52.0	1.2	99	7.7	4.8	71.6	34.6	196.2	50.5	0.0	99	23.8	196.0	52.8	2.9	100	24.3	230.6 *	52.7	0.7	98
BECK 5335HXR™*	109	P500	1,2,3,4	26.0	213.8	52.7	0.3	100	7.8	4.5	73.2	31.2	207.4 *	51.1	0.0	99	22.8	195.8	53.6	0.7	100	24.1	238.3 *	53.3	0.3	100
CHANNEL 209-19VT3 Brand	109	C250	1,2,3	26.2	213.8	52.6	0.8	99	7.5	4.7	73.4	33.0	211.7 *	50.8	0.3	98	22.9	202.6 *	53.5	1.5	100	22.8	227.1	53.6	0.7	98
CHANNEL 210-57VT3 Brand	110	P250	1,2,3	28.5	207.2	51.8	1.1	100	8.8	5.2	70.9	35.4	201.6	50.4	0.6	100	23.8	190.6	52.9	1.1	100	26.4	229.4	52.2	1.6	100
DAIRYLAND STEALTH-9208Q	108	C250	1,2,3,4	25.6	198.8	52.8	2.5	99	7.4	4.4	74.1	32.1	191.5	50.9	0.0	100	21.6	191.9	53.9	5.0	100	23.1	212.9	53.5	2.6	98
DAIRYLAND STEALTH-9810	110	P250	1,2,3	26.9	206.2	52.4	1.4	99	7.3	5.1	72.9	34.1	203.9 *	50.7	0.0	100	22.8	188.0	53.4	3.6	99	23.8	226.7	53.1	0.7	99
DAIRYLAND STEALTH-9009	110	P250	1,2,3	29.4	200.7	51.6	0.4	99	8.6	4.5	72.2	36.3	190.3	50.4	0.0	100	24.6	185.8	52.5	1.1	99	27.3	226.1	52.0	0.0	97
DEKALB DKC59-35 (VT3)	109	P250	1,2,3	27.7	210.4	52.1	1.1	97	9.3	4.7	70.8	34.1	204.0 *	50.6	0.0	99	23.4	206.2 *	53.1	0.4	98	25.6	221.1	52.5	3.0	95
DEKALB DKC59-64 (VT3)	109	P250	1,2,3	28.5	202.7	51.9	1.3	94	7.8	5.1	71.4	35.1	193.2	50.5	0.0	98	23.7	187.8	53.0	2.9	95	26.7	227.1	52.2	1.1	88
DEKALB DKC60-51 (VT3)	110	P250	1,2,3	27.3	214.6	52.3	0.3	95	8.1	4.9	72.2	33.8	206.6 *	50.8	0.0	95	23.2	198.7	53.3	0.4	99	24.8	238.6 *	52.8	0.4	91
DEKALB DKC61-19 (VT3)	111	P250	1,2,3	28.1	214.9	52.0	1.4	100	7.9	5.0	72.5	35.1	210.0 *	50.5	0.3	100	24.2	196.5	52.7	2.5	100	25.1	238.1 *	52.7	1.3	99
DEKALB DKC61-69 (VT3)	111	P250	1,2,3	28.1	222.3 *	51.9	1.5	97	9.9	5.1	70.6	34.8	212.7 *	50.5	0.0	97	23.3	209.9 *	53.1	2.0	94	26.3	244.3 *	52.2	2.6	99
DYNAGRO 57V40	111	P250	1,2,3,14	27.5	210.3	52.1	1.7	99	7.8	4.4	72.5	34.2	196.5	50.5	0.0	96	24.0	197.5	52.9	3.6	100	24.2	236.9 *	52.8	1.6	100
DYNAGRO 57V98	110	P250	1,2,3,14	25.9	193.1	52.5	0.4	88	8.2	5.2	72.8	31.7	187.3	50.8	0.0	89	22.3	188.6	53.6	1.2	86	23.6	203.5	53.1	0.0	88
DYNAGRO V4993VT3	109	P250	1,2,3	25.5	195.3	52.7	2.0	99	8.1	5.4	72.4	31.6	191.3	50.9	1.0	99	20.8	172.8	54.1	2.9	100	24.0	221.8	53.0	2.2	99
G2 GENETICS 5H-909 RR/HX	109	C250	1,2,4	25.9	209.6	52.9	0.6	95	8.2	5.1	71.2	31.9	205.4 *	51.1	0.7	91	22.5	192.1	53.8	0.4	99	23.2	231.4 *	53.7	0.7	96
G2 GENETICS 5X-909 RR/HXT	109	C250	1,2,3,4	25.8	215.4 *	52.9	0.5	96	8.3	5.0	71.8	32.0	205.9 *	51.0	0.3	92	21.9	203.3 *	54.0	0.0	98	23.6	237.0 *	53.6	1.3	98
G2 GENETICS 1X-911 HXT/LL	110	C250	2,3,4	27.9	209.1	52.0	0.9	90	8.5	4.0	72.2	33.5	205.0 *	50.7	0.0	93	24.7	194.9	52.7	1.6	93	25.6	227.4	52.5	1.1	86
G2 GENETICS 5H-210 RR/HX	110	C250	1,2,4	29.0	201.1	51.6	0.1	96	8.0	5.1	72.2	35.4	193.7	50.4	0.0	98	24.4	193.5	52.6	0.0	95	27.1	216.1	51.9	0.3	94
G2 GENETICS 5X-711 RR/HXT	111	C250	1,2,3,4	28.0	214.8	52.0	0.7	95	8.0	4.6	72.5	34.9	211.3 *	50.5	0.0	97	23.5	207.0 *	53.1	1.5	96	25.6	226.1	52.5	0.7	93
GREAT LAKES 5939G3VT3	109	P250	1,2,3	28.1	209.7	51.9	1.8	99	7.3	5.0	71.3	36.1	216.1 **	50.4	0.0	100	23.7	179.8	52.8	4.0	100	24.6	233.2 *	52.6	1.3	96
MYCOGEN 2E696	110	C250	1,2,3	27.1	202.2	52.3	1.7	99	7.4	5.2	72.8	34.5	196.5	50.6	0.0	99	22.5	182.7	53.5	4.8	97	24.2	227.4	52.9	0.3	100
NK Brand N64Z	109	C250	2,3,4	27.6	210.9	52.1	2.2	96	7.1	4.2	74.3	34.6	211.3 *	50.6	0.3	95	23.4	197.9	53.0	5.4	98	24.7	223.4	52.7	1.0	95
NK Brand N68B	110	C250	2,3,4	28.3	206.3	52.0	0.3	99	6.5	4.8	74.7	36.1	197.3	50.4	0.3	100	24.3	199.2 *	52.7	0.4	100	24.4	222.4	52.8	0.3	97
NuTech 1N-309 CB/LL/RW	109	P250	2,3,4	28.0	205.7	51.8	1.4	96	7.0	4.8	73.9	33.5	203.7 *	50.7	0.0	99	24.7	195.4	52.5	3.4	92	25.8	218.0	52.3	0.7	96
NuTech 5N-809 GT/CB/LL/RW	109	P250	1,2,3,4	27.4	195.0	52.2	2.3	96	6.9	4.9	73.0	34.5	195.9	50.5	0.0	99	22.8	190.2	53.4	3.5	94	25.0	199.0	52.6	3.3	96
NuTech 3T-013 VT3	110	P250	1,2,3	29.6	214.4	51.5	0.3	97	8.5	4.6	71.6	36.1	199.2	50.3	0.3	98	25.0	219.1 *	52.4	0.4	98	27.8	225.0	51.8	0.3	96
NuTech 3T-110 VT3	110	P250	1,2,3	27.2	210.6	52.1	0.7	100	7.7	4.8	71.7	34.3	192.6	50.5	0.0	99	23.5	201.4 *	52.9	1.5	100	23.9	237.7 *	52.9	0.7	100
NuTech 3T-310 VT3	110	C250	1,2,3	29.2	209.1	51.6	0.7	98	8.9	4.3	72.1	35.4	211.1 *	50.5	0.0	100	25.1	181.2	52.4	1.9	97	27.2	235.1 *	52.0	0.3	98
NuTech 3A-811A RR	111	P250	1	28.4	225.4 *	52.0	0.7	100	8.4	5.4	71.4	36.1	209.5 *	50.5	0.0	100	23.4	223.9 **	53.0	1.1	100	25.8	242.8 *	52.5	1.0	100
NuTech 3T-512 VT3	112	P250	1,2,3	28.8	192.7	51.6	0.7	99	8.7	4.6	72.8	34.0	192.9	50.5	0.0	100	25.3	187.5	52.4	2.2	99	27.2	197.7	51.8	0.0	98
PIONEER 34R67	109	P250	1,2,4,11,12,13	28.1	218.9 *	51.9	0.6	99	8.5	4.9	71.9	34.6	209.0 *	50.5	0.0	100	24.0	208.5 *	52.8	1.8	98	25.6	239.1 *	52.3	0.0	100
PIONEER 34F97	111	P250	1,2,3,4,11	28.8	225.8 **	51.8	0.5	99	7.4	4.8	72.8	35.0	212.7 *	50.5	0.0	99	24.7	222.9 *	52.7	1.4	99	26.8	241.7 *	52.2	0.0	99
RENK RK822VT3	110	P250	1,2,3	26.3	203.7	52.5	0.7	99	9.8	5.9	68.5	32.6	202.6	50.8	0.0	100	22.1	192.1	53.9	1.1	98	24.3	216.5	52.9	1.0	100
RENK RK848RR	111	P250	1	28.1	218.3 *	52.2	1.6	98	7.6	5.2	72.8	36.5	202.3	50.4	0.0	97	23.0	208.4 *	53.3	2.5	100	24.8	244.3 **	52.8	2.3	98
RENK RK829VT3	112	P250	1,2,3	26.8	189.9	52.3	0.4	97	9.0	5.5	68.9	33.2	187.9	50.7	0.0	98	23.1	185.0	53.4	1.1	98	24.2	196.8	52.9	0.0	96
RENK RK844VT3	112	P250	1,2,3	28.7	207.3	51.8	2.0	99	8.6	4.8	71.9	34.2	200.5	50.7	0.0	100	25.6	194.6	52.4	4.3	99	26.3	226.8	52.3	1.6	97
RUPP 8XP10A	111	P250	1	28.1	209.1	52.2	1.7	98	7.2	5.5	72.3	36.2	199.7	50.4	0.3	99	23.5	186.1	53.1	2.9	100	24.5	241.6 *	53.0	2.0	97
RUPP 8XP65A	108	P250	1,2,3	26.3	211.3	52.5	0.7	96	8.3	4.8	72.7	32.2	207.1 *	50.9	0.0	96	22.7	202.5 *	53.4	0.4	98	24.1	224.2	53.1	1.7	93
RUPP XR1791	109	C250		25.7	214.7	52.6	1.2	95	8.1	4.6	72.0	30.9	210.5 *	51.0	0.0	97	22.9	199.9 *	53.4	2.7	93	23.4	233.7 *	53.4	1.0	96
RUPP XR8015	110	C250	1,2,3	29.0	208.4	51.7	1.3	98	8.9	4.3	72.2	35.3	205.1 *	50.5	0.7	99	24.7	190.9	52.5	1.8	99	27.1	229.3	52.0	1.3	97

STEWART SEEDS 7T285	108	P250	1,2,3	28.7	201.8	51.9	0.7	98	7.8	4.6	73.0	36.1	195.6	50.4	0.0	99	24.0	188.2	52.9	1.1	99	26.0	221.7	52.4	1.0	95
STEWART SEEDS 7T618	109	P250	1,2,3	28.0	204.7	52.0	0.9	99	8.5	4.6	72.5	35.2	193.6	50.4	0.0	100	22.4	206.1 *	53.4	2.6	99	26.4	214.5	52.1	0.0	97
STEWART SEEDS 7T875	111	P250	1,2,3	28.4	192.2	51.8	0.6	99	8.1	4.7	72.7	35.2	188.9	50.4	0.0	98	24.4	174.8	52.7	1.5	100	25.5	212.9	52.4	0.3	100
STEWART SEEDS 7T945	111	P250	1,2,3	28.6	209.7	51.7	0.7	98	8.9	5.2	71.3	34.2	207.2 *	50.5	0.0	99	25.3	200.9 *	52.4	1.4	100	26.4	221.0	52.2	0.7	97
TRELAY 7T668	108	P250	1,2,3	27.5	195.8	51.9	2.5	96	8.2	4.3	73.0	33.2	191.8	50.6	0.0	96	23.7	190.4	52.7	4.3	92	25.7	205.3	52.3	3.2	98
TRELAY 7RR162	108	P250	1	28.2	210.2	51.9	1.5	100	8.5	4.7	73.1	34.5	198.8	50.6	0.3	99	23.9	196.3	53.0	3.6	100	26.1	235.5 *	52.2	0.6	100
TRELAY 7T630	110	P250	1,2,3	28.2	208.7	51.9	2.2	100	8.5	4.8	71.3	34.9	198.3	50.5	0.0	100	23.2	201.4 *	53.1	2.9	100	26.5	226.5	52.1	3.8	99
TRELAY 7VT493	110	P250	1,2,3	28.6	200.9	51.8	0.5	99	9.4	5.2	70.8	34.3	192.0	50.6	0.0	100	24.1	208.8 *	52.8	1.1	96	27.5	201.8	51.9	0.3	100
WELLMAN W2008VT3	108		1,2,3	26.1	207.9	52.6	1.1	97	8.6	5.1	70.3	32.2	192.2	50.9	0.0	98	22.2	202.5 *	53.7	1.5	96	23.8	228.9	53.1	1.9	98
WELLMAN W2010VT3	110		1,2,3	27.7	205.7	51.9	1.6	98	8.2	4.6	71.1	34.5	193.2	50.5	0.0	96	24.2	196.5	52.6	2.9	100	24.4	227.3	52.6	1.9	98
WELLMAN W2810VT3	110		1,2,3	28.9	211.2	51.7	0.8	97	9.0	4.1	72.4	35.6	198.4	50.4	0.0	98	24.9	195.2	52.4	1.8	96	26.3	240.1 *	52.2	0.7	99
WELLMAN W2108VT3	108		1,2,3	26.3	211.5	52.6	1.2	95	9.1	5.3	71.6	33.0	202.1	50.8	0.0	94	22.7	205.9 *	53.4	2.1	100	23.2	226.4	53.5	1.4	92
AVERAGE				27.7	207.6	52.1	1.1	98	8.2	4.8	72.1	34.3	200.6	50.6	0.1	98	23.6	196.2	53.0	2.1	98	25.2	225.8	52.6	1.1	97
HIGHEST				29.6	225.8	52.9	2.5	100	9.9	5.9	74.7	36.5	216.1	51.1	1.0	100	25.6	223.9	54.1	5.4	100	27.8	244.3	53.7	3.8	100
LOWEST				25.5	189.9	51.5	0.1	88	6.5	4.0	68.5	30.9	187.3	50.3	0.0	89	20.8	172.8	52.4	0.0	86	22.8	196.8	51.8	0.0	86
CV (%)				3.2	6.2	0.5	122.2	4	7.2	5.9	1.2	2.5	4.7	0.2	444.2	3	3.3	9.1	0.6	93.1	4	3.8	4.3	0.5	107.8	4
LSD (5%)				0.7	10.4	0.2	1.1	3	0.8	0.4	1.3	1.2	13.0	0.2	0.6	4	1.1	24.9	0.4	2.7	6	1.4	13.7	0.4	1.6	5

2 Year Averages 2009 - 2008				LATE - TRIAL AVERAGE					% QUALITY			BRANCH - LATE					CASS - LATE					LENAWEE - LATE				
BRAND / HYBRID	**RM**	**TRT**	**TRAIT**	**%H2O**	**BU/A**	**Twt**	**%SL**	**%Std**	**Prot**	**Oil**	**Strch**	**%H2O**	**BU/A**	**Twt**	**%SL**	**%Std**	**%H2O**	**BU/A**	**Twt**	**%SL**	**%Std**	**%H2O**	**BU/A**	**Twt**	**%SL**	**%Std**
AGRIGOLD A6489VT3	111	P250	1,2,3	25.3	208.7 *	53.4	0.4	98	8.4	4.2	64.9	28.1	206.2 *	52.7	0.2	97	24.7	210.9 *	53.2	0.8	98	22.9	208.8	54.3	0.3	99
BECK 5335HXR™*	109	P500	1,2,3,4	22.9	207.3 *	55.7	0.4	99	7.5	3.9	69.9	25.5	207.6 *	54.9	0.2	99	21.8	200.5 *	55.7	0.5	99	21.4	213.7	56.5	0.5	99
BECK 5442VT3	110	P500	1,2,3	23.0	205.3 *	52.7	1.0	97	7.8	4.4	64.8	26.2	198.4	52.2	0.3	97	22.9	201.8 *	52.3	1.6	96	20.0	215.8	53.7	1.1	97
BECK 5444VT3	109	P500	1,2,3	24.1	208.1 *	52.6	0.9	96	8.6	4.3	65.5	27.6	209.2 *	52.1	0.3	97	22.3	203.9 *	52.6	1.2	96	22.4	211.2	53.1	1.2	96
DAIRYLAND STEALTH-9009	109	P250	1,2,3	24.4	199.9	52.5	0.4	98	8.3	4.2	65.6	27.1	194.1	52.0	0.2	98	23.7	198.1 *	52.3	0.5	99	22.3	207.6	53.2	0.3	98
DEKALB DKC61-19 (VT3)	111	P250	1,2,3	24.0	214.9 *	53.0	1.1	97	7.8	4.4	66.1	28.1	215.7 *	51.9	0.5	99	23.7	204.8 *	52.8	1.7	96	20.4	224.2 *	54.5	1.0	97
DEKALB DKC61-69 (VT3)	111	P250	1,2,3	23.5	216.9 **	53.2	2.2	97	8.9	4.6	64.7	27.0	212.4 *	52.5	0.2	98	21.8	212.5 *	53.2	2.1	92	21.7	225.9 *	54.0	4.3	99
DYNAGRO 57V98	110	P250	1,2,3,14	22.5	203.9	54.4	0.5	93	7.3	4.6	66.9	25.5	198.0	53.4	0.0	94	21.3	204.4 *	54.7	0.8	91	20.7	209.2	55.1	0.7	93
G2 GENETICS 1X-911 HXT/LL	110	C250	2,3,4	24.3	213.1 *	54.5	0.9	92	8.0	3.7	66.4	27.8	216.7 *	53.8	0.9	93	22.7	209.0 *	54.6	1.0	93	22.3	213.6	55.0	0.9	90
NuTech 3T-110 VT3	110	P250	1,2,3	23.3	214.9 *	52.9	0.8	98	7.5	4.2	65.5	26.9	210.7 *	52.0	0.0	99	22.6	213.5 **	52.6	1.4	96	20.4	220.3 *	54.0	1.0	99
NuTech 3T-310 VT3	110	C250	1,2,3	24.0	209.3 *	52.4	1.1	98	8.7	4.1	65.5	26.9	217.2 **	52.4	0.3	99	23.1	196.5	52.6	1.4	97	22.0	214.2	52.1	1.6	99
NuTech 3T-512 VT3	112	P250	1,2,3	25.0	204.8 *	53.3	0.5	98	7.6	4.1	66.6	27.1	203.4	53.0	0.0	99	24.9	202.5 *	52.6	1.2	97	22.9	208.6	54.2	0.3	98
PIONEER 34R67	109	P250	1,2,4,11,12,13	24.0	213.1 *	54.0	0.5	99	8.1	4.3	65.6	27.3	200.6	53.2	0.3	99	22.8	212.0 *	53.9	1.1	97	22.1	226.8 **	54.9	0.2	100
RENK RK829VT3	112	P250	1,2,3	23.1	198.0	53.1	0.6	98	8.7	4.8	63.8	26.2	202.8	52.3	0.5	99	22.6	194.4	53.6	1.2	96	20.5	196.7	53.5	0.2	98
RENK RK844VT3	112	P250	1,2,3	23.9	207.5 *	53.8	1.3	99	8.4	4.5	65.1	26.6	204.3	53.2	0.5	100	23.1	200.7 *	53.7	2.6	99	22.0	217.4 *	54.6	0.8	97
RUPP XR1791	109	C250		22.4	214.1 *	54.9	1.1	96	7.6	3.9	66.2	25.7	212.3 *	54.0	0.8	96	21.4	209.8 *	54.3	1.8	96	20.1	220.1 *	56.6	0.7	96
RUPP XR8015	110	C250	1,2,3	23.9	204.6 *	52.6	1.3	98	8.6	4.2	65.4	27.3	206.7 *	52.3	0.3	99	22.7	192.5	52.4	1.4	96	21.9	214.6	53.2	2.1	99
TRELAY 7T630	110	P250	1,2,3	24.2	215.0 *	53.3	1.3	99	8.0	4.2	65.2	27.4	212.3 *	52.6	0.3	99	22.0	212.4 *	53.5	1.4	98	23.2	220.3 *	53.9	2.2	99
WELLMAN W2810VT3	110		1,2,3	24.0	207.6 *	52.6	0.8	97	8.6	4.1	65.3	27.4	200.3	52.0	0.5	98	22.7	203.7 *	52.6	1.4	95	21.9	218.8 *	53.4	0.5	98
AVERAGE				23.8	208.8	53.4	0.9	97	8.1	4.2	65.7	26.9	206.8	52.8	0.3	98	22.8	204.4	53.3	1.3	96	21.6	215.1	54.2	1.0	97
HIGHEST				25.3	216.9	55.7	2.2	99	8.9	4.8	69.9	28.1	217.2	54.9	0.9	100	24.9	213.5	55.7	2.6	99	23.2	226.8	56.6	4.3	100
LOWEST				22.4	198.0	52.4	0.4	92	7.3	3.7	63.8	25.5	194.1	51.9	0.0	93	21.3	192.5	52.3	0.5	91	20.0	196.7	52.1	0.2	90
CV (%)				4.5	6.3	1.6	139.9	3.8	6.6	6.4	1.2	3.2	5.5	1.2	324.0	3.0	6.1	8.1	1.9	94.6	5.1	4.4	5.0	1.7	154.7	3.0
LSD (5%)				1.1	12.8	0.8	1.4	3.6	0.5	0.3	0.8	1.0	11.1	0.6	0.7	2.9	1.4	15.9	1.0	1.7	4.8	1.0	10.9	0.9	1.7	2.9

™* Brand is distributed by Beck's Superior Hybrids Inc.

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

TABLE 2E. INGHAM, KENT & SAGINAW COUNTY GRAIN TRIALS - EARLY (84 - 101 Day) ZONE 2

2009				EARLY - TRIAL AVERAGE					% QUALITY			INGHAM - EARLY					SAGINAW - EARLY					KENT - EARLY				
BRAND / HYBRID	RM	TRT	TRAIT	%H2O	BU/A	Twt	%SL	%Std	Prot	Oil	Strch	%H2O	BU/A	Twt	%SL	%Std	%H2O	BU/A	Twt	%SL	%Std	%H2O	BU/A	Twt	%SL	%Std
AGRIGOLD A6220VT3	98	P250	1,2,3	23.6	216.8	52.8	0.9	96	7.7	4.4	58.8	23.5	225.3	52.0	0.0	99	24.4	194.7	53.0	1.0	91	22.9	230.5 *	53.5	1.6	98
AGRIGOLD A6225VT3	98	P250	1,2,3	24.6	202.5	52.4	0.4	97	7.6	4.4	59.6	24.3	215.6	51.6	0.0	100	24.9	173.2	52.8	0.6	96	24.5	218.8	52.7	0.7	95
AGRIGOLD A6279VT3	101	P250	1,2,3	27.0	207.8	51.9	2.1	98	7.7	4.1	59.5	27.6	213.0	51.0	0.3	98	28.1	189.3	52.0	4.3	98	25.3	221.0	52.6	1.6	98
BAYSIDE Super 93	93	P250		22.3	195.2	53.3	3.0	96	7.2	4.0	60.7	22.3	201.4	52.5	0.3	98	23.2	180.6	53.4	0.4	91	21.4	203.6	54.0	8.3	98
BAYSIDE 3784GTCBLL	84		1,2,4	21.0	183.8	54.0	7.7	98	9.7	4.9	56.1	21.9	174.9	53.0	10.7	98	20.0	194.1	54.9	1.5	100	21.1	182.5	54.2	10.8	97
BAYSIDE 6094YGCBRR	94	P250	1,2	22.3	202.9	53.4	0.7	88	7.7	4.5	59.3	22.3	212.7	52.7	0.7	89	22.8	183.7	53.7	0.4	85	21.9	212.2	53.8	1.0	90
BAYSIDE 6094VT3	94	P250	1,2,3	21.6	207.8	53.6	1.2	99	7.7	4.2	59.6	22.1	211.0	52.7	0.3	100	21.8	183.4	54.0	0.0	99	20.8	229.1 *	54.2	3.4	98
BAYSIDE 5100RR	100	P250	1	25.0	221.2 *	52.2	0.9	98	6.3	4.0	61.0	25.8	220.4	51.3	0.3	99	24.8	203.9 *	52.7	0.3	96	24.5	239.2 *	52.6	2.1	100
CHANNEL 199-55VT3 Brand	99	P250	1,2,3	24.4	211.3	52.5	0.9	99	7.3	4.2	60.1	25.3	233.0 *	51.5	0.6	100	23.7	182.8	53.1	0.0	100	24.2	218.2	52.8	2.2	96
CHANNEL 200-22VT3 Brand	100	P250	1,2,3	24.7	218.5	52.5	1.5	97	7.5	4.3	59.4	24.0	226.1	51.9	0.0	100	24.4	198.0 *	53.2	1.9	97	25.6	231.5 *	52.5	2.6	94
CROPLAN 4338VT3	100	C250	1,2,3	24.7	211.2	52.5	1.4	97	6.8	4.6	60.5	24.3	216.9	51.9	1.3	100	25.7	186.1	52.6	1.6	95	24.1	230.6 *	52.9	1.3	97
CROPLAN 4801VT3	101	C250	1,2,3	24.6	216.4	52.6	1.7	96	7.5	3.9	59.5	25.9	217.6	51.4	0.6	99	24.0	209.5 *	53.3	1.9	96	24.0	222.2	53.0	2.7	94
DAIRYLAND STEALTH-9196	96	P250	1,2,3	21.1	205.4	53.9	0.7	97	7.1	4.3	59.9	20.9	208.7	53.3	0.3	100	20.5	188.3	54.6	0.0	96	22.0	219.3	53.7	1.9	93
DAIRYLAND STEALTH-9597Q	97	C250	1,2,3,4	24.3	202.3	52.6	1.4	99	6.3	3.3	63.0	24.1	218.8	51.8	1.0	99	25.6	165.2	52.6	0.0	96	23.1	222.9	53.4	3.3	101
DAIRYLAND STEALTH-9799	99	P250	1,2,3	23.6	216.6	52.8	1.3	99	7.7	4.3	59.6	24.9	218.5	51.5	0.0	99	22.7	207.8 *	53.7	0.0	99	23.1	223.4	53.3	4.0	99
DEKALB DKC42-72 (VT3)	92	P250	1,2,3	22.2	209.2	53.4	2.0	100	8.2	4.0	59.1	23.3	205.4	52.1	3.5	100	21.3	196.9 *	54.3	0.0	100	21.9	225.4	53.8	2.4	99
DEKALB DKC45-79 (VT3)	95	P250	1,2,3	22.6	209.6	53.3	0.8	97	7.2	4.1	59.6	23.7	208.6	52.1	0.3	96	21.9	195.4 *	54.1	0.0	96	22.1	224.9	53.8	2.2	99
DEKALB DKC46-60 (VT3)	96	P250	1,2,3	22.6	206.7	53.3	1.3	99	7.7	4.4	58.9	22.9	214.0	52.3	0.3	100	23.6	179.6	53.5	0.4	96	21.3	226.5	54.2	3.1	99
DEKALB DKC48-37 (VT3)	98	P250	1,2,3	22.6	207.1	53.3	0.8	96	7.3	4.7	59.1	23.6	212.4	52.2	0.6	97	22.1	196.2 *	54.1	0.0	95	22.1	212.7	53.7	1.7	94
DEKALB DKC50-35 (VT3)	100	P250	1,2,3	25.3	219.6 *	52.2	0.2	96	8.3	4.7	58.7	25.4	244.4 *	51.5	0.0	98	25.8	191.4	52.5	0.0	94	24.8	222.9	52.6	0.6	98
DEKALB DKC50-44 (VT3)	100	P250	1,2,3	24.5	222.9 *	52.6	1.3	96	6.9	3.7	60.3	25.1	229.5 *	51.7	0.3	99	24.6	200.2 *	52.9	1.7	92	23.7	238.9 *	53.1	1.9	97
DEKALB DKC50-66 (VT3)	100	P250	1,2,3	23.3	211.7	52.9	1.3	97	7.9	4.1	59.2	24.0	220.8	51.8	0.3	99	23.5	193.2	53.3	0.3	99	22.3	221.1	53.6	3.2	93
DEKALB DKC51-13 (VT3)	101	P250	1,2,3	24.6	211.8	52.5	0.7	97	7.2	4.4	60.1	24.3	232.5 *	51.8	0.3	100	24.8	187.0	52.9	0.9	98	24.6	215.8	52.8	1.0	92
DYNAGRO 54V78	96	P250	1,2,3,14	21.9	206.8	53.6	1.9	98	7.9	4.4	59.0	21.7	215.9	52.8	1.6	100	22.5	194.3	53.8	0.6	98	21.4	210.1	54.1	3.6	96
DYNAGRO V3883VT3	98	P250	1,2,3	24.4	207.1	52.5	1.2	97	7.8	4.2	60.0	25.6	222.7	51.4	0.0	99	23.3	180.8	53.4	1.1	95	24.2	217.8	52.7	2.6	95
G2 GENETICS 5H-999 RR/HX	97	C250	1,2,4	24.2	215.9	52.5	2.1	98	8.1	3.8	58.8	23.7	220.9	52.0	0.7	100	25.4	190.8	52.6	2.6	96	23.6	235.9 *	52.9	3.1	97
G2 GENETICS 5H-700B RR/HX	100	C250	1,2,4	24.6	225.2 *	52.5	0.7	96	7.2	3.8	60.4	24.9	230.6 *	51.6	0.0	99	25.6	197.6 *	52.6	1.0	93	23.3	247.5 *	53.2	1.0	98
G2 GENETICS 5X-000 RR/HXT	100	C250	1,2,3,4	26.5	209.8	51.7	0.9	98	6.7	4.0	61.9	27.4	237.7 *	50.9	0.3	100	27.0	167.3	51.6	0.0	95	25.0	224.5	52.5	2.5	99
G2 GENETICS 5H-501 RR.HX	101	C250	1,2,4	25.4	224.0 *	52.4	1.5	93	7.2	3.6	61.0	26.3	232.7 *	51.2	0.7	96	25.4	218.0 **	52.5	0.0	91	24.6	221.3	53.6	3.9	93
G2 GENETICS 5H-702 RR/HX	101	C250	1,2,4	25.7	231.9 **	52.1	1.4	96	7.3	3.7	60.5	26.9	243.8 *	51.1	1.0	99	26.5	200.9 *	52.2	1.7	95	23.6	251.1 **	53.1	1.6	96
G2 GENETICS 5X-802 RR/HXT	101	C250	1,2,3,4	25.2	229.0 *	52.2	1.1	99	7.5	3.6	59.6	26.4	251.3 **	51.1	0.0	99	24.9	199.8 *	52.7	0.9	99	24.2	235.8 *	52.8	2.4	100
GREAT LAKES 4689G3VT3	96	P250	1,2,3	23.7	209.9	52.6	1.3	98	8.1	4.3	58.9	24.4	208.8	51.7	0.0	100	22.9	192.5	53.3	0.4	97	23.8	228.4	52.9	3.4	96
GREAT LAKES 4840G3VT3	98	P250	1,2,3	23.3	205.4	52.9	0.7	97	7.1	4.4	60.2	23.5	219.3	52.1	0.0	100	24.1	181.9	53.0	0.3	96	22.3	215.1	53.7	1.9	95
GREAT LAKES 4951G3VT3	99	P250	1,2,3	24.5	218.9 *	52.5	2.5	98	7.5	4.4	59.5	26.0	238.5 *	51.3	1.0	100	23.8	204.0 *	53.2	2.8	95	23.7	214.1	52.9	3.7	99
HYLAND SEEDS HLB49R	101	P250	1,2,4	24.6	208.8	52.3	1.1	100	7.2	4.1	60.0	24.8	223.5	51.7	0.7	99	25.2	176.0	52.3	1.5	100	23.9	226.8	52.8	1.2	100
HYLAND SEEDS HLCVR64	97	P250	1,2,3	21.8	214.4	53.5	0.5	100	7.7	4.0	59.9	22.9	220.3	52.3	0.0	99	21.1	186.6	54.3	0.9	100	21.5	236.2 *	53.9	0.6	100
HYLAND SEEDS HLCVR68	98	P250	1,2,3	23.8	212.2	52.7	1.9	98	7.5	4.0	59.6	24.6	219.5	51.8	1.0	99	23.2	195.9 *	53.2	1.0	98	23.5	221.1	53.2	3.8	97
HYLAND SEEDS HLCVR72	99	P250	1,2,3	23.6	212.0	52.9	1.2	97	8.1	4.4	58.9	24.0	217.7	52.0	0.0	99	23.8	189.2	53.1	0.3	93	22.9	229.1 *	53.5	3.4	99
HYLAND SEEDS HLCVR74	101	P250	1,2,3	25.7	213.7	52.1	0.9	100	7.8	4.2	59.7	26.2	211.5	51.2	0.6	100	26.2	192.5	52.4	0.3	100	24.8	237.2 *	52.6	1.8	100
LEGACY SEEDS L-3538VT3	95	P250	1,2,3	23.5	209.1	52.9	1.5	94	8.0	4.7	58.8	23.6	220.8	52.1	0.7	96	24.1	185.3	53.1	1.3	89	22.8	221.2	53.6	2.6	96
LEGACY SEEDS L-3750VT3	97	P250	1,2,3	23.2	205.7	53.0	1.5	91	7.6	4.3	60.0	23.9	219.1	51.9	1.0	96	22.7	187.6	53.8	0.4	91	22.9	210.4	53.4	3.2	87
LEGACY SEEDS L-4009HXTRR	100	P250	1,2,3,4	26.3	205.4	51.8	0.9	100	6.8	4.1	61.6	28.2	224.4	50.7	0.3	100	25.6	163.4	52.4	0.9	99	25.0	228.4	52.4	1.5	100
M&W SEEDS 45A17	100	P250	2,4	25.7	205.0	52.2	1.7	96	7.1	3.4	62.0	24.7	232.2 *	51.7	1.0	99	28.7	169.4	51.6	0.3	96	23.6	213.4	53.2	3.7	93
M&W SEEDS 46M97	101	P250	1,2,3	27.8	204.7	51.6	0.4	96	7.4	4.1	60.3	29.3	204.7	50.6	1.0	96	27.6	192.3	52.0	0.0	95	26.6	217.0	52.1	0.3	98
MYCOGEN 2M495	99	C250	1,2,3	23.1	211.3	52.8	1.6	98	7.7	4.3	59.4	24.3	207.1	51.6	0.7	98	22.5	192.5	53.3	0.7	96	22.5	234.3 *	53.4	3.4	100

NK Brand N29A	92	C250	1	22.0	207.4	53.4	1.2	97	7.2	4.3	59.5	22.6	219.7	52.5	0.3	99	21.4	191.1	54.2	0.0	95	22.1	211.4	53.6	3.3	96
NK Brand N34N	95	C250	2,3,4	23.0	210.9	53.1	2.2	95	8.1	4.8	58.4	23.3	215.9	52.2	0.3	97	23.2	192.3	53.5	0.3	94	22.6	224.5	53.5	6.1	94
NK Brand N39Z	98	C250	2,3,4	24.5	211.9	52.4	1.4	95	7.3	3.6	60.5	26.1	218.7	51.2	1.0	99	23.6	201.9 *	53.0	0.4	91	23.9	215.0	52.9	2.9	94
NuTech 3T-098 VT3	97	C250	1,2,3	24.2	212.5	52.4	0.7	95	7.7	4.3	59.9	25.2	231.0 *	51.5	0.0	98	23.2	188.0	52.8	1.1	92	24.3	218.5	52.8	1.0	95
NuTech 5N-398 GT/CB/LL/RW	97	C250	11,2,3,4	24.6	206.2	52.4	2.6	98	6.7	4.6	59.9	26.1	213.4	51.3	1.0	100	24.2	183.4	52.5	1.6	97	23.5	221.7	53.3	5.2	99
NuTech 3T-300 VT3	100	C250	1,2,3	24.8	209.2	52.3	1.4	97	6.2	4.3	61.0	25.6	218.1	51.5	1.3	99	24.6	190.2	52.7	0.0	97	24.2	219.4	52.8	2.9	95
NuTech 3T-600 VT3	100	P250	1,2,3	24.1	199.7	52.6	1.2	92	6.8	4.0	60.1	25.0	206.8	51.6	0.0	91	23.9	163.4	52.9	0.7	91	23.5	228.8	53.3	2.9	94
NuTech 1N-001 CB/LL/RW	101	C250	2,3,4	25.7	211.7	52.0	1.3	97	6.6	4.4	60.3	26.8	229.9 *	50.9	0.3	100	25.6	180.9	52.4	0.0	96	24.7	224.3	52.6	3.5	94
NuTech IB-202 CB/LL	101	P250	2,4	27.1	217.9	51.7	1.7	97	6.7	3.5	61.7	27.6	237.5 *	50.8	0.4	98	29.2	196.7 *	51.5	0.3	98	24.4	219.5	52.8	4.4	96
NuTech 3T-302 VT3	101	C250	1,2,3	27.4	217.2	51.8	0.8	98	8.6	4.3	58.7	29.0	231.1 *	50.7	0.3	100	25.4	203.1 *	52.5	0.0	98	27.7	217.3	52.1	2.2	96
PIONEER 37Y14	99	P250	1,2,3,4,11,12	22.9	207.0	53.1	2.1	98	8.2	4.0	60.0	23.3	222.1	52.3	0.3	98	22.6	190.0	53.7	0.0	97	22.9	208.9	53.4	6.1	99
PIONEER 37K11	99	P250	1,2,4,11,12	23.8	207.5	52.6	0.4	98	7.1	3.9	59.8	25.3	204.5	51.4	0.0	100	23.6	188.1	53.1	0.0	97	22.5	229.9 *	53.4	1.2	98
RENK RK594GTCBLLRW	100	P250	1,2,3,4	24.5	208.5	52.5	1.8	99	6.5	4.7	59.9	24.8	216.8	51.7	0.3	100	25.7	178.7	52.6	1.0	96	22.9	229.9 *	53.3	4.0	100
RENK RK670VT3	102	P250	1,2,3	25.5	213.2	52.1	0.9	99	7.4	4.2	59.8	26.3	223.7	51.2	1.0	99	26.1	188.8	52.3	0.3	98	24.1	227.0	52.9	1.5	100
RUPP XR1588	100	C250		25.0	217.9	52.3	0.3	97	6.8	3.7	60.4	24.8	237.3 *	51.7	0.0	97	24.7	184.6	52.9	0.3	98	25.4	231.9 *	52.4	0.6	97
RUPP 8XP58A	100	P250	1,2,3	23.9	206.9	52.6	0.8	99	7.0	4.2	59.7	25.5	214.2	51.3	0.3	99	23.3	170.8	52.9	0.0	96	22.8	235.8 *	53.5	2.1	100
RUPP XR8002	94	C250	1,2,3	21.1	212.3	53.8	1.0	94	8.0	4.4	58.6	22.1	215.9	52.7	1.0	100	20.0	202.1 *	54.7	0.3	91	21.1	219.0	54.1	1.7	93
RUPP XR8752	96	C250	1,2,3	24.4	211.9	52.5	1.0	95	7.0	4.2	60.6	25.5	198.4	51.4	0.3	94	23.9	207.5 *	53.3	1.3	94	23.8	229.8 *	52.8	1.4	96
STEWART SEEDS 4T435	93	P250	1,2,3	21.1	205.6	53.9	1.5	100	7.6	4.1	59.9	21.7	200.2	52.9	0.7	100	20.5	199.7 *	54.7	0.3	99	21.1	216.9	54.1	3.4	99
STEWART SEEDS 4T458	95	P250	1,2,3	23.4	220.6 *	52.9	1.2	96	8.1	4.1	59.0	24.4	222.5	51.8	0.7	97	23.1	201.7 *	53.6	0.3	98	22.7	237.6 *	53.4	2.7	94
STEWART SEEDS 4T918	98	P250	1,2,3	23.8	218.4	52.8	0.9	99	7.2	3.9	60.1	24.3	221.4	51.9	0.3	100	24.0	187.2	53.2	0.3	98	23.1	246.7 *	53.4	2.2	99
STEWART SEEDS 5T429	101	P250	1,2,3	25.2	220.0 *	52.2	1.5	96	7.1	4.3	59.9	25.5	244.4 *	51.4	0.3	100	26.3	178.0	52.2	1.0	94	23.9	237.6 *	52.9	3.3	94
TRELAY 4RR455	95	P250	1	22.5	210.7	53.4	1.9	95	7.1	4.2	59.8	23.6	204.3	52.0	0.3	100	22.4	196.9 *	54.1	0.3	95	21.5	230.8 *	54.0	5.0	91
TRELAY 4VT741	96	P250	1,2,3	22.9	214.2	53.2	1.7	95	7.8	4.0	58.7	23.5	215.7	52.1	0.3	94	23.0	188.2	53.6	1.6	96	22.3	238.8 *	53.9	3.2	96
UNITY SEEDS 4496VT3	96	P250	1,2,3	21.4	212.3	53.6	0.6	97	7.0	4.1	59.9	21.1	211.3	53.1	0.3	100	20.9	190.9	54.3	0.4	93	22.3	234.8 *	53.5	1.2	97
WELLMAN W2000VT3	100		1,2,3	23.7	214.4	52.9	1.0	99	7.4	4.3	59.2	24.0	229.3 *	52.0	0.3	99	23.9	180.8	53.3	1.6	98	23.1	233.2 *	53.4	1.2	100
AVERAGE				24.0	211.4	52.7	1.3	97	7.4	4.2	59.8	24.6	219.8	51.8	0.6	99	24.0	189.6	53.1	0.7	96	23.3	224.8	53.2	2.7	97
HIGHEST				27.8	231.9	54.0	3.0	100	9.7	4.9	63.0	29.3	251.3	53.3	10.7	100	29.2	218.0	54.9	4.3	100	27.7	251.1	54.2	10.8	101
LOWEST				21.0	183.8	51.7	0.2	91	6.2	3.3	56.1	20.9	174.9	50.6	0.0	89	20.0	163.4	51.5	0.0	85	20.8	182.5	52.1	0.3	87
CV (%)				5.8	7.9	1.0	123.7	4	7.3	6.4	1.4	6.8	8.0	1.0	207.1	3	5.9	8.7	1.1	163.2	5	4.4	7.1	0.8	85.0	5
LSD (5%)				1.1	13.3	0.4	1.3	3	0.8	0.4	1.2	2.3	24.4	0.7	1.8	4	2.0	22.9	0.8	1.6	7	1.4	22.1	0.6	3.2	6

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

-2 Year Averages Continued On Page 16.

TABLE 2L. INGHAM, KENT & SAGINAW COUNTY GRAIN TRIALS - LATE (102 - 110 Day) ZONE 2

2009				LATE - TRIAL AVERAGE					% QUALITY			INGHAM - LATE					SAGINAW - LATE					KENT - LATE				
BRAND / HYBRID	RM	TRT	TRAIT	%H2O	BU/A	Twt	%SL	%Std	Prot	Oil	Strch	%H2O	BU/A	Twt	%SL	%Std	%H2O	BU/A	Twt	%SL	%Std	%H2O	BU/A	Twt	%SL	%Std
AGRIGOLD A6309VT3	103	P250	1,2,3	29.4	219.6 *	51.3	1.4	100	7.0	4.3	60.8	32.8	229.8 *	50.0	0.3	100	28.7	184.5	51.8	1.3	99	26.8	244.5 *	52.1	2.7	100
AGRIGOLD A6320VT3	103	P250	1,2,3	28.1	195.3	51.7	2.0	98	6.1	4.1	61.6	28.7	190.9	50.7	0.3	98	29.8	172.1	51.6	0.6	97	25.7	223.0	52.7	5.2	99
AGRIGOLD A6325VT3	104	P250	1,2,3	30.6	203.7	51.1	2.3	99	7.2	3.7	60.8	31.3	209.2 *	50.3	0.0	99	32.1	174.7	51.2	2.5	100	28.5	227.1	51.8	4.4	99
CHANNEL 207-07VT3 Brand	107	P250	1,2,3	33.4	192.0	50.6	0.9	97	7.2	3.7	61.6	33.8	199.0	49.8	0.0	98	34.8	164.0	50.8	1.9	97	31.6	213.1	51.2	0.7	98
CROPLAN 5338VT3	103	C250	1,2,3	29.5	215.9 *	51.3	1.3	98	6.8	4.2	61.3	31.5	231.0 **	50.3	0.3	100	29.6	176.9	51.6	1.6	96	27.3	239.8 *	52.1	1.9	99
DAIRYLAND STEALTH-9006	106	P250	1,2,3	30.3	214.6 *	51.2	1.1	99	7.0	3.6	61.0	32.1	205.1	50.2	1.0	99	29.6	198.5 *	51.6	1.9	99	29.3	240.1 *	51.7	0.3	100
DAIRYLAND STEALTH-9206Q	106	C250	1,2,3,4	29.6	196.3	51.2	0.6	98	7.5	4.0	60.7	31.2	207.9	50.2	0.0	99	30.6	173.2	51.4	1.6	97	27.1	207.9	52.0	0.3	97
DAIRYLAND STEALTH-9208Q	108	C250	1,2,3,4	30.5	193.9	51.1	1.0	97	7.0	3.5	62.1	33.4	195.4	49.9	0.3	99	31.8	175.0	51.3	0.3	97	26.4	211.3	52.1	2.3	96
DEKALB DKC52-59 (VT3)	102	P250	1,2,3	24.9	212.8	52.4	1.0	96	7.0	4.0	60.1	26.0	223.2 *	51.4	0.3	100	24.9	186.6 *	52.8	1.4	91	23.9	228.6	52.9	1.3	98
DEKALB DKC54-16 (VT3)	104	P250	1,2,3	27.7	211.8	51.6	1.2	99	6.8	4.2	60.2	27.9	206.4	50.8	0.3	100	29.1	191.7 *	51.9	1.3	97	26.1	237.3 *	52.2	2.1	100
DEKALB DKC55-07 (VT3)	105	P250	1,2,3	28.4	220.9 *	51.6	1.0	98	7.6	3.9	60.4	29.1	224.2 *	50.7	0.3	97	28.2	208.6 *	52.0	1.2	100	27.8	229.8 *	52.0	1.5	98
DYNAGRO CX09104	104	P250	1,2,3	29.3	212.8	51.4	0.7	98	6.5	4.1	61.4	30.4	212.0 *	50.5	0.0	99	29.0	191.3 *	51.8	0.0	97	28.4	235.2 *	51.8	2.0	97
DYNAGRO V4393VT3	103	P250	1,2,3	26.5	200.5	51.9	1.2	99	6.7	3.7	60.3	27.0	201.2	51.1	0.0	99	28.1	160.7	51.9	1.2	99	24.4	239.5 *	52.8	2.5	100
G2 GENETICS 1H-005 HX/LL	105	C250	2,4	28.8	209.0	51.3	0.6	96	5.6	3.6	63.4	31.3	202.4	50.1	0.0	95	28.2	184.9	51.7	0.7	98	26.8	239.7 *	52.0	1.0	96
G2 GENETICS 1H-005A HX/LL	105	C250	2,4	29.1	203.0	51.2	0.4	95	6.7	3.5	62.0	31.7	202.5	50.1	0.3	94	29.8	172.9	51.5	0.4	92	25.9	233.7 *	52.1	0.6	98
G2 GENETICS 5H-905 RR/HX	105	C250	1,2,4	29.6	211.5	51.1	0.3	95	7.7	3.9	59.7	31.9	207.7	50.1	0.0	95	28.3	196.3 *	51.7	0.3	95	28.6	230.6 *	51.6	0.7	95
G2 GENETICS 5H-506 RR/HX	106	C250	1,2,4	30.9	210.5	50.9	0.4	98	6.8	3.7	61.8	32.7	215.1 *	50.0	0.0	97	30.8	189.3 *	51.2	0.6	98	29.2	227.1	51.6	0.6	98
G2 GENETICS 5H-007 RR/HX	107	C250	1,2,4	30.4	211.4	51.0	0.5	89	6.5	3.9	62.1	32.3	221.7 *	50.1	0.0	91	29.5	188.3 *	51.5	0.7	88	29.4	224.3	51.5	0.7	90
G2 GENETICS 5H-007A RR/HX	107	C250	1,2,4	30.3	200.0	51.1	0.9	87	6.2	4.1	61.6	31.3	216.9 *	50.3	0.0	86	30.9	164.8	51.3	1.1	89	28.6	218.3	51.7	1.6	87
G2 GENETICS 5X-707 RR/HXT	107	C250	1,2,3,4	33.9	202.0	50.5	0.0	96	7.5	3.6	60.4	36.0	212.4 *	49.5	0.0	93	34.6	171.5	50.9	0.0	96	31.1	222.2	51.2	0.0	99
GREAT LAKES 5306G3VT3	103	P250	1,2,3	29.9	209.7	51.2	0.6	99	6.4	4.3	60.7	30.8	204.3	50.4	0.0	99	30.6	176.2	51.5	0.0	99	28.3	248.7 **	51.8	1.9	97
GREAT LAKES 5416G3VT3	104	P250	1,2,3	31.1	209.6	51.0	1.5	99	7.6	3.7	60.6	31.4	215.6 *	50.3	0.0	98	31.9	186.3 *	51.2	2.6	98	30.1	226.8	51.5	1.8	99
LEGACY SEEDS L-4258VT3	102	P250	1,2,3	27.4	197.2	51.7	0.7	98	7.0	4.1	60.1	27.1	187.3	51.1	0.3	100	28.8	176.9	51.7	0.3	99	26.3	227.3	52.3	1.6	96
LEGACY SEEDS L-4938VT3	105	P250	1,2,3	27.5	209.4	51.8	0.6	98	6.3	4.1	62.1	28.8	212.8 *	50.8	0.0	100	28.2	188.4 *	52.0	0.0	94	25.5	227.1	52.5	1.8	100
M&W SEEDS 45H89	105	P250	2,4	29.0	199.7	51.3	1.6	99	6.7	3.5	62.1	29.5	202.3	50.5	1.0	100	31.0	169.1	51.3	1.2	100	26.6	227.7	52.0	2.5	98
MYCOGEN 2Y547	103	C250	1,2,3	26.5	216.8 *	52.0	0.4	99	6.7	4.0	61.3	28.1	224.4 *	51.0	0.6	99	26.8	186.3 *	52.2	0.0	99	24.6	239.8 *	52.7	0.6	100
NK Brand N48S	103	C250	2,3,4	26.7	205.1	51.9	0.8	95	6.2	4.3	60.6	28.4	208.6	50.8	0.0	95	26.9	171.5	52.1	0.3	97	24.8	235.2 *	52.9	2.0	94
NK Brand N52A	104	C250	2,3,4	28.2	207.2	51.4	1.1	97	6.7	4.5	60.2	30.2	217.7 *	50.3	0.3	97	27.5	166.5	51.9	2.7	96	26.8	237.3 *	52.0	0.3	99
NK Brand N53W	104	C250	1	26.0	225.3 **	52.1	0.6	90	6.1	3.9	61.6	27.2	220.4 *	51.0	0.0	90	27.0	209.2 **	52.3	0.0	90	23.9	246.2 *	53.0	1.8	91
NuTech 3T-603 VT3	103	C250	1,2,3	28.9	201.7	51.6	1.0	96	6.8	4.2	61.0	30.6	215.6 *	50.5	0.7	97	30.5	170.9	51.6	0.0	97	25.5	218.7	52.6	2.3	95
NuTech 2A-804 CL	104	C250	5	26.4	219.2 *	52.0	1.0	96	6.4	3.9	61.3	28.3	211.9	50.8	0.0	97	27.1	197.7 *	52.1	0.3	93	23.8	248.1 *	53.0	2.6	98
NuTech 3T-904 VT3	104	P250	1,2,3	28.5	214.7 *	51.6	0.6	96	6.8	4.1	60.4	31.8	215.0 *	50.2	0.4	95	27.9	192.1 *	52.0	0.3	95	25.7	236.9 *	52.5	1.2	99
NuTech 5B-804 GT/CB/LL	104	C250	1,2,4	26.3	201.5	51.8	1.7	97	6.6	4.2	60.9	28.3	212.8 *	50.8	0.0	99	26.3	165.4	51.9	0.3	99	24.4	226.4	52.8	4.7	95
NuTech 3T-106 VT3	106	P250	1,2,3	30.5	206.5	51.1	1.3	98	7.6	4.0	59.6	31.6	212.3 *	50.3	0.0	97	30.9	179.5	51.5	1.3	98	29.0	227.7	51.6	2.7	100
NuTech 3T-706 VT3	106	P250	1,2,3	28.8	212.3	51.5	0.4	97	6.6	3.7	61.1	31.8	205.4	50.2	0.3	95	28.5	190.6 *	51.8	0.6	99	26.2	241.0 *	52.5	0.3	97
PIONEER 36V53	102	P250	1,2,4	26.4	214.3 *	51.9	0.4	99	7.4	3.8	60.5	27.8	230.5 *	50.9	0.0	100	27.3	178.6	52.0	0.0	98	24.0	233.8 *	52.9	1.2	100
PIONEER 35F40	105	P250	1,2,4,11,12,14	29.0	217.7 *	51.4	0.7	99	6.8	3.8	61.1	30.1	221.7 *	50.5	0.6	100	30.5	183.6	51.5	1.0	97	26.5	247.8 *	52.1	0.6	100
PIONEER 35K04	106	P250	1,2,3,4,11,12	28.9	195.5	51.4	1.7	98	6.8	4.4	61.3	31.8	198.4	50.2	1.0	98	28.6	172.9	51.7	2.1	98	26.3	215.1	52.2	1.9	98
RENK RK686VT3	103	P250	1,2,3	26.5	212.7	51.9	0.5	97	6.7	3.9	61.4	27.6	213.9 *	51.0	0.3	99	26.4	188.3 *	52.3	0.0	94	25.5	236.0 *	52.5	1.2	98
RENK RK698VT3	103	P250	1,2,3	25.9	217.7 *	52.1	1.0	99	6.5	3.9	61.5	28.0	208.2	50.9	1.6	100	25.2	202.3 *	52.6	0.6	98	24.4	242.5 *	52.8	0.9	99
RENK RK711RRHXTRA	107	P250	1,2,3,4	29.4	194.9	51.3	1.4	97	7.2	3.8	61.4	32.2	200.0	50.1	0.0	98	29.5	178.2	51.6	1.6	96	26.4	206.6	52.1	2.5	97
RENK RK744VT3	107	P250	1,2	29.2	211.0	51.4	1.0	99	6.9	3.9	61.1	30.5	217.1 *	50.4	0.0	98	29.1	183.6	51.8	1.0	98	28.0	232.3 *	51.9	2.1	100
RENK RK760VT3	106	P250	1,2,3	28.4	206.4	51.5	1.0	96	8.2	4.4	59.1	30.4	205.7	50.5	0.0	92	28.6	183.3	51.7	0.9	98	26.3	230.2 *	52.3	2.2	98
RUPP 8XP52A	103	P250	1,2,3	25.9	213.4 *	52.2	2.3	100	7.2	4.1	59.4	27.5	213.9 *	51.1	0.3	100	25.6	195.2 *	52.6	0.6	99	24.7	231.2 *	52.9	6.1	100
RUPP XR8534	104	P250	1	26.3	217.7 *	52.0	1.9	98	6.3	4.1	61.5	27.6	220.1 *	51.0	0.7	99	25.9	205.0 *	52.3	0.0	98	25.4	228.0	52.8	5.1	97

STEWART SEEDS 6T538	106	P250	1,2,3	29.6	192.2	51.2	0.7	99	6.5	3.9	61.1	29.9	197.2	50.6	0.0	99	30.9	156.2	51.2	1.0	99	27.9	223.2	51.9	1.2	100
STEWART SEEDS 6T725	107	P250	1,2,3	28.5	201.8	51.4	0.7	99	6.2	4.3	61.7	31.7	203.8	50.3	0.7	99	28.4	175.9	51.6	0.6	99	25.4	225.8	52.4	0.9	100
TRELAY 5T128	101	P250	1,2,3	26.2	211.8	52.1	0.7	98	7.0	4.3	60.0	25.1	212.3 *	51.6	0.0	99	26.7	186.1 *	52.7	0.6	97	26.9	237.0 *	52.1	1.6	97
UNITY SEEDS 4502VT3	102	P250	1,2,3	29.5	197.4	51.3	1.1	97	7.8	4.0	59.0	30.2	195.7	50.5	1.1	96	29.4	171.8	51.6	1.3	96	28.9	224.8	51.7	0.9	99
WELLMAN W2002VT3	102		1,2,3	29.3	195.1	51.2	0.6	98	7.4	4.0	59.8	30.2	199.5	50.5	1.0	99	29.1	161.2	51.5	0.9	98	28.6	224.6	51.7	0.0	97
WELLMAN W2004VT3	104		1,2,3	29.5	206.4	51.1	1.2	96	8.3	4.1	58.5	31.5	206.2	50.1	0.0	94	29.5	181.4	51.5	2.0	97	27.4	231.7 *	51.8	1.6	98
WELLMAN W2007VT3	107		1,2,3	30.2	202.7	51.1	0.7	93	7.7	3.7	60.6	31.7	212.0 *	50.2	0.0	91	30.9	168.0	51.2	1.1	92	27.9	228.2	52.0	0.9	97
WELLMAN W2008VT3	108		1,2,3	29.6	201.0	51.2	1.2	97	7.4	4.1	59.2	30.3	200.1	50.5	1.0	96	30.3	176.9	51.4	0.7	96	28.3	225.9	51.7	1.9	99
WELLMAN W2010VT3	110		1,2,3	32.1	213.0	50.6	1.8	99	6.9	3.6	60.3	33.4	230.1 *	49.8	0.0	100	33.3	175.9	50.7	2.8	97	29.6	233.0 *	51.4	2.5	99
WELLMAN W2706	106			27.1	219.8 *	51.9	1.2	99	6.6	4.0	60.8	29.5	218.5 *	50.6	0.0	98	25.8	202.3 *	52.3	0.0	99	26.1	238.7 *	52.8	3.5	100
WELLMAN W2810VT3	110		1,2,3	33.5	200.8	50.6	0.5	99	8.1	3.4	60.2	32.8	212.5 *	50.0	0.3	99	35.0	162.7	50.9	0.3	99	32.7	227.2	51.0	0.9	100
WELLMAN W2902VT3	102		1,2,3	25.6	206.4	52.2	2.2	98	6.6	4.2	60.3	26.2	202.9	51.3	1.3	96	25.9	196.9 *	52.3	2.5	99	24.8	219.5	53.0	2.8	99
LEGACY SEEDS L-5350GTCBLL	104	C250	1,2,4	27.5	204.7	51.9	1.9	98	5.9	4.0	61.9	28.6	213.3 *	50.9	0.7	99	29.1	179.7	51.8	0.3	97	24.7	221.1	52.9	4.7	97
WELLMAN W2108VT3	108		1,2,3	31.3	215.7 *	51.0	0.2	95	7.6	4.0	60.9	32.8	225.3 *	50.1	0.0	95	32.1	189.5 *	51.3	0.4	94	28.9	232.2 *	51.7	0.3	97
AVERAGE				28.8	207.5	51.4	1.0	97	6.9	3.9	60.8	30.2	210.8	50.5	0.3	97	29.2	181.5	51.7	0.9	97	26.9	230.2	52.1	1.8	98
HIGHEST				33.9	225.3	52.4	2.3	100	8.3	4.5	63.4	36.0	231.0	51.6	1.6	100	35.0	209.2	52.8	2.8	100	32.7	248.7	53.0	6.1	100
LOWEST				24.9	192.0	50.5	0.0	87	5.6	3.4	58.5	25.1	187.3	49.5	0.0	86	24.9	156.2	50.7	0.0	88	23.8	206.6	51.0	0.0	87
CV (%)				6.3	7.5	0.7	156.4	4	8.3	7.6	1.2	6.1	7.5	0.7	232.5	3	7.2	9.1	0.7	150.0	4	5.2	6.2	0.8	124.2	3
LSD (5%)				1.5	12.5	0.3	1.3	3	0.8	0.4	1.0	2.6	22.1	0.5	1.0	4	2.9	23.1	0.5	1.9	6	2.0	19.9	0.6	3.2	5

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

-2 Year Averages Continued On Page 17.

TABLE 2E - Continued from page 13.

INGHAM, KENT & SAGINAW COUNTY GRAIN TRIALS - EARLY (84 - 101 Day)

ZONE 2

2 Year Averages 2009 - 2008				EARLY - TRIAL AVERAGE					% QUALITY			INGHAM - EARLY					SAGINAW - EARLY					KENT - EARLY				
BRAND / HYBRID	RM	TRT	TRAIT	%H2O	BU/A	Twt	%SL	%Std	Prot	Oil	Strch	%H2O	BU/A	Twt	%SL	%Std	%H2O	BU/A	Twt	%SL	%Std	%H2O	BU/A	Twt	%SL	%Std
AGRIGOLD A6225VT3	98	P250	1,2,3	22.2	206.1	53.1	0.4	98	8.2	4.7	58.4	20.0	192.5	52.5	0.0	100	24.4	199.8	52.8	0.5	96	22.4	225.9	54.0	0.7	97
AGRIGOLD A6279VT3	101	P250	1,2,3	24.4	203.9	53.4	1.2	98	7.7	4.2	59.6	22.4	191.3	54.0	0.5	98	27.6	201.8	51.8	2.3	98	23.2	218.7	54.5	0.9	98
BAYSIDE 5100RR	100	P250	1	23.2	218.9 *	52.5	0.6	98	7.3	4.2	59.7	21.1	199.6 *	52.6	0.5	99	25.4	214.8 *	51.8	0.2	98	23.2	242.3 *	53.1	1.1	98
BAYSIDE 6094YGCBRR	94	P250	1,2	20.2	202.2	53.6	0.5	94	8.2	4.4	58.7	18.7	187.6	53.1	0.3	94	21.8	200.2	53.3	0.5	93	20.1	218.9	54.4	0.7	95
DAIRYLAND STEALTH-9196	96	P250	1,2,3	20.3	201.9	54.1	0.5	98	7.4	4.4	59.7	18.7	186.3	53.8	0.3	100	21.5	197.2	53.9	0.0	98	20.6	222.2	54.6	1.3	97
DAIRYLAND STEALTH-9799	99	P250	1,2,3	21.9	211.5 *	53.3	0.7	99	8.2	4.5	58.6	20.1	196.5 *	52.6	0.0	100	24.0	213.8 *	52.9	0.0	98	21.7	224.4	54.4	2.2	98
DEKALB DKC45-79 (VT3)	95	P250	1,2,3	20.8	203.8	53.9	0.7	98	7.4	4.2	59.0	19.5	186.4	53.1	0.3	98	22.2	197.9	53.5	0.3	98	20.7	227.1	55.0	1.4	99
DEKALB DKC46-60 (VT3)	96	P250	1,2,3	20.7	201.5	53.9	1.6	98	7.9	4.4	58.6	19.4	191.4	53.3	0.3	100	22.6	190.9	53.4	0.2	97	20.1	222.2	55.1	4.3	99
DEKALB DKC50-44 (VT3)	100	P250	1,2,3	22.3	213.5 *	53.2	1.0	98	7.1	3.7	59.9	20.9	199.8 *	52.8	0.5	99	24.0	203.3	52.8	1.2	96	22.0	237.3 *	54.1	1.3	98
DYNAGRO 54V78	96	P250	1,2,3,14	20.1	204.1	53.6	1.3	98	8.1	4.4	58.9	18.5	196.0 *	53.3	1.4	100	21.7	200.8	53.2	0.6	99	20.0	215.6	54.4	1.8	96
DYNAGRO V3883VT3	98	P250	1,2,3	22.4	203.1	53.3	0.8	95	8.4	4.2	58.9	20.6	195.5 *	52.8	0.3	97	24.4	193.0	52.8	0.7	95	22.4	220.7 *	54.2	1.3	93
G2 GENETICS 5H-501 RR.HX	101	C250	1,2,4	23.8	215.3 *	52.5	0.8	93	7.5	3.6	60.6	22.0	207.0 *	53.2	0.3	94	25.6	219.4 **	51.8	0.0	93	23.7	219.4	52.4	1.9	91
G2 GENETICS 5H-702 RR/HX	101	C250	1,2,4	23.8	221.3 **	53.0	1.0	97	7.8	3.6	60.0	21.7	208.7 *	53.2	1.4	98	26.2	212.1 *	52.3	0.8	97	23.5	243.0 **	53.5	0.8	95
GREAT LAKES 4689G3VT3	96	P250	1,2,3	22.0	205.9	53.3	0.7	97	8.4	4.4	58.6	20.1	188.1	52.9	0.0	98	23.8	206.8 *	52.8	0.4	98	22.2	222.7	54.0	1.7	96
GREAT LAKES 4951G3VT3	99	P250	1,2,3	22.5	213.3 *	53.4	1.4	96	7.6	4.4	59.5	21.7	208.2 *	53.6	0.7	96	23.8	209.0 *	52.6	1.5	96	22.1	222.8	54.2	1.9	96
HYLAND SEEDS HLB49R	101	P250	1,2,4	23.2	202.6	52.6	0.8	100	8.0	3.9	59.1	20.7	192.7	52.7	0.7	99	26.2	190.9	51.6	0.8	100	22.8	224.2	53.5	0.9	100
HYLAND SEEDS HLCVR72	99	P250	1,2,3	21.9	207.5	53.9	0.9	97	7.9	4.3	58.9	20.9	204.2 *	53.9	0.3	97	23.3	194.1	53.1	0.3	95	21.6	224.3	54.7	2.0	97
HYLAND SEEDS HLCVR74	101	P250	1,2,3	23.9	205.3	51.8	0.5	100	8.6	4.4	58.2	20.7	183.8	52.0	0.3	100	26.5	202.7	51.3	0.3	100	24.6	229.5 *	52.2	0.9	100
LEGACY SEEDS L-3750VT3	97	P250	1,2,3	21.7	203.8	54.0	1.2	95	7.7	4.3	59.6	20.8	200.4 *	53.4	0.8	97	22.8	196.7	53.7	0.8	95	21.5	214.5	54.9	2.1	93
NuTech 3T-302 VT3	101	C250	1,2,3	24.7	211.2 *	52.8	1.0	97	8.9	4.4	58.4	23.6	207.3 *	53.0	1.3	99	25.2	205.8	52.3	0.3	93	25.4	220.6	53.0	1.3	98
PIONEER 37Y14	99	P250	1,2,3,4,11,12	21.3	202.4	53.8	1.1	98	8.0	4.0	59.8	20.0	199.7 *	54.1	0.2	96	22.3	194.4	53.3	0.0	98	21.8	213.0	54.1	3.2	100
RENK RK670VT3	102	P250	1,2,3	24.1	212.5 *	52.2	1.0	99	7.7	4.2	59.5	21.7	201.2 *	52.6	1.9	100	26.8	202.2	51.2	0.5	99	23.8	234.2 *	52.7	0.8	100
RUPP XR8002	94	C250	1,2,3	19.5	203.7	53.6	0.6	97	8.2	4.3	58.3	18.5	187.9	52.9	0.5	99	20.3	201.2	53.7	0.5	95	19.7	222.0	54.4	0.8	96
RUPP XR8752	96	C250	1,2,3	21.9	205.2	53.8	1.4	97	7.7	4.1	60.3	20.6	181.4	52.9	0.5	96	23.4	208.3 *	53.5	2.5	95	21.7	226.1	54.9	1.3	98
STEWART SEEDS 4T435	93	P250	1,2,3	19.7	198.1	54.5	0.9	98	7.6	4.1	59.9	19.4	185.6	54.1	0.6	99	20.2	199.8	54.4	0.5	99	19.5	209.0	55.1	1.7	97
STEWART SEEDS 5T429	101	P250	1,2,3	23.1	212.4 *	53.1	1.1	95	7.5	4.2	59.8	21.1	211.1 **	53.2	0.6	98	25.8	198.3	51.8	0.7	95	22.3	227.7	54.2	2.0	92
AVERAGE				22.1	207.3	53.3	0.9	97	7.9	4.2	59.2	20.5	195.8	53.1	0.6	98	23.9	202.1	52.7	0.6	97	22.0	224.2	54.1	1.5	97
HIGHEST				24.7	221.3	54.5	1.6	100	8.9	4.7	60.6	23.6	211.1	54.1	1.9	100	27.6	219.4	54.4	2.5	100	25.4	243.0	55.1	4.3	100
LOWEST				19.5	198.1	51.8	0.4	93	7.1	3.6	58.2	18.5	181.4	52.0	0.0	94	20.2	190.9	51.2	0.0	93	19.5	209.0	52.2	0.7	91
CV (%)				5.3	7.0	1.3	113.4	4.6	6.9	6.7	1.7	6.5	8.2	1.5	217.2	2.7	4.8	7.0	1.1	192.7	5.0	4.4	6.4	1.4	87.5	4.0
LSD (5%)				1.4	12.2	0.7	1.9	4.3	0.5	0.3	1.0	1.4	16.6	0.8	1.4	2.6	1.1	13.3	0.6	1.2	4.7	1.0	14.0	0.7	1.8	3.8

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

TABLE 2L - Continued from page 15. INGHAM, KENT & SAGINAW COUNTY GRAIN TRIALS - LATE (102 - 110 Day) ZONE 2

2 Year Averages 2009 - 2008				LATE - TRIAL AVERAGE					% QUALITY			INGHAM - LATE					SAGINAW - LATE					KENT+ - LATE				
BRAND / HYBRID	RM	TRT	TRAIT	%H2O	BU/A	Twt	%SL	%Std	Prot	Oil	Strch	%H2O	BU/A	Twt	%SL	%Std	%H2O	BU/A	Twt	%SL	%Std	%H2O	BU/A	Twt	%SL	%Std
AGRIGOLD A6325VT3	104	P250	1,2,3	26.1	206.3 *	52.1	1.6	99				23.7	186.3	52.1	0.5	99	29.6	196.3 *	51.2	1.6	100	25.0	236.2 *	52.9	2.7	98
CROPLAN 5338VT3	103	C250	1,2,3	25.7	213.5 *	52.2	0.7	99				24.1	195.2 *	52.2	0.3	100	28.4	197.9 *	51.2	0.8	98	24.7	247.6 **	53.3	1.0	98
DEKALB DKC52-59 (VT3)	102	P250	1,2,3	22.7	209.9 *	52.5	0.6	98				21.1	197.6 *	51.9	0.2	99	25.1	200.7 *	52.1	0.7	95	21.8	231.2	53.5	1.0	99
DEKALB DKC54-16 (VT3)	104	P250	1,2,3	24.3	207.9 *	52.3	0.9	99				22.4	182.5	52.5	0.3	99	27.7	199.1 *	51.3	0.7	98	22.8	242.0 *	53.2	1.7	100
DYNAGRO V4393VT3	103	P250	1,2,3	23.6	199.0 *	52.9	0.8	99				21.9	182.3	52.9	0.0	97	27.2	185.2	51.8	0.8	100	21.9	229.5	54.2	1.6	99
G2 GENETICS 1H-005 HX/LL	105	C250	2,4									25.7	189.3 *	50.7	0.3	95	29.8	206.1 **	50.4	0.5	98					
G2 GENETICS 1H-005A HX/LL	105	C250	2,4									25.0	190.6 *	50.8	0.3	94	31.1	198.3 *	50.1	0.2	96					
G2 GENETICS 5H-506 RR/HX	106	C250	1,2,4	27.8	211.3 *	51.7	0.3	97				25.7	200.3 *	52.2	0.3	96	30.9	201.4 *	50.8	0.3	98	26.8	232.3	52.0	0.3	98
GREAT LAKES 5306G3VT3	103	P250	1,2,3	26.8	210.0 *	52.0	1.1	97				24.4	187.3 *	53.0	0.0	98	28.5	185.8	51.4	0.0	97	25.5	239.7 *	53.2	1.0	97
GREAT LAKES 5416G3VT3	104	P250	1,2,3	26.8	210.0 *	52.0	1.1	97				24.4	192.9 *	52.0	1.0	98	30.0	203.6 *	50.9	1.3	97	25.8	233.4 *	53.0	0.9	96
PIONEER 35F40	105	P250	1,2,4,11,12,14	26.5	214.1 **	52.5	0.6	99				23.5	191.1 *	53.1	0.6	100	30.1	204.3 *	51.4	1.0	98	25.9	247.0 *	53.2	0.3	99
PIONEER 36V53	102	P250	1,2,4	24.3	211.5 *	52.1	0.3	99				23.1	206.4 **	52.4	0.0	100	27.2	192.8 *	51.0	0.0	99	22.5	235.3 *	53.1	0.8	100
RENK RK686VT3	103	P250	1,2,3	24.8	206.7 *	52.8	0.3	98				22.7	190.2 *	53.4	0.3	98	27.3	200.9 *	52.0	0.0	97	24.6	229.1	53.1	0.6	98
AVERAGE				25.4	209.1	52.3	0.8	98				23.7	191.7	52.2	0.3	98	28.7	197.9	51.2	0.6	98	24.3	236.7	53.1	1.1	98
HIGHEST				27.8	214.1	52.9	1.6	99				25.7	206.4	53.4	1.0	100	31.1	206.1	52.1	1.6	100	26.8	247.6	54.2	2.7	100
LOWEST				22.7	199.0	51.7	0.3	97				21.1	182.3	50.7	0.0	94	25.1	185.2	50.1	0.0	95	21.8	229.1	52.0	0.3	96
CV (%)				6.2	8.0	1.6	195.9	3.3				6.6	9.5	2.0	570.4	3.0	6.0	7.3	1.1	139.4	3.7	5.7	6.5	1.9	103.4	3.4
LSD (5%)				1.7	16.2	0.8	1.7	3.2				1.8	19.1	1.0	1.9	2.9	1.7	13.4	0.6	1.1	3.5	1.5	14.8	1.0	1.6	3.3

+ In 2008 Kent County Plot mistakenly sprayed with Round up, non RR hybrids were destroyed and have no data to report.

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

TABLE 3E. HURON, MASON & MONTCALM COUNTY GRAIN TRIALS - EARLY (86 - 97 Day) ZONE 3

2009				EARLY - TRIAL AVERAGE					% QUALITY			HURON - EARLY					MASON - EARLY					MONTCALM - EARLY				
BRAND / HYBRID	RM	TRT	TRAIT	%H2O	BU/A	Twt	%SL	%Std	Prot	Oil	Strch	%H2O	BU/A	Twt	%SL	%Std	%H2O	BU/A	Twt	%SL	%Std	%H2O	BU/A	Twt	%SL	%Std
BAYSIDE 6094YGCBRR	94	P250	1,2	25.9	153.8	52.2	3.2	87	9.1	5.1	70.0	25.6	170.4	52.6	7.0	91	28.2	182.6	51.7	0.4	92	23.9	108.3	52.2	2.1	77
BAYSIDE 6096	96	P250		29.1	162.8	51.4	1.4	93	8.7	4.0	70.9	27.0	193.7 *	52.2	1.7	91	33.7	174.3	50.9	0.8	95	26.6	120.5	51.0	1.8	92
CHANNEL 193-45R Brand	93	P250	1	26.3	172.6	52.0	1.3	88	8.9	4.8	69.3	25.8	198.4 *	52.1	0.0	91	27.3	167.8	51.8	0.4	82	25.7	151.6 *	52.0	3.5	92
CHANNEL 195-46VT3 Brand	95	P250	1,2,3	26.1	162.7	52.1	1.7	99	8.7	4.8	70.5	26.4	184.7	52.0	1.9	98	27.5	188.1	51.8	0.0	99	24.5	115.4	52.5	3.2	99
CHANNEL 197-14VT3 Brand	97	P250	1,2,3	29.6	175.4	51.2	1.6	96	9.3	5.0	69.0	30.0	191.8 *	51.2	2.0	94	32.0	189.4	51.0	1.2	95	26.8	145.0	51.5	1.6	100
CROPLAN 3424VT3	94	C250	1,2,3	26.8	172.8	52.0	2.2	97	8.9	4.6	70.1	26.8	187.9 *	51.9	1.9	94	28.0	185.6	51.7	2.3	99	25.5	144.8	52.3	2.3	98
DAIRYLAND STEALTH-9286	86	P250	1,2,3	24.4	167.4	52.6	1.3	99	8.3	4.5	70.1	23.4	195.5 *	52.9	0.6	98	25.2	181.4	52.3	1.3	100	24.7	125.4	52.7	1.9	99
DAIRYLAND STEALTH-7891	91	P250	1,2,4	24.4	160.4	52.8	3.8	94	9.0	5.0	69.3	22.7	168.1	53.4	3.2	95	26.7	186.1	52.1	0.4	97	23.8	127.1	53.0	7.9	91
DAIRYLAND STEALTH-6992	92	P250	1	25.1	185.7 *	52.5	0.8	99	8.5	4.9	70.3	23.4	192.3 *	52.9	0.0	96	26.6	198.1 *	52.0	0.3	99	25.3	166.6 **	52.5	2.2	100
DAIRYLAND STEALTH-9196	96	P250	1,2,3	27.6	162.3	51.9	1.9	98	9.0	5.4	69.4	25.9	171.9	52.2	3.1	97	29.3	183.0	51.5	1.0	99	27.7	132.1	51.9	1.6	98
DAIRYLAND STEALTH-9597Q	97	C250	1,2,3,4	28.8	168.7	51.5	2.7	98	8.9	3.4	72.2	28.8	172.7	51.5	5.0	96	33.1	190.1	50.8	0.0	99	24.6	143.2	52.3	3.2	98
DEKALB DKC42-72 (VT3)	92	P250	1,2,3	25.5	169.6	52.3	1.5	98	9.2	4.8	68.9	24.8	182.5	52.4	1.9	98	26.2	191.1	52.1	0.3	100	25.4	135.3	52.5	2.3	97
DEKALB DKC45-79 (VT3)	95	P250	1,2,3	26.3	162.7	51.9	2.5	97	8.0	5.0	70.3	26.2	177.1	52.1	2.8	91	28.4	182.2	51.7	1.4	99	24.3	128.8	51.9	3.2	100
DEKALB DKC46-60 (VT3)	96	P250	1,2,3	26.0	164.2	52.0	0.7	98	7.9	4.8	70.7	25.7	175.4	52.1	0.0	97	28.0	182.0	51.8	1.0	99	24.3	135.2	52.2	1.0	99
DYNAGRO 54V78	96	P250	1,2,3,14	25.2	181.5 *	52.4	2.4	97	8.9	5.5	68.7	24.3	193.1 *	52.7	6.3	95	26.4	196.0	52.1	0.0	99	24.8	155.5 *	52.3	1.0	97
DYNAGRO CX09892	92	P250	1,2	24.6	178.2 *	52.6	1.2	98	8.4	4.9	70.8	23.9	187.8 *	52.7	0.0	94	26.3	202.9 *	52.0	0.7	100	23.6	143.8	53.2	2.9	99
G2 GENETICS 1X-795 HXT/LL	95	C250	2,3,4	31.2	141.4	51.1	5.1	84	8.5	4.3	72.3	26.0	171.6	52.1	5.0	90	35.5	168.8	50.6	0.0	89	32.0	83.7	50.6	10.3	72
G2 GENETICS 5H-999B RR/HX	97	C250	1,2,4	28.3	178.8 *	51.5	1.1	94	8.9	4.1	69.6	29.1	197.2 *	51.4	1.7	87	30.8	208.8 *	51.1	0.7	99	25.0	130.4	52.0	1.0	95
G2 GENETICS 5H-199 RR/HX	97	C250	1,2,4	28.2	188.4 **	51.7	1.1	92	9.5	4.6	70.3	28.4	204.3 *	51.6	1.4	89	31.3	211.3 **	51.1	0.3	97	24.9	149.5 *	52.4	1.5	91
G2 GENETICS 5H-797 RR/HX	97	C250	1,2,4	28.6	176.8	51.7	0.7	96	8.8	4.2	70.1	27.8	185.6	51.8	0.6	94	32.6	187.7	51.0	0.4	98	25.4	157.0 *	52.3	1.0	94
G2 GENETICS 5H-999 RR/HX	97	C250	1,2,4	28.4	179.2 *	51.5	2.0	96	8.6	4.0	70.3	28.4	194.2 *	51.5	4.1	89	30.5	203.4 *	51.2	0.0	98	26.3	140.0	51.9	1.9	99
GREAT LAKES 4481G3VT3	94	P250	1,2,3	26.0	169.7	52.3	2.1	94	8.4	4.3	70.3	26.8	178.2	52.1	2.4	85	27.4	192.3	51.8	1.7	98	23.8	138.6	53.1	2.2	99
GREAT LAKES 4689G3VT3	96	P250	1,2,3	30.9	159.2	51.0	0.9	96	9.4	5.0	70.0	29.6	175.4	51.0	0.3	92	32.9	178.9	51.0	0.4	99	30.2	123.3	51.1	1.9	98
HYLAND SEEDS H9204BRC	92	P250	1,2,3	26.2	173.3	52.1	0.9	96	8.0	4.9	71.2	25.9	189.5 *	52.1	0.3	94	25.8	183.9	52.2	1.4	96	26.9	146.4	51.9	1.0	99
HYLAND SEEDS H9205BRC	95	P250	1,2,3	26.0	165.4	52.1	1.9	96	8.9	4.5	70.5	24.3	168.9	52.5	2.0	92	25.4	188.5	52.1	0.7	99	28.2	138.9	51.6	3.0	97
HYLAND SEEDS HLCVR54	92	P250	1,2,3	25.5	169.5	52.3	1.9	96	9.7	5.4	68.6	25.0	189.8 *	52.2	3.5	93	27.9	196.2 *	51.7	0.3	99	23.7	122.6	53.0	2.0	96
HYLAND SEEDS HLCVR64	97	P250	1,2,3	27.6	167.0	52.0	1.0	97	9.5	4.6	69.7	26.8	168.6	52.0	0.7	93	31.3	189.4	51.2	0.3	100	24.7	143.1	52.9	1.9	100
LEGACY SEEDS L-3538VT3	95	P250	1,2,3	29.1	174.7	51.5	2.4	93	9.2	5.0	69.8	28.8	179.7	51.5	4.1	90	29.0	200.7 *	51.5	0.0	97	29.5	143.8	51.5	3.0	92
LEGACY SEEDS L-3750VT3	97	P250	1,2,3	26.8	156.7	52.0	3.6	93	7.6	4.6	72.4	26.4	169.5	52.3	6.3	89	28.4	180.5	51.7	0.4	95	25.6	120.2	52.1	4.0	95
M&W SEEDS 47G51	94	P250	1,2,3	25.5	167.9	52.2	2.3	94	10.4	5.4	67.5	23.6	187.4 *	52.7	4.5	94	28.0	192.3	51.8	0.4	94	25.0	124.1	52.0	2.0	95
NK Brand N29A	92	C250	1	27.8	172.2	51.8	1.3	98	8.8	5.0	69.6	23.7	189.5 *	52.7	2.2	94	31.8	186.6	51.1	0.4	99	28.0	140.5	51.7	1.3	100
NK Brand N34N	95	C250	2,3,4	26.5	175.2	52.1	1.3	94	8.8	5.1	69.6	24.7	187.0	52.4	2.0	90	30.3	186.3	51.3	0.7	97	24.5	152.4 *	52.5	1.3	94
NuTech 3T-393 VT3	93	C250	1,2,3	26.3	173.3	52.3	1.9	97	9.5	5.1	68.7	23.5	181.7	52.9	3.7	97	29.8	184.2	51.4	0.4	97	25.7	153.9 *	52.5	1.6	98
NuTech 3T-894 VT3	94	P250	1,2,3	25.0	168.2	52.3	1.1	96	8.3	4.9	70.0	26.3	185.8	52.1	1.0	92	24.2	187.7	52.6	1.7	100	24.4	131.0	52.1	0.7	97
NuTech 3T-295 VT3	95	P250	1,2,3	26.2	151.6	52.0	2.7	98	8.0	4.5	71.7	26.1	157.0	52.0	3.9	94	27.0	179.5	51.9	1.4	100	25.6	118.2	52.2	2.8	100
NuTech 3T-098 VT3	97	C250	1,2,3	29.9	159.8	51.4	1.6	97	8.9	4.9	70.0	30.3	175.1	51.2	1.6	96	33.7	181.7	50.8	0.7	96	25.7	122.6	52.2	2.5	100
NuTech 3T-098B VT3	97	C250	1,2,3	32.2	169.4	51.0	1.2	93	10.9	5.0	67.5	30.4	182.3	51.2	1.3	94	34.6	188.4	50.7	0.4	88	31.6	137.6	51.1	2.0	96
NuTech 3A-198 GT	97	P250	1	29.6	157.6	51.4	0.5	88	8.6	4.6	70.9	26.6	178.3	51.9	0.7	86	33.6	175.8	50.8	0.4	90	28.7	118.8	51.5	0.4	87
NuTech 5N-398 GT/CB/LL/RW	97	C250	11,2,3,4	30.4	167.2	51.4	1.2	95	9.4	5.1	69.4	28.4	177.8	51.6	2.2	95	34.4	180.4	50.8	0.0	97	28.3	143.5	51.7	1.4	94
PIONEER 38N88	92	P250	1,2,4,11,12	25.1	171.5	52.6	2.6	92	9.1	4.7	69.5	24.2	183.5	52.6	2.7	88	28.7	185.6	51.6	0.0	93	22.4	145.5	53.6	5.2	97
PIONEER 38M60	94	P250	1,2,3,4,11,14	24.3	164.2	52.7	2.6	98	8.5	4.3	70.1	24.7	174.4	52.5	4.0	97	25.7	175.4	52.2	0.0	97	22.6	142.8	53.5	3.8	99
PIONEER 38P43	95	P250	1,2,3,4,12	26.0	153.7	52.4	1.7	96	9.0	3.8	70.9	25.4	171.3	52.2	2.8	97	28.6	179.1	51.7	0.7	94	24.0	110.6	53.3	1.6	97
RENK RK434RRYGCB	92	P250	1,2	25.6	183.7 *	52.4	0.9	98	8.8	5.4	69.1	25.0	205.2 **	52.4	0.0	96	26.5	192.4	52.1	1.3	100	25.2	153.4 *	52.6	1.3	99
RENK RK501VT3	95	P250	1,2,3	28.5	173.9	51.5	2.6	94	9.6	5.5	68.4	29.4	185.7	51.4	4.1	91	29.3	189.8	51.4	0.7	98	26.7	146.3	51.7	3.1	94
RENK RK563CBLLRW	96	P250	2,3,4	28.4	150.2	51.8	3.5	94	8.2	4.0	72.0	27.7	155.0	51.7	8.3	94	33.6	182.4	50.9	0.0	91	23.8	113.1	52.7	2.3	97

RENK RK570VT3	95	P250	1,2,3	25.8	173.7	52.2	2.3	94	9.2	5.2	69.3	24.1	173.8	52.8	4.8	88	26.4	197.1 *	52.0	0.0	99	27.0	150.1 *	51.7	2.0	96
TRELAY 4RR455	95	P250	1	24.7	171.6	52.7	0.7	97	8.1	4.6	70.6	23.6	185.2	53.0	0.3	92	25.3	193.6	52.4	0.0	99	25.1	136.0	52.6	1.9	100
TRELAY 4VT741	96	P250	1,2,3	28.7	176.4	51.6	1.7	94	8.8	4.5	69.8	29.5	185.9	51.4	1.1	90	28.7	201.0 *	51.5	0.7	98	27.8	142.2	52.0	3.4	94
UNITY SEEDS 4490VT3	90	P250	1,2,3	24.9	162.9	52.7	1.4	98	8.6	4.6	69.8	23.9	169.9	52.9	1.0	95	26.6	182.4	52.1	0.7	98	24.1	136.5	53.1	2.5	100
UNITY SEEDS 4496VT3	96	P250	1,2,3	26.5	173.4	52.2	2.2	97	8.7	5.4	69.6	24.1	187.7 *	52.7	3.5	96	30.7	176.9	51.3	0.4	97	24.7	155.6 *	52.5	2.6	99
AVERAGE				27.0	168.4	52.0	1.8	95	8.8	4.7	70.0	26.2	181.9	52.1	2.5	93	29.2	187.4	51.5	0.6	97	25.8	135.8	52.2	2.4	96
HIGHEST				32.2	188.4	52.8	5.1	99	10.9	5.5	72.4	30.4	205.2	53.4	8.3	98	35.5	211.3	52.6	2.3	100	32.0	166.6	53.6	10.3	100
LOWEST				24.3	141.4	51.0	0.5	84	7.6	3.4	67.5	22.7	155.0	51.0	0.0	85	24.2	167.8	50.6	0.0	82	22.4	83.7	50.6	0.4	72
CV (%)				6.5	7.6	0.9	113.3	6	7.5	4.7	1.5	7.0	7.1	0.9	89.6	6	5.5	5.8	0.5	200.0	5	6.9	10.5	1.2	106.1	5
LSD (5%)				1.4	10.2	0.4	1.7	4	0.9	0.3	1.5	2.6	18.1	0.7	3.1	8	2.2	15.1	0.4	1.6	6	2.5	19.9	0.9	3.6	7

2 Year Averages 2009 - 2008				EARLY - TRIAL AVERAGE					% QUALITY			HURON - EARLY					MASON - EARLY					MONTCALM - EARLY				
BRAND / HYBRID	**RM**	**TRT**	**TRAIT**	**%H2O**	**BU/A**	**Twt**	**%SL**	**%Std**	**Prot**	**Oil**	**Strch**	**%H2O**	**BU/A**	**Twt**	**%SL**	**%Std**	**%H2O**	**BU/A**	**Twt**	**%SL**	**%Std**	**%H2O**	**BU/A**	**Twt**	**%SL**	**%Std**
BAYSIDE 6096	96	P250		26.1	184.7 *	51.6	1.8	96	8.7	4.6	63.9	25.1	207.1 *	52.1	1.2	95	28.4	179.1	50.9	0.7	98	24.8	167.9 *	51.8	3.5	95
BAYSIDE 6094YGCBRR	94	P250	1,2	23.2	178.8	52.7	2.0	93	8.5	3.7	65.0	23.8	206.6 *	53.1	4.3	95	23.6	174.7	52.0	0.2	96	22.4	155.2	53.0	1.5	88
DAIRYLAND STEALTH-9196	96	P250	1,2,3	24.5	183.2 *	52.7	1.6	98	8.6	4.8	63.8	23.9	195.9	53.1	2.2	97	25.0	185.8 *	52.2	0.8	100	24.4	167.8 *	52.7	1.8	98
DEKALB DKC45-79 (VT3)	95	P250	1,2,3	24.9	182.7 *	52.1	1.6	98	8.0	4.3	64.0	25.3	202.0	52.0	1.7	95	25.3	187.0 *	52.0	0.9	99	24.0	159.0	52.2	2.1	99
DEKALB DKC46-60 (VT3)	96	P250	1,2,3	23.7	186.4 *	52.6	0.7	98	8.0	4.3	64.7	24.2	208.3 *	52.7	1.0	97	23.7	178.6	52.5	0.5	100	23.3	172.4 *	52.7	0.5	97
DYNAGRO 54V78	96	P250	1,2,3,14	23.0	192.0 **	52.5	1.9	97	8.7	4.8	63.2	23.5	215.2 **	52.9	4.2	95	22.9	184.0 *	52.2	0.8	99	22.8	176.8 *	52.5	0.7	97
GREAT LAKES 4481G3VT3	94	P250	1,2,3	24.0	183.0 *	53.2	1.3	91	8.3	3.9	64.7	24.7	201.3	52.8	1.6	85	24.2	186.8 *	52.7	1.2	97	23.2	160.8	54.3	1.1	92
GREAT LAKES 4689G3VT3	96	P250	1,2,3	27.0	184.0 *	51.7	1.2	95	9.1	4.4	63.7	27.9	201.8	51.6	0.3	92	27.0	182.7 *	51.8	0.7	98	26.2	167.5 *	51.9	2.4	96
HYLAND SEEDS HLCVR54	92	P250	1,2,3	23.1	183.4 *	52.5	1.6	98	9.2	4.7	63.0	23.7	208.9 *	52.8	2.7	96	23.6	181.3 *	51.9	0.5	100	22.1	160.2	53.0	1.6	98
LEGACY SEEDS L-3750VT3	97	P250	1,2,3	24.9	178.8	52.7	2.2	95	7.7	4.3	65.7	25.7	195.9	52.5	3.5	93	24.7	183.2 *	52.8	0.9	96	24.3	157.3	52.8	2.2	97
NuTech 3T-393 VT3	93	C250	1,2,3	23.5	188.7 *	52.5	1.4	98	8.8	4.4	64.0	22.8	207.4 *	53.1	2.8	98	24.7	181.0 *	51.5	0.3	98	23.1	177.5 **	53.0	1.0	98
NuTech 3T-098 VT3	97	C250	1,2,3	26.4	182.9 *	52.0	1.3	96	9.9	4.6	62.4	28.2	203.6	51.7	1.0	94	26.9	183.8 *	52.0	0.8	98	24.1	161.3	52.4	2.1	97
NuTech 3T-098B VT3	97	C250	1,2,3	27.6	191.5 *	51.9	1.1	95	8.9	4.6	63.4	28.5	213.0 *	51.5	1.3	95	27.6	190.3 **	52.0	0.7	94	26.9	171.2 *	52.2	1.3	97
PIONEER 38M60	94	P250	1,2,3,4,11,14	22.9	178.1	53.6	1.7	98	8.4	4.1	63.6	24.0	201.9	53.4	2.5	98	22.9	172.7	53.1	0.5	99	21.7	159.5	54.4	2.1	98
RENK RK570VT3	95	P250	1,2,3	23.2	185.7 *	52.5	1.9	97	8.7	4.5	63.8	23.1	204.2	53.1	3.7	94	22.9	185.0 *	52.0	0.2	99	23.6	167.8 *	52.3	1.8	98
AVERAGE				24.5	184.3	52.5	1.6	96	8.6	4.4	63.9	25.0	204.9	52.5	2.3	95	24.9	182.4	52.1	0.6	98	23.8	165.5	52.8	1.7	96
HIGHEST				27.6	192.0	53.6	2.2	98	9.9	4.8	65.7	28.5	215.2	53.4	4.3	98	28.4	190.3	53.1	1.2	100	26.9	177.5	54.4	3.5	99
LOWEST				22.9	178.1	51.6	0.7	91	7.7	3.7	62.4	22.8	195.9	51.5	0.3	85	22.9	172.7	50.9	0.2	94	21.7	155.2	51.8	0.5	88
CV (%)				5.3	7.0	1.3	113.4	4.6	6.1	6.5	1.4	5.6	5.7	0.9	95.9	5.7	4.9	5.5	1.5	179.7	3.7	5.5	10.2	1.4	102.9	4.3
LSD (5%)				1.4	12.2	0.7	1.9	4.3	0.5	0.3	0.9	1.4	10.9	0.5	2.1	5.2	1.3	10.1	0.8	1.1	3.6	1.3	15.1	0.7	2.2	4.1

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

TABLE 3L.

HURON, MASON & MONTCALM COUNTY GRAIN TRIALS - LATE (98 - 106 Day)

ZONE 3

2009				LATE - TRIAL AVERAGE					% QUALITY			HURON - LATE					MASON - LATE					MONTCALM - LATE				
BRAND / HYBRID	RM	TRT	TRAIT	%H2O	BU/A	Twt	%SL	%Std	Prot	Oil	Strch	%H2O	BU/A	Twt	%SL	%Std	%H2O	BU/A	Twt	%SL	%Std	%H2O	BU/A	Twt	%SL	%Std
BAYSIDE 5100RR	100	P250	1	34.4	182.5 *	50.8	1.5	98	9.6	4.2	69.4	32.4	195.2 *	51.1	1.9	98	34.5	191.6 *	50.7	1.4	99	36.2	160.7 *	50.5	1.3	96
CHANNEL 202-83VT3 Brand	102	P250	1,2,3	30.7	178.6 *	51.3	3.5	98	9.0	3.5	70.1	29.1	199.6 *	51.6	2.8	98	32.9	178.5	50.9	4.0	98	30.0	157.7 *	51.4	3.6	98
DAIRYLAND STEALTH-9799	99	P250	1,2,3	32.8	168.4	51.0	1.7	97	9.3	3.9	69.2	30.0	176.2	51.4	1.9	99	34.6	173.5	50.7	0.4	95	33.7	155.4 *	50.8	2.8	96
DEKALB DKC48-37 (VT3)	98	P250	1,2,3	28.2	158.1	51.8	0.8	92	8.8	4.0	69.5	26.2	169.0	52.2	0.7	89	26.1	181.9	52.1	0.8	94	32.3	123.4	51.1	1.0	94
DEKALB DKC50-35 (VT3)	100	P250	1,2,3	31.8	164.0	51.2	2.1	97	8.9	4.5	68.7	29.7	183.8	51.4	3.2	94	32.9	182.4	50.9	0.4	97	32.7	125.8	51.2	2.6	99
DEKALB DKC50-44 (VT3)	100	P250	1,2,3	32.4	175.6	51.0	4.0	95	8.8	3.7	70.4	30.2	193.6 *	51.2	3.6	95	32.7	177.7	51.0	2.9	92	34.2	155.5 *	50.8	5.5	97
DEKALB DKC50-66 (VT3)	100	P250	1,2,3	30.2	169.1	51.4	0.7	97	9.0	4.0	69.1	28.3	190.5 *	51.7	1.0	93	31.8	176.5	51.1	0.0	99	30.6	140.4	51.5	1.0	98
DEKALB DKC51-13 (VT3)	101	P250	1,2,3	33.1	156.1	50.9	1.0	90	8.4	4.1	70.5	31.8	168.0	51.1	1.4	79	33.4	172.3	50.9	0.0	94	34.2	127.9	50.8	1.7	95
DEKALB DKC52-59 (VT3)	102	P250	1,2,3	33.0	181.7 *	50.9	2.8	97	8.7	4.1	70.1	30.2	191.2 *	51.2	6.2	92	34.3	193.7 *	50.7	0.0	99	34.5	160.3 *	50.7	2.2	100
DEKALB DKC54-16 (VT3)	104	P250	1,2,3	34.4	172.0	50.7	1.0	95	9.9	3.8	68.5	32.3	170.2	51.0	1.6	92	35.6	182.9 *	50.6	0.0	96	35.4	163.0 *	50.5	1.3	98
DEKALB DKC55-07 (VT3)	105	P250	1,2,3	36.1	176.1	50.5	2.7	96	10.4	3.7	69.0	34.6	184.1	50.7	3.8	95	35.4	191.0 *	50.6	1.3	96	38.4	153.1	50.3	2.9	98
DYNAGRO CX09104	104	P250	1,2,3	34.9	181.7 *	50.8	1.5	96	10.4	3.9	68.3	30.4	197.6 *	51.3	1.6	95	37.2	187.2 *	50.5	0.7	96	37.2	160.3 *	50.5	2.3	97
DYNAGRO V3883VT3	98	P250	1,2,3	32.4	168.0	50.9	1.4	91	9.9	4.3	68.4	29.2	180.0	51.5	1.8	88	33.4	177.5	50.8	0.4	91	34.5	146.4	50.5	2.1	93
DYNAGRO V4393VT3	103	P250	1,2,3	35.0	162.0	50.8	5.2	93	9.2	3.9	69.4	33.7	177.6	50.9	4.5	90	35.7	174.9	50.7	4.8	95	35.7	133.4	50.7	6.3	95
G2 GENETICS 5H-999A RR/HX	99	C250	1,2,4	30.9	186.1 *	51.2	1.8	96	9.0	3.7	68.2	29.8	189.9 *	51.3	3.6	95	31.6	197.4 *	51.0	0.4	94	31.3	171.0 **	51.2	1.3	99
G2 GENETICS 5H-700B RR/HX	100	C250	1,2,4	32.0	180.1 *	51.1	2.6	97	9.3	3.9	68.2	28.2	191.2 *	51.6	7.1	94	33.8	195.7 *	50.8	0.0	98	33.9	153.5	50.9	0.7	99
G2 GENETICS 5H-501 RR.HX	101	C250	1,2,4	31.9	178.0 *	51.2	3.0	92	9.0	4.0	69.8	29.7	171.0	51.6	6.5	87	34.2	200.4 *	50.8	1.0	98	31.8	162.5 *	51.2	1.4	92
G2 GENETICS 5H-702 RR/HX	101	C250	1,2,4	31.4	188.5 **	51.2	1.6	96	9.1	3.7	69.4	29.5	205.2 *	51.4	2.9	95	33.1	200.9 **	51.0	0.0	97	31.5	159.3 *	51.2	1.9	96
G2 GENETICS 5X-802 RR/HXT	101	C250	1,2,3,4	33.7	167.2	50.8	1.2	97	9.2	3.7	68.3	30.2	177.1	51.2	2.3	91	35.1	179.8	50.7	0.3	99	35.7	144.6	50.6	1.0	100
G2 GENETICS 1H-005 HX/LL	105	C250	2,4	35.6	169.2	50.6	1.9	94	10.6	3.5	69.3	30.7	188.2 *	51.1	5.2	96	37.8	166.3	50.4	0.4	96	38.2	153.2	50.3	0.0	90
G2 GENETICS 5H-005 RR/HX	105	C250	1,2,4	37.2	157.7	50.5	1.9	97	10.0	3.6	68.7	35.0	171.8	50.6	5.5	95	39.0	163.3	50.4	0.3	96	37.7	137.9	50.4	0.0	100
G2 GENETICS 5H-905 RR/HX	105	C250	1,2,4	36.5	175.4	50.6	1.7	92	9.9	3.7	68.9	33.4	197.3 *	50.8	3.6	93	37.6	182.5	50.5	0.4	89	38.4	146.5	50.4	1.0	95
G2 GENETICS 5H-906 RR/HX	106	C250	1,2,4	36.0	159.2	50.6	0.8	97	9.1	3.8	69.7	32.4	181.0	50.9	1.0	95	37.5	174.2	50.5	0.7	99	38.1	122.3	50.4	0.7	98
GREAT LAKES 4840G3VT3	98	P250	1,2,3	30.4	171.7	51.4	1.7	97	8.5	4.1	69.7	27.0	184.1	52.1	1.9	95	32.3	178.5	51.0	1.0	98	32.0	152.6	51.1	2.3	97
GREAT LAKES 4951G3VT3	99	P250	1,2,3	34.2	171.5	50.8	1.8	96	9.5	4.1	68.8	32.5	180.9	50.9	0.7	97	33.9	176.6	50.9	0.3	93	36.2	157.0 *	50.6	4.5	99
HYLAND SEEDS HLB49R	101	P250	1,2,4	33.6	164.8	51.0	4.8	98	9.3	3.9	69.1	29.5	176.3	51.7	12.5	97	36.5	175.3	50.7	0.7	100	34.9	142.9	50.7	1.3	98
HYLAND SEEDS HLCVR68	98	P250	1,2,3	30.7	176.3	51.3	1.3	97	8.9	4.0	69.9	28.0	181.5	51.7	1.0	94	30.9	189.0 *	51.3	1.4	98	33.3	158.4 *	50.9	1.6	99
HYLAND SEEDS HLCVR72	99	P250	1,2,3	31.6	162.5	51.2	2.7	96	9.1	4.4	69.5	30.1	179.2	51.4	3.2	94	33.4	164.6	50.9	1.4	96	31.3	143.8	51.2	3.6	98
HYLAND SEEDS HLCVR74	101	P250	1,2,3	35.7	178.4 *	50.6	1.3	98	9.2	4.2	68.8	32.7	209.2 **	50.9	0.9	98	37.8	187.6 *	50.5	0.7	99	36.6	138.5	50.5	2.2	98
LEGACY SEEDS L-4009HXTRR	100	P250	1,2,3,4	34.8	164.1	50.8	3.3	96	9.4	3.9	69.6	30.7	189.0 *	51.3	8.2	97	36.8	175.0	50.6	1.0	95	37.0	128.2	50.5	0.7	94
M&W SEEDS 46T85	98	P250	1,2,3	30.5	159.6	51.4	3.8	92	8.9	4.1	70.6	28.4	178.6	51.8	3.3	93	31.5	162.7	51.1	1.9	91	31.7	137.5	51.2	6.2	90
M&W SEEDS 46M97	101	P250	1,2,3	35.9	164.3	50.7	3.1	94	10.1	4.1	68.8	33.2	176.2	51.0	7.3	91	37.4	176.5	50.5	1.4	96	37.2	140.2	50.5	0.7	95
NK Brand N39Z	98	C250	2,3,4	33.4	162.8	50.9	2.7	89	9.0	3.6	70.0	29.2	168.1	51.4	4.1	93	36.7	176.1	50.6	0.8	84	34.3	144.3	50.7	3.2	91
NK Brand N48S	103	C250	2,3,4	32.3	159.8	51.2	1.9	93	8.3	4.0	70.9	27.6	181.5	52.1	5.1	96	36.4	163.4	50.6	0.0	88	32.9	134.4	51.0	0.7	94
NK Brand N52A	104	C250	2,3,4	34.2	155.6	50.8	4.4	93	9.2	4.1	68.8	28.4	166.2	51.6	10.2	93	37.2	164.9	50.5	0.9	90	37.0	135.6	50.4	2.0	97
NK Brand N53W	104	C250	1	33.7	166.9	50.9	0.8	88	9.1	3.8	69.7	30.5	169.5	51.3	1.8	87	35.5	178.9	50.6	0.0	88	35.2	152.2	50.8	0.7	90
NuTech 3T-300 VT3	100	C250	1,2,3	32.9	172.0	51.0	3.5	97	9.1	4.1	68.7	31.9	181.8	51.1	5.1	96	32.9	171.7	50.9	1.0	94	33.9	162.5 *	50.9	4.4	100
NuTech 3T-600 VT3	100	P250	1,2,3	32.0	157.9	51.3	3.7	92	8.9	4.1	69.8	29.0	163.6	52.1	4.2	89	32.4	175.5	51.0	1.0	100	34.7	134.7	50.7	5.9	89
NuTech 1N-001 CB/LL/RW	101	C250	2,3,4	34.5	171.6	50.9	4.1	97	9.4	4.1	68.7	28.7	176.6	51.6	9.2	97	36.1	191.9 *	50.6	0.7	95	38.6	146.4	50.4	2.3	99
NuTech 3T-302 VT3	101	C250	1,2,3	35.6	161.5	50.7	2.9	93	10.6	4.0	67.8	31.4	176.5	51.1	5.3	95	37.9	167.2	50.5	1.6	90	37.5	140.9	50.4	1.7	94
NuTech 3T-601 VT3	101	P250	1,2,3	32.6	162.7	51.1	2.8	99	8.8	4.0	70.6	32.4	162.7	51.1	5.6	96	32.6	183.0 *	51.0	1.0	100	32.9	142.4	51.1	1.9	100
NuTech 3T-603 VT3	103	C250	1,2,3	35.5	146.8	50.8	2.4	93	10.4	4.4	68.0	31.8	158.5	51.3	5.7	92	37.8	158.1	50.5	0.0	95	37.0	123.9	50.5	1.4	92
NuTech 2A-804 CL	104	C250	5	33.2	176.5	50.9	2.4	95	8.7	4.0	69.9	31.0	190.4 *	51.3	5.9	86	35.7	191.6 *	50.7	0.4	99	32.9	147.5	50.8	1.0	98
PIONEER 37Y14	99	P250	1,2,3,4,11,12	30.0	170.3	51.4	1.8	95	8.6	3.3	71.7	27.2	185.7	51.8	3.2	91	32.0	174.0	51.1	0.0	94	30.8	151.3	51.3	2.3	98
PIONEER 37K11	99	P250	1,2,4,11,12	32.4	172.0	51.0	1.7	98	10.2	4.5	66.8	27.2	184.7	51.7	1.3	94	36.7	170.2	50.6	0.3	100	33.2	161.1 *	50.8	3.5	99

PIONEER 36V53	102	P250	1,2,4	33.3	173.8	51.0	2.0	96	9.7	3.7	68.9	29.1	192.7 *	51.5	4.6	98	35.4	168.4	50.7	0.7	91	35.3	160.3 *	50.7	0.6	100
PIONEER 35F40	105	P250	1,2,4,11,12,14	35.1	174.2	50.8	2.6	97	9.1	3.8	70.0	31.5	199.3 *	51.2	4.4	95	37.3	185.3 *	50.6	1.0	100	36.4	137.9	50.6	2.3	95
RENK RK594GTCBLLRW	100	P250	1,2,3,4	31.2	166.1	51.4	1.3	94	8.8	4.3	69.3	27.7	168.7	52.4	1.3	91	34.6	174.7	50.7	1.1	91	31.2	154.9 *	51.2	1.6	99
RENK RK670VT3	102	P250	1,2,3	35.8	168.0	50.6	1.4	98	10.2	4.3	67.4	33.8	173.3	50.8	0.6	96	37.3	181.3	50.5	1.0	100	36.3	149.4	50.5	2.6	97
RENK RK616VT3	100	P250	1,2,3	29.8	160.5	51.5	4.0	97	9.5	3.9	69.9	28.1	164.4	51.9	7.7	99	30.4	162.6	51.3	0.7	96	30.9	154.6	51.3	3.7	95
RENK RK686VT3	103	P250	1,2,3	34.4	162.6	50.8	2.0	96	10.0	3.9	68.5	31.9	171.7	51.1	3.8	96	35.1	166.5	50.7	0.7	95	36.1	149.7	50.5	1.6	95
RENK RK698VT3	103	P250	1,2,3	35.0	168.6	50.7	2.5	98	9.1	3.7	69.5	31.9	192.4 *	51.0	2.6	94	36.7	166.6	50.5	2.0	99	36.4	146.7	50.5	2.9	100
TRELAY 5VT323	99	P250	1,2,3	29.5	174.6	51.5	1.8	97	9.5	4.1	68.5	26.1	176.8	52.1	3.7	95	31.7	176.6	51.1	0.3	98	30.6	170.5 *	51.4	1.3	98
TRELAY 5T128	101	P250	1,2,3	33.1	170.6	50.9	1.6	94	8.7	4.2	70.2	30.7	162.7	51.3	2.6	92	34.2	188.6 *	50.8	0.7	92	34.3	160.5 *	50.7	1.6	99
AVERAGE				33.2	169.0	51.0	2.3	95	9.3	3.9	69.2	30.3	181.0	51.4	3.9	94	34.7	178.2	50.8	0.8	95	34.5	147.7	50.8	2.2	97
HIGHEST				37.2	188.5	51.8	5.2	99	10.6	4.5	71.7	35.0	209.2	52.4	12.5	99	39.0	200.9	52.1	4.8	100	38.6	171.0	51.5	6.3	100
LOWEST				28.2	146.8	50.5	0.7	88	8.3	3.3	66.8	26.1	158.5	50.6	0.6	79	26.1	158.1	50.4	0.0	84	30.0	122.3	50.3	0.0	89
CV (%)				6.2	7.9	0.7	116.5	6	5.8	5.5	1.3	9.2	8.3	1.0	104.8	6	3.8	7.3	0.3	149.3	6	5.2	7.9	0.6	83.8	5
LSD (5%)				1.7	10.7	0.3	2.1	4	0.8	0.3	1.3	3.9	21.1	0.7	5.7	8	1.8	18.1	0.2	1.8	9	2.5	16.3	0.4	2.5	6

2 Year Averages 2009 - 2008				LATE - TRIAL AVERAGE					% QUALITY			HURON - LATE					MASON - LATE					MONTCALM - LATE				
BRAND / HYBRID	**RM**	**TRT**	**TRAIT**	**%H2O**	**BU/A**	**Twt**	**%SL**	**%Std**	**Prot**	**Oil**	**Strch**	**%H2O**	**BU/A**	**Twt**	**%SL**	**%Std**	**%H2O**	**BU/A**	**Twt**	**%SL**	**%Std**	**%H2O**	**BU/A**	**Twt**	**%SL**	**%Std**
BAYSIDE 5100RR	100	P250	1	30.3	197.4 *	50.4	0.9	97	9.1	4.1	63.8	30.8	216.4 *	50.3	1.3	96	29.2	197.2 *	50.7	0.8	100	30.9	178.7 *	50.3	0.7	96
DAIRYLAND STEALTH-9799	99	P250	1,2,3	28.3	187.9	51.4	1.1	98	8.9	4.2	64.1	28.4	205.5	51.5	1.1	98	27.8	184.3	51.8	0.2	98	28.5	173.9 *	50.8	2.1	97
DEKALB DKC50-44 (VT3)	100	P250	1,2,3	28.2	187.8	51.2	2.9	96	8.1	3.6	64.8	27.8	211.5	51.2	2.3	97	26.8	181.4	51.9	1.6	96	30.1	170.5 *	50.5	4.8	95
DEKALB DKC52-59 (VT3)	102	P250	1,2,3	28.3	198.2 *	50.8	2.6	98	8.4	4.0	64.2	28.2	220.6 *	51.2	4.0	96	27.6	193.2	50.9	0.5	100	29.0	180.8 **	50.4	3.4	99
DEKALB DKC54-16 (VT3)	104	P250	1,2,3	30.3	185.1	50.5	1.0	96	9.1	4.0	63.4	29.7	203.7	50.5	1.1	94	29.7	180.6	51.0	0.0	98	31.5	171.2 *	49.8	1.8	96
DYNAGRO V3883VT3	98	P250	1,2,3	28.0	183.0	51.5	1.4	93	9.3	4.1	63.5	28.2	202.8	51.6	1.4	91	27.2	181.6	51.9	0.3	95	28.7	164.6	50.9	2.4	92
DYNAGRO V4393VT3	103	P250	1,2,3	30.8	178.3	50.8	2.9	95	8.8	4.0	63.7	30.5	201.7	50.8	2.9	94	30.5	176.4	50.8	2.6	97	31.3	157.0	50.6	3.1	95
G2 GENETICS 5H-501 RR.HX	101	C250	1,2,4	29.3	191.4 *	50.8	2.0	93	9.6	3.3	64.4	28.8	201.6	51.1	3.6	89	29.0	198.0 *	50.9	1.0	98	30.2	174.7 *	50.2	1.4	91
G2 GENETICS 5H-702 RR/HX	101	C250	1,2,4	28.8	202.5 **	51.0	1.1	96	8.6	3.7	64.6	28.9	226.3 **	51.0	1.9	93	28.8	205.1 **	50.9	0.0	98	28.6	176.2 *	51.0	1.5	96
G2 GENETICS 1H-005 HX/LL	105	C250	2,4	32.0	189.9	49.2	1.8	95	8.7	3.5	64.3	32.5	209.1	49.6	4.5	96	31.2	185.2	49.1	0.3	96	32.2	175.3 *	49.0	0.5	93
G2 GENETICS 5H-906 RR/HX	106	C250	1,2,4	33.6	189.7	50.8	0.8	98	8.8	3.5	64.4	32.7	210.0	51.1	0.8	96	32.8	194.7 *	50.9	1.0	99	35.2	164.3	50.5	0.5	98
GREAT LAKES 4951G3VT3	99	P250	1,2,3	29.9	190.2	50.8	1.2	95	8.8	4.2	63.6	29.8	205.6	50.7	0.5	95	28.3	188.1	51.2	0.7	95	31.7	176.8 *	50.6	2.6	96
HYLAND SEEDS HLCVR72	99	P250	1,2,3	28.1	177.0	51.6	2.4	96	8.5	3.8	64.4	28.2	191.6	51.3	3.0	93	28.2	170.0	51.6	0.9	97	27.9	169.3	51.8	3.3	97
HYLAND SEEDS HLCVR74	101	P250	1,2,3	31.5	192.5 *	49.9	0.9	99	8.7	4.4	63.7	31.4	219.7 *	50.0	1.3	99	31.2	190.8	49.9	0.3	100	31.8	167.1	49.6	1.1	99
HYLAND SEEDS HLB49R	101	P250	1,2,4	30.3	182.2	50.5	3.2	99	9.1	4.1	63.2	29.3	202.2	50.8	7.7	98	31.1	180.4	50.8	1.0	100	30.7	164.0	50.0	1.1	98
NuTech 3T-302 VT3	101	C250	1,2,3	31.8	181.0	50.6	1.9	96	10.0	4.1	62.7	31.0	200.3	50.6	3.3	96	31.9	174.6	50.5	1.4	95	32.6	168.2	50.7	0.8	97
PIONEER 36V53	102	P250	1,2,4	29.5	193.8 *	50.4	1.8	98	9.3	3.8	63.4	28.3	221.7 *	50.5	2.8	99	29.6	181.8	50.4	0.3	95	30.6	177.8 *	50.4	2.2	99
PIONEER 37Y14	99	P250	1,2,3,4,11,12	27.2	186.6	51.3	1.3	97	8.6	3.6	65.0	26.5	206.4	51.5	1.6	95	27.5	180.2	51.5	0.3	97	27.7	173.1 *	51.1	2.1	98
RENK RK670VT3	102	P250	1,2,3	31.4	183.8	50.0	1.1	98	8.6	3.9	64.7	31.9	191.3	49.9	1.3	97	30.7	187.2	50.2	0.5	99	31.6	172.9 *	50.0	1.6	98
RENK RK616VT3	100	P250	1,2,3	26.6	177.4	52.4	2.5	98	9.5	4.3	62.5	26.6	191.1	52.2	4.8	99	26.2	171.7	52.4	0.5	98	27.0	169.5 *	52.6	2.2	96
RENK RK686VT3	103	P250	1,2,3	31.4	182.2	50.5	1.0	96	9.7	3.8	63.3	31.7	200.7	50.6	1.9	94	30.4	179.7	50.8	0.3	98	32.3	166.3	50.2	0.8	96
AVERAGE				29.8	187.5	50.8	1.7	97	9.0	3.9	63.9	29.6	206.6	50.9	2.5	96	29.3	184.9	51.0	0.7	97	30.5	171.1	50.5	1.9	96
HIGHEST				33.6	202.5	52.4	3.2	99	10.0	4.4	65.0	32.7	226.3	52.2	7.7	99	32.8	205.1	52.4	2.6	100	35.2	180.8	52.6	4.8	99
LOWEST				26.6	177.0	49.2	0.8	93	8.1	3.3	62.5	26.5	191.1	49.6	0.5	89	26.2	170.0	49.1	0.0	95	27.0	157.0	49.0	0.5	91
CV (%)				5.2	6.7	1.1	116.0	4.7	5.0	6.4	1.3	7.1	6.9	1.0	100.5	5.1	3.5	6.0	0.9	158.3	4.9	4.5	7.3	1.4	101.3	4.1
LSD (5%)				1.6	11.8	0.6	2.2	4.4	0.5	0.3	0.8	2.1	13.1	0.5	3.1	4.7	1.1	10.8	0.5	1.2	4.6	1.4	11.4	0.7	2.0	3.9

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

TABLE 4. GRAND TRAVERSE, MENOMINEE (LATE) & OGEMAW COUNTY GRAIN TRIALS (80 - 95 Day) ZONE 4

2009				TRIAL AVERAGE					% QUALITY			GRAND TRAVERSE					MENOMINEE - LATE					OGEMAW				
BRAND / HYBRID	RM	TRT	TRAIT	%H2O	BU/A	Twt	%SL	%Std	Prot	Oil	Strch	%H2O	BU/A	Twt	%SL	%Std	%H2O	BU/A	Twt	%SL	%Std	%H2O	BU/A	Twt	%SL	%Std
BAYSIDE Super 80	80			29.2	151.4	52.0	1.2	100	7.5	4.5	58.9	38.3	141.8	50.5	1.9	100	23.1	151.8 *	53.4	1.6	100	26.2	160.7	52.1	0.0	99
BAYSIDE 1541RR	81	P250	1	29.0	149.4	52.1	1.3	100	8.2	3.4	59.2	38.7	138.1	50.5	1.0	99	22.0	147.1	53.6	1.6	100	26.2	163.0	52.2	1.3	99
DAIRYLAND STEALTH-9789	89	P250	1,2,3	33.1	160.0 *	51.1	4.2	99	7.4	4.0	59.1	39.7	157.4 *	50.4	8.2	99	31.1	149.5 *	51.2	0.3	100	28.5	173.1	51.7	4.2	99
DAIRYLAND STEALTH-7891	91	P250	1,2,4	32.2	151.2	51.3	1.8	98	7.3	4.2	59.9	39.8	138.6	50.4	2.8	100	27.2	135.9	52.1	0.7	99	29.5	179.2 *	51.5	2.0	95
DEKALB DKC33-54 (RR2)	83	P250	1	26.1	141.4	52.5	2.3	99	7.8	4.0	59.8	31.6	148.1 *	51.0	2.0	98	22.5	131.1	53.5	2.6	100	24.2	145.0	52.9	2.2	100
DEKALB DKC36-34 (VT3)	86	P250	1,2,3	27.9	152.0	52.1	2.2	100	7.6	4.1	59.3	36.0	145.2	50.6	3.2	99	22.4	157.3 *	53.5	1.3	100	25.4	153.6	52.3	2.2	100
DEKALB DKC38-89 (VT3)	88	P250	1,2,3	31.1	159.9 *	51.5	2.1	95	7.1	4.5	59.2	39.6	150.7 *	50.4	1.4	95	25.0	147.1	52.5	2.6	96	28.7	181.9 *	51.6	2.3	94
DEKALB DKC40-20 (VT3)	90	P250	1,2,3	32.4	158.4	51.3	1.7	98	6.5	4.1	60.2	39.8	152.0 *	50.5	2.9	98	26.0	154.8 *	52.1	0.7	96	31.5	168.5	51.2	1.6	100
DEKALB DKC41-60 (VT3)	91	P250	1,2,3	32.7	154.1	51.0	2.7	100	6.7	4.1	59.9	39.6	148.5 *	50.4	3.1	100	29.2	145.7	51.2	3.5	99	29.4	168.2	51.5	1.6	99
DEKALB DKC42-72 (VT3)	92	P250	1,2,3	32.4	162.8 *	51.4	3.7	100	7.3	3.9	59.4	41.0	154.7 *	50.5	6.0	100	26.4	147.7	52.2	1.0	100	29.7	186.1 *	51.4	4.1	100
DYNAGRO 52V01	86	P250	1,2,3,14	29.9	156.9	51.5	3.2	95	7.8	4.3	59.4	38.3	143.5	50.5	5.8	92	24.0	156.2 *	52.2	1.6	96	27.4	171.1	51.9	2.3	96
DYNAGRO CX08287	87	P250	1,2,4	30.2	149.5	52.0	2.4	99	7.1	4.0	59.7	40.8	128.1	50.5	3.8	100	22.4	147.9	53.6	1.0	98	27.4	172.6	51.9	2.5	100
DYNAGRO CX09892	92	P250	1,2	32.1	157.9	51.1	1.9	97	7.1	4.1	60.3	39.1	145.3	50.4	2.9	97	27.7	147.3	51.5	0.7	96	29.6	181.0 *	51.3	2.1	98
GREAT LAKES 4041G3VT3	90	P250	1,2,3	31.2	163.1 *	51.5	2.4	99	6.7	4.0	60.4	39.7	160.4 *	50.4	2.6	98	26.4	163.4 **	52.2	1.9	98	27.6	165.5	51.9	2.8	100
GREAT LAKES 4415G3VT3	94	P250	1,2,3	34.2	155.8	51.0	1.2	97	7.1	4.4	59.6	41.8	144.5	50.6	1.0	95	28.7	139.2	51.3	1.3	99	32.2	183.8 *	51.1	1.3	98
GREAT LAKES 4481G3VT3	94	P250	1,2,3	33.2	156.9	51.1	1.6	98	6.8	3.8	59.9	40.2	142.7	50.5	2.5	96	27.7	152.1 *	51.8	0.3	99	31.8	176.0 *	51.0	1.9	99
HYLAND SEEDS HLCVR54	92	P250	1,2,3	32.4	164.7 *	51.2	1.6	100	6.8	4.5	59.4	40.8	155.8 *	50.5	2.2	100	27.5	159.1 *	51.7	0.0	100	28.9	179.1 *	51.4	2.5	100
MYCOGEN 2T220	86	C250	1,2,3	30.3	162.7 *	51.7	3.4	98	7.4	4.0	59.4	39.1	154.9 *	50.5	6.2	96	23.3	156.7 *	53.2	1.3	100	28.6	176.6 *	51.5	2.6	98
MYCOGEN 2J337	92	C250	1,2,3	31.2	164.6 *	51.5	4.5	100	7.1	3.8	60.0	40.3	154.0 *	50.4	5.7	99	26.4	158.3 *	52.1	1.6	100	26.8	181.4 *	52.0	6.3	100
NuTech 1N-887 CB/LL/RW	87	C250	2,3,4	32.7	155.7	51.2	2.3	99	6.9	4.6	60.1	41.3	138.5	50.5	2.8	100	27.5	150.0 *	51.8	0.7	99	29.3	178.5 *	51.4	3.5	99
G2 GENETICS 5X-591 RR/HXT	88	C250	1,2,3,4	30.4	149.0	51.6	1.3	100	6.8	4.0	60.6	39.5	130.6	50.5	2.2	99	25.7	153.9 *	52.2	0.0	99	26.1	162.5	52.1	1.6	100
NuTech 3C-889 RR/YGCB	89	P250	1,2	31.4	163.0 *	51.3	3.1	99	6.8	4.1	60.3	38.8	150.1 *	50.5	4.5	98	26.9	151.7 *	51.9	2.5	100	28.6	187.1 *	51.6	2.2	100
NuTech 1B-290 CB/LL	90	P250	2,4	32.2	160.9 *	51.3	1.2	99	6.6	3.6	61.3	41.2	151.7 *	50.6	1.9	100	24.8	150.9 *	52.1	0.0	98	30.5	180.1 *	51.3	1.6	100
NuTech 3A-690 GT	90	P250	1	37.6	141.5	50.7	1.7	96	6.9	3.5	61.3	43.9	116.0	50.7	2.3	96	35.8	132.1	50.5	2.6	96	33.1	176.5 *	51.0	0.3	97
NuTech 3T-894 VT3	94	P250	1,2,3	33.3	152.4	51.1	2.1	99	6.5	4.1	60.7	41.2	133.8	50.5	2.9	98	30.1	153.8 *	51.3	0.3	100	28.7	169.6	51.5	3.2	99
NuTech 3T-295 VT3	95	P250	1,2,3	34.5	158.2	50.9	2.3	99	7.1	4.0	60.3	40.4	155.6 *	50.5	2.5	99	31.0	153.2 *	51.1	1.3	100	32.1	165.7	51.1	3.2	98
PIONEER 38N88	92	P250	1,2,4,11,12	31.2	161.8 *	51.6	6.1	100	7.4	3.8	58.9	40.1	154.0 *	50.5	8.0	99	26.6	153.5 *	52.3	0.3	100	27.0	177.9 *	51.9	10.0	100
PIONEER 38M60	94	P250	1,2,3,4,11,14	31.9	150.9	51.4	1.4	99	7.5	3.5	59.0	39.6	136.1	50.5	3.2	99	27.6	144.5	52.0	0.7	100	28.5	172.1	51.8	0.3	98
PIONEER 38P43	95	P250	1,2,3,4,12	32.9	150.2	51.2	1.6	99	7.9	3.2	59.1	39.8	137.7	50.5	2.3	97	28.2	150.0 *	51.7	0.3	100	30.8	162.8	51.3	2.2	100
RENK RK212CBLL	82	P250	2,4	27.2	168.5 **	52.6	1.7	100	6.6	3.7	60.5	39.3	161.3 **	50.4	1.0	100	18.1	151.2 *	54.7	1.3	100	24.1	192.9 **	52.8	2.9	100
RENK RK292GTCBLL	85	P250	1,2,4	31.4	150.3	51.6	2.4	100	7.0	4.2	59.8	40.3	139.6	50.5	3.5	100	24.2	147.6	52.9	0.3	100	29.8	163.6	51.4	3.5	99
RENK RK302CBLL	87	P250	2,4	32.5	153.2	51.5	1.9	100	6.6	3.9	60.7	42.2	142.2	50.6	1.9	99	26.4	143.1	52.3	0.0	100	28.8	174.3	51.6	3.8	100
RENK RK434RRYGCB	92	P250	1,2	32.6	159.1	51.3	2.9	100	7.2	4.3	59.5	40.3	142.1	50.5	4.8	99	28.4	153.8 *	51.8	2.9	100	29.2	181.5 *	51.6	1.0	100
AVERAGE				31.6	156.0	51.5	2.3	99	7.1	4.0	59.8	39.8	145.3	50.5	3.3	98	26.4	149.6	52.2	1.2	99	28.7	173.1	51.7	2.6	99
HIGHEST				37.6	168.5	52.6	6.1	100	8.2	4.6	61.3	43.9	161.3	51.0	8.2	100	35.8	163.4	54.7	3.5	100	33.1	192.9	52.9	10.0	100
LOWEST				26.1	141.4	50.7	1.2	95	6.5	3.2	58.9	31.6	116.0	50.4	1.0	92	18.1	131.1	50.5	0.0	96	24.1	145.0	51.0	0.0	94
CV (%)				6.7	7.1	1.0	91.3	2	6.5	5.8	1.2	4.8	7.7	0.3	76.0	2	9.6	6.7	1.6	134.0	2	6.5	7.0	0.8	87.0	3
LSD (5%)				1.7	8.9	0.4	1.7	2	0.7	0.3	1.0	2.7	15.6	0.2	3.5	3	3.5	14.1	1.1	2.2	3	2.6	17.0	0.6	3.1	3

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

2 Year Averages 2009 - 2008				TRIAL AVERAGE					% QUALITY			GRAND TRAVERSE					MENOMINEE - LATE					OGEMAW				
BRAND / HYBRID	**RM**	**TRT**	**TRAIT**	%H2O	BU/A	Twt	%SL	%Std	Prot	Oil	Strch	%H2O	BU/A	Twt	%SL	%Std	%H2O	BU/A	Twt	%SL	%Std	%H2O	BU/A	Twt	%SL	%Std
BAYSIDE Super 80	80			25.2	134.6	51.1	3.1	100	8.1	3.7	58.6	31.8	112.1	48.5	4.1	100	20.1	130.8	52.5	4.2	102	23.7	160.9	52.1	1.0	99
BAYSIDE 1541RR	81	P250	1	25.5	144.3	51.9	1.7	100	7.5	4.6	58.3	32.1	122.8	49.8	1.9	99	20.1	138.4	54.2	1.6	103	24.4	171.6 *	51.9	1.6	98
DAIRYLAND STEALTH-9789	89	P250	1,2,3	28.8	156.9 **	50.5	3.7	98	7.3	4.2	59.0	35.2	140.0 *	48.5	4.6	97	26.1	148.5 **	51.1	4.0	102	25.1	182.1 **	51.8	2.6	97
DAIRYLAND STEALTH-7891	91	P250	1,2,4	27.4	136.3	49.9	5.5	96	7.5	4.2	58.6	33.2	118.0	47.6	8.0	97	23.5	130.3	51.0	1.2	99	25.5	160.7	51.1	7.3	93
DEKALB DKC33-54 (RR2)	83	P250	1	23.1	127.4	52.0	7.4	96	7.7	4.0	59.2	27.5	130.6 *	50.7	5.1	95	19.5	114.1	53.3	6.8	101	22.3	137.4	52.2	10.2	93
DEKALB DKC38-89 (VT3)	88	P250	1,2,3	28.3	146.9 *	50.4	2.3	98	7.1	4.4	58.8	35.2	139.3 *	48.8	1.2	97	23.8	128.9	51.2	3.7	102	26.0	172.6 *	51.2	2.1	96
DEKALB DKC41-60 (VT3)	91	P250	1,2,3	28.5	145.8 *	50.6	2.7	97	6.8	4.1	59.2	34.5	135.6 *	48.5	1.9	96	25.4	140.1 *	51.6	4.6	101	25.7	161.8	51.6	1.5	93
DYNAGRO 52V01	87	P250	1,2,3,14	26.1	147.7 *	50.8	3.6	94	7.6	3.9	58.9	32.0	141.8 **	49.3	2.9	90	21.3	138.3	51.6	2.0	99	25.1	162.9	51.5	5.9	93
GREAT LAKES 4041G3VT3	90	P250	1,2,3	27.3	151.5 *	50.9	1.8	96	7.0	3.9	59.4	34.2	139.0 *	48.7	1.3	93	23.2	144.7 *	52.1	2.0	98	24.6	170.9 *	51.9	2.1	95
GREAT LAKES 4415G3VT3	94	P250	1,2,3	29.9	146.0 *	50.2	1.3	96	7.0	4.4	59.4	37.5	128.3	48.2	1.5	94	25.0	132.3	51.4	1.2	100	27.2	177.4 *	50.9	1.2	94
GREAT LAKES 4481G3VT3	94	P250	1,2,3	28.9	150.8 *	50.9	2.0	94	7.4	3.8	59.0	34.7	128.0	49.1	1.8	92	25.0	147.5 *	51.8	2.6	98	26.8	176.8 *	51.7	1.5	92
HYLAND SEEDS HLCVR54	92	P250	1,2,3	29.8	146.5 *	48.8	1.5	101	6.8	4.5	59.4	37.9	130.3 *	47.4	1.3	100	25.5	135.4	48.9	2.0	103	26.0	173.7 *	50.2	1.3	99
NuTech 1N-887 CB/LL/RW	87	C250	2,3,4	28.1	147.5 *	49.4	4.7	100	6.9	4.4	59.1	34.1	127.8	47.5	8.5	99	24.5	138.7	50.4	3.9	103	25.8	176.1 *	50.4	1.8	97
PIONEER 38M60	94	P250	1,2,3,4,11,14	27.9	144.2	51.0	1.1	100	7.3	3.7	58.8	34.0	127.5	49.1	2.2	99	23.6	132.2	52.5	0.5	104	26.0	172.8 *	51.6	0.5	97
AVERAGE				27.5	144.7	50.6	3.0	98	7.3	4.1	59.0	33.8	130.1	48.7	3.3	96	23.3	135.7	51.7	2.9	101	25.3	168.4	51.4	2.9	95
HIGHEST				29.9	156.9	52.0	7.4	101	8.1	4.6	59.4	37.9	141.8	50.7	8.5	100	26.1	148.5	54.2	6.8	104	27.2	182.1	52.2	10.2	99
LOWEST				23.1	127.4	48.8	1.1	94	6.8	3.7	58.3	27.5	112.1	47.4	1.2	90	19.5	114.1	48.9	0.5	98	22.3	137.4	50.2	0.5	92
CV (%)				6.3	7.6	1.8	192.7	3	7.4	7.1	1.4	5.2	9.4	1.8	169.2	3.1	8.3	6.8	1.8	240.9	3	5.8	6.8	1.9	184.3	4
LSD (5%)				1.8	11.2	0.9	5.3	3	0.5	0.3	0.8	1.9	12.6	0.9	5.7	3.0	2.0	9.5	0.9	5.0	2	1.5	11.5	0.9	5.3	4

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
	No Seed Insecticide Applied	
C125	Cruiser® 125	0.125 mg Thiamethoxan per kernal
C250	Cruiser® 250	0.250 mg Thiamethoxan per kernal
C1250	Cruiser® 1250	1.25 mg Thiamethoxan per kernal
P250	Poncho® 250	0.25 mg Clothianidian per kernal
P1250	Poncho® 1250	1.25 mg Clothianidian per kernal
	Cruiser® is a registered trademark of Syngenta Group Company	
	Poncho® is a registered trademark of Gustafson LLC	

TABLE 5. DELTA & MENOMINEE (EARLY) COUNTY GRAIN TRIALS (80 - 92 Day)

ZONE 5

2009				TRIAL AVERAGE					% QUALITY			DELTA					MENOMINEE - EARLY				
BRAND / HYBRID	RM	TRT	TRAIT	%H2O	BU/A	Twt	%SL	%Std	Prot	Oil	Strch	%H2O	BU/A	Twt	%SL	%Std	%H2O	BU/A	Twt	%SL	%Std
BAYSIDE Super 80	80			24.5	133.0	53.1	1.8	99	9.6	4.5	55.5	27.9	116.8	52.0	0.7	100	21.1	149.2	54.1	2.9	97
BAYSIDE 1541RR	81	P250	1	25.8	137.7	52.6	3.1	100	10.1	4.0	54.7	31.7	125.9	51.0	1.1	100	19.8	149.4	54.1	5.0	100
DEKALB DKC30-23 (RR2)	80	P250	1	23.2	141.8	53.3	1.4	98	10.1	4.1	55.0	25.8	137.2 *	52.1	1.8	100	20.5	146.4	54.5	1.0	96
DEKALB DKC33-54 (RR2)	83	P250	1	21.6	135.5	53.8	3.8	99	8.9	3.8	57.4	23.2	129.4	53.2	3.2	100	19.9	141.5	54.3	4.4	99
DEKALB DKC36-34 (VT3)	86	P250	1,2,3	25.2	151.7 *	52.3	1.6	100	9.1	4.5	55.9	27.0	136.2 *	51.3	0.7	100	23.3	167.1 *	53.2	2.5	100
DEKALB DKC38-89 (VT3)	88	P250	1,2,3	31.8	137.7	51.2	1.1	96	9.3	4.5	55.9	37.2	121.2	50.3	0.4	98	26.4	154.2	52.0	1.7	94
DEKALB DKC40-20 (VT3)	90	P250	1,2,3	32.6	146.2 *	51.2	1.4	99	8.9	4.8	56.2	36.9	126.6	50.4	0.4	99	28.3	165.7 *	51.9	2.3	99
DEKALB DKC41-60 (VT3)	91	P250	1,2,3	33.3	148.2 *	51.0	0.7	99	9.1	4.7	56.2	38.0	137.3 *	50.3	0.0	100	28.6	159.0 *	51.6	1.3	99
DEKALB DKC42-72 (VT3)	92	P250	1,2,3	34.0	146.9 *	50.9	1.6	97	9.4	4.6	55.8	37.8	136.4 *	50.4	2.2	100	30.1	157.4 *	51.3	1.0	94
DYNAGRO 51V45	82	P250	1,2,3	23.3	133.1	53.2	1.7	97	11.1	5.0	52.7	24.8	125.5	52.3	0.4	100	21.7	140.7	54.0	2.9	94
DYNAGRO 52V01	86	P250	1,2,3,14	28.3	153.6 *	51.7	1.2	96	9.4	4.4	55.7	32.3	138.1 *	50.9	1.1	97	24.2	169.1 **	52.5	1.3	95
DYNAGRO CX08287	87	P250	1,2,4	29.4	146.9 *	51.7	0.7	100	9.8	4.8	55.3	34.8	142.1 *	50.5	0.7	100	24.0	151.6	52.8	0.6	99
HYLAND SEEDS HLB32R	86	P250	1,2,4	29.1	138.7	52.2	1.2	97	9.4	4.0	56.4	36.3	122.7	50.5	0.0	99	21.8	154.6 *	53.8	2.3	96
HYLAND SEEDS HLCVR36	87	P250	1,2,3	32.2	133.5	51.0	0.4	97	9.2	5.2	56.0	36.0	117.5	50.4	0.4	99	28.3	149.5	51.6	0.4	95
NuTech 1B-887 CB/LL	87	C250	2,4	30.7	137.7	51.5	0.4	95	9.8	4.3	55.6	37.0	131.2	50.4	0.0	98	24.3	144.1	52.5	0.7	93
NuTech 1N-887 CB/LL/RW	87	C250	2,3,4	31.3	140.4	51.2	0.9	100	9.8	4.6	56.1	38.4	126.2	50.3	0.7	100	24.2	154.5 *	52.1	1.0	100
G2 GENETICS 5X-591 RR/HXT	88	C250	1,2,3,4	30.4	131.3	51.3	0.4	100	9.5	4.5	55.7	35.8	112.8	50.4	0.7	100	25.0	149.8	52.2	0.0	99
NuTech 3C-889 RR/YGCB	89	P250	1,2	29.8	150.4 *	51.3	1.4	98	9.0	4.4	56.9	35.0	133.5 *	50.6	0.0	100	24.5	167.2 *	52.0	2.7	97
PIONEER 39V07	80	P250	1,2,4	24.3	140.4	52.6	2.5	96	9.7	3.9	55.0	27.4	123.4	51.8	3.2	98	21.2	157.4 *	53.4	1.8	93
PIONEER 39B23	88	P250	1,2,4,12	28.4	148.9 *	51.8	1.8	97	9.7	4.0	55.6	32.8	136.8 *	50.9	0.0	96	24.0	161.0 *	52.6	3.5	98
RENK RK212CBLL	82	P250	2,4	26.3	155.4 **	52.7	0.7	97	9.2	4.0	56.3	32.0	144.3 **	51.1	0.7	100	20.5	166.4 *	54.3	0.6	94
RENK RK292GTCBLL	85	P250	1,2,4	30.6	140.0	51.7	1.4	100	9.6	4.6	55.7	37.1	127.4	50.4	1.1	100	24.1	152.5	52.9	1.6	100
RENK RK302CBLL	87	P250	2,4	29.8	144.7	51.4	0.4	99	9.1	4.2	56.1	35.8	137.8 *	50.5	0.4	100	23.8	151.5	52.2	0.3	98
AVERAGE				28.5	142.3	51.9	1.4	98	9.5	4.4	55.7	33.1	129.8	50.9	0.9	99	23.9	154.8	52.8	1.8	97
HIGHEST				34.0	155.4	53.8	3.8	100	11.1	5.2	57.4	38.4	144.3	53.2	3.2	100	30.1	169.1	54.5	5.0	100
LOWEST				21.6	131.3	50.9	0.4	95	8.9	3.8	52.7	23.2	112.8	50.3	0.0	96	19.8	140.7	51.3	0.0	93
CV (%)				6.4	6.6	1.2	121.3	4	3.1	5.6	1.1	5.9	6.3	0.9	117.2	2	7.1	6.7	1.5	113.5	5
LSD (5%)				1.8	9.2	0.6	1.6	4	0.4	0.3	0.9	2.7	11.6	0.6	1.4	3	2.4	14.6	1.1	2.9	7

2 Year Averages 2009 - 2008				TRIAL AVERAGE					% QUALITY			DELTA					MENOMINEE - EARLY				
BRAND / HYBRID	RM	TRT	TRAIT	%H2O	BU/A	Twt	%SL	%Std	Prot	Oil	Strch	%H2O	BU/A	Twt	%SL	%Std	%H2O	BU/A	Twt	%SL	%Std
BAYSIDE 1541RR	81	P250	1	22.7	134.8 *	53.1	2.8	99	9.5	3.7	56.4	26.6	134.5 *	52.0	0.7	100	18.7	135.1	54.3	4.9	99
DEKALB DKC33-54 (RR2)	83	P250	1	19.8	132.6	53.8	3.5	99	8.8	3.7	58.0	21.6	137.1 *	53.7	2.2	99	18.1	128.1	53.8	4.9	99
DEKALB DKC38-89 (VT3)	88	P250	1,2,3	27.1	130.2	51.1	2.4	97	9.1	4.3	56.5	30.5	123.4	50.5	1.8	97	23.7	137.0	51.7	3.0	97
DEKALB DKC41-60 (VT3)	91	P250	1,2,3	28.5	141.8 *	51.0	2.0	99	8.6	4.3	57.1	31.9	136.7 *	49.8	0.2	100	25.2	147.0 **	52.1	3.8	99
DYNAGRO 52V01	87	P250	1,2,3,14	24.7	142.8 **	51.4	2.2	94	9.2	4.1	56.5	28.1	139.0 **	50.7	1.3	95	21.2	146.7 *	52.1	3.0	93
NuTech 1B-887 CB/LL	87	C250	2,4	25.8	139.1 *	51.1	0.6	97	9.4	4.3	56.2	30.2	136.9 *	50.2	0.2	99	21.5	141.2 *	51.9	1.0	96
NuTech 1N-887 CB/LL/RW	87	C250	2,3,4	26.7	138.4 *	50.4	1.0	100	9.2	4.2	56.9	31.6	130.0 *	49.1	0.9	100	21.8	146.9 *	51.7	1.2	100
AVERAGE				25.0	137.1	51.7	2.1	98	9.1	4.1	56.8	28.6	133.9	50.9	1.0	99	21.4	140.3	52.5	3.1	98
HIGHEST				28.5	142.8	53.8	3.5	100	9.5	4.3	58.0	31.9	139.0	53.7	2.2	100	25.2	147.0	54.3	4.9	100
LOWEST				19.8	130.2	50.4	0.6	94	8.6	3.7	56.2	21.6	123.4	49.1	0.2	95	18.1	128.1	51.7	1.0	93
CV (%)				5.4	6.5	1.4	263.6	4	3.6	6.3	1.2	4.9	7.2	1.2	198.5	3	6.2	5.9	1.7	248.1	4
LSD (5%)				1.4	9.0	0.7	4.2	3	0.3	0.3	0.7	1.5	9.4	0.6	1.8	3	1.4	8.7	0.9	5.7	4

** 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	LENAWEE	May 11	Nov. 3	Corn	31,680	30,571	215 - 40 - 40
	BRANCH	May 5	Oct. 28	Soybeans	31,680	31,046	206 - 40 - 40
	CASS	May 5	Nov. 6	Corn	27,720	27,027	257 – 57 – 31 s,zc
Zone 2	KENT	May 19	Nov. 10	Corn	32,472	31,660	160 - 40 - 40
	INGHAM	May 6	Oct. 26	Soybean	31,680	31,046	214 - 40 - 40
	SAGINAW & GR	May 22	Nov. 11	Soybean	32,472	31,335	179 - 40 - 40
Zone 3	HURON & GR	May 23	Nov. 30	Corn	32,076	29,991	146 - 40 - 40
	MONTCALM	May 22	Nov. 24	Corn	31,680	30,571	173 - 16 – 147 s,zc,br
	MONTCALM GR	May 6	Nov. 23	Dry Beans Rye cover	31,680	31,046	191 - 40 - 238
	MASON	May 8	Nov. 7	Soybean Wheat cover	29,700	28,512	143 - 40 - 40
Zone 4	OGEMAW	May 12	Nov. 13	Corn	31,680	31,363	178 - 40 - 40
	GRAND TRAVERSE	May 8	Nov. 7	Corn	31,680	31,046	202 - 40 - 40
	MENOMINEE	May 15	Nov. 16	Corn	31,680	31,046	145 - 40 - 40 + 5K gal Manure
Z5	DELTA	May 15	Nov. 16	Corn	27,720	27,443	131 - 40 - 40

	COUNTY	SOIL TYPE	SOIL TEST	FARM COOPERATOR	LOCATION
Zone 1	LENAWEE	Lenawee Silty Clay loam	pH 6.4 P 84, K 230	Jason Woods	Britton
	BRANCH	Fox Sandy Loam	pH 5.8 P 39, K 117	Kyle Huff	Coldwater
	CASS	Kalamazoo Loam	pH 6.1 P 76, K 222	Dave & Mel Cripe	Cassopolis
Zone 2	KENT	Capac Loam & Blount Loam	pH 6.7 P 114, K 232	Cal-E-View Farm Wayne Rodgers	Caledonia
	INGHAM	Capac Loam	pH 6.3 P 40, K 140	Jorgensen Farms Jerry Jorgensen & Mike Turner	Williamston
	SAGINAW & GR	Shiawassee Gravelly Sandy & Parkhill Loams	pH 6.3 P 74, K 184	Fred Gross Farms Peggy Gross & Dick Birchmeier	New Lothrop
Zone 3	HURON & GR	Kilmanagh Loam	pH 6.8 P 490, K 253	Wil-Le Farms Ron & Ed McCrea	Bad Axe
	MONTCALM	Montcalm & McBride Loamy Sands – Grayling Sand	pH 6.2 P 236, K 213	Sackett Farms Larry Sackett	Stanton
	MONTCALM GR	Montcalm - McBride Sandy Loam	pH 6.2 P 194, K 208	Montcalm Research Farm, MSU	Entrican
	MASON	Fern-Marlette Complex	pH 6.6 P 95, K 110	Robert Oshe	Scottville
Zone 4	OGEMAW	Selkirk Loam	pH 7.9 P 20, K 147	Miller Feeds, Inc. Travis Miller	Prescott
	GRAND TRAVERSE	Karlin Sandy Loam	pH 6.3 P 34, K 121	Ed Breitmeyer	Buckley
	MENOMINEE	Onaway Sandy Loam	pH 7.6 P 57, K 187	Johnson Dairy Farm Dave Johnson	Daggett
Z5	DELTA	Onaway Fine Sandy Loam	pH 7.4 P 93, K 208	Benny Herioux	Bark River

TABLE 6E. HURON, MONTCALM & SAGINAW COUNTY GLYPHOSATE RESISTANT GRAIN TRIALS - EARLY (92 - 98 Day) ZONE 2 - 3

2009				EARLY - TRIAL AVERAGE					% QUALITY			HURON - EARLY					MONTCALM - EARLY					SAGINAW - EARLY				
BRAND / HYBRID	RM	TRT	TRAIT	%H2O	BU/A	Twt	%SL	%Std	Prot	Oil	Strch	%H2O	BU/A	Twt	%SL	%Std	%H2O	BU/A	Twt	%SL	%Std	%H2O	BU/A	Twt	%SL	%Std
BAYSIDE 6094YGCBRR	94	P250	1,2	24.1	193.3	52.9	1.6	91	9.5	5.2	69.3	27.4	177.6	52.0	4.3	86	23.6	208.3	52.8	0.4	88	21.3	193.9	53.8	0.0	98
DEKALB DKC42-72 (VT3)	92	P250	1,2,3	22.7	198.2	53.3	0.8	97	8.8	4.6	69.6	24.6	181.0 *	52.6	0.7	95	23.0	208.4	53.2	1.0	100	20.6	205.1 *	54.2	0.6	95
DEKALB DKC45-79 (VT3)	95	P250	1,2,3	23.8	192.0	52.9	0.6	98	9.0	4.8	69.4	26.9	173.6	51.9	0.6	99	23.5	202.1	52.8	0.3	96	21.0	200.3 *	54.1	0.9	98
DEKALB DKC46-60 (VT3)	96	P250	1,2,3	23.4	187.6	53.1	0.4	98	8.5	4.7	70.2	25.3	168.4	52.3	1.3	97	22.3	201.7	53.5	0.0	99	22.5	192.8	53.5	0.0	99
DEKALB DKC48-37 (VT3)	98	P250	1,2,3	23.5	192.5	53.1	0.9	96	8.3	5.0	70.2	26.0	176.1	52.4	2.3	94	23.3	202.0	53.1	0.3	97	21.2	199.4 *	53.9	0.0	98
DYNAGRO V3883VT3	98	P250	1,2,3	24.7	200.1 *	52.6	1.2	96	9.9	4.8	69.3	27.4	174.8	51.8	0.9	97	24.2	220.9 *	52.7	2.6	95	22.4	204.6 *	53.3	0.0	95
GREAT LAKES 4481G3VT3	94	P250	1,2,3	23.5	203.5 *	53.1	1.6	97	8.6	4.6	69.8	24.9	195.1 **	52.5	1.9	96	23.4	212.4 *	53.1	3.0	97	22.1	203.0 *	53.6	0.0	99
GREAT LAKES 4689G3VT3	96	P250	1,2,3	26.6	197.1	52.0	1.2	99	9.4	4.7	69.8	28.7	178.5 *	51.5	1.5	99	28.2	201.6	51.4	1.9	100	22.9	211.2 *	53.2	0.3	98
GREAT LAKES 4840G3VT3	98	P250	1,2,3	24.8	202.4 *	52.5	0.5	99	8.9	5.0	69.0	27.1	186.7 *	51.9	0.9	97	24.0	207.6	52.6	0.3	100	23.3	212.8 **	53.1	0.3	98
HYLAND SEEDS H9204BRC	92	P250	1,2,3	23.5	190.3	53.2	4.3	98	8.2	4.9	70.4	27.1	161.6	52.0	11.6	96	22.4	208.1	53.5	0.3	100	21.0	201.2 *	54.2	0.9	97
HYLAND SEEDS H9205BRC	95	P250	1,2,3	23.1	183.9	53.2	3.2	98	8.7	4.8	69.9	24.6	139.3	52.5	4.7	97	23.3	211.5	53.1	4.1	100	21.4	200.8 *	54.0	0.7	97
HYLAND SEEDS HLCVR54	92	P250	1,2,3	23.1	208.2 **	53.1	1.0	98	9.3	5.3	69.3	24.9	193.0 *	52.6	2.2	99	24.0	222.1 *	52.6	0.0	100	20.3	209.6 *	54.2	0.7	94
HYLAND SEEDS HLCVR64	97	P250	1,2,3	23.6	194.7	53.1	0.3	99	9.5	4.5	69.9	27.6	174.2	51.8	0.6	99	23.6	213.4 *	52.9	0.0	100	19.7	196.6 *	54.6	0.3	99
HYLAND SEEDS HLCVR68	98	P250	1,2,3	25.3	205.1 *	52.7	2.4	97	8.5	4.7	70.6	29.5	184.8 *	51.7	5.8	96	23.4	228.6 **	53.1	0.7	96	23.1	201.8 *	53.3	0.6	99
LEGACY SEEDS L-3538VT3	95	P250	1,2,3	25.6	193.4	52.2	1.0	95	10.0	5.3	68.6	27.5	185.7 *	51.7	1.0	92	25.4	205.4	52.1	1.0	95	24.0	189.2	52.8	0.9	99
LEGACY SEEDS L-3750VT3	97	P250	1,2,3	24.6	192.1	52.9	2.7	94	8.9	4.6	70.4	28.5	166.7	51.7	3.0	92	23.3	207.3	53.0	4.4	94	22.0	202.2 *	53.9	0.6	97
AVERAGE				24.1	195.9	52.9	1.5	97	9.0	4.8	69.7	26.7	176.1	52.0	2.7	96	23.8	210.1	52.8	1.3	97	21.8	201.5	53.7	0.4	98
HIGHEST				26.6	208.2	53.3	4.3	99	10.0	5.3	70.6	29.5	195.1	52.6	11.6	99	28.2	228.6	53.5	4.4	100	24.0	212.8	54.6	0.9	99
LOWEST				22.7	183.9	52.0	0.3	91	8.2	4.5	68.6	24.6	139.3	51.5	0.6	86	22.3	201.6	51.4	0.0	88	19.7	189.2	52.8	0.0	94
CV (%)				6.3	6.0	1.0	197.4	4	5.5	5.4	1.5	8.4	6.7	1.1	166.9	4	3.3	5.4	0.8	161.1	3	5.3	6.0	1.1	185.5	4
LSD (5%)				1.2	9.5	0.4	2.3	3	0.7	0.4	1.5	3.2	16.9	0.8	6.6	5	1.1	16.2	0.6	2.9	4	1.6	17.2	0.8	1.1	5

2 Year Averages 2009 - 2008				EARLY - TRIAL AVERAGE					% QUALITY			HURON - EARLY					MONTCALM - EARLY					SAGINAW - EARLY				
BRAND / HYBRID	RM	TRT	TRAIT	%H2O	BU/A	Twt	%SL	%Std	Prot	Oil	Strch	%H2O	BU/A	Twt	%SL	%Std	%H2O	BU/A	Twt	%SL	%Std	%H2O	BU/A	Twt	%SL	%Std
BAYSIDE 6094YGCBRR	94	P250	1,2	24.0	205.2 *	52.5	1.0	94	9.1	4.6	63.1	25.6	200.6 *	52.8	2.5	90	25.5	210.2 **	51.0	0.2	94	21.0	204.8	53.6	0.2	97
DEKALB DKC45-79 (VT3)	95	P250	1,2,3	25.0	200.8 *	52.4	0.5	98	8.5	4.2	63.9	26.7	197.4	51.9	0.3	98	27.1	202.6 *	51.3	0.2	98	21.3	202.6	54.2	1.1	97
DEKALB DKC46-60 (VT3)	96	P250	1,2,3	24.2	195.5	52.7	0.6	96	8.3	4.1	64.2	24.9	185.4	52.8	1.4	94.9	25.7	201.7 *	51.6	0.2	96	22.1	199.4	53.5	0.3	96
DYNAGRO V3883VT3	98	P250	1,2,3	26.6	206.7 *	52.2	0.8	93	9.4	4.3	63.5	27.6	207.9 *	51.7	0.6	96.9	29.7	202.7 *	51.3	1.3	88	22.7	209.7 *	53.4	0.5	93
GREAT LAKES 4481G3VT3	94	P250	1,2,3	23.7	205.0 *	53.3	1.5	90	8.2	4.1	64.2	24.2	209.5 **	53.3	2.6	90	25.9	200.3 *	52.0	1.5	88	20.9	205.0	54.7	0.5	93
GREAT LAKES 4689G3VT3	96	P250	1,2,3	27.9	209.0 **	51.8	0.8	96	9.2	4.5	63.5	28.1	208.7 *	51.8	1.1	97	31.9	200.3 *	50.5	1.0	95	23.6	217.8 **	53.0	0.3	95
HYLAND SEEDS HLCVR54	92	P250	1,2,3	24.3	206.6 *	52.3	0.8	97	8.8	4.5	63.5	24.6	201.6 *	52.9	1.7	97	27.3	207.9 *	50.6	0.0	100	20.9	210.3 *	53.5	0.7	95
LEGACY SEEDS L-3750VT3	97	P250	1,2,3	25.6	201.9 *	52.6	1.9	95	8.4	4.2	64.6	27.5	193.9	52.0	2.3	93	27.1	206.2 *	51.8	2.2	97	22.3	205.7	54.0	1.3	96
AVERAGE				25.2	203.8	52.5	1.0	95	8.7	4.3	63.8	26.1	200.6	52.4	1.6	95	27.5	204.0	51.3	0.8	94	21.8	206.9	53.8	0.6	95
HIGHEST				27.9	209.0	53.3	1.9	98	9.4	4.6	64.6	28.1	209.5	53.3	2.6	98	31.9	210.2	52.0	2.2	100	23.6	217.8	54.7	1.3	97
LOWEST				23.7	195.5	51.8	0.5	90	8.2	4.1	63.1	24.2	185.4	51.7	0.3	90	25.5	200.3	50.5	0.0	88	20.9	199.4	53.0	0.2	93
CV (%)				5.3	5.7	1.0	178.5	3.8	4.8	6.1	1.4	6.4	6.3	1.1	151.2	4.4	4.3	5.6	0.8	172.8	4.0	4.5	5.4	1.1	162.0	2.9
LSD (5%)				1.3	11.3	0.5	2.1	3.6	0.4	0.3	0.9	1.7	11.9	0.6	3.3	4.2	1.1	11.5	0.4	1.5	3.8	1.0	10.9	0.6	1.0	2.7

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

TABLE 6L. HURON, MONTCALM & SAGINAW COUNTY GLYPHOSATE RESISTANT GRAIN TRIALS - LATE (99 - 105 Day) ZONE 2 - 3

2009				LATE - TRIAL AVERAGE					% QUALITY			HURON - LATE					MONTCALM - LATE					SAGINAW - LATE				
BRAND / HYBRID	RM	TRT	TRAIT	%H2O	BU/A	Twt	%SL	%Std	Prot	Oil	Strch	%H2O	BU/A	Twt	%SL	%Std	%H2O	BU/A	Twt	%SL	%Std	%H2O	BU/A	Twt	%SL	%Std
BAYSIDE 5100RR	100	P250	1	29.8	197.5	51.6	0.8	97	9.9	5.0	68.6	35.2	187.4 *	50.7	0.3	99	30.6	202.1	51.4	1.9	99	23.7	203.0 *	52.8	0.3	93
DEKALB DKC50-35 (VT3)	100	P250	1,2,3	27.7	194.7	51.8	0.3	96	9.3	5.5	68.4	31.3	171.6	51.1	0.3	92	26.3	212.7	52.1	0.7	98	25.6	199.7 *	52.2	0.0	97
DEKALB DKC50-44 (VT3)	100	P250	1,2,3	27.4	196.2	51.9	1.7	97	8.8	4.6	70.0	31.6	189.8 *	51.1	2.9	95	26.1	208.6	52.1	1.9	99	24.6	190.1	52.6	0.3	99
DEKALB DKC50-66 (VT3)	100	P250	1,2,3	25.3	205.3 *	52.5	0.2	99	8.9	4.8	69.3	29.0	191.6 *	51.5	0.7	96	24.4	220.5	52.5	0.0	100	22.6	203.7 *	53.4	0.0	100
DEKALB DKC51-13 (VT3)	101	P250	1,2,3	27.7	188.9	51.8	0.8	93	8.8	5.0	69.1	30.4	180.7	51.2	1.3	94	27.7	199.1	51.7	0.3	95	24.9	187.0	52.4	0.9	92
DEKALB DKC52-59 (VT3)	102	P250	1,2,3	26.2	211.3 **	52.3	2.0	99	9.0	4.5	70.3	31.2	201.4 **	51.2	5.0	99	25.0	218.9	52.3	0.7	99	22.3	213.5 **	53.5	0.3	99
DEKALB DKC54-16 (VT3)	104	P250	1,2,3	29.9	198.6	51.5	1.3	98	9.5	4.8	69.2	33.2	188.2 *	50.9	1.9	98	30.2	212.7	51.4	1.3	97	26.3	194.8	52.1	0.6	100
DEKALB DKC55-07 (VT3)	105	P250	1,2,3	31.9	202.3	50.9	2.5	95	10.2	4.6	69.1	33.6	197.7 *	50.7	4.8	94	32.4	198.4	50.8	2.3	96	29.7	210.7 *	51.3	0.3	95
DYNAGRO CX09104	104	P250	1,2,3	30.7	194.8	51.3	0.6	98	9.9	4.7	69.4	33.1	187.3 *	50.9	0.7	95	32.1	207.4	51.0	0.7	99	27.0	189.6	52.0	0.3	98
GREAT LAKES 4951G3VT3	99	P250	1,2,3	28.7	190.8	51.6	2.8	97	9.0	4.9	69.6	30.8	186.7 *	51.2	2.9	96	29.2	199.0	51.4	2.5	100	26.0	186.6	52.2	2.9	94
GREAT LAKES 5306G3VT3	103	P250	1,2,3	30.0	202.8 *	51.4	0.4	99	9.5	4.7	69.8	32.7	197.5 *	50.9	1.0	98	30.4	205.2	51.3	0.3	100	26.9	205.6 *	52.0	0.0	99
GREAT LAKES 5416G3VT3	104	P250	1,2,3	31.5	189.2	51.2	2.0	97	10.2	4.5	69.2	33.9	162.4	50.9	4.2	95	29.8	215.4	51.3	0.7	100	30.9	189.7	51.3	1.0	95
HYLAND SEEDS HLB49R	101	P250	1,2,4	29.1	185.5	51.5	1.1	94	9.6	4.6	69.8	31.6	169.0	51.1	1.8	87	30.4	199.8	51.3	1.0	99	25.4	187.6	52.2	0.4	96
HYLAND SEEDS HLCVR72	99	P250	1,2,3	25.3	188.0	52.6	1.0	97	9.3	5.2	68.9	28.4	177.3	51.6	1.9	96	24.5	213.8	52.8	0.7	99	23.0	172.9	53.3	0.3	97
HYLAND SEEDS HLCVR74	101	P250	1,2,3	30.2	190.7	51.3	0.7	99	10.0	5.2	68.3	34.4	176.4	50.7	1.5	100	29.4	195.4	51.6	0.7	99	26.7	200.3 *	51.7	0.0	99
LEGACY SEEDS L-4009HXTRR	100	P250	1,2,3,4	30.1	185.0	51.3	1.3	96	9.5	4.6	70.3	33.8	170.9	50.9	2.8	96	28.2	201.3	51.7	1.0	98	28.4	182.8	51.4	0.0	94
AVERAGE				28.8	195.1	51.7	1.2	97	9.4	4.8	69.3	32.1	183.5	51.0	2.1	96	28.5	206.9	51.7	1.0	99	25.9	194.8	52.3	0.5	97
HIGHEST				31.9	211.3	52.6	2.8	99	10.2	5.5	70.3	35.2	201.4	51.6	5.0	100	32.4	220.5	52.8	2.5	100	30.9	213.5	53.5	2.9	100
LOWEST				25.3	185.0	50.9	0.2	93	8.8	4.5	68.3	28.4	162.4	50.7	0.3	87	24.4	195.4	50.8	0.0	95	22.3	172.9	51.3	0.0	92
CV (%)				5.2	5.5	0.8	110.5	4	4.3	5.1	1.1	5.7	5.7	0.5	91.1	5	4.2	4.6	0.7	106.3	3	5.4	6.1	1.1	137.8	5
LSD (5%)				1.2	8.6	0.3	1.1	3	0.6	0.3	1.1	2.6	14.8	0.3	2.7	7	1.7	13.6	0.5	1.5	4	2.0	17.0	0.8	0.9	7

2 Year Averages 2009 - 2008				LATE - TRIAL AVERAGE					% QUALITY			HURON - LATE					MONTCALM - LATE					SAGINAW - LATE				
BRAND / HYBRID	RM	TRT	TRAIT	%H2O	BU/A	Twt	%SL	%Std	Prot	Oil	Strch	%H2O	BU/A	Twt	%SL	%Std	%H2O	BU/A	Twt	%SL	%Std	%H2O	BU/A	Twt	%SL	%Std
DEKALB DKC50-44 (VT3)	100	P250	1,2,3	26.9	206.4	51.6	1.2	97	8.4	3.9	64.4	29.2	213.6	51.3	1.8	97	27.5	199.8 *	51.0	1.3	97	24.0	205.7	52.6	0.5	97
DEKALB DKC52-59 (VT3)	102	P250	1,2,3	26.3	220.6 **	51.5	1.3	99	8.6	4.0	64.0	29.7	226.2 **	50.9	2.8	99	25.9	210.1 **	50.9	0.3	100	23.5	225.5 **	52.6	0.7	97
DEKALB DKC54-16 (VT3)	104	P250	1,2,3	29.0	207.2	50.9	0.8	97	8.7	4.3	63.9	31.4	211.7	50.1	1.1	98	29.9	204.1 *	50.7	0.7	98	25.8	205.8	51.8	0.6	96
GREAT LAKES 4951G3VT3	99	P250	1,2,3	28.8	196.3	51.5	2.0	88	8.9	4.3	63.9	29.2	198.8	51.1	2.5	90	32.5	187.8	50.9	1.3	83	24.7	202.3	52.6	2.2	92
GREAT LAKES 5306G3VT3	103	P250	1,2,3	29.5	201.7	50.9	0.5	96	9.1	4.1	64.5	31.8	209.8	50.4	1.0	96	30.8	191.1	50.2	0.2	97	25.9	204.1	52.2	0.2	96
GREAT LAKES 5416G3VT3	104	P250	1,2,3	31.8	203.3	50.5	1.4	96	9.6	4.1	63.5	33.4	200.7	50.1	2.6	97	32.1	200.9 *	50.4	0.7	98	29.9	208.2	51.0	0.8	93
HYLAND SEEDS HLB49R	101	P250	1,2,4	29.3	200.0	50.9	1.1	96	8.9	4.2	64.1	30.9	199.4	50.7	1.5	93	30.3	199.5 *	50.6	1.0	99	26.8	201.1	51.4	0.8	95
HYLAND SEEDS HLCV72	99	P250	1,2,3	26.4	198.3	52.3	1.7	96	9.1	4.6	63.1	27.6	195.8	51.8	3.7	95	28.4	207.5 *	51.7	0.6	98	23.2	191.7	53.4	0.9	94
HYLAND SEEDS HLCV74	101	P250	1,2,3	31.0	202.3	50.4	0.7	98	9.7	4.7	62.3	32.6	205.4	50.0	1.1	99	33.5	194.3	49.9	0.6	98	26.9	207.1	51.3	0.4	97
AVERAGE				28.8	204.0	51.2	1.2	96	8.8	4.1	64.0	30.6	206.8	50.7	2.0	96	30.1	199.5	50.7	0.7	96	25.6	205.7	52.1	0.8	95
HIGHEST				31.8	220.6	52.3	2.0	99	9.6	4.3	64.4	33.4	226.2	51.8	3.7	99	33.5	210.1	51.7	1.3	100	29.9	225.5	53.4	2.2	97
LOWEST				26.3	196.3	50.4	0.5	88	8.4	3.9	63.5	27.6	195.8	50.0	1.0	90	25.9	187.8	49.9	0.2	83	23.2	191.7	51.0	0.2	92
CV (%)				5.6	5.4	1.1	108.0	4	3.9	5.6	1.2	5.0	5.8	0.7	87.7	4	6.5	5.4	1.3	101.2	3	5.0	5.1	1.2	160.1	4
LSD (5%)				1.6	10.7	0.5	1.2	4	0.4	0.3	0.8	1.6	11.2	0.3	1.6	4	1.9	11.0	0.6	0.9	3	1.3	10.2	0.6	0.9	4

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

HYBRID INDEX FOR GRAIN TRIALS

The 271 hybrids submitted for testing by 23 seed companies (24 brand names) resulted in 440 individual entries in the 2009 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	RM	Table
AGRIGOLD A6220VT3	98	2E
AGRIGOLD A6225VT3	98	2E
AGRIGOLD A6279VT3	101	2E
AGRIGOLD A6309VT3	103	2L
AGRIGOLD A6320VT3	103	1E,2L
AGRIGOLD A6323CL	103	1E
AGRIGOLD A6325VT3	104	1E,2L
AGRIGOLD A6450Bt	109	1L
AGRIGOLD A6458VT3	109	1L
AGRIGOLD A6489VT3	111	1L

BAYSIDE		
BAYSIDE Super 80	80	4,5
BAYSIDE Super 93	93	2E
BAYSIDE 1541RR	81	4,5
BAYSIDE 3784GTCBLL	84	2E
BAYSIDE 6094YGCBRR	94	2E,3E,6E
BAYSIDE 6094VT3	94	2E
BAYSIDE 6096	96	3E
BAYSIDE 5100RR	100	2E,3L,6L

BECK		
BECK 4609HXR™*	100	1E
BECK 5135HXR™*	104	1E
BECK 5244VT3™*	106	1E
BECK 5335HXR™*	109	1L
BECK 5354HXR™*	107	1E
BECK 5444VT3	109	1L
BECK 5442VT3	110	1L

™* Brand is distributed by Beck's Superior Hybrids Inc.

CHANNEL		
CHANNEL 193-45R Brand	93	3E
CHANNEL 195-46VT3 Brand	95	3E
CHANNEL 197-14VT3 Brand	97	3E
CHANNEL 199-55VT3 Brand	99	2E
CHANNEL 200-2LVT3 Brand	100	2E
CHANNEL 202-83VT3 Brand	102	3L
CHANNEL 207-07VT3 Brand	107	1E,2L
CHANNEL 209-19VT3 Brand	109	1L
CHANNEL 210-57VT3 Brand	110	1L

CROPLAN		
CROPLAN 3424VT3	94	3E
CROPLAN 4338VT3	100	2E
CROPLAN 4801VT3	101	2E
CROPLAN 5338VT3	103	2L

DAIRYLAND	RM	Table
DAIRYLAND STEALTH-9286	86	3E
DAIRYLAND STEALTH-9789	89	4
DAIRYLAND STEALTH-7891	91	3E,4
DAIRYLAND STEALTH-6992	92	3E
DAIRYLAND STEALTH-9196	96	2E,3E
DAIRYLAND STEALTH-9597Q	97	2E,3E
DAIRYLAND STEALTH-9799	99	2E,3L
DAIRYLAND STEALTH-9006	106	1E,2L
DAIRYLAND STEALTH-9206Q	106	1E,2L
DAIRYLAND STEALTH-9208Q	108	1L,2L
DAIRYLAND STEALTH-9810	110	1L
DAIRYLAND STEALTH-9009	110	1L

DEKALB		
DEKALB DKC30-23 (RR2)	80	5
DEKALB DKC33-54 (RR2)	83	4,5
DEKALB DKC36-34 (VT3)	86	4,5
DEKALB DKC38-89 (VT3)	88	4,5
DEKALB DKC40-20 (VT3)	90	4,5
DEKALB DKC41-60 (VT3)	91	4,5
DEKALB DKC42-72 (VT3)	92	2E,3E,4,5,6E
DEKALB DKC45-79 (VT3)	95	2E,3E,6E
DEKALB DKC46-60 (VT3)	96	2E,3E,6E
DEKALB DKC48-37 (VT3)	98	2E,3L,6E
DEKALB DKC50-35 (VT3)	100	2E,3L,6L
DEKALB DKC50-44 (VT3)	100	2E,3L,6L
DEKALB DKC50-66 (VT3)	100	2E,3L,6L
DEKALB DKC51-13 (VT3)	101	2E,3L,6L
DEKALB DKC52-59 (VT3)	102	1E,2L,3L,6L
DEKALB DKC54-16 (VT3)	104	1E,2L,3L,6L
DEKALB DKC55-07 (VT3)	105	1E,2L,3L,6L
DEKALB DKC55-24 (VT3)	105	1E
DEKALB DKC55-64 (VT3)	105	1E
DEKALB DKC57-50 (VT3)	107	1E
DEKALB DKC59-35 (VT3)	109	1L
DEKALB DKC59-64 (VT3)	109	1L
DEKALB DKC60-51 (VT3)	110	1L
DEKALB DKC61-19 (VT3)	111	1L
DEKALB DKC61-69 (VT3)	111	1L

DYNAGRO		
DYNAGRO 51V45	82	5
DYNAGRO 52V01	86	4,5
DYNAGRO 54V78	96	2E,3E
DYNAGRO 56R29	106	1E
DYNAGRO 57V40	111	1L
DYNAGRO 57V98	110	1L
DYNAGRO CX08287	87	4,5
DYNAGRO CX09104	104	1E,2L,3L,6L
DYNAGRO CX09892	92	3E,4
DYNAGRO V3883VT3	98	2E,3L,6E
DYNAGRO V4393VT3	103	2L,3L
DYNAGRO V4993VT3	109	1L

G2 GENETICS	RM	Table
G2 GENETICS 5X-591 RR/HXT	88	4,5
G2 GENETICS 1X-795 HXT/LL	95	3E
G2 GENETICS 5H-999B RR/HX	97	3E
G2 GENETICS 5H-199 RR/HX	97	3E
G2 GENETICS 5H-797 RR/HX	97	3E
G2 GENETICS 5H-999 RR/HX	97	2E,3E
G2 GENETICS 5H-999A RR/HX	99	3L
G2 GENETICS 5H-700B RR/HX	100	2E,3L
G2 GENETICS 5X-000 RR/HXT	100	2E
G2 GENETICS 5H-501 RR.HX	101	2E,3L
G2 GENETICS 5H-702 RR/HX	101	2E,3L
G2 GENETICS 5X-802 RR/HXT	101	2E,3L
G2 GENETICS 1H-005 HX/LL	105	1E,2L,3L
G2 GENETICS 1H-005A HX/LL	105	1E,2L
G2 GENETICS 5H-005 RR/HX	105	1E,3L
G2 GENETICS 5H-905 RR/HX	105	1E,2L3L
G2 GENETICS 5X-905 RR/HXT	105	1E
G2 GENETICS 5H-506 RR/HX	106	1E,2L
G2 GENETICS 5H-906 RR/HX	106	3L
G2 GENETICS 5H-007 RR/HX	107	1E,2L
G2 GENETICS 5H-007A RR/HX	107	1E,2L
G2 GENETICS 5X-707 RR/HXT	107	1E,2L
G2 GENETICS 5H-909 RR/HX	109	1L
G2 GENETICS 5X-909 RR/HXT	109	1L
G2 GENETICS 1X-911 HXT/LL	110	1L
G2 GENETICS 5H-210 RR/HX	110	1L
G2 GENETICS 5X-711 RR/HXT	111	1L

GREAT LAKES		
GREAT LAKES 4041G3VT3	90	4
GREAT LAKES 4415G3VT3	94	4
GREAT LAKES 4481G3VT3	94	3E,4,6E
GREAT LAKES 4689G3VT3	96	2E,3E,6E
GREAT LAKES 4840G3VT3	98	2E,3L,6E
GREAT LAKES 4951G3VT3	99	2E,3L,6L
GREAT LAKES 5306G3VT3	103	1E,2L,6L
GREAT LAKES 5416G3VT3	104	2L,6L
GREAT LAKES 5450	104	1E
GREAT LAKES 5506G3VT3	105	1E
GREAT LAKES 5939G3VT3	109	1L

HYLAND SEEDS		
HYLAND SEEDS H9204BRC	92	3E,6E
HYLAND SEEDS H9205BRC	95	3E,6E
HYLAND SEEDS HLB32R	86	5
HYLAND SEEDS HLB49R	101	2E,3L,6L
HYLAND SEEDS HLCVR36	87	5
HYLAND SEEDS HLCVR54	92	3E,4,6E
HYLAND SEEDS HLCVR64	97	2E,3E,6E
HYLAND SEEDS HLCVR68	98	2E,3L,6E
HYLAND SEEDS HLCVR72	99	2E,3L,6L
HYLAND SEEDS HLCVR74	101	2E,3L,6L

LEGACY SEEDS	RM	Table
LEGACY SEEDS L-3538VT3	95	2E,3E,6E
LEGACY SEEDS L-3750VT3	97	2E,3E,6E
LEGACY SEEDS L-4009HXTRR	100	2E,3L,6L
LEGACY SEEDS L-4258VT3	102	2L
LEGACY SEEDS L-4938VT3	105	2L
LEGACY SEEDS L-5350GTCBLL	104	2L

M&W SEEDS		
M&W SEEDS 47G51	94	3E
M&W SEEDS 46T85	98	3L
M&W SEEDS 45A17	100	2E
M&W SEEDS 46M97	101	2E,3L
M&W SEEDS 45H89	105	1E,2L
M&W SEEDS 44B23	106	1E
M&W SEEDS 44K74	107	1E

MYCOGEN		
MYCOGEN 2T2L0	86	4
MYCOGEN 2J337	92	4
MYCOGEN 2M495	99	2E
MYCOGEN 2Y547	103	2L
MYCOGEN 2G611	105	1E
MYCOGEN 2E696	110	1L

NK Brand		
NK Brand N29A	92	2E,3E
NK Brand N34N	95	2E,3E
NK Brand N39Z	98	2E,3L
NK Brand N48S	103	2L,3L
NK Brand N52A	104	2L,3L
NK Brand N53W	104	1E,2L,3L
NK Brand N64Z	109	1L
NK Brand N68B	110	1L

NuTech		
NuTech 1B-887 CB/LL	87	5
NuTech 1N-887 CB/LL/RW	87	4,5
NuTech 3C-889 RR/YGCB	89	4,5
NuTech 1B-290 CB/LL	90	4
NuTech 3A-690 GT	90	4
NuTech 3T-393 VT3	93	3E
NuTech 3T-894 VT3	94	3E,4
NuTech 3T-295 VT3	95	3E,4
NuTech 3T-098 VT3	97	2E,3E
NuTech 3T-098B VT3	97	3E
NuTech 3A-198 GT	97	3E
NuTech 5N-398 GT/CB/LL/RW	97	2E,3E
NuTech 3T-300 VT3	100	2E,3L
NuTech 3T-600 VT3	100	2E,3L
NuTech 1N-001 CB/LL/RW	101	2E,3L
NuTech IB-202 CB/LL	101	2E
NuTech 3T-302 VT3	101	2E,3L
NuTech 3T-601 VT3	101	3L
NuTech 3T-603 VT3	103	2L,3L
NuTech 2A-804 CL	104	2L,3L
NuTech 3A-804 GT	104	1E
NuTech 3T-904 VT3	104	1E,2L
NuTech 5B-804 GT/CB/LL	104	1E,2L
NuTech 3T-106 VT3	106	1E,2L
NuTech 3T-706 VT3	106	1E,2L
NuTech 1N-309 CB/LL/RW	109	1L
NuTech 5N-809 GT/CB/LL/RW	109	1L
NuTech 3T-013 VT3	110	1L
NuTech 3T-110 VT3	110	1L
NuTech 3T-310 VT3	110	1L
NuTech 3A-811A RR	111	1L
NuTech 3T-512 VT3	112	1L

PIONEER	RM	Table
PIONEER 39V07	80	5
PIONEER 39B23	88	5
PIONEER 38N88	92	3E,4
PIONEER 38M60	94	3E,4
PIONEER 38P43	95	3E,4
PIONEER 37Y14	99	2E,3L
PIONEER 37K11	99	2E,3L
PIONEER 36V53	102	2L,3L
PIONEER 35F40	105	1E,2L,3L
PIONEER 35K04	106	1E,2L
PIONEER 34R67	109	1L
PIONEER 34F97	111	1L

RENK		
RENK RK212CBLL	82	4,5
RENK RK292GTCBLL	85	4,5
RENK RK302CBLL	87	4,5
RENK RK434RRYGCB	92	3E,4
RENK RK501VT3	95	3E
RENK RK563CBLLRW	96	3E
RENK RK570VT3	95	3E
RENK RK594GTCBLLRW	100	2E,3L
RENK RK670VT3	102	2E,3L
RENK RK616VT3	100	3L
RENK RK686VT3	103	2L,3L
RENK RK698VT3	103	2L,3L
RENK RK711RRHXTRA	107	1E,2L
RENK RK744VT3	107	1E,2L
RENK RK760VT3	106	1E,2L
RENK RK82LVT3	110	1L
RENK RK848RR	111	1L
RENK RK829VT3	112	1L
RENK RK844VT3	112	1L

RUPP		
RUPP 8XP10A	111	1L
RUPP 8XP52A	103	1E,2L
RUPP 8XP57A	102	1E
RUPP 8XP58A	100	2E
RUPP 8XP65A	108	1L
RUPP XR1588	100	2E
RUPP XR1791	109	1L
RUPP XR8002	94	2E
RUPP XR8013	107	1E
RUPP XR8015	110	1L
RUPP XR8439	105	1E
RUPP XR8534	104	1E,2L
RUPP XR8752	96	2E
RUPP XR8873	107	1E

STEWART SEEDS	RM	Table
STEWART SEEDS 4T435	93	2E
STEWART SEEDS 4T458	95	2E
STEWART SEEDS 4T918	98	2E
STEWART SEEDS 5T429	101	2E
STEWART SEEDS 6T538	106	1E,2L
STEWART SEEDS 6T672	107	1E
STEWART SEEDS 6T725	107	1E,2L
STEWART SEEDS 7T285	108	1L
STEWART SEEDS 7T618	109	1L
STEWART SEEDS 7T875	111	1L
STEWART SEEDS 7T945	111	1L

TRELAY		
TRELAY 4RR455	95	2E,3E
TRELAY 4VT741	96	2E,3E
TRELAY 5VT323	99	3L
TRELAY 5T128	101	2L,3L
TRELAY 7T668	108	1L
TRELAY 7RR162	108	1L
TRELAY 7T630	110	1L
TRELAY 7VT493	110	1L

UNITY SEEDS		
UNITY SEEDS 4490VT3	90	3E
UNITY SEEDS 4496VT3	96	2E,3E
UNITY SEEDS 4502VT3	102	2L
UNITY SEEDS 4504VT3	104	1E

WELLMAN		
WELLMAN W2000VT3	100	1E,2E
WELLMAN W2002VT3	102	1E,2L
WELLMAN W2004VT3	104	1E,2L
WELLMAN W2007VT3	107	1E,2L
WELLMAN W2008VT3	108	1L,2L
WELLMAN W2010VT3	110	1L,2L
WELLMAN W2108VT3	108	1L,2L
WELLMAN W2706	106	1E,2L
WELLMAN W2810VT3	110	1L,2L

POSTEMERGENCE HERBICIDE APPLICATIONS IN CORN – IT'S ALL ABOUT TIMING

Wesley J. Everman
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The development of stacked trait technology and the increased interest in herbicide tolerant corn has led to an increase in postemergence herbicide applications for weed control. Postemergence programs without a residual herbicide applied at planting have their place, and can provide excellent season long weed control. However, important considerations that should be made include timing, herbicide resistance, and management strategies.

First, let's quickly discuss herbicide resistance and the role postemergence programs can play in delaying or speeding up the expression of resistance in a field. It is commonly believed that there are resistant genes present in most weeds, only at a very low frequency that may never be noticed. The reliance on a single mode of action will increase the selection pressure for those plants that are resistant, increasing the frequency of expression, resulting in a field population resistant to the herbicide being used. Utilizing multiple modes of action for each weed will reduce the chance of developing resistance. Therefore, it is important to rotate your herbicide modes of action as you rotate crops, or apply multiple modes of action in a season through preemergence and postemergence herbicides.

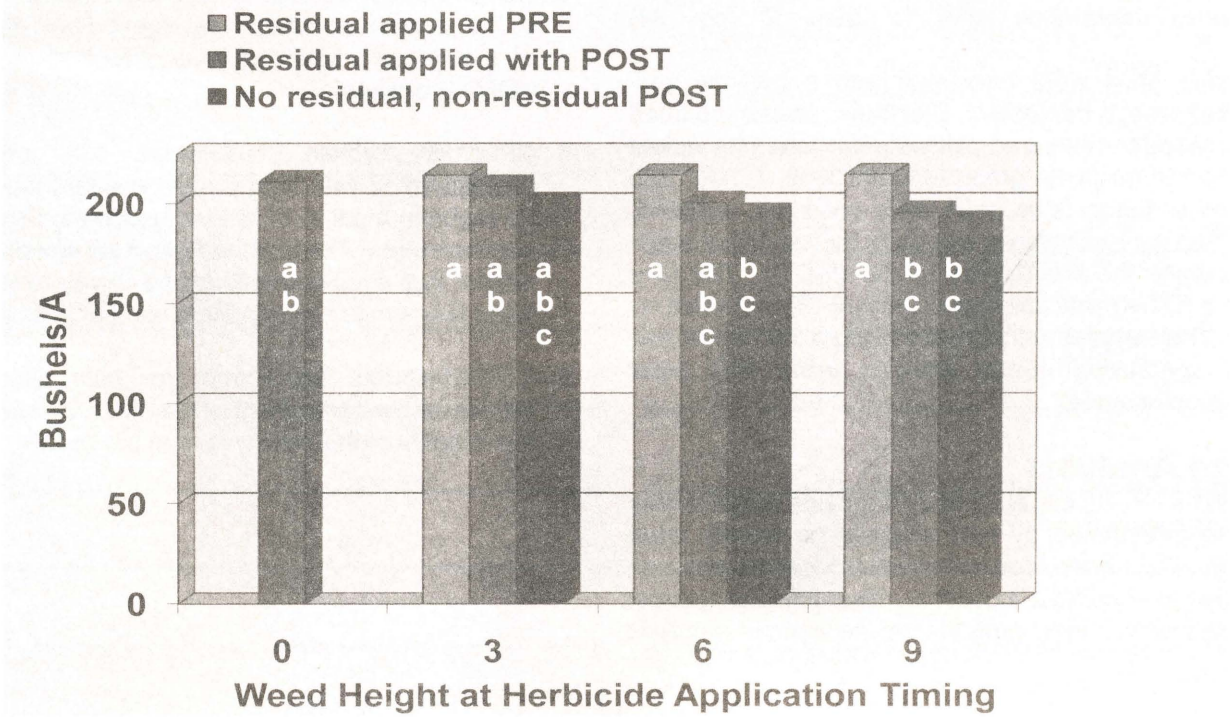
Postemergence only herbicide programs have become increasingly common due to flexibility of application, broad spectrum weed control, and low cost. A study was begun at Michigan State in 2004 to investigate the effects of postemergence timing on weed control and corn yield. The study included treatments of glyphosate or glufosinate (both non-selective herbicides) applied postemergence to weeds at 3, 6, or 9 inches, either alone or tank-mixed with an acetamide plus atrazine premix herbicide such as Harness Xtra or Bicep II Magnum. The study also included a 2-pass system using the acetamide plus atrazine herbicide preemergence followed by a postemergence application of either glyphosate or glufosinate on 3, 6, or 9 inch weeds. The study has been repeated for 5 seasons, with a wide range of weather conditions, and the results are quite clear on the impact application timing can have on weed control and corn yield.

When averaged over the 5 years of the study as shown in Figure 1, the highest yields and greatest weed control were observed where a residual herbicide was applied preemergence and followed by either glyphosate or glufosinate postemergence. Excellent weed control was also observed when a residual herbicide was applied with the glyphosate or glufosinate postemergence when weeds were 3 to 4 inches in height. The residual herbicides extended the window of control and resulted in overall greater yields. Some of the greatest weed control was observed when postemergence applications were made when weeds were 9 inches, delaying the application closer to canopy and controlling later emerging weeds; however significant yield reductions were observed.

Corn yields decreased as the postemergence timing was delayed, whether or not a residual herbicide was included, which shows the competitive ability of early season weeds. Corn yields were lower for all total postemergence treatments (with or without a residual herbicide tank-mix partner) compared to those that had a residual herbicide applied at planting. A 19 to 24 bushel per acre yield reduction was observed when postemergence herbicides were applied to 9 inch weeds compared to a 2-pass program. When comparing total postemergence timings, yields were reduced 13 bushels per acre when the application was delayed from 3 inch weeds to 9 inch weeds when a residual herbicide was included. If no residual herbicide was used, there was a 5 bushel per acre yield reduction as the application timing was delayed from 3 to 6 inch weeds, and also from 6 to 9 inch weeds, resulting in a 10 bushel yield reduction when the postemergence application was made on 9 inch weeds.

In the spring it is easy for weeds to get away from you. It only takes a few days for weeds to germinate and grow an inch, and in good growing conditions weeds can grow several inches in a couple of days. Add to the mix some timely rains and your weeds jump to 7-8 inches before you can cover all your fields. The most effective weed management program will include residual herbicides either preemergence or postemergence, with postemergence applications being made to 3 inch weeds or smaller to avoid a yield reduction. Postemergence only programs with no residual herbicide may need multiple applications to ensure maximum weed control and yields. Now is the time to begin planning your weed control program for 2010. Consider utilizing preemergence herbicides on some acres as yield insurance, be sure to make your postemergence applications in a timely manner, and include an additional mode of action when possible. Visit www.msuweeds.com to look at commercial comparisons, research results, and weed control recommendations.

Figure 1. Corn Yield Impacts of Herbicide Timing



2009
SILAGE PERFORMANCE TRIALS

Introduction

One Ohio and nine Michigan locations across five maturity zones (see map) contained 17 silage trials. The silage index (pg. 35) contains the list of 110 hybrids submitted by 18 seed companies (19 brand names) totaling 125 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 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)

Hybrids are reported in alphabetical order in each of the tables. 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. 34)

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. STRCH=starch. Starch from the grain, along with the digestible component of the fiber, accounts for the majority of the energy in corn silage.

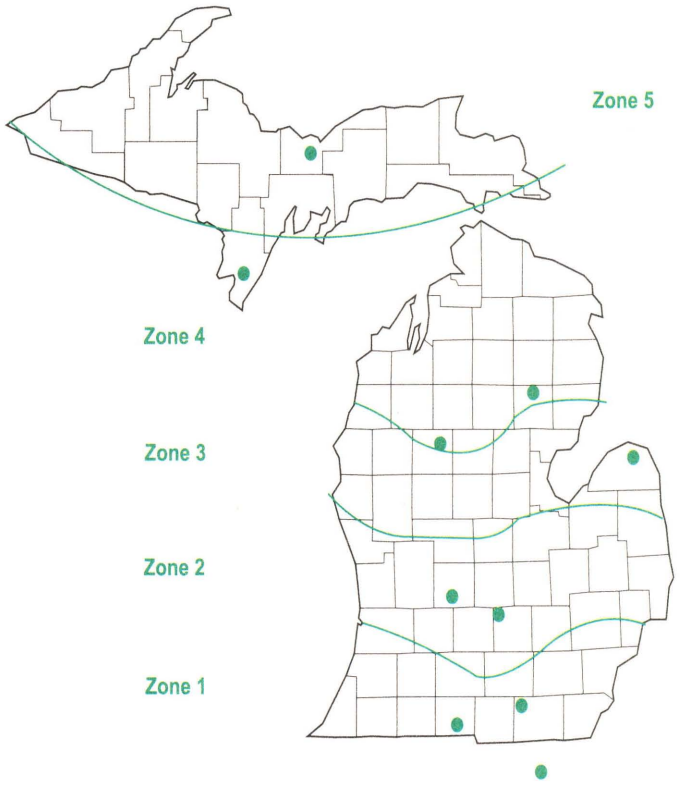
Silage quality traits are reported on a dry matter basis (100 percent DM). Quality traits in these tables are intended for use in hybrid selection only. Analysis for the balancing of feed rations should be analyzed from hybrids grown on each individual farm.

MILK2006

An updated calculation using the MILK2006 equation (UW-Madison Dairy Science Department) was used to estimates 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:

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

2009 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	May 5	Sept. 21,28	Soybeans	34,860	34,119	206 - 40 - 40
	LENAWEE	May 11	Sept. 19,/23	Soybeans	34,816	33,771	143 - 40 - 40
	WOOD (OHIO)	May 22	Sept. 3,5	Soybeans	32,600	30,778	210 - 40 - 40
Zone 2	KENT	May 19	Sept, 22,30	Corn	34,816	33,145	160 - 40 - 40
	INGHAM	May 12	Sept. 18,25	Soybeans	34,816	31,578	160 - 40 - 40
	HURON	May 23	Oct. 12,13	Corn	32,768	31,293	146 - 40 - 40
Zone 4	OGEMAW	May 12	Oct. 5	Corn	28,672	28,643	178 - 40 - 40
	OSCEOLA	May 8	Oct. 5	Corn	30,720	30,290	160 - 40 - 40
	MENOMINEE	May 15	Sept. 26, Oct 7	Corn	33,792	32,170	145 - 40 - 40 + 5K gal Manure
Z5	ALGER	May 15	Oct. 7	Canola	32,768	32,047	160 - 40 - 40

	COUNTY	SOIL TYPE	SOIL TEST	FARM COOPERATOR	LOCATION
Zone 1	BRANCH	Fox Sandy Loam	pH 5.8 P 39, K 117	Kyle Huff	Coldwater
	LENAWEE	Blount Loam	pH 7.3 P 98, K 163	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 & Blount Loam	pH 6.7 P 114, K 232	Cal-E-View Farm Wayne Rodgers	Caledonia
	INGHAM	Capac Loam	pH 7.0 P 69, K 184	Crop & Soil Sciences Research Facility, MSU	East Lansing
	HURON	Kilmanagh Loam	pH 6.8 P 490, K 253	Wil-Le Farms Ron & Ed McCrea	Bad Axe
Zone 4	OGEMAW	Selkirk Loam	pH 7.9 P 20, K 147	Miller Feeds, Inc. Travis Miller	Prescott
	OSCEOLA	Isabella Loam	pH 6.8 P 119, K 195	Robert E. Lee	Marion
	MENOMINEE	Onaway Sandy Loam	pH 7.6 P 57, K 187	Johnson Dairy Farm Dave Johnson	Daggett
Z5	ALGER	Eben Very Cobbly Sandy Loam	pH 7.6 P 80, K 116	Chatham Research Station, MSU	Chatham

SILAGE HYBRID INDEX

The 108 hybrids submitted for testing by 18 seed companies (19 brand names) resulted in 125 individual entries in the 2009 Michigan Corn Performance Trials for silage. The map of Michigan (page 33) 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

	RM	TABLE
AGRIGOLD		
AGRIGOLD A6394VT3	107	7E
AGRIGOLD A6459VT3	109	7E
AGRIGOLD A6489VT3	111	7L
AGRIGOLD A6533VT3	113	7L
BECK		
BECK 5335HXR™*	109	7E
BECK 5442VT3	110	7E
BECK 5668™*	111	7L
BECK 6733HXR™*	113	7L

™* Brand is distributed by Beck's Superior Hybrids Inc.

CHANNEL		
CHANNEL 210-61VT3 Brand	110	8L
CHANNEL 218-28R Brand	118	7L
DAIRYLAND		
DAIRYLAND Hi DF-3000-9	100	8E,9
DAIRYLAND Hi DF-3008-4	108	7E,8L
DAIRYLAND Hi DF-3104	104	8L
DAIRYLAND Hi DF-3105-Q	105	7E,8L
DAIRYLAND Hi DF-3110-6	110	7E,8L
DAIRYLAND STEALTH-9196	96	9
DAIRYLAND STEALTH-9799	99	9
DAIRYLAND STEALTH-8208	106	7E,8L
DEKALB		
DEKALB DKC36-34 (VT3)	86	10
DEKALB DKC38-89 (VT3)	88	10
DEKALB DKC61-69 (VT3)	111	7L
DEKALB DKC63-84 (VT3)	113	7L
DEKALB DKC65-63 (VT3)	115	7L
DEKALB DKC67-87 (RR2/YGCB)	117	7L
DYNAGRO		
DYNAGRO 52V01	86	10
DYNAGRO 53V80	92	10
DYNAGRO 55R10	100	8E,9
DYNAGRO 55V48	102	8E,9
DYNAGRO 56R29	106	7E,8L
DYNAGRO V5294HXTRNS	112	7L
G2 GENETICS		
G2 GENETICS 5H-005 RR/HX	105	8L
G2 GENETICS 5X-909 RR/HXT	109	7E,8L
G2 GENETICS 1X-911 HXT/LL	110	7L
G2 GENETICS 5X-614 RR/HXT	114	7L
G2 GENETICS 5X-915 RR/HXT	115	7L

ZONE 2 - Tables 8E/8L
Huron - Zone 3
Ingham
Kent
Trial Average

	RM	TABLE
GREAT LAKES		
GREAT LAKES 4041G3VT3	90	9
GREAT LAKES 4481G3VT3	94	9
GREAT LAKES 5306G3VT3	103	8E
GREAT LAKES 5335HX	103	8E
GREAT LAKES 5783RR	107	7E
GREAT LAKES 6203	112	7L
GREAT LAKES 6255G3VT3	112	7L
GREAT LAKES 6321G3VT3	113	7L
GREAT LAKES 6354G3VT3	113	7L
GREAT LAKES 6455G3VT3	114	7L
HYLAND SEEDS		
HYLAND SEEDS HLSVT50	100	8E
LEGACY SEEDS		
LEGACY SEEDS L-5309GT	104	8E
LEGACY SEEDS L-5350GTCBLL	104	8E
LEGACY SEEDS L-6609HXTRR	108	8L
MYCOGEN		
MYCOGEN 2D140	83	10
MYCOGEN TMF2Q296	86	10
MYCOGEN TMF2L418	94	9
MYCOGEN TMF2R521	98	8E,9
MYCOGEN TMF2W587	104	8E,9
MYCOGEN TMF2Q716	109	7E,8L
MYCOGEN TMF2Q759	113	7L
MYCOGEN TMF2L831	118	7L
NK Brand		
NK Brand N19G	81	10
NK Brand N2L-C2	87	10
NK Brand N23K	88	10
NuTech		
NuTech 1B-887 CB/LL	87	10
NuTech 3C-889 RR/YGCB	89	10
NuTech 3A-094 RR/LFY	94	10
NuTech 3T-295 VT3	95	10
NuTech 3T-600 VT3	100	9
NuTech 5X-100 RR/HXT	100	9
NuTech 3T-603 VT3	103	8E,9
NuTech 5N-809 GT/CB/LL/RW	109	7E
NuTech 3T-013 VT3	110	7E
NuTech 3T-713 VT3	113	7L
NuTech 3C-115 RR/TGCB	115	7L
NuTech 3U-216 VTRR/LFY	116	7L

ZONE 4 - Table 9
Menominee - Late
Ogemaw
Osceola
Trial Average

ZONE 5 - Table 10
Alger
Menominee - Early
Trial Average

	RM	TABLE
PIONEER		
PIONEER 39V08	83	10
PIONEER 39B23	88	10
PIONEER 38N88	92	10
PIONEER 38H08	92	10
PIONEER 38M60	94	9
PIONEER 38P43	95	9
PIONEER 36Y26	101	8E,9
PIONEER 36V53	102	8E
PIONEER 35F44	105	7E,8L
PIONEER 34A89	109	7E,8L
PIONEER 33D14	113	7L
PIONEER 33F88	114	7L
RENK		
RENK RK563CBLLRW	96	8E
RENK RK594GTCBLLRW	100	8E
RENK RK670VT3	102	8E
RENK RK616VT3	100	8E
RENK RK686VT3	103	8E
RENK RK698VT3	103	8E
RENK RK711RRHXTRA	107	8L
RENK RK744VT3	107	8L
STEWART SEEDS		
STEWART SEEDS 4T458	95	8E
STEWART SEEDS 4T985	99	8E
STEWART SEEDS 6T725	107	8L
STEWART SEEDS 7T618	109	7E
STEWART SEEDS 7T630	109	7E,8L
STEWART SEEDS 7T875	111	7L
STEWART SEEDS 7T945	111	7L
STEWART SEEDS 8T468	116	7L
STEWART SEEDS 8R831	117	7L
TRELAY		
TRELAY 6T226	106	8L
TRELAY 6VT981	107	8L
TRELAY 7T231	111	7L
TRELAY 8T339	113	7L
TRELAY 8RR712	117	7L
WELLMAN		
WELLMAN W2007VT3	107	7E
WELLMAN W2010VT3	110	7E

TABLE 7E. BRANCH, LENAWEE & WOOD (OHIO) COUNTY SILAGE TRIALS - EARLY (105 - 110 Day) ZONE 1

2009				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	Strch	MK/T	MK/A	%DM	GT/A	DT/A	%Std	IVD	ADF	NDF	NDFD	CP	Strch	MK/T	MK/A
AGRIGOLD A6394VT3	107	P250	1,2,3	33.4	20.1	6.7	100	82.4	23.7	46.6	62.2	6.3	29.5	3227	22222	32.6	21.0	6.8	100	85.1	19.3	39.1	61.8	7.2	39.4	3544	24190
AGRIGOLD A6459VT3	109	P250	1,2,3	33.5	22.9	7.6	98	82.5	22.3	44.1	60.2	6.4	34.1	3364	26191	32.1	22.7	7.3	99	84.3	19.4	39.3	60.0	6.7	38.9	3501	25574
BECK 5442VT3	110	P500	1,2,3	35.3	22.1	7.8	96	82.7	22.8	45.4	61.7	6.2	31.3	3243	26031	35.1	23.5	8.3 *	100	84.4	19.4	39.5	60.5	7.0	39.0	3505	29009
BECK 5335HXR™*	109	P500	1,2,3,4	36.4	22.2	8.1 *	99	82.7	23.1	46.3	62.6	6.4	33.1	3358	27524	33.6	24.0	8.1 *	99	83.5	22.2	44.8	63.0	7.2	33.9	3407	27452
DAIRYLAND Hi DF-3008-4	108	P250	1,3	37.1	21.4	7.9 *	100	80.0	25.3	49.1	59.5	6.3	31.2	3187	25590	34.7	23.9	8.3 *	100	81.8	22.8	45.3	59.7	7.7	32.5	3306	27422
DAIRYLAND Hi DF-3105-Q	105	C250	1,2,3,4	34.4	23.5	8.0 *	100	81.4	23.3	46.8	60.0	6.0	32.5	3222	26475	31.4	26.0	8.2 *	100	81.8	22.8	44.9	59.4	6.6	34.6	3314	26967
DAIRYLAND Hi DF-3110-6	110	P250	1	33.0	25.5	8.4 **	99	80.6	24.9	48.2	59.5	6.0	29.6	3212	27541	33.1	26.5	8.7 **	99	82.2	22.4	44.0	59.5	6.7	34.6	3343	29148
DAIRYLAND STEALTH-8208	106	P250	2,3,4	32.4	23.3	7.5	99	80.0	26.5	50.6	60.4	5.6	27.5	3131	23951	31.9	24.9	7.9	100	81.1	23.6	46.3	59.2	6.8	32.5	3262	25833
DYNAGRO 56R29	105	P250	1,2,3,4	36.2	22.0	7.9 *	93	83.1	21.7	44.0	61.3	6.1	35.1	3396	27436	36.1	22.9	8.3 *	95	83.4	20.0	41.1	59.5	6.7	39.1	3435	28392
G2 GENETICS 5X-909 RR/HXT	109	C250	1,2,3,4	36.0	21.8	7.8	93	83.1	22.3	44.4	61.9	6.4	34.0	3397	27053	33.7	22.4	7.5	97	83.6	21.5	43.1	62.0	7.1	34.4	3429	25776
GREAT LAKES 5783RR	107	P250	1	35.2	20.8	7.4	95	82.4	22.6	44.7	60.4	6.4	34.4	3354	25115	32.6	22.3	7.3	96	83.8	20.4	40.5	60.0	7.2	38.4	3462	25100
MYCOGEN TMF2Q716	109	C250	1,2,3,4,8	35.9	23.6	8.4 **	98	81.5	24.6	48.1	61.5	6.3	31.2	3280	28125	33.8	24.1	8.1 *	98	83.5	21.1	42.6	61.2	7.1	35.4	3426	27836
NuTech 5N-809 GT/CB/LL/RW	109	P250	1,2,3,4	34.4	23.3	8.0 *	96	83.0	23.0	45.3	62.6	6.1	33.1	3388	27749	32.7	22.6	7.4	96	82.7	23.3	45.3	61.9	6.4	34.1	3365	24828
NuTech 3T-013 VT3	110	P250	1,2,3	35.3	22.4	7.9 *	97	84.3	21.4	42.5	62.8	6.3	37.3	3470	27936	35.5	23.3	8.3 *	98	85.8	19.0	37.2	61.7	6.7	41.7	3601	29808
PIONEER 35F44	105	P250	1,2,3,4,11,12,14	36.3	22.0	8.0 *	98	83.8	21.6	42.9	62.1	6.3	37.1	3434	27934	35.5	23.9	8.5 *	98	85.4	19.5	39.5	62.7	6.7	40.7	3558	30060
PIONEER 34A89	109	P250	1,2,3,4,12	34.4	23.1	7.9 *	96	81.6	25.0	48.2	62.0	5.9	31.4	3274	26382	31.6	24.8	7.8	99	83.4	22.3	44.5	62.6	7.0	32.5	3403	26631
STEWART SEEDS 7T618	109	P250	1,2,3	37.0	21.3	7.9 *	99	82.2	22.8	45.0	60.5	6.3	35.4	3343	26814	35.8	22.4	8.0 *	97	83.4	20.7	41.0	59.4	7.0	38.5	3432	27393
STEWART SEEDS 7T630	109	P250	1,2,3	36.7	22.1	8.1 *	98	82.6	21.8	43.9	60.5	6.2	35.8	3374	27924	35.8	21.7	7.8	98	84.2	19.7	41.0	61.5	7.0	37.5	3480	27043
WELLMAN W2007VT3	107		1,2,3	36.2	21.6	7.7	93	81.9	22.9	45.0	59.9	6.1	34.8	3326	26226	35.0	22.2	7.8	96	84.3	19.1	38.9	59.5	7.0	39.5	3500	27239
WELLMAN W2010VT3	110		1,2,3	33.8	21.4	7.2	96	81.1	25.2	49.8	62.1	6.2	27.0	3202	23514	31.6	22.8	7.2	96	81.8	23.7	46.9	61.3	7.5	30.2	3295	23657
AVERAGE				35.1	22.3	7.8	97	82.1	23.3	46.0	61.2	6.2	32.8	3309	26387	33.7	23.4	7.9	98	83.5	21.1	42.2	60.8	7.0	36.4	3428	26968
HIGHEST				37.1	25.5	8.4	100	84.3	26.5	50.6	62.8	6.4	37.3	3470	28125	36.1	26.5	8.7	100	85.8	23.7	46.9	63.0	7.7	41.7	3601	30060
LOWEST				32.4	20.1	6.7	93	80.0	21.4	42.5	59.5	5.6	27.0	3131	22222	31.4	21.0	6.8	95	81.1	19.0	37.2	59.2	6.4	30.2	3262	23657
CV (%)				6.1	5.8	7.8	3	1.9	9.0	6.9	3.2	6.9	11.9	4	10	4.4	4.9	6.5	3	1.4	8.8	7.3	3.2	5.9	9.7	3	8
LSD (5%)				1.7	1.1	0.5	2	1.2	1.7	2.5	1.6	0.3	3.1	100	2064	2.1	1.6	0.7	4	1.7	2.6	4.4	2.7	0.6	5.0	124	2936

2 Year Averages 2009 - 2008				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	Strch	MK/T	MK/A	%DM	GT/A	DT/A	%Std	IVD	ADF	NDF	NDFD	CP	Strch	MK/T	MK/A
BECK 5335HXR™*	109	P500	1,2,3,4	39.2	20.2	7.8 *	98	81.9	23.7	46.6	61.0	6.3	32.2	3294	25833	39.4	21.5	8.3 **	99	83.7	20.1	41.1	59.9	6.9	38.3	3409	28150
DAIRYLAND Hi DF-3008-4	108	P250	1,3	40.7	18.8	7.5 *	96	79.0	25.8	50.5	58.4	6.1	31.0	3096	23204	40.8	20.0	7.8 *	97	79.6	23.1	44.7	54.4	6.8	35.5	3143	24701
DAIRYLAND Hi DF-3110-6	110	P250	1	33.5	23.6	7.8 *	97	79.8	26.0	49.5	58.9	5.8	27.9	3132	24637	35.9	22.7	8.0 *	98	80.1	22.6	43.5	54.6	6.1	37.0	3186	25714
DAIRYLAND STEALTH-8208	106	P250	2,3,4	36.4	21.2	7.5 *	98	77.9	27.6	51.6	57.3	5.5	26.6	3003	22485	41.2	20.4	8.0 *	99	75.3	26.4	49.2	50.4	5.9	31.9	2862	22698
MYCOGEN TMF2Q716	109	C250	1,2,3,4,8	39.0	20.9	8.0 **	97	79.7	26.5	50.3	59.6	5.9	29.2	3136	25149	38.7	21.8	8.2 *	98	80.6	23.0	44.4	56.6	6.4	35.4	3198	26302
PIONEER 34A89	109	P250	1,2,3,4,12	37.4	21.3	7.8 *	96	80.3	26.0	49.5	60.3	5.7	30.4	3174	24913	37.7	21.9	8.1 *	99	83.0	21.3	42.1	59.4	6.3	37.3	3359	27031
AVERAGE				37.7	21.0	7.7	97	79.8	25.9	49.7	59.3	5.9	29.5	3139	24370	38.9	21.4	8.1	98	80.4	22.7	44.2	55.9	6.4	35.9	3193	25766
HIGHEST				40.7	23.6	8.0	98	81.9	27.6	51.6	61.0	6.3	32.2	33	25833	41.2	22.7	8.3	99	83.7	26.4	49.2	59.9	6.9	38.3	3409	28150
LOWEST				33.5	18.8	7.5	96	77.9	23.7	46.6	57.3	5.5	26.6	3003	22485	35.9	20.0	7.8	97	75.3	20.1	41.1	50.4	5.9	31.9	2862	22698
CV (%)				9.1	7.0	7.9	5	3.2	11.9	9.1	4.6	8.0	14.3	6	10	9.8	6.8	7.5	3	3.1	11.2	8.9	5.9	6.9	10.9	5	9
LSD (5%)				3.2	1.5	0.6	4	2.5	2.8	4.2	2.8	0.5	4.5	180	2517	3.5	1.5	0.6	3	2.5	2.4	3.8	3.4	0.5	4.0	172	2450

™* Brand is distributed by Beck's Superior Hybrids Inc.

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

2009				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	Strch	MK/T	MK/A	%DM	GT/A	DT/A	%Std	IVD	ADF	NDF	NDFD	CP	Strch	MK/T	MK/A
AGRIGOLD A6394VT3	107	P250	1,2,3	29.7	18.4	5.4	99	83.1	25.2	50.0	66.2	6.5	18.2	3049	16515	38.0	20.9	7.9	100	78.9	26.7	50.8	58.6	5.3	30.8	3087	25960
AGRIGOLD A6459VT3	109	P250	1,2,3	30.1	24.3	7.3	100	81.2	24.8	47.8	60.7	5.9	27.6	3294	23984	38.4	21.7	8.3 *	94	81.9	22.6	45.2	59.9	6.7	35.9	3297	29015
BECK 5442VT3	110	P500	1,2,3	30.6	22.0	6.8	95	81.2	27.0	52.6	64.3	6.0	17.1	2881	19501	40.1	20.8	8.3 *	94	82.5	21.9	44.1	60.2	5.5	37.9	3343	29584
BECK 5335HXR™*	109	P500	1,2,3,4	36.6	21.8	8.0 *	99	84.3	22.5	45.7	65.6	6.4	32.5	3479	27663	39.1	20.8	8.1 *	100	80.3	24.5	48.3	59.2	5.5	32.8	3189	27456
DAIRYLAND Hi DF-3008-4	108	P250	1,3	34.2	21.6	7.4	100	82.5	23.1	45.8	61.8	6.5	32.8	3379	24950	42.4	18.8	8.0	100	75.8	30.0	56.2	57.0	4.7	28.3	2876	24398
DAIRYLAND Hi DF-3105-Q	105	C250	1,2,3,4	31.4	23.4	7.4	99	81.3	26.0	51.0	63.4	5.7	22.4	3092	22885	40.3	21.1	8.5 *	100	81.0	21.2	44.4	57.3	5.6	40.6	3261	29573
DAIRYLAND Hi DF-3110-6	110	P250	1	28.9	25.9	7.5 *	99	81.2	27.3	52.0	63.7	5.8	20.8	3208	24143	37.1	24.2	8.9 *	98	78.5	24.9	48.5	55.4	5.4	33.5	3084	29332
DAIRYLAND STEALTH-8208	106	P250	2,3,4	30.7	23.4	7.2	99	81.7	25.7	50.6	63.7	5.7	23.4	3174	22752	34.6	21.5	7.5	99	77.1	30.1	54.9	58.3	4.4	26.6	2956	23270
DYNAGRO 56R29	105	P250	1,2,3,4	31.3	23.4	7.3	95	82.2	24.7	48.7	63.4	5.6	26.9	3332	24342	41.2	19.8	8.2 *	90	83.6	20.3	42.1	61.0	6.1	39.3	3421	29575
G2 GENETICS 5X-909 RR/HXT	109	C250	1,2,3,4	36.0	22.3	8.0 *	95	84.2	21.6	43.6	63.7	6.4	34.2	3489	27765	38.4	20.6	7.9	88	81.4	23.7	46.5	59.9	5.6	33.3	3273	27620
GREAT LAKES 5783RR	107	P250	1	31.5	19.6	6.2	95	82.9	23.8	47.7	64.0	6.8	27.5	3382	20888	41.6	20.6	8.6 *	93	80.4	23.5	45.8	57.2	5.2	37.4	3217	29357
MYCOGEN TMF2Q716	109	C250	1,2,3,4,8	32.8	25.5	8.4 **	97	80.6	27.2	52.3	62.9	6.2	24.5	3226	26943	41.0	21.3	8.8 *	99	80.5	25.4	49.3	60.5	5.5	33.6	3190	29596
NuTech 5N-809 GT/CB/LL/RW	109	P250	1,2,3,4	32.3	23.6	7.6 *	95	84.4	21.9	44.0	64.4	6.6	31.7	3494	26565	38.1	23.8	9.1 **	97	82.0	23.8	46.7	61.5	5.3	33.4	3306	31854
NuTech 3T-013 VT3	110	P250	1,2,3	33.4	22.4	7.5 *	95	84.4	22.9	45.8	65.8	6.1	33.0	3481	26139	36.9	21.4	7.9	98	82.6	22.2	44.5	61.0	6.0	37.1	3328	27862
PIONEER 35F44	105	P250	1,2,3,4,11,12,14	34.9	21.5	7.6 *	99	84.4	21.2	42.6	63.2	6.5	35.2	3504	26476	38.6	20.5	8.0	99	81.5	24.2	46.7	60.5	5.6	35.3	3239	27265
PIONEER 34A89	109	P250	1,2,3,4,12	35.1	23.2	8.1 *	96	82.5	24.8	48.1	63.7	5.7	29.6	3337	27048	36.5	21.4	7.8	94	79.0	28.0	52.1	59.8	4.9	32.1	3082	25468
STEWART SEEDS 7T618	109	P250	1,2,3	36.4	21.4	7.8 *	99	82.9	23.4	46.5	63.2	6.4	33.2	3395	26398	38.7	20.1	7.8	100	80.4	24.4	47.4	58.8	5.5	34.5	3203	26651
STEWART SEEDS 7T630	109	P250	1,2,3	35.4	22.9	8.1 *	98	83.2	22.5	44.8	62.5	6.1	34.1	3425	27686	39.0	21.8	8.5 *	98	80.5	23.3	46.0	57.6	5.4	35.9	3218	29043
WELLMAN W2007VT3	107		1,2,3	33.4	23.5	7.8 *	92	83.1	23.2	45.1	62.5	6.4	33.8	3414	26697	40.1	19.0	7.6	91	78.4	26.5	50.9	57.6	5.0	31.0	3062	24740
WELLMAN W2010VT3	110		1,2,3	30.9	20.7	6.4	97	81.7	26.4	51.5	64.6	6.0	20.3	3193	20425	38.9	20.6	8.0	94	79.8	25.6	51.0	60.4	5.1	30.5	3118	26459
AVERAGE				32.8	22.5	7.4	97	82.6	24.2	47.8	63.7	6.1	27.9	3311	24488	38.9	21.0	8.2	96	80.3	24.6	48.1	59.1	5.4	34.0	3187	27704
HIGHEST				36.6	25.9	8.4	100	84.4	27.3	52.6	66.2	6.8	35.2	3504	27765	42.4	24.2	9.1	100	83.6	30.1	56.2	61.5	6.7	40.6	3421	31854
LOWEST				28.9	18.4	5.4	92	80.6	21.2	42.6	60.7	5.6	17.1	2881	16515	34.6	18.8	7.5	88	75.8	20.3	42.1	55.4	4.4	26.6	2876	23270
CV (%)				6.0	7.7	8.3	3	1.6	7.3	5.8	3.1	7.2	15.7	4	11	7.2	4.3	8.4	3	2.6	11.2	7.9	3.6	8.3	11.6	4	11
LSD (5%)				2.8	2.4	0.9	4	1.9	2.5	3.9	2.8	0.6	6.2	202	3626	4.0	1.3	1.0	4	3.0	3.9	5.4	3.0	0.6	5.6	192	4208

2 Year Averages 2009 - 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	Strch	MK/T	MK/A	%DM	GT/A	DT/A	%Std	IVD	ADF	NDF	NDFD	CP	Strch	MK/T	MK/A
BECK 5335HXR™*	109	P500	1,2,3,4	40.3	19.8	7.8 **	98	81.9	24.6	47.8	62.3	6.4	30.5	3298	25501	37.8	19.3	7.3	97	80.1	26.5	50.8	60.7	5.5	27.9	3174	23848
DAIRYLAND Hi DF-3008-4	108	P250	1,3	39.2	18.5	7.1	94	79.1	26.1	53.2	61.2	6.3	30.2	3095	21966	42.2	18.0	7.6	96	78.3	28.0	53.7	59.7	5.3	27.2	3051	22946
DAIRYLAND Hi DF-3110-6	110	P250	1	30.0	24.1	7.2 *	99	79.6	28.7	53.7	62.1	5.7	19.4	3075	22254	34.6	23.9	8.3 **	94	79.6	26.8	51.3	59.9	5.5	27.2	3136	25942
DAIRYLAND STEALTH-8208	106	P250	2,3,4	32.1	22.4	7.1	98	79.1	28.3	53.4	61.2	5.6	21.1	3035	21591	35.9	20.9	7.5	97	79.2	28.0	52.4	60.4	4.9	26.8	3112	23165
MYCOGEN TMF2Q716	109	C250	1,2,3,4,8	37.4	21.1	7.7 *	98	78.1	29.8	55.5	60.7	5.9	23.1	3023	23316	41.0	19.8	8.1 *	96	80.4	26.6	51.1	61.6	5.5	29.2	3188	25830
PIONEER 34A89	109	P250	1,2,3,4,12	38.8	20.1	7.7 *	98	78.7	28.4	53.1	60.4	5.7	26.6	3066	23645	35.8	21.7	7.8 *	91	79.3	28.3	53.2	61.1	5.2	27.3	3097	24062
AVERAGE				36.3	21.0	7.4	97	79.4	27.6	52.8	61.3	5.9	25.1	3098	23045	37.9	20.6	7.7	95	79.5	27.4	52.1	60.6	5.3	27.6	3126	24299
HIGHEST				40.3	24.1	7.8	99	81.9	29.8	55.5	62.3	6.4	30.5	3298	25501	42.2	23.9	8.3	97	80.4	28.3	53.7	61.6	5.5	29.2	3188	25942
LOWEST				30.0	18.5	7.1	94	78.1	24.6	47.8	60.4	5.6	19.4	3023	21591	34.6	18.0	7.3	91	78.3	26.5	50.8	59.7	4.9	26.8	3051	22946
CV (%)				8.8	7.4	8.4	5	3.7	13.2	10.1	4.1	9.1	20.3	7	11	8.6	6.8	7.7	4	2.6	10.9	7.9	3.7	8.0	12.6	5	10
LSD (5%)				3.0	1.6	0.6	5	3.0	3.4	5.0	2.6	0.6	5.4	221	2596	3.3	1.5	0.6	3	2.1	2.7	3.9	2.2	0.4	4.0	142	2555

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** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

TABLE 7L. BRANCH, LENAWEE & WOOD (OHIO) COUNTY SILAGE TRIALS - LATE (111 - 118 Day) ZONE 1

2009				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	Strch	MK/T	MK/A	%DM	GT/A	DT/A	%Std	IVD	ADF	NDF	NDFD	CP	Strch	MK/T	MK/A
AGRIGOLD A6489VT3	111	P250	1,2,3	35.7	25.6	9.1 **	98	81.9	23.6	46.7	61.3	5.9	33.6	3308	30635	32.0	26.8	8.6 *	99	83.2	21.2	42.8	60.7	6.9	36.3	3404	29084
AGRIGOLD A6533VT3	113	P250	1,2,3	34.1	24.1	8.2	99	81.3	23.3	45.5	58.9	6.4	34.1	3281	27412	31.6	24.6	7.8	100	83.0	21.3	42.4	59.9	7.1	37.7	3397	26303
BECK 6733HXR™*	113	P500		33.8	24.5	8.3	93	82.1	23.4	46.1	61.2	6.7	32.6	3320	27922	32.4	23.3	7.5	96	83.3	21.1	42.6	60.8	7.6	35.7	3408	25600
BECK 5668™*	111	P500	1,2,3,4	36.7	24.4	8.9 *	98	83.2	21.0	42.7	60.5	6.7	37.1	3407	30923	32.9	26.1	8.5 *	99	83.7	19.5	40.7	59.9	7.9	37.5	3446	29377
CHANNEL 218-28R Brand	118	P250	1	34.0	25.4	8.6 *	95	80.7	25.2	49.4	61.0	6.4	29.0	3217	28262	32.9	26.7	8.7 *	99	83.0	21.5	43.7	61.0	7.5	34.9	3384	29563
DEKALB DKC61-69 (VT3)	111	P250	1,2,3	36.4	23.5	8.6 *	97	82.7	21.7	43.6	60.5	6.1	37.4	3377	29307	33.1	25.0	8.3 *	99	84.0	19.1	39.6	59.8	7.2	40.5	3475	28649
DEKALB DKC63-84 (VT3)	113	P250	1,2,3	34.3	24.4	8.3	97	82.9	21.7	43.5	60.6	6.3	36.8	3390	28783	30.0	26.4	8.0 *	100	83.2	20.8	42.2	60.1	7.0	38.3	3409	27100
DEKALB DKC65-63 (VT3)	115	P250	1,2,3	35.7	24.6	8.8 *	99	82.6	21.5	43.1	59.5	6.3	37.4	3371	30243	29.7	25.4	7.6	97	82.2	21.9	44.0	59.5	7.0	35.5	3336	25187
DEKALB DKC67-87 (RR2/YGCB)	117	P250	1,2	34.9	25.3	8.8 *	98	81.7	23.6	45.9	60.0	6.3	32.8	3300	29621	31.5	26.4	8.3 *	99	80.6	24.3	45.9	57.6	7.3	32.1	3229	26814
DYNAGRO V5294HXTRNS	112	P250	1,2,3,4,12	36.3	25.0	9.0 *	93	84.1	20.1	41.5	61.6	6.9	38.4	3466	31895	32.3	27.5	8.9 **	95	83.7	20.5	42.7	61.9	7.8	36.8	3431	30466
G2 GENETICS 1X-911 HXT/LL	110	C250	2,3,4	35.6	23.8	8.4	89	84.3	21.4	43.0	63.4	6.5	36.0	3467	29814	34.2	23.9	8.2 *	91	85.1	20.0	40.7	63.4	7.2	38.8	3527	28743
G2 GENETICS 5X-614 RR/HXT	114	C250	1,2,3,4	34.6	24.3	8.4	100	81.9	24.8	47.1	61.8	6.0	32.5	3301	28253	31.4	26.1	8.2 *	99	85.2	20.1	40.8	63.7	7.1	39.4	3530	28967
G2 GENETICS 5X-915 RR/HXT	115	C250	1,2,3,4	34.8	26.1	9.1 **	99	81.9	23.4	45.8	60.6	6.0	33.8	3316	30682	32.4	26.1	8.4 *	99	82.3	22.3	44.3	60.0	7.0	35.1	3340	28127
GREAT LAKES 6203	112	P250		36.2	23.8	8.5	98	81.6	21.8	43.0	57.2	6.5	37.8	3316	29010	35.0	23.0	8.0 *	100	83.2	19.3	38.8	56.7	7.3	42.1	3433	27578
GREAT LAKES 6255G3VT3	112	P250	1,2,3	34.3	23.9	8.1	98	80.2	24.7	47.1	58.0	6.0	32.7	3211	26616	30.1	26.1	7.8	99	81.9	22.2	43.5	58.4	6.9	35.9	3324	25842
GREAT LAKES 6321G3VT3	113	P250	1,2,3	33.4	25.2	8.4	99	81.7	23.3	45.6	59.6	6.2	33.7	3302	28113	31.5	26.1	8.2 *	100	82.9	20.9	41.6	58.8	6.7	39.1	3398	27897
GREAT LAKES 6354G3VT3	113	P250	1,2,3	35.6	23.6	8.4	95	82.0	22.8	44.7	59.7	6.3	33.7	3306	28281	32.9	24.9	8.2 *	98	83.9	19.3	39.4	59.0	7.4	40.7	3466	28388
GREAT LAKES 6455G3VT3	114	P250	1,2,3	32.9	25.5	8.3	99	82.1	22.5	44.8	59.9	6.3	35.1	3331	28223	28.7	27.7	8.0 *	99	82.9	21.7	43.4	60.6	6.9	37.1	3381	26874
MYCOGEN TMF2Q759	113	C250	1,2,3,4,8	33.6	24.5	8.2	98	82.3	24.8	48.0	63.0	5.8	30.6	3304	27672	33.2	25.6	8.5 *	100	84.4	20.6	41.3	62.1	6.8	38.4	3481	29462
MYCOGEN TMF2L831	118	C250	1,2,3,8	31.8	27.1	8.5	99	80.6	26.0	50.6	61.7	6.2	28.3	3203	27822	29.0	30.5	8.8 *	100	81.5	23.8	47.3	60.9	7.3	30.8	3271	28689
NuTech 3T-713 VT3	113	P250	1,2,3	36.5	22.2	8.0	99	82.2	22.9	46.3	61.4	6.1	32.2	3293	27049	33.5	25.1	8.4 *	99	84.2	19.6	40.8	61.0	7.3	38.9	3473	29273
NuTech 3C-115 RR/TGCB	115	C250	1,2	31.0	25.7	7.9	98	81.3	24.9	48.5	61.4	6.2	30.3	3256	26168	27.8	25.3	7.0	100	80.5	24.9	48.4	59.7	7.3	30.4	3205	22424
NuTech 3U-216 VTRR/LFY	116	C250	1,3,8	31.0	26.5	8.2	94	80.5	26.4	50.4	61.3	6.5	26.2	3189	26790	28.6	27.4	7.9	97	80.0	26.3	50.0	60.0	7.3	27.6	3162	24926
PIONEER 33D14	113	P250	1,2,3,4,12	34.1	24.8	8.4	97	81.3	25.4	48.3	61.4	6.0	32.0	3258	28004	31.0	25.5	7.9	96	82.7	23.8	45.9	62.2	6.9	33.3	3346	26447
PIONEER 33F88	114	P250	1,2,3,4,11,13,14	35.1	24.3	8.5	97	83.8	22.0	44.3	63.4	6.2	36.3	3430	29611	31.3	26.6	8.3 *	99	83.7	22.0	44.4	63.3	6.9	35.8	3418	28358
STEWART SEEDS 7T875	111	P250	1,2,3	36.1	22.6	8.1	100	82.3	21.4	43.0	58.7	6.4	36.0	3357	27742	33.7	23.6	7.9	99	82.8	20.2	41.1	58.1	7.2	37.7	3394	26896
STEWART SEEDS 7T945	111	P250	1,2,3	36.3	23.4	8.5	99	82.0	22.2	45.0	59.9	6.1	34.9	3326	28684	33.4	24.7	8.2 *	98	83.2	19.9	41.3	59.3	7.1	37.9	3417	28112
STEWART SEEDS 8T468	116	P250	1,2,3	36.2	24.7	8.9 *	98	83.9	20.5	41.7	61.2	6.0	38.0	3453	31247	32.9	25.6	8.4 *	100	82.9	20.7	41.9	59.1	6.6	38.8	3396	28351
STEWART SEEDS 8R831	117	P250	1	34.6	25.5	8.8 *	94	81.5	23.3	46.3	60.2	6.4	33.4	3287	29477	33.0	26.3	8.7 *	95	83.3	21.0	42.4	60.7	7.0	37.8	3414	29790
TRELAY 7T231	111	P250	1,2,3	34.7	24.5	8.4	98	82.3	22.5	44.8	60.4	6.2	35.4	3341	28743	30.3	25.6	7.7	100	81.9	22.1	43.9	58.8	7.0	35.5	3322	25556
TRELAY 8T339	113	P250	1,2,3	35.1	24.2	8.5	99	83.7	21.0	43.4	62.3	6.3	36.8	3432	29555	32.2	27.0	8.7 *	100	83.7	19.6	40.7	60.0	7.1	38.7	3450	29907
TRELAY 8RR712	117	P250	1	32.6	25.3	8.2	96	80.0	25.9	50.2	60.4	6.1	28.3	3175	26681	31.1	27.4	8.5 *	99	82.2	22.4	45.1	60.5	7.2	33.8	3329	28294
AVERAGE				34.6	24.6	8.5	97	82.1	23.1	45.6	60.7	6.3	33.9	3322	28726	31.7	25.9	8.2	98	82.9	21.4	42.9	60.2	7.1	36.5	3387	27720
HIGHEST				36.7	27.1	9.1	100	84.3	26.4	50.6	63.4	6.9	38.4	3467	31895	35.0	30.5	8.9	100	85.2	26.3	50.0	63.7	7.9	42.1	3530	30466
LOWEST				31.0	22.2	7.9	89	80.0	20.1	41.5	57.2	5.8	26.2	3175	26168	27.8	23.0	7.0	91	80.0	19.1	38.8	56.7	6.6	27.6	3162	22424
CV (%)				7.2	5.6	7.9	4	2.3	10.9	8.1	3.3	8.2	12.3	4	10	6.7	6.5	8.2	2	1.7	9.5	7.5	2.9	7.1	9.5	3	10
LSD (5%)				2.0	1.1	0.5	2	1.5	2.0	3.0	1.6	0.4	3.3	108	2362	3.0	2.4	0.9	3	1.9	2.9	4.5	2.4	0.7	4.9	141	3843

™* Brand is distributed by Beck's Superior Hybrids Inc.

2 Year Averages 2009 - 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	Strch	MK/T	MK/A	%DM	GT/A	DT/A	%Std	IVD	ADF	NDF	NDFD	CP	Strch	MK/T	MK/A
BECK 5668™*	111	P250	1,2,3	39.0	22.1	8.4 *	95	81.8	22.6	44.4	58.8	6.2	34.8	3312	28025	38.9	22.4	8.4 *	96	82.0	20.2	40.2	55.2	6.9	39.5	3335	28064
DEKALB DKC61-69 (VT3)	111	P250	1,2,3	39.6	21.6	8.4 *	95	82.8	21.6	42.6	59.4	6.1	37.2	3381	28556	38.0	22.9	8.6 *	98	83.8	19.3	38.3	57.7	6.5	41.1	3460	29792
DEKALB DKC65-63 (VT3)	115	P250	1,2,3	37.7	22.1	8.3 *	95	81.4	23.2	45.1	58.7	6.0	34.3	3284	27201	35.5	22.7	7.9	97	81.7	22.0	43.1	57.4	6.7	35.7	3298	25881
DEKALB DKC67-87 (RR2/YGCB)	117	P250	1,2	36.5	23.7	8.6 **	97	80.8	24.6	46.7	58.7	6.0	30.8	3225	27772	36.9	24.2	8.8 **	99	80.7	23.5	44.2	56.3	6.3	34.1	3234	28426
G2 GENETICS 1X-911 HXT/LL	110	C250	2,3,4	37.8	21.5	8.0 *	91	81.7	23.9	46.0	60.4	6.3	32.6	3279	26531	39.3	21.6	8.3	93	81.4	21.9	41.9	56.1	6.8	38.3	3266	27028
PIONEER 33D14	113	P250	1,2,3,4,12	36.7	21.6	7.8	91	80.0	27.0	50.8	60.5	5.9	28.9	3147	24964	37.7	21.8	8.0	91	82.0	23.0	44.2	58.9	6.7	35.7	3273	25983
STEWART SEEDS 8T468	116	P250	1,2,3	37.0	22.7	8.3 *	98	82.8	22.1	43.8	60.5	5.8	34.9	3369	28191	34.9	23.2	8.0	100	83.0	20.1	40.1	57.6	6.3	39.0	3400	27293
AVERAGE				37.8	22.2	8.3	95	81.6	23.6	45.6	59.6	6.0	33.4	3285	27320	37.3	22.7	8.3	96	82.1	21.4	41.7	57.0	6.6	37.6	3324	27495
HIGHEST				39.6	23.7	8.6	98	82.8	27.0	50.8	60.5	6.3	37.2	3381	28556	39.3	24.2	8.8	100	83.8	23.5	44.2	58.9	6.9	41.1	3460	29792
LOWEST				36.5	21.5	7.3	91	80.0	21.6	42.6	58.7	5.8	28.9	3147	24964	34.9	21.6	7.9	91	80.7	19.3	38.3	55.2	6.3	34.1	3234	25881
CV (%)				8.2	6.3	7.6	5	2.7	11.7	8.8	4.0	8.3	12.8	5	10	7.9	6.6	7.9	3	2.5	10.8	8.2	4.8	7.3	10.0	4	10
LSD (5%)				2.8	1.5	0.6	3	2.2	2.7	3.9	2.4	0.5	4.2	153	2776	2.6	1.6	0.6	3	2.1	2.3	3.4	2.8	0.5	3.6	139	2790

2009				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	Strch	MK/T	MK/A	%DM	GT/A	DT/A	%Std	IVD	ADF	NDF	NDFD	CP	Strch	MK/T	MK/A
AGRIGOLD A6489VT3	111	P250	1,2,3	36.1	27.3	9.8 **	97	83.8	21.7	43.0	62.2	5.7	37.5	3458	34023	38.9	22.7	8.8	99	78.8	28.0	54.2	61.0	5.2	27.0	3063	28798
AGRIGOLD A6533VT3	113	P250	1,2,3	32.5	24.9	8.0	98	79.6	25.8	49.5	58.8	6.1	28.1	3169	25430	38.2	22.9	8.8	99	81.2	22.7	44.6	57.9	5.9	36.6	3277	30504
BECK 6733HXR™*	113	P500		32.3	26.8	8.7	92	81.2	25.4	49.1	61.6	6.6	28.3	3257	28181	36.7	23.3	8.6	93	81.8	23.8	46.6	61.1	5.9	33.8	3295	29986
BECK 5668™*	111	P500	1,2,3,4	36.3	24.4	8.8 *	99	83.9	21.3	43.0	62.4	6.6	35.9	3458	30545	41.0	22.7	9.3 *	97	81.9	22.2	44.4	59.1	5.6	38.0	3319	32845
CHANNEL 218-28R Brand	118	P250	1	30.9	25.2	7.8	93	80.9	25.5	49.7	61.5	6.0	27.9	3240	25361	38.1	24.4	9.3 *	94	78.3	28.7	54.8	60.4	5.8	24.1	3028	29862
DEKALB DKC61-69 (VT3)	111	P250	1,2,3	36.5	24.0	8.8 *	98	84.3	20.6	42.2	63.0	6.1	38.5	3492	30571	39.5	21.6	8.6	95	79.8	25.4	48.9	58.6	5.1	33.2	3165	28701
DEKALB DKC63-84 (VT3)	113	P250	1,2,3	34.9	24.4	8.5	98	82.5	22.4	44.5	60.6	5.9	36.1	3372	28602	38.0	22.3	8.5	92	83.1	21.8	43.7	61.2	6.0	36.1	3388	30647
DEKALB DKC65-63 (VT3)	115	P250	1,2,3	35.8	25.1	8.9 *	99	81.9	22.7	45.1	59.8	6.1	35.6	3331	29718	41.7	23.4	9.8 **	100	83.6	19.8	40.3	59.3	5.8	41.1	3447	35825
DEKALB DKC67-87 (RR2/YGCB)	117	P250	1,2	33.0	25.7	8.5	95	82.9	23.3	45.7	62.6	5.9	32.0	3384	28712	40.2	23.8	9.6 *	100	81.5	23.1	46.0	59.8	5.7	34.4	3285	33338
DYNAGRO V5294HXTRNS	112	P250	1,2,3,4,12	36.3	25.2	9.1 *	93	83.9	21.1	42.5	62.0	6.1	37.8	3463	31603	40.3	22.4	9.1 *	90	84.6	18.6	39.4	60.8	6.8	40.7	3506	33617
G2 GENETICS 1X-911 HXT/LL	110	C250	2,3,4	34.9	24.4	8.5	93	85.4	20.2	40.7	64.2	6.3	37.8	3564	30306	37.7	23.0	8.6	83	82.3	23.9	47.5	62.7	6.0	31.3	3310	30392
G2 GENETICS 5X-614 RR/HXT	114	C250	1,2,3,4	35.4	25.1	8.9 *	100	83.0	24.8	47.0	63.7	5.9	32.6	3377	30027	37.0	21.8	8.1	100	77.4	29.6	53.6	58.0	4.9	25.4	2996	25766
G2 GENETICS 5X-915 RR/HXT	115	C250	1,2,3,4	33.8	27.4	9.3 *	99	83.5	22.6	44.2	62.7	5.7	35.3	3431	31790	38.3	24.8	9.5 *	99	80.0	25.3	48.8	59.1	5.3	31.1	3177	32128
GREAT LAKES 6203	112	P250		33.1	25.6	8.4	95	79.2	25.2	47.8	56.6	5.7	33.5	3164	26580	40.6	22.7	9.2 *	98	82.3	20.9	42.5	58.2	6.4	37.8	3352	32870
GREAT LAKES 6255G3VT3	112	P250	1,2,3	32.6	23.7	7.7	100	75.6	31.9	57.1	57.3	4.9	23.3	2898	22191	40.3	21.8	8.8	95	83.1	20.1	40.7	58.4	6.3	39.0	3412	31816
GREAT LAKES 6321G3VT3	113	P250	1,2,3	30.8	26.6	8.2	100	81.9	24.3	47.6	61.8	6.4	27.1	3310	27114	37.8	22.9	8.7	99	80.2	24.8	47.5	58.2	5.4	35.0	3199	29328
GREAT LAKES 6354G3VT3	113	P250	1,2,3	33.8	24.1	8.1	96	81.8	24.4	48.6	62.6	6.2	25.8	3228	26313	40.1	21.8	8.8	92	80.4	24.7	46.1	57.6	5.4	34.6	3224	30141
GREAT LAKES 6455G3VT3	114	P250	1,2,3	31.6	25.7	8.1	100	81.2	24.8	49.1	61.8	6.1	27.7	3262	26229	38.3	23.1	8.9 *	99	82.1	21.0	41.9	57.2	6.0	40.5	3349	31566
MYCOGEN TMF2Q759	113	C250	1,2,3,4,8	31.2	23.6	7.4	96	83.6	25.3	49.4	66.7	5.8	26.0	3354	24818	36.3	24.3	8.8	99	78.9	28.4	53.3	60.3	4.9	27.4	3076	28735
MYCOGEN TMF2L831	118	C250	1,2,3,8	31.1	26.1	8.1	97	80.6	27.1	52.7	63.1	5.8	25.4	3198	25681	35.3	24.7	8.7	101	79.8	27.2	51.8	61.2	5.4	28.8	3141	29096
NuTech 3T-713 VT3	113	P250	1,2,3	32.0	21.6	6.9	97	81.1	25.7	51.1	63.0	5.8	21.5	3144	21710	44.0	19.9	8.7	99	81.3	23.5	46.9	60.1	5.3	36.1	3263	30164
NuTech 3C-115 RR/TGCB	115	C250	1,2	27.7	28.5	7.9	96	81.6	25.9	50.0	63.3	5.9	26.0	3277	25821	37.4	23.3	8.7	100	81.7	23.8	47.2	61.3	5.3	34.4	3287	30259
NuTech 3U-216 VTRR/LFY	116	C250	1,3,8	30.2	26.6	8.0	95	82.1	25.2	49.1	63.5	6.1	25.7	3297	26477	34.2	25.6	8.7	91	79.3	27.6	52.1	60.4	6.0	25.2	3109	28966
PIONEER 33D14	113	P250	1,2,3,4,12	33.1	26.3	8.7	98	81.8	25.4	48.5	62.6	5.7	31.7	3303	28857	38.1	22.6	8.6	97	79.3	26.9	50.5	59.4	5.4	30.9	3126	28708
PIONEER 33F88	114	P250	1,2,3,4,11,13,14	37.0	23.1	8.5	96	85.9	19.4	39.8	64.5	5.9	42.0	3598	30629	36.9	23.2	8.6	95	81.8	24.5	48.6	62.5	5.9	31.2	3273	29846
STEWART SEEDS 7T875	111	P250	1,2,3	33.3	23.6	7.8	100	80.3	24.9	48.7	59.6	6.2	28.2	3215	25156	41.3	20.6	8.5	100	83.7	19.1	39.2	58.4	5.7	42.0	3463	31174
STEWART SEEDS 7T945	111	P250	1,2,3	36.1	23.4	8.4	100	82.1	22.8	45.0	60.3	5.7	36.0	3345	27968	39.5	22.2	8.8	99	80.7	23.9	48.6	60.2	5.6	30.7	3214	29973
STEWART SEEDS 8T468	116	P250	1,2,3	35.3	25.7	9.1 *	98	85.5	19.5	40.5	64.1	6.0	39.6	3569	32425	40.3	22.8	9.1 *	95	83.2	21.4	42.8	60.4	5.5	35.7	3393	32965
STEWART SEEDS 8R831	117	P250	1	33.4	26.1	8.7	92	82.0	23.6	46.9	61.6	6.3	31.7	3323	28845	37.3	24.1	9.0 *	96	79.2	25.4	49.6	58.2	5.8	30.6	3124	29797
TRELAY 7T231	111	P250	1,2,3	33.8	26.0	8.7	96	81.1	24.4	47.4	60.1	5.3	33.2	3271	28514	40.0	22.0	8.8	99	83.8	20.9	43.1	62.3	6.2	37.5	3431	32158
TRELAY 8T339	113	P250	1,2,3	35.5	22.7	8.0	97	84.7	21.2	43.6	64.9	5.8	37.0	3501	28075	37.6	23.0	8.7	99	82.6	22.3	45.8	62.1	6.0	34.6	3345	30684
TRELAY 8RR712	117	P250	1	31.1	24.7	7.7	96	77.8	28.9	54.5	59.5	5.6	23.2	3035	23161	35.7	23.8	8.5	94	80.1	26.3	51.0	61.1	5.6	28.0	3162	28590
AVERAGE				33.5	25.1	8.4	97	82.1	24.0	47.0	61.9	5.9	31.5	3321	27857	38.6	22.9	8.8	96	81.2	23.9	46.9	59.9	5.7	33.5	3256	30601
HIGHEST				37.0	28.5	9.8	100	85.9	31.9	57.1	66.7	6.6	42.0	3598	34023	44.0	25.6	9.8	100	84.6	29.6	54.8	62.7	6.8	42.0	3506	35825
LOWEST				27.7	21.6	6.9	92	75.6	19.4	39.8	56.6	4.9	21.5	2898	21710	34.2	19.9	8.1	83	77.4	18.6	39.2	57.2	4.9	24.1	2996	25766
CV (%)				8.0	6.2	8.4	4	2.3	10.1	8.0	3.3	9.0	14.2	4	11	6.8	3.6	7.1	4	2.8	12.5	8.8	3.5	8.7	13.3	5	10
LSD (5%)				3.8	2.2	1.0	6	2.6	3.4	5.2	2.9	0.7	6.3	196	4112	3.7	1.2	0.9	6	3.2	4.2	5.8	3.0	0.7	6.3	222	4409

™* Brand is distributed by Beck's Superior Hybrids Inc.

2 Year Averages 2009 - 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	Strch	MK/T	MK/A	%DM	GT/A	DT/A	%Std	IVD	ADF	NDF	NDFD	CP	Strch	MK/T	MK/A
BECK 5668™*	111	P250	1,2,3	40.9	21.0	8.4 **	98	82.6	22.6	44.7	61.0	6.3	34.5	3360	28119	37.3	22.8	8.6 *	91	80.9	24.9	48.2	60.2	5.5	30.4	3241	27891
DEKALB DKC61-69 (VT3)	111	P250	1,2,3	42.3	20.0	8.2 *	97	84.0	20.3	40.9	60.8	6.3	39.6	3471	28547	38.7	22.0	8.5 *	92	80.4	25.2	48.5	59.7	5.6	31.0	3212	27329
DEKALB DKC65-63 (VT3)	115	P250	1,2,3	38.8	21.7	8.3 *	98	80.9	24.0	46.4	59.1	5.9	33.8	3258	26956	39.0	21.9	8.6 *	92	81.5	23.5	45.7	59.5	5.5	33.5	3295	28766
DEKALB DKC67-87 (RR2/YGCB)	117	P250	1,2	36.0	23.2	8.3 *	97	81.3	24.5	46.7	60.0	6.0	30.7	3275	27055	36.7	23.7	8.7 *	96	80.3	25.7	49.0	59.8	5.6	27.6	3165	27835
G2 GENETICS 1X-911 HXT/LL	110	C250	2,3,4	38.8	21.4	8.1 *	96	81.5	24.6	46.9	61.0	6.0	32.3	3277	26668	35.2	21.6	7.6	85	82.3	25.2	49.2	64.0	6.0	27.2	3295	25898
PIONEER 33D14	113	P250	1,2,3,4,12	35.2	22.0	7.7 *	89	79.5	28.8	53.8	62.1	5.8	25.6	3102	24040	37.2	21.0	7.8	94	78.5	29.1	54.3	60.5	5.2	25.4	3066	24870
STEWART SEEDS 8T468	116	P250	1,2,3	37.6	21.7	8.1 *	98	82.5	23.8	46.8	62.7	5.6	32.6	3338	27194	38.5	23.2	8.9 **	95	82.8	22.5	44.5	61.1	5.6	33.2	3370	30086
AVERAGE				38.5	21.6	8.1	96	81.8	24.1	46.6	61.0	6.0	32.7	3297	26940	37.5	22.3	8.4	92	81.0	25.2	48.5	60.7	5.6	29.7	3235	27525
HIGHEST				42.3	23.2	8.4	98	84.0	28.8	53.8	62.7	6.3	39.6	3471	28547	39.0	23.7	8.9	96	82.8	29.1	54.3	64.0	6.0	33.5	3370	30086
LOWEST				35.2	20.0	7.7	89	79.5	20.3	40.9	59.1	5.6	25.6	3102	24040	35.2	21.0	7.6	85	78.5	22.5	44.5	59.5	5.2	25.4	3066	24870
CV (%)				9.6	7.6	8.1	4	2.8	12.0	9.3	3.7	8.3	15.0	5	10	6.9	4.3	6.9	4	2.8	12.0	8.6	3.5	9.5	13.5	5	10
LSD (5%)				3.3	1.8	0.7	4	2.3	2.9	4.3	2.2	0.5	4.7	164	2769	2.6	1.0	0.6	4	2.2	2.9	4.0	2.0	0.5	4.3	156	2808

TABLE 8E. HURON, INGHAM & KENT COUNTY SILAGE TRIALS - EARLY (95 - 104 Day) ZONE 2 - 3

2009				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	Strch	MK/T	MK/A	%DM	GT/A	DT/A	%Std	IVD	ADF	NDF	NDFD	CP	Strch	MK/T	MK/A
DAIRYLAND Hi DF-3000-9	100	P250	1,2,3	34.3	27.1	9.1	93	80.3	25.3	47.6	58.8	6.1	32.4	3196	29241	38.0	22.9	8.7	99	78.1	27.3	50.4	56.7	6.3	31.5	3022	26315
DYNAGRO 55R10	100	P250	1,2,3,4	33.4	28.4	9.2	87	80.7	25.3	47.7	59.6	5.9	32.5	3217	29583	40.5	21.7	8.8	87	79.9	25.6	47.4	57.5	6.0	33.6	3148	27516
DYNAGRO 55V48	102	P250	1,2,3	34.4	25.2	8.6	88	82.5	23.2	45.3	61.4	6.4	33.0	3336	28771	38.1	23.7	9.0	95	80.2	24.0	46.7	57.6	6.9	33.0	3167	28566
GREAT LAKES 5306G3VT3	103	P250	1,2,3	35.9	28.3	10.0 **	94	82.0	22.4	43.6	58.5	6.1	36.7	3322	32973	40.9	22.7	9.3 *	97	81.3	22.9	44.6	58.2	6.2	37.3	3254	30095
GREAT LAKES 5335HX	103	P250	2,3	35.6	26.1	9.2	95	83.3	21.2	41.5	59.7	6.2	39.4	3409	31214	40.6	21.7	8.8	99	81.0	22.8	44.2	56.8	6.5	38.0	3236	28462
HYLAND SEEDS HLSVT50	100	P250	1,2,3,8	36.0	25.5	9.0	90	81.5	23.2	44.7	58.6	5.9	36.2	3289	29635	40.1	20.5	8.2	96	80.9	21.8	43.4	56.0	6.5	39.8	3242	26622
LEGACY SEEDS L-5309GT	104	C250	1	31.4	28.9	9.1	89	81.2	24.7	46.9	60.1	6.1	33.1	3250	29435	34.8	27.1	9.4 *	91	80.6	25.0	47.8	59.4	6.2	33.7	3181	30037
LEGACY SEEDS L-5350GTCBLL	104	C250	1,2,4	37.1	26.7	9.8 *	93	83.3	20.7	40.4	58.6	5.9	39.4	3423	33467	41.3	22.3	9.2	97	83.0	20.1	39.4	56.8	6.0	41.7	3394	31251
MYCOGEN TMF2R521	98	C250	1,2,3,8	35.9	26.5	9.4 *	91	83.0	22.5	43.7	61.0	6.2	35.8	3376	31742	41.4	24.3	10.1 **	99	82.3	21.7	42.7	58.8	6.7	38.0	3326	33514
MYCOGEN TMF2W587	104	C250	1,2,3,4,8	34.3	27.2	9.2	93	81.1	24.5	46.4	59.4	6.4	33.8	3250	29861	39.5	22.9	9.0	98	81.3	23.5	44.9	58.5	7.0	35.4	3248	29286
NuTech 3T-603 VT3	103	C250	1,2,3	34.2	27.1	9.0	87	79.6	25.8	48.5	57.9	6.0	32.3	3146	28226	41.3	21.0	8.6	92	76.5	27.2	50.3	53.2	6.0	33.0	2937	25233
PIONEER 36Y26	101	P250	1,2,3,4,12,14	35.5	24.7	8.7	94	82.9	21.2	42.1	59.4	6.6	37.3	3382	29368	38.8	22.7	8.8	98	81.3	23.6	46.0	59.4	6.8	33.9	3236	28471
PIONEER 36V53	102	P250	1,2,4	34.3	27.2	9.3 *	95	81.6	24.5	46.7	60.6	6.1	33.0	3272	30332	38.5	24.5	9.4 *	97	79.5	25.2	47.2	56.7	6.5	34.0	3127	29443
RENK RK563CBLLRW	96	P250	2,3,4	37.7	23.7	8.7	91	80.7	24.4	46.3	58.4	6.2	36.0	3221	28100	44.8	16.6	7.4	97	76.3	29.0	52.9	55.2	6.1	30.5	2898	21518
RENK RK594GTCBLLRW	100	P250	1,2,3,4	37.5	23.9	8.9	92	81.4	23.8	46.3	59.8	5.8	34.9	3264	28889	43.1	21.3	9.1	98	79.7	25.8	49.4	59.1	6.0	34.1	3120	28459
RENK RK670VT3	102	P250	1,2,3	34.7	25.3	8.8	94	82.6	21.0	41.3	57.8	6.2	40.0	3374	29476	37.2	22.6	8.4	100	81.0	22.8	44.6	57.3	7.0	36.2	3229	27062
RENK RK616VT3	100	P250	1,2,3	36.1	25.0	8.9	93	83.0	22.2	43.7	61.1	6.1	37.5	3377	29887	41.6	20.3	8.4	91	81.0	23.0	45.4	58.0	6.5	36.3	3224	26975
RENK RK686VT3	103	P250	1,2,3	35.3	27.0	9.4 *	97	82.9	21.4	42.6	59.9	6.1	37.9	3380	31849	39.7	24.2	9.6 *	98	81.0	23.5	46.3	59.0	6.2	36.3	3219	30861
RENK RK698VT3	103	P250	1,2,3	34.8	25.7	8.9	95	81.9	22.8	44.7	59.7	5.9	36.2	3309	29549	35.8	22.5	8.0	95	78.3	26.1	49.4	56.1	6.3	32.0	3041	24399
STEWART SEEDS 4T458	95	P250	1,2,3	35.8	26.4	9.3 *	96	80.4	23.7	45.0	56.5	5.8	37.3	3222	30186	39.7	20.9	8.3	97	76.3	26.8	49.6	51.8	6.1	34.3	2926	24408
STEWART SEEDS 4T985	99	P250	1,2,3	37.3	25.4	9.3 *	96	80.2	24.1	45.8	56.9	5.9	34.6	3206	29856	39.4	22.3	8.8	98	77.4	26.9	50.2	55.0	6.1	30.0	2985	26119
AVERAGE				35.3	26.3	9.1	92	81.7	23.2	44.8	59.2	6.1	35.7	3296	30078	39.8	22.3	8.8	96	79.8	24.5	46.8	57.0	6.4	34.9	3150	27839
HIGHEST				38.7	28.9	10.0	97	83.3	25.8	48.5	61.4	6.4	40.0	3423	33467	44.8	27.1	10.1	100	83.0	29.0	52.9	59.4	7.0	41.7	3394	33514
LOWEST				31.4	23.7	8.6	87	79.6	20.7	40.4	56.5	5.8	32.3	3146	28100	34.8	16.6	7.4	87	76.3	20.1	39.4	51.8	6.0	30.0	2898	21518
CV (%)				6.6	6.2	8.1	6	2.1	10.1	7.9	3.2	6.4	10.6	4	10	5.9	5.5	6.2	4	2.8	11.7	9.2	4.1	4.9	12.9	5	8
LSD (5%)				2.2	1.5	0.7	5	1.6	2.2	3.3	1.8	0.4	3.5	116	2719	3.3	1.7	0.8	6	3.1	4.0	6.1	3.3	0.4	6.3	223	3314

2 Year Averages 2009 - 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	Strch	MK/T	MK/A	%DM	GT/A	DT/A	%Std	IVD	ADF	NDF	NDFD	CP	Strch	MK/T	MK/A
DYNAGRO 55R10	100	P250	1,2,3,4	33.7	26.3	8.7 *	92	81.3	24.4	46.3	59.6	6.0	33.0	3259	28272	35.9	26.5	9.3 *	92	80.5	24.9	46.6	58.3	6.7	32.1	3192	29638
DYNAGRO 55V48	102	P250	1,2,3	34.7	24.3	8.4 *	94	82.3	23.5	45.1	60.7	6.3	31.8	3315	27855	35.4	26.7	9.4 **	97	81.6	23.3	45.2	59.4	7.1	30.2	3230	30328
HYLAND SEEDS HLSVT50	100	P250	1,2,3,8	36.2	22.7	8.1	93	80.3	24.7	46.7	57.8	5.9	33.7	3205	26041	40.4	20.2	8.2	95	79.2	24.1	45.3	54.1	6.9	35.5	3128	25579
LEGACY SEEDS L-5350GTCBLL	104	C250	1,2,4	35.1	25.4	9.1 **	94	82.9	21.6	42.2	58.7	6.1	36.0	3378	30670	37.8	26.0	9.7 **	96	82.4	21.4	43.7	57.8	7.0	34.8	3311	32022
PIONEER 36V53	102	P250	1,2,4	33.7	25.3	8.5 *	96	81.5	24.7	46.7	60.5	6.2	32.7	3269	27732	34.8	26.2	9.1 *	98	79.5	25.7	47.6	57.0	7.0	31.3	3126	28355
STEWART SEEDS 4T985	99	P250	1,2,3	37.1	23.4	8.6 *	97	80.2	24.1	45.5	56.5	6.0	34.1	3207	27520	37.1	24.1	8.9 *	99	78.1	25.9	48.4	54.9	6.5	30.1	3041	27050
AVERAGE				35.1	24.6	8.6	94	81.4	23.8	45.4	59.0	6.1	33.5	3272	28015	36.9	25.0	9.1	96	80.2	24.2	46.1	56.9	6.9	32.3	3171	28829
HIGHEST				37.1	26.3	9.1	97	82.9	24.7	46.7	60.7	6.3	36.0	3378	30670	40.4	26.7	9.7	99	82.4	25.9	48.4	59.4	7.1	35.5	3311	32022
LOWEST				33.7	22.7	8.1	92	80.2	21.6	42.2	56.5	5.9	31.8	3205	26041	34.8	20.2	8.2	92	78.1	21.4	45.2	54.1	6.5	30.1	3041	25579
CV (%)				9.3	7.4	10.7	4	3.2	13.1	10.5	6.2	13.1	14.1	5	11	6.5	6.3	6.8	4	3.0	11.4	9.0	5.0	6.1	13.0	5	10
LSD (5%)				2.8	1.7	0.7	4	2.0	2.6	4.0	2.8	0.5	4.2	144	2066	2.5	1.5	0.6	3	2.4	2.8	4.2	2.8	0.4	4.4	166	2829

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

2009				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	Strch	MK/T	MK/A	%DM	GT/A	DT/A	%Std	IVD	ADF	NDF	NDFD	CP	Strch	MK/T	MK/A
DAIRYLAND Hi DF-3000-9	100	P250	1,2,3	35.6	24.5	8.7	84	83.3	21.5	42.1	60.3	6.3	37.5	3406	29776	29.3	34.0	10.0 *	97	79.6	27.1	50.4	59.5	5.8	28.3	3161	31633
DYNAGRO 55R10	100	P250	1,2,3,4	30.4	28.8	8.7	83	79.9	26.5	49.4	59.4	6.2	30.8	3155	27568	29.2	34.6	10.1 *	92	82.4	23.7	46.3	62.0	5.6	33.1	3349	33665
DYNAGRO 55V48	102	P250	1,2,3	34.6	26.0	9.0	78	83.4	21.2	41.6	60.1	6.5	36.4	3416	30691	30.5	26.0	7.9	92	84.0	24.4	47.7	66.4	5.7	29.6	3424	27056
GREAT LAKES 5306G3VT3	103	P250	1,2,3	36.6	26.9	9.9 *	90	83.5	19.8	38.8	57.4	6.1	41.5	3445	34072	30.2	35.3	10.7 *	95	81.1	24.6	47.3	60.0	6.1	31.4	3268	34753
GREAT LAKES 5335HX	103	P250	2,3	34.6	27.3	9.4 *	89	83.0	21.7	41.4	58.9	6.0	39.9	3397	31861	31.7	29.3	9.3 *	96	85.8	19.0	39.0	63.5	6.1	40.4	3595	33320
HYLAND SEEDS HLSVT50	100	P250	1,2,3,8	36.9	25.5	9.4 *	88	80.8	25.1	46.7	58.8	5.4	33.4	3231	30343	30.9	30.6	9.4 *	86	82.9	22.6	44.0	61.1	5.9	35.5	3395	31938
LEGACY SEEDS L-5309GT	104	C250	1	31.1	28.5	8.9	86	81.3	24.9	46.6	59.9	6.3	31.5	3255	28829	28.4	31.1	8.9 *	89	81.8	24.3	46.3	60.9	5.8	34.1	3314	29437
LEGACY SEEDS L-5350GTCBLL	104	C250	1,2,4	38.3	27.2	10.4 **	89	84.3	19.7	38.8	59.5	6.0	39.7	3490	36316	31.7	30.7	9.7 *	92	82.6	22.2	42.9	59.4	5.8	36.8	3385	32833
MYCOGEN TMF2R521	98	C250	1,2,3,8	36.4	26.8	9.7 *	86	83.1	22.1	42.5	60.1	6.4	36.9	3389	32890	29.8	28.5	8.5	88	83.5	23.6	46.0	64.1	5.5	32.6	3412	28823
MYCOGEN TMF2W587	104	C250	1,2,3,4,8	32.9	27.7	9.1	86	80.5	24.9	46.4	58.0	6.1	34.6	3213	29252	30.5	31.0	9.5 *	94	81.6	25.1	47.9	61.6	6.2	31.4	3290	31045
NuTech 3T-603 VT3	103	C250	1,2,3	33.9	29.5	10.0 *	86	79.7	26.9	49.4	58.8	5.8	30.9	3144	31436	27.3	30.7	8.4	82	82.5	23.3	45.8	61.8	6.2	32.9	3357	28009
PIONEER 36Y26	101	P250	1,2,3,4,12,14	37.2	24.0	8.9	92	82.8	20.7	40.9	58.0	6.5	38.6	3388	30224	30.6	27.3	8.4	91	84.6	19.2	39.5	60.9	6.6	39.5	3520	29408
PIONEER 36V53	102	P250	1,2,4	31.8	27.0	8.6	91	81.9	25.2	48.1	62.3	5.9	29.3	3275	28079	32.6	30.1	9.8 *	96	83.4	23.2	44.9	62.9	5.8	35.7	3413	33474
RENK RK563CBLLRW	96	P250	2,3,4	35.1	26.2	9.2	86	82.8	22.7	43.7	60.5	6.1	37.9	3362	30968	33.2	28.2	9.4 *	91	82.9	21.5	42.3	59.5	6.3	39.5	3404	31815
RENK RK594GTCBLLRW	100	P250	1,2,3,4	37.4	24.0	9.0	82	81.7	22.4	43.5	57.9	5.8	37.6	3306	29563	32.1	26.3	8.5	95	82.7	23.2	46.1	62.5	5.7	32.9	3367	28644
RENK RK670VT3	102	P250	1,2,3	36.8	26.6	9.8 *	94	82.8	20.2	39.6	56.6	6.0	41.4	3400	33274	30.1	26.6	8.1	89	84.0	20.0	39.6	59.6	5.5	42.3	3492	28093
RENK RK616VT3	100	P250	1,2,3	36.2	26.5	9.5 *	92	82.4	22.9	43.9	59.7	6.0	36.5	3342	31852	30.5	28.3	8.7 *	98	85.6	20.6	41.7	65.5	5.7	39.7	3565	30834
RENK RK686VT3	103	P250	1,2,3	35.5	27.3	9.7 *	95	82.7	21.7	42.3	59.0	6.4	37.1	3371	32743	30.6	29.6	9.0 *	99	85.0	19.1	39.2	61.6	5.7	40.4	3549	31944
RENK RK698VT3	103	P250	1,2,3	36.8	25.2	9.3 *	94	83.3	21.0	41.5	59.8	5.6	39.6	3417	31783	31.8	29.4	9.4 *	95	84.1	21.4	43.3	63.2	5.8	36.9	3468	32466
STEWART SEEDS 4T458	95	P250	1,2,3	35.8	27.3	9.8 *	95	82.1	22.6	42.5	57.9	5.4	39.1	3342	32690	32.0	30.9	9.9 *	97	82.8	21.7	42.8	59.7	5.8	38.6	3397	33461
STEWART SEEDS 4T985	99	P250	1,2,3	39.7	23.4	9.2	92	82.8	20.9	40.8	57.8	5.9	39.0	3391	31187	32.9	30.4	10.0 *	98	80.5	24.5	46.5	58.0	5.7	34.9	3241	32262
AVERAGE				35.4	26.5	9.3	88	82.3	22.6	43.3	59.1	6.0	36.6	3340	31209	30.7	29.9	9.2	93	83.0	22.6	44.2	61.6	5.8	35.5	3398	31186
HIGHEST				39.7	29.5	10.4	95	84.3	26.9	49.4	62.3	6.5	41.5	3490	36316	33.2	35.3	10.7	99	85.8	27.1	50.4	66.4	6.6	42.3	3595	34753
LOWEST				30.4	23.4	8.6	77	79.7	19.7	38.8	56.6	5.4	29.3	3144	27568	27.3	26.0	7.9	82	79.6	19.0	39.0	58.0	5.5	28.3	3161	27056
CV (%)				6.5	7.5	8.6	8	1.6	9.1	7.2	2.6	7.8	9.0	3	10	7.9	4.9	10.6	4	1.6	7.7	5.8	2.6	7.4	8.7	3	11
LSD (5%)				3.2	2.8	1.1	10	1.9	2.9	4.4	2.2	0.7	4.7	139	4523	5.1	3.1	2.0	7	2.8	3.6	5.4	3.3	0.9	6.5	191	6953

2 Year Averages 2009 - 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	Strch	MK/T	MK/A	%DM	GT/A	DT/A	%Std	IVD	ADF	NDF	NDFD	CP	Strch	MK/T	MK/A
DYNAGRO 55R10	100	P250	1,2,3,4	32.0	25.5	8.1	91	80.8	25.2	47.6	59.8	6.2	32.1	3232	26179	33.3	26.9	8.7 *	94	82.4	23.2	44.8	60.7	5.2	34.9	3352	28999
DYNAGRO 55V48	102	P250	1,2,3	35.8	23.9	8.6 *	88	83.5	21.5	41.9	60.7	6.5	35.2	3431	29358	32.8	22.3	7.2	96	81.8	25.6	48.2	62.2	5.2	30.1	3284	23879
HYLAND SEEDS HLSVT50	100	P250	1,2,3,8	36.0	22.1	8.0	92	80.3	25.6	48.2	59.1	5.8	33.0	3203	25669	32.0	25.7	8.1 *	91	81.5	24.4	46.5	60.2	5.1	32.5	3282	26875
LEGACY SEEDS L-5350GTCBLL	104	C250	1,2,4	36.1	24.7	9.0 **	93	83.6	21.0	40.2	59.2	5.9	39.0	3449	30925	31.5	25.5	8.6 *	94	82.6	22.4	42.7	59.0	5.5	34.2	3373	29063
PIONEER 36V53	102	P250	1,2,4	32.3	24.2	7.8	95	82.5	24.5	46.8	62.6	6.1	32.5	3332	25869	34.0	25.5	8.6 *	96	82.6	23.8	45.8	61.9	5.5	34.2	3349	28971
STEWART SEEDS 4T985	99	P250	1,2,3	37.6	21.3	8.0	96	81.8	22.7	43.8	58.6	5.9	35.7	3323	26731	36.6	24.8	8.8 **	97	80.6	23.8	44.2	56.1	5.5	36.4	3255	28779
AVERAGE				35.0	23.6	8.2	93	82.1	23.4	44.7	60.0	6.1	34.6	3328	27455	33.4	25.1	8.3	95	81.9	23.9	45.4	60.0	5.3	33.7	3316	27761
HIGHEST				37.6	25.5	9.0	96	83.6	25.6	48.2	62.6	6.5	39.0	3449	30925	36.6	26.9	8.8	97	82.6	25.6	48.2	62.2	5.5	36.4	3373	29063
LOWEST				32.0	21.3	7.8	88	80.3	21.0	40.2	58.6	5.8	32.1	3203	25669	31.5	22.3	7.2	91	80.6	22.4	42.7	56.1	5.1	30.1	3255	23879
CV (%)				7.9	7.0	8.7	6	2.2	11.0	8.8	4.4	7.6	11.2	4	10	8.1	5.0	8.1	4	1.9	8.9	7.3	3.9	8.7	10.1	3	9
LSD (5%)				2.8	1.8	0.8	5	1.8	2.5	3.8	2.6	0.5	4.0	131	3093	3.1	1.7	0.9	5	2.0	2.5	4.0	2.9	0.6	4.3	134	3076

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

TABLE 8L. HURON, INGHAM & KENT COUNTY SILAGE TRIALS - LATE (105 - 110 Day) ZONE 2 - 3

2009				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	Strch	MK/T	MK/A	%DM	GT/A	DT/A	%Std	IVD	ADF	NDF	NDFD	CP	Strch	MK/T	MK/A
CHANNEL 210-61VT3 Brand	110	P250	1,2,3	35.0	26.5	9.3 *	97	81.6	23.1	44.2	58.4	6.0	35.1	3293	30627	33.4	25.5	8.5 *	98	80.0	25.4	46.9	57.3	6.3	32.9	3168	26931
DAIRYLAND Hi DF-3008-4	108	P250	1,3	34.7	26.7	9.3 *	96	80.7	23.7	45.8	58.0	6.1	34.7	3229	30037	35.6	26.1	9.3 **	97	79.4	25.8	48.4	57.5	6.4	32.5	3124	29078
DAIRYLAND Hi DF-3104	105	P250		33.1	28.5	9.4 *	95	79.6	27.5	50.8	59.8	6.2	26.3	3093	29250	33.4	27.4	9.1 *	94	77.2	32.5	56.9	60.0	6.3	24.3	2920	26612
DAIRYLAND Hi DF-3105-Q	105	C250	1,2,3,4	32.9	29.2	9.6 *	96	80.1	24.7	47.0	57.7	5.9	32.2	3186	30580	32.2	27.5	8.8 *	94	78.0	26.9	49.8	55.8	6.3	29.9	3033	26836
DAIRYLAND Hi DF-3110-6	110	P250	1	29.7	29.0	8.6	91	77.7	28.5	51.9	57.0	5.7	26.4	3008	25948	29.4	26.9	7.9	87	76.3	30.6	54.2	56.3	6.1	25.4	2898	22701
DAIRYLAND STEALTH-8208	106	P250	2,3,4	33.9	28.8	9.8 **	97	80.2	25.5	48.7	59.3	5.7	30.4	3165	31160	33.0	27.3	9.0 *	97	77.1	29.3	53.6	57.3	6.1	27.0	2949	26499
DYNAGRO 56R29	106	P250	1,2,3,4	32.5	27.5	8.9	91	80.8	25.1	47.8	59.8	5.7	31.2	3218	28710	31.5	27.7	8.7 *	92	79.9	25.8	47.9	58.0	6.4	29.8	3153	27397
G2 GENETICS 5H-005 RR/HX	105	C250	1,2,4	33.5	29.2	9.8 **	96	80.9	25.3	47.6	59.9	6.1	33.3	3221	31640	31.9	27.4	8.7 *	97	79.5	27.4	50.9	59.7	6.2	30.6	3102	27050
G2 GENETICS 5X-909 RR/HXT	109	C250	1,2,3,4	33.2	27.7	9.2	92	82.7	22.3	43.5	60.3	6.4	33.8	3361	30910	33.0	25.7	8.5 *	95	82.3	22.6	43.6	59.3	6.7	33.7	3322	28099
LEGACY SEEDS L-6609HXTRR	108	C250	1,2,3,4	32.8	26.8	8.8	95	79.2	26.4	50.5	58.9	5.8	26.6	3095	27222	33.1	26.8	8.9 *	95	79.1	26.3	50.7	58.8	6.2	29.3	3086	27311
MYCOGEN TMF2Q716	109	C250	1,2,3,4,8	34.0	27.5	9.3 *	94	80.1	25.7	48.7	59.3	6.2	31.8	3171	29558	35.7	25.2	9.0 *	95	78.5	27.3	51.1	58.0	6.5	28.8	3047	27421
PIONEER 35F44	105	P250	1,2,3,4,11,12,14	33.3	27.0	9.0	94	81.3	24.1	45.5	59.1	6.1	34.3	3266	29432	32.3	25.7	8.3	94	80.0	25.7	47.6	57.9	6.6	31.7	3161	26298
PIONEER 34A89	109	P250	1,2,3,4,12	32.2	27.8	8.9	94	81.1	25.7	48.1	60.7	5.8	31.2	3229	28836	30.8	27.7	8.5 *	97	80.1	26.5	49.5	59.9	6.3	27.1	3151	26776
RENK RK711RRHXTRA	107	P250	1,2,3,4	34.1	25.9	8.8	93	80.1	24.4	46.9	57.5	6.2	32.4	3184	28096	33.3	24.3	8.1	92	78.4	26.7	49.6	56.4	6.3	31.7	3056	24622
RENK RK744VT3	107	P250	1,2	33.9	27.0	9.1	93	81.0	24.0	45.7	58.5	6.1	33.5	3245	29505	36.5	24.4	8.9 *	94	80.0	25.7	48.6	58.8	6.2	31.3	3151	27963
STEWART SEEDS 6T725	107	P250	1,2,3	34.5	26.5	9.1	96	81.5	22.3	43.2	57.2	6.2	37.5	3295	30093	35.3	23.9	8.4 *	97	80.1	23.6	45.3	56.1	6.5	36.5	3189	26869
STEWART SEEDS 7T630	109	P250	1,2,3	32.7	29.0	9.4 *	96	82.7	22.6	44.0	60.7	6.1	35.6	3352	31636	31.4	28.2	8.8 *	98	81.2	24.6	46.7	59.8	6.4	31.9	3239	28409
TRELAY 6T226	106	P250	1,2,3	36.7	26.8	9.8 **	97	80.0	25.0	46.6	57.1	5.7	35.1	3182	31540	36.5	21.8	8.0	98	77.2	27.4	50.6	54.9	5.7	33.7	2985	23811
TRELAY 6VT981	107	P250	1,2,3	34.0	26.9	9.1	92	82.6	22.3	43.3	59.7	6.3	35.7	3352	30696	31.5	26.2	8.3	91	81.7	24.0	46.0	60.2	6.5	32.8	3271	27172
AVERAGE				33.5	27.6	9.2	94	80.7	24.7	46.8	58.9	6.0	32.5	3218	29762	33.1	26.1	8.6	95	79.3	26.5	49.4	58.0	6.3	30.6	3105	26729
HIGHEST				36.7	29.2	9.8	97	82.7	28.5	51.9	60.7	6.4	37.5	3361	31640	36.5	28.2	9.3	98	82.3	32.5	56.9	60.2	6.7	36.5	3322	29078
LOWEST				29.7	25.9	8.6	91	77.7	22.3	43.2	57.0	5.7	26.3	3008	25948	29.4	21.8	7.9	87	76.3	22.6	43.6	54.9	5.7	24.3	2898	22701
CV (%)				8.1	6.7	9.2	5	2.0	8.9	6.8	3.2	7.3	11.6	4	10	8.2	5.1	7.7	6	2.5	10.1	7.6	3.5	7.1	13.3	5	10
LSD (5%)				1.8	1.1	0.5	4	1.4	1.9	2.7	1.6	0.4	3.2	98	2613	3.8	1.9	0.9	8	2.8	3.8	5.3	2.9	0.6	5.8	197	3876

2 Year Averages 2009 - 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	Strch	MK/T	MK/A	%DM	GT/A	DT/A	%Std	IVD	ADF	NDF	NDFD	CP	Strch	MK/T	MK/A
DAIRYLAND Hi DF-3008-4	108	P250	1,3	35.3	25.3	8.9 *	97	78.9	25.9	48.3	56.4	6.0	31.0	3097	27843	35.5	27.6	9.8 *	97	78.9	25.7	47.0	55.1	6.7	31.2	3091	30423
DAIRYLAND Hi DF-3104	105	P250		32.4	26.7	8.6	97	79.5	26.8	49.2	58.4	6.1	27.0	3111	26739	31.7	29.6	9.3 *	97	77.9	29.8	53.1	58.3	6.7	24.2	2975	27706
DAIRYLAND Hi DF-3110-6	110	P250	1	31.2	29.0	9.0 *	94	78.5	27.1	49.5	56.4	5.9	27.2	3058	27503	30.2	31.1	9.4 *	94	76.6	29.0	51.1	54.1	6.7	26.4	2923	27505
DAIRYLAND STEALTH-8208	106	P250	2,3,4	34.0	27.5	9.3 **	95	79.0	26.3	49.3	57.5	5.8	28.8	3092	29011	32.9	29.7	9.8 *	98	77.0	28.1	51.3	55.3	6.7	26.7	2947	28885
MYCOGEN TMF2Q716	109	C250	1,2,3,4,8	35.2	26.2	9.1 *	97	80.5	25.4	47.6	59.0	6.0	32.0	3189	29187	36.0	28.0	10.1 **	98	79.6	25.6	47.4	57.0	6.7	30.9	3126	31588
PIONEER 34A89	109	P250	1,2,3,4,12	34.2	26.4	8.9 *	96	80.4	26.3	48.6	59.6	5.9	29.6	3176	28300	31.2	30.4	9.5 *	98	79.3	27.5	49.9	58.6	6.5	26.7	3083	29145
TRELAY 6T226	106	P250	1,2,3	38.8	23.6	9.0 *	98	78.6	26.2	48.5	56.0	5.6	33.2	3082	27922	36.6	22.8	8.4	99	77.1	27.4	50.3	54.5	6.4	31.8	2961	24767
AVERAGE				34.4	26.4	9.0	96	79.3	26.3	48.7	57.6	5.9	29.8	3115	28072	33.4	28.5	9.5	97	78.1	27.6	50.0	56.1	6.7	28.2	3015	28574
HIGHEST				38.8	29.0	9.3	98	80.5	27.1	49.5	59.6	6.1	33.2	3189	29187	36.6	31.1	10.1	99	79.6	29.8	53.1	58.6	6.7	31.8	3126	31588
LOWEST				31.2	23.6	8.9	94	78.5	25.4	47.6	56.0	5.6	27.0	3058	26739	30.2	22.8	8.4	94	76.6	25.6	47.0	54.1	6.4	24.2	2923	24767
CV (%)				8.3	6.5	9.1	7	3.5	13.2	10.3	4.8	12.5	15.6	6	13	8.9	4.5	9.2	5	2.8	10.5	8.2	4.1	6.8	14.3	5	13
LSD (5%)				2.3	1.3	0.6	4	2.1	2.5	3.8	2.2	0.4	4.1	145	3054	2.9	1.2	0.8	5	2.2	2.8	4.0	2.3	0.4	4.3	155	3592

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

2009				INGHAM - LATE											KENT - 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	Strch	MK/T	MK/A	%DM	GT/A	DT/A	%Std	IVD	ADF	NDF	NDFD	CP	Strch	MK/T	MK/A
CHANNEL 210-61VT3 Brand	110	P250	1,2,3	35.4	26.2	9.3 *	94	82.0	22.7	43.7	58.7	5.5	34.9	3319	30812	36.1	27.9	10.1 *	98	82.9	21.1	41.9	59.2	6.1	37.4	3393	34136
DAIRYLAND Hi DF-3008-4	108	P250	1,3	32.7	26.1	8.5	96	79.2	25.1	47.6	56.2	5.7	32.6	3130	26608	35.8	28.0	10.0 *	95	83.5	20.3	41.4	60.2	6.3	38.9	3432	34426
DAIRYLAND Hi DF-3104	105	P250		32.6	26.9	8.8 *	95	79.5	27.6	51.5	60.3	5.9	21.8	3033	26672	33.2	31.3	10.4 *	98	82.0	22.4	44.0	59.2	6.4	32.9	3326	34467
DAIRYLAND Hi DF-3105-Q	105	C250	1,2,3,4	33.4	29.7	9.9 *	97	80.8	24.1	46.2	58.5	5.9	31.8	3232	31915	33.1	30.4	10.0 *	97	81.5	23.2	45.0	58.9	5.6	35.0	3292	32989
DAIRYLAND Hi DF-3110-6	110	P250	1	29.7	27.8	8.3	93	78.1	27.8	50.8	56.9	5.7	24.1	3045	25200	30.1	32.4	9.7	92	78.6	27.2	50.8	57.7	5.3	29.7	3081	29943
DAIRYLAND STEALTH-8208	106	P250	2,3,4	32.0	28.4	9.1 *	97	79.2	28.2	53.0	60.8	5.0	23.9	3061	27909	36.6	30.6	11.2 *	97	84.2	19.0	39.5	59.7	6.0	40.2	3484	39070
DYNAGRO 56R29	106	P250	1,2,3,4	33.1	27.2	9.0 *	89	81.1	24.9	47.7	60.2	5.6	30.2	3234	29071	32.8	27.7	9.1	93	81.5	24.6	47.7	61.2	5.1	33.5	3268	29663
G2 GENETICS 5H-005 RR/HX	105	C250	1,2,4	32.5	29.7	9.6 *	93	80.1	26.9	49.3	59.6	6.2	30.8	3162	30365	36.0	30.6	11.0 *	97	83.1	21.7	42.7	60.4	5.9	38.4	3398	37504
G2 GENETICS 5X-909 RR/HXT	109	C250	1,2,3,4	35.1	27.3	9.6 *	90	83.7	21.1	41.4	60.7	6.5	35.5	3435	33015	31.5	30.2	9.5	90	82.2	23.3	45.4	60.9	6.1	32.2	3326	31617
LEGACY SEEDS L-6609HXTRR	108	C250	1,2,3,4	31.4	25.7	8.1	93	78.9	27.1	51.8	59.3	5.9	21.0	3041	24421	33.8	28.0	9.5	96	79.7	25.7	48.9	58.5	5.3	29.4	3159	29935
MYCOGEN TMF2Q716	109	C250	1,2,3,4,8	32.8	28.7	9.4 *	91	79.7	26.6	49.5	59.0	5.9	31.8	3141	29346	33.5	28.7	9.6	96	82.2	23.1	45.4	60.8	6.1	34.8	3324	31906
PIONEER 35F44	105	P250	1,2,3,4,11,12,14	33.5	27.1	9.0 *	94	80.3	25.3	46.9	58.0	5.7	32.4	3199	28886	34.2	28.2	9.6	95	83.7	21.3	42.1	61.4	6.1	38.9	3438	33113
PIONEER 34A89	109	P250	1,2,3,4,12	35.4	26.9	9.5 *	93	82.9	22.8	44.7	61.7	5.6	34.3	3360	31890	30.5	28.7	8.8	92	80.2	27.9	50.0	60.5	5.4	32.2	3177	27842
RENK RK711RRHXTRA	107	P250	1,2,3,4	34.9	25.8	9.0 *	90	80.9	23.3	44.9	57.5	6.2	32.0	3248	29272	34.0	27.5	9.3	95	80.9	23.2	46.1	58.6	6.0	33.6	3248	30393
RENK RK744VT3	107	P250	1,2	34.4	27.2	9.4 *	88	82.3	21.9	42.7	58.5	5.9	36.8	3343	31285	30.9	29.3	9.0	96	80.8	24.3	45.8	58.1	6.2	32.3	3242	29266
STEWART SEEDS 6T725	107	P250	1,2,3	35.8	26.7	9.6 *	99	83.3	20.0	39.2	57.4	5.9	41.9	3432	32809	32.4	29.0	9.4	92	81.1	23.4	45.2	58.2	6.2	34.2	3264	30601
STEWART SEEDS 7T630	109	P250	1,2,3	34.0	29.3	9.9 **	93	82.8	22.3	43.2	60.1	6.2	36.2	3365	33379	32.7	29.4	9.6	96	84.0	21.0	42.2	62.1	5.8	38.6	3453	33122
TRELAY 6T226	106	P250	1,2,3	35.0	28.5	9.9 **	99	79.9	25.5	46.9	57.0	5.4	33.2	3178	31513	38.5	30.2	11.6 **	94	82.8	22.2	42.2	59.4	6.0	38.5	3384	39297
TRELAY 6VT981	107	P250	1,2,3	36.7	26.5	9.7 *	91	83.2	20.8	41.3	59.2	6.2	38.1	3404	33151	33.7	27.9	9.4	95	82.8	22.2	42.7	59.6	6.3	36.1	3380	31765
AVERAGE				33.7	27.4	9.2	93	80.9	24.4	46.4	58.9	5.8	31.7	3230	29869	33.6	29.3	9.8	95	82.0	23.0	44.7	59.7	5.9	35.1	3319	32687
HIGHEST				36.7	29.7	9.9	99	83.7	28.2	53.0	61.7	6.5	41.9	3435	33379	38.5	32.4	11.6	98	84.2	27.9	50.8	62.1	6.4	40.2	3484	39297
LOWEST				29.7	25.7	8.1	88	78.1	20.0	39.2	56.2	5.0	21.0	3033	24421	30.1	27.5	8.8	90	78.6	19.0	39.5	57.7	5.1	29.4	3081	27842
CV (%)				6.0	8.0	8.4	4	1.5	7.3	5.4	2.8	7.9	9.1	3	10	9.3	5.0	9.6	5	1.8	8.8	7.3	3.3	8.4	12.5	3	12
LSD (5%)				2.9	3.1	1.1	6	1.7	2.5	3.6	2.3	0.7	4.1	136	4084	5.2	2.4	1.6	8	2.4	3.4	5.4	3.2	0.8	7.3	171	6208

2 Year Averages 2009 - 2008				INGHAM - LATE											KENT - 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	Strch	MK/T	MK/A	%DM	GT/A	DT/A	%Std	IVD	ADF	NDF	NDFD	CP	Strch	MK/T	MK/A
DAIRYLAND Hi DF-3008-4	108	P250	1,3	35.6	23.6	8.3	97	78.2	26.7	50.2	56.5	5.7	30.3	3060	25499	34.9	24.8	8.7	96	79.6	25.4	47.8	57.7	5.4	31.6	3140	27607
DAIRYLAND Hi DF-3104	105	P250		32.1	24.9	8.0	96	80.3	26.0	48.3	59.1	6.3	25.7	3139	25079	33.3	25.5	8.5	98	80.4	24.7	46.2	57.7	5.4	31.2	3218	27431
DAIRYLAND Hi DF-3110-6	110	P250	1	31.5	26.8	8.4	95	79.4	26.7	49.7	58.7	5.8	25.6	3131	26409	32.0	28.9	9.2 *	95	79.4	25.8	47.5	56.5	5.1	29.7	3121	28594
DAIRYLAND STEALTH-8208	106	P250	2,3,4	33.9	25.4	8.5 *	91	79.1	27.5	51.8	59.6	5.4	26.0	3084	26339	35.1	27.5	9.7 **	97	81.0	23.2	44.8	57.7	5.5	33.7	3243	31808
MYCOGEN TMF2Q716	109	C250	1,2,3,4,8	35.7	24.9	8.7 *	95	80.2	26.6	49.4	59.9	5.9	31.3	3174	27657	33.9	25.6	8.7	98	81.6	24.1	45.9	59.9	5.4	33.8	3268	28315
PIONEER 34A89	109	P250	1,2,3,4,12	37.3	23.8	8.8 *	96	81.8	24.9	48.1	62.1	5.8	30.7	3272	28822	34.3	25.2	8.5	94	80.1	26.5	47.7	58.2	5.5	31.3	3172	26934
TRELAY 6T226	106	P250	1,2,3	42.6	22.7	9.2 **	98	78.5	26.8	50.1	57.1	5.4	31.7	3081	28324	37.2	25.3	9.4 *	96	80.2	24.2	45.0	56.4	4.9	36.0	3204	30677
AVERAGE				35.5	24.6	8.6	95	79.6	26.5	49.6	59.0	5.8	28.8	3134	26876	34.4	26.1	8.9	96	80.3	24.8	46.4	57.7	5.3	32.5	3195	28767
HIGHEST				42.6	26.8	9.2	98	81.8	27.5	51.8	62.1	6.3	31.7	3272	28822	37.2	28.9	9.7	98	81.6	26.5	47.8	59.9	5.5	36.0	3268	31808
LOWEST				31.5	22.7	8.0	91	78.2	24.9	48.1	56.5	5.4	25.6	3060	25079	32.0	24.8	8.5	94	79.4	23.2	44.8	56.4	4.9	29.7	3121	26934
CV (%)				7.7	7.8	8.1	7	2.5	9.7	7.3	3.6	7.2	11.6	4	10	7.9	5.7	8.3	4	2.3	10.4	8.3	3.3	8.2	12.2	4	10
LSD (5%)				2.7	2.0	0.7	6	2.0	2.4	3.4	2.1	0.4	3.5	139	2858	2.9	1.7	0.8	4	2.0	2.7	4.0	2.1	0.5	4.4	142	3313

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

TABLE 9. MENOMINEE (LATE), OGEMAW & OSCEOLA COUNTY SILAGE TRIALS (90 - 104 Day) ZONE 4

2009				TRIAL AVERAGE												MENOMINEE - 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	Strch	MK/T	MK/A	%DM	GT/A	DT/A	%Std	IVD	ADF	NDF	NDFD	CP	Strch	MK/T	MK/A
DAIRYLAND Hi DF-3000-9	100	P250	1,2,3	33.3	20.8	7.0	99	82.0	22.2	44.4	59.3	6.7	35.8	3308	22829	37.0	20.7	7.7 *	99	79.8	22.7	45.4	55.5	7.0	37.2	3146	24084
DAIRYLAND STEALTH-9196	96	P250	1,2,3	36.6	19.4	7.1	99	81.3	21.5	42.8	56.5	6.4	39.9	3283	23105	40.3	20.9	8.3 *	97	77.2	25.8	50.1	54.5	6.7	35.1	2958	24573
DAIRYLAND STEALTH-9799	99	P250	1,2,3	33.8	19.4	6.5	99	79.8	23.4	45.4	55.8	6.6	36.0	3175	20446	32.8	21.6	7.0	97	73.6	29.1	53.6	50.7	7.1	30.6	2725	18935
DYNAGRO 55R10	100	P250	1,2,3,4	33.2	22.4	7.4 *	95	82.1	23.2	46.3	61.5	6.5	34.2	3300	24454	32.9	22.0	7.2	88	78.8	26.4	52.0	59.3	6.9	29.9	3024	21722
DYNAGRO 55V48	102	P250	1,2,3	33.0	20.8	6.8	97	82.5	21.3	42.6	59.0	6.5	37.4	3355	22853	34.6	20.2	7.0	94	80.6	21.8	44.0	56.0	7.1	38.1	3205	22271
GREAT LAKES 4041G3VT3	90	P250	1,2,3	36.7	20.1	7.3 *	99	81.6	22.8	44.9	59.0	6.8	36.6	3282	23960	40.1	21.2	8.3 *	96	79.6	24.3	46.9	56.4	6.9	37.6	3119	25864
GREAT LAKES 4481G3VT3	94	P250	1,2,3	34.5	20.5	7.0	96	81.3	23.3	45.2	58.8	6.6	35.0	3261	22875	34.0	22.1	7.4 *	92	77.4	28.8	53.2	57.5	6.6	27.7	2936	21732
MYCOGEN TMF2L418	94	C250	1,2,3,4,8	34.8	19.4	6.7	99	81.5	24.0	47.3	61.1	6.6	31.2	3248	21704	36.8	19.6	7.1	96	77.7	27.6	52.7	57.8	6.7	25.4	2932	20863
MYCOGEN TMF2R521	98	C250	1,2,3,8	33.3	21.5	7.1	97	82.0	22.5	44.6	59.8	6.7	35.8	3306	23544	34.8	21.0	7.3	92	78.6	25.3	49.0	56.3	7.2	33.0	3043	22047
MYCOGEN TMF2W587	104	C250	1,2,3,4,8	33.6	21.7	7.3 *	99	81.9	22.0	43.4	58.5	6.8	37.7	3313	24117	33.9	24.7	8.4 **	99	78.9	24.8	47.7	55.8	7.2	35.5	3073	25798
NuTech 3T-600 VT3	100	P250	1,2,3	32.3	21.5	6.9	92	81.4	23.8	46.3	59.7	6.6	33.7	3258	22671	32.6	20.6	6.7	83	78.8	24.5	47.4	55.2	7.2	34.0	3069	20675
NuTech 5X-100 RR/HXT	100	P250	1,2,3,4	33.2	23.2	7.7 **	99	81.7	22.8	45.4	59.8	6.7	36.2	3281	25256	34.3	21.4	7.4 *	98	79.4	24.3	48.4	57.6	7.1	35.6	3094	22758
NuTech 3T-603 VT3	103	C250	1,2,3	32.0	24.2	7.7 **	96	79.4	24.4	47.3	56.5	6.5	34.0	3141	24150	33.5	24.5	8.1 *	91	76.2	26.6	50.4	52.7	7.0	33.1	2898	23531
PIONEER 38M60	94	P250	1,2,3,4,11,14	38.0	17.7	6.7	99	82.1	21.5	43.6	59.2	6.4	37.2	3324	22072	40.5	20.8	8.4 **	96	78.8	24.6	48.5	56.3	6.6	33.8	3062	25805
PIONEER 38P43	95	P250	1,2,3,4,12	38.8	16.9	6.6	99	80.8	23.1	46.2	58.5	6.4	36.2	3228	21135	43.8	17.6	7.7 *	98	78.3	24.9	48.8	55.4	6.7	35.3	3028	23325
PIONEER 36Y26	101	P250	1,2,3,4,12,14	32.2	22.4	7.2 *	100	81.3	23.8	46.3	59.7	7.0	33.7	3250	23299	31.2	23.2	7.2	99	77.4	27.4	51.5	56.0	7.1	31.2	2953	21298
AVERAGE				34.3	20.7	7.1	98	81.4	22.8	45.1	58.9	6.6	35.7	3269	23029	35.8	21.4	7.6	95	78.2	25.5	49.3	55.8	6.9	33.3	3017	22830
HIGHEST				38.8	24.2	7.7	100	82.5	24.4	47.3	61.5	7.0	39.9	3355	25256	43.8	24.7	8.4	99	80.6	29.1	53.6	59.3	7.2	38.1	3205	25864
LOWEST				32.0	16.9	6.5	92	79.8	21.3	42.6	55.8	6.4	31.2	3141	20446	31.2	17.6	6.7	83	73.6	21.8	44.0	50.7	6.6	25.4	2725	18935
CV (%)				7.4	8.5	9.3	3	1.9	10.2	7.7	2.9	6.3	10.2	3	11	7.6	9.5	9.7	5	2.9	13.1	10.0	3.6	6.0	14.4	6	12
LSD (5%)				2.1	1.4	0.5	3	1.3	1.9	2.8	1.4	0.3	2.9	91	1964	3.9	2.9	1.0	7	3.3	4.8	7.0	2.8	0.6	6.8	237	4016

2 Year Averages 2009 - 2008				TRIAL AVERAGE												MENOMINEE - 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	Strch	MK/T	MK/A	%DM	GT/A	DT/A	%Std	IVD	ADF	NDF	NDFD	CP	Strch	MK/T	MK/A
DAIRYLAND STEALTH-9196	96	P250	1,2,3	37.1	18.9	7.0 *	99	81.9	21.5	42.7	57.8	6.6	37.7	3323	23324	37.0	18.4	6.9 **	99	76.9	26.9	51.8	55.5	7.2	29.9	2942	20154
DYNAGRO 55R10	100	P250	1,2,3,4	32.7	22.2	7.3 **	97	81.7	23.8	46.3	60.6	6.5	32.1	3280	23915	30.8	20.8	6.4 *	94	77.6	27.7	52.6	57.4	7.2	26.8	2966	19071
DYNAGRO 55V48	102	P250	1,2,3	33.2	21.3	7.1 *	98	82.4	22.7	44.3	60.1	6.6	32.6	3330	23593	32.1	20.4	6.5 *	97	80.4	24.5	48.1	58.9	7.3	29.8	3163	20699
GREAT LAKES 4041G3VT3	90	P250	1,2,3	36.7	19.2	7.0 *	96	81.5	23.2	44.9	58.9	6.8	34.7	3282	23006	38.4	18.2	6.9 **	97	79.2	25.3	48.3	56.8	7.0	34.3	3097	21496
GREAT LAKES 4481G3VT3	94	P250	1,2,3	35.7	19.4	6.9 *	93	81.1	23.7	45.5	58.7	6.7	33.1	3253	22575	33.7	18.7	6.2 *	92	76.1	29.6	54.0	55.7	6.9	25.7	2874	17994
AVERAGE				35.1	20.2	7.0	97	81.7	23.0	44.7	59.2	6.7	34.0	3294	23283	34.4	19.3	6.6	96	78.0	26.8	51.0	56.9	7.1	29.3	3008	19883
HIGHEST				37.1	22.2	7.3	99	82.4	23.8	46.3	60.6	6.8	37.7	3330	23915	38.4	20.8	6.9	99	80.4	29.6	54.0	58.9	7.3	34.3	3163	21496
LOWEST				32.7	18.9	6.9	93	81.1	21.5	42.7	57.8	6.5	32.1	3253	22575	30.8	18.2	6.2	92	76.1	24.5	48.1	55.5	6.9	25.7	2874	17994
CV (%)				7.0	7.6	8.7	3	2.5	11.4	8.5	3.8	6.5	11.5	4	11	7.3	8.7	9.2	4	3.4	12.3	9.2	5.4	6.3	14.8	6	12
LSD (5%)				2.4	1.5	0.6	3	2.0	2.6	3.8	2.2	0.4	3.9	139	2453	2.5	1.8	0.7	4	2.6	3.2	4.6	3.0	0.4	4.6	178	2637

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

2009				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	Strch	MK/T	MK/A	%DM	GT/A	DT/A	%Std	IVD	ADF	NDF	NDFD	CP	Strch	MK/T	MK/A
DAIRYLAND Hi DF-3000-9	100	P250	1,2,3	31.9	21.3	6.8	100	83.3	21.8	43.1	61.2	5.7	35.9	3414	23054	31.0	20.5	6.4	100	82.8	22.2	44.6	61.2	7.3	34.2	3363	21351
DAIRYLAND STEALTH-9196	96	P250	1,2,3	34.7	19.8	6.9	100	84.1	19.1	38.9	58.9	6.1	41.9	3488	23971	34.9	17.6	6.1	100	82.7	19.5	39.5	56.1	6.4	42.6	3403	20771
DAIRYLAND STEALTH-9799	99	P250	1,2,3	32.0	18.4	5.9	100	82.8	21.1	41.7	58.6	6.0	37.7	3393	19929	36.7	18.1	6.6	100	82.9	20.0	40.8	58.1	6.8	39.8	3406	22473
DYNAGRO 55R10	100	P250	1,2,3,4	31.4	24.5	7.7 *	100	83.7	22.4	44.6	63.5	5.6	35.1	3425	26303	35.4	20.8	7.4 *	96	83.9	20.7	42.2	61.8	6.9	37.6	3451	25338
DYNAGRO 55V48	102	P250	1,2,3	32.3	22.7	7.3 *	100	83.6	21.8	42.9	61.7	5.8	35.7	3430	25102	32.2	19.4	6.2	97	83.4	20.2	40.9	59.3	6.6	38.4	3431	21184
GREAT LAKES 4041G3VT3	90	P250	1,2,3	36.5	18.6	6.8	100	83.7	20.2	40.7	60.0	6.5	39.1	3453	23571	33.4	20.6	6.9 *	100	81.5	23.9	47.0	60.7	6.9	33.0	3275	22444
GREAT LAKES 4481G3VT3	94	P250	1,2,3	35.2	21.2	7.5 *	100	82.8	20.7	41.2	58.2	6.4	38.4	3398	25428	34.2	18.3	6.2	97	83.8	20.4	41.3	60.7	6.8	39.0	3449	21466
MYCOGEN TMF2L418	94	C250	1,2,3,4,8	33.4	19.1	6.4	100	83.2	22.7	44.8	62.4	6.2	33.0	3391	21590	34.1	19.4	6.6	100	83.7	21.8	44.3	63.2	7.0	35.3	3420	22659
MYCOGEN TMF2R521	98	C250	1,2,3,8	32.6	23.5	7.6 *	99	84.0	21.6	42.9	62.6	6.0	36.3	3451	26301	32.5	20.0	6.5	100	83.4	20.7	42.0	60.5	6.9	38.1	3424	22284
MYCOGEN TMF2W587	104	C250	1,2,3,4,8	34.1	20.8	7.1 *	100	84.0	20.2	40.1	60.1	6.1	39.7	3477	24770	32.9	19.5	6.4	99	82.9	20.9	42.3	59.5	7.1	37.9	3391	21784
NuTech 3T-600 VT3	100	P250	1,2,3	32.6	23.7	7.7 *	100	83.2	22.1	43.1	61.1	6.0	36.4	3409	26232	31.7	20.2	6.4	94	82.1	24.8	48.3	62.9	6.6	30.8	3295	21107
NuTech 5X-100 RR/HXT	100	P250	1,2,3,4	32.2	24.9	8.0 **	100	83.3	21.3	42.6	60.8	6.4	37.7	3416	27242	33.2	23.4	7.7 **	99	82.3	22.7	45.3	60.9	6.7	35.4	3334	25767
NuTech 3T-603 VT3	103	C250	1,2,3	30.0	25.1	7.5 *	100	81.8	23.3	45.5	60.0	5.9	34.6	3312	24845	32.5	23.1	7.5 *	98	80.2	23.4	46.0	56.9	6.7	34.3	3213	24074
PIONEER 38M60	94	P250	1,2,3,4,11,14	34.7	16.2	5.6	100	83.9	19.6	40.1	59.9	6.0	39.7	3472	19444	38.7	16.0	6.1	100	83.7	20.3	42.3	61.3	6.7	38.1	3438	20967
PIONEER 38P43	95	P250	1,2,3,4,12	34.0	18.1	6.2	100	82.0	21.7	43.3	58.4	5.9	38.7	3339	20670	38.6	15.1	5.9	100	82.2	22.7	46.6	61.7	6.6	34.7	3316	19409
PIONEER 36Y26	101	P250	1,2,3,4,12,14	31.8	24.4	7.8 *	100	82.8	22.5	44.2	61.0	6.4	33.7	3373	26172	33.7	19.5	6.6	100	83.6	21.5	43.1	62.0	7.5	36.1	3423	22426
AVERAGE				33.1	21.4	7.0	100	83.2	21.4	42.5	60.5	6.1	37.1	3415	24039	34.1	19.5	6.6	99	82.8	21.6	43.5	60.4	6.8	36.6	3377	22219
HIGHEST				36.5	25.1	8.0	100	84.1	23.3	45.5	63.5	6.5	41.9	3488	27242	38.7	23.4	7.7	100	83.9	24.8	48.3	63.2	7.5	42.6	3451	25767
LOWEST				30.0	16.2	5.6	99	81.8	19.1	38.9	58.2	5.6	33.0	3312	19444	31.0	15.1	5.9	94	80.2	19.5	39.5	56.1	6.4	30.8	3213	19409
CV (%)				7.7	8.1	9.9	1	1.2	7.3	5.6	2.4	8.8	7.3	2	10	6.8	7.4	8.0	2	1.2	7.4	5.9	2.8	4.5	8.3	2	9
LSD (5%)				3.6	2.5	1.0	1	1.4	2.2	3.4	2.0	0.8	3.9	104	3552	3.3	2.0	0.8	3	1.4	2.3	3.6	2.4	0.4	4.3	100	2694

2 Year Averages 2009 - 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	Strch	MK/T	MK/A	%DM	GT/A	DT/A	%Std	IVD	ADF	NDF	NDFD	CP	Strch	MK/T	MK/A
DAIRYLAND STEALTH-9196	96	P250	1,2,3	37.5	20.1	7.5 *	99	84.4	18.8	37.8	58.7	5.9	42.1	3518	26503	36.7	18.1	6.6	98	84.3	18.9	38.4	59.2	6.7	41.1	3509	23314
DYNAGRO 55R10	100	P250	1,2,3,4	33.8	24.0	8.1 **	99	83.9	21.8	42.9	62.5	5.3	35.4	3449	27905	33.4	21.8	7.2 **	98	83.6	21.7	43.4	62.1	6.9	34.0	3426	24770
DYNAGRO 55V48	102	P250	1,2,3	34.4	22.9	7.9 *	100	83.1	22.3	42.3	60.1	5.9	34.1	3388	26657	33.2	20.5	6.8 *	98	83.6	21.3	42.4	61.4	6.7	34.0	3440	23423
GREAT LAKES 4041G3VT3	90	P250	1,2,3	37.4	18.8	7.0	94	82.9	21.3	42.0	59.5	6.3	36.4	3399	23907	34.3	20.6	7.0 *	96	82.4	22.9	44.5	60.4	7.1	33.3	3352	23615
GREAT LAKES 4481G3VT3	94	P250	1,2,3	38.1	20.3	7.7 *	93	83.3	20.7	41.1	59.3	6.2	37.5	3428	26438	35.2	19.1	6.7 *	93	83.9	20.9	41.5	61.3	7.1	36.0	3458	23292
AVERAGE				36.2	21.2	7.6	97	83.5	21.0	41.2	60.0	5.9	37.1	3436	26282	34.6	20.0	6.9	97	83.6	21.1	42.0	60.9	6.9	35.7	3437	23683
HIGHEST				38.1	24.0	8.1	100	84.4	22.3	42.9	62.5	6.3	42.1	3518	27905	36.7	21.8	7.2	98	84.3	22.9	44.5	62.1	7.1	41.1	3509	24770
LOWEST				33.8	18.8	7.0	93	82.9	18.8	37.8	58.7	5.3	34.1	3388	23907	33.2	18.1	6.6	93	82.4	18.9	38.4	59.2	6.7	33.3	3352	23292
CV (%)				6.6	7.5	8.9	2	1.8	9.3	6.7	3.0	8.4	8.3	3	10	7.2	6.3	7.9	3	2.1	11.9	9.1	2.8	4.9	11.6	4	10
LSD (5%)				2.2	1.6	0.7	2	1.5	2.0	2.8	1.8	0.5	3.0	109	2468	2.5	1.2	0.5	2	1.7	2.5	3.9	1.7	0.3	4.1	125	2305

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

TABLE 10.

ALGER & MENOMINEE (EARLY) COUNTY SILAGE TRIALS (81 - 95 Day)

ZONE 5

2009				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	Strch	MK/T	MK/A	%DM	GT/A	DT/A	%Std	IVD	ADF	NDF	NDFD	CP	Strch	MK/T	MK/A
DEKALB DKC36-34 (VT3)	86	P250	1,2,3	29.7	20.2	5.8	99	76.5	28.1	53.9	56.6	8.0	26.8	2907	17077	20.9	22.9	4.8	100	73.3	30.8	57.8	53.9	8.8	20.8	2670	12837
DEKALB DKC38-89 (VT3)	88	P250	1,2,3	29.4	23.3	6.7 *	94	78.3	26.2	51.0	57.9	8.2	27.5	3028	20966	19.5	24.6	4.8	97	73.4	31.2	58.8	54.9	9.3	17.3	2664	12752
DYNAGRO 52V01	86	P250	1,2,3,14	25.6	23.5	5.8	93	76.5	28.9	54.0	56.5	7.7	25.5	2885	16794	19.4	26.6	5.2 *	96	73.2	32.3	60.0	55.5	8.6	17.0	2611	13490
DYNAGRO 53V80	92	P250	1,2,3,14	25.8	24.9	6.4	95	77.7	28.8	55.2	59.6	7.9	25.4	2948	18950	18.5	26.4	4.9	97	75.5	31.5	60.5	59.6	9.1	17.2	2744	13409
MYCOGEN 2D140	83	C250	1,2,3	27.3	21.7	5.8	98	79.1	25.7	50.4	58.5	8.0	27.6	3073	18026	19.5	23.3	4.5	100	75.9	29.4	56.2	57.0	8.9	18.4	2813	12722
MYCOGEN TMF2Q296	86	C250	1	25.5	24.6	6.1	95	79.1	28.5	55.0	62.2	7.7	21.9	3028	18715	18.6	26.4	4.9	96	76.0	32.2	60.6	60.4	8.6	14.5	2769	13560
NuTech 1B-887 CB/LL	87	C250	2,3,4	24.9	25.4	6.2	96	76.8	29.0	54.3	57.4	8.0	24.4	2913	18288	19.2	27.3	5.2 *	99	74.0	32.1	59.5	56.3	8.6	16.8	2677	13995
NuTech 3C-889 RR/YGCB	89	C250		29.1	22.5	6.3	95	77.4	28.2	54.7	58.7	8.2	24.3	2939	18704	20.3	25.2	5.1 *	93	74.3	30.6	57.7	55.4	9.6	18.5	2709	13816
NuTech 3A-094 RR/LFY	94	C250	2,3,4	23.9	24.9	5.9	97	78.6	28.3	54.1	60.5	8.4	22.2	3005	18047	18.5	25.6	4.7	98	75.4	31.7	59.9	58.9	9.4	13.0	2741	12993
NuTech 3T-295 VT3	95	C250	2,4	26.7	22.6	6.0	97	79.8	26.4	51.5	60.9	8.0	27.4	3099	18850	19.0	23.1	4.4	97	76.7	30.3	57.4	59.5	8.9	18.4	2844	12362
PIONEER 39V08	83	P250	1,2	29.7	19.9	5.7	98	73.6	30.9	56.3	53.3	7.9	25.4	2724	15803	20.4	22.1	4.5	98	69.9	34.1	60.2	50.1	9.0	20.6	2457	11079
PIONEER 39B23	88	C250	1,8	31.0	22.2	6.7 *	99	76.4	29.3	54.8	57.3	7.9	26.8	2885	19691	21.4	24.7	5.3 *	99	71.7	34.0	61.3	53.9	8.8	18.3	2538	13533
PIONEER 38N88	92	P250	1,2,3	27.8	23.5	6.5	99	79.2	25.4	50.3	58.7	8.2	29.6	3083	20221	21.9	24.2	5.3 *	99	77.6	26.7	52.6	57.5	8.9	26.3	2944	15656
PIONEER 38H08	92	P250	1,2,3,4	28.2	23.5	6.4	94	76.1	28.6	52.5	54.9	7.3	27.8	2898	18928	21.0	26.3	5.5 *	98	71.6	32.7	58.4	51.3	8.2	20.6	2566	14115
NK Brand N19G	81	P250	1,2,4,12	26.3	23.0	5.9	99	75.7	30.4	56.4	57.2	8.4	22.9	2830	16912	19.2	24.8	4.7	99	72.0	33.8	61.6	54.6	9.1	16.7	2549	12068
NK Brand N22-C2	87	P250	1,2,4,11,12	27.5	24.7	6.7 *	98	76.4	29.4	55.7	58.0	8.1	22.7	2877	19802	20.2	25.2	5.1 *	98	72.3	33.8	62.3	55.7	8.9	14.2	2560	12988
NK Brand N23K	88	P250	1,2,4,11	30.4	24.3	7.2 **	99	77.2	28.2	53.2	57.3	7.9	28.7	2946	21557	21.1	26.3	5.6 **	99	74.1	30.9	57.7	55.1	9.0	22.3	2702	14994
AVERAGE				27.6	23.2	6.2	97	77.3	28.2	53.7	58.0	8.0	25.7	2945	18667	19.9	25.0	5.0	98	73.9	31.6	59.0	55.8	8.9	18.3	2680	13316
HIGHEST				31.0	25.4	7.2	99	79.8	30.9	56.4	62.2	8.4	29.6	3099	21557	21.9	27.3	5.6	100	77.6	34.1	62.3	60.4	9.6	26.3	2944	15656
LOWEST				23.9	19.9	5.7	93	73.6	25.4	50.3	53.3	7.3	21.9	2724	15803	18.5	22.1	4.4	93	69.9	26.7	52.6	50.1	8.2	13.0	2457	11079
CV (%)				9.2	6.7	9.2	3	3.4	9.6	7.1	4.8	9.3	17.1	6	13	5.8	5.2	7.2	3	4.0	8.2	6.3	5.3	10.7	24.2	7	13
LSD (5%)				2.5	1.5	0.6	3	2.6	2.7	3.4	2.8	0.7	4.4	172	2452	1.6	1.8	0.5	5	4.2	3.7	5.3	4.2	1.4	6.3	273	2381

2 Year Averages 2009 - 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	Strch	MK/T	MK/A	%DM	GT/A	DT/A	%Std	IVD	ADF	NDF	NDFD	CP	Strch	MK/T	MK/A
DYNAGRO 52V01	87	P250	1,2,3,14	29.6	21.0	5.8 *	93	79.3	26.4	50.5	59.2	7.5	27.3	3103	18262	23.1	24.5	5.5 *	92	78.7	27.6	52.8	60.4	7.9	22.0	3037	17014
DYNAGRO 53V80	92	P250	1,2,3,14	27.2	22.9	6.1 *	96	80.3	27.0	52.4	62.6	7.5	24.9	3133	19154	20.9	24.9	5.2 *	96	79.6	28.6	55.7	63.8	8.2	18.5	3040	15790
NuTech 1B-887 CB/LL	87	C250	2,4	28.8	22.4	6.2 **	98	78.3	27.8	52.0	58.4	7.4	25.4	3045	18874	22.4	25.4	5.6 **	99	77.2	29.4	55.1	58.8	7.8	19.5	2948	16697
AVERAGE				28.5	22.1	6.0	96	79.3	27.0	51.6	60.1	7.5	25.9	3094	18763	22.1	24.9	5.4	95.6	78.5	28.5	54.5	61.0	8.0	20.0	3008	16500
HIGHEST				29.6	22.9	6.2	98	80.3	27.8	52.4	62.6	7.5	27.3	3133	19154	23.1	25.4	5.6	98.7	79.6	29.4	55.7	63.8	8.2	22.0	3040	17014
LOWEST				27.2	21.0	5.8	93	78.3	26.4	50.5	58.4	7.4	24.9	3045	18262	20.9	24.5	5.2	92.0	77.2	27.6	52.8	58.8	7.8	18.5	2948	15790
C.V.				8.1	6.3	8.2	3	2.9	8.9	6.7	4.3	7.6	14.8	5	11	6.4	5.0	7.4	3.9	3.1	7.4	5.7	4.8	8.8	19.6	6	12
LSD				2.3	1.4	0.5	3	2.2	2.4	3.5	2.5	0.6	3.8	152	2131	1.3	1.2	0.4	3.8	2.3	2.3	3.3	2.7	0.8	3.7	161	1625

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

2009				MENOMINEE - EARLY											
				YIELD				% QUALITY						MILK 2006	
BRAND / HYBRID	RM	TRT	TRAIT	%DM	GT/A	DT/A	%Std	IVD	ADF	NDF	NDFD	CP	Strch	MK/T	MK/A
DEKALB DKC36-34 (VT3)	86	P250	1,2,3	38.4	17.5	6.8	99	79.7	25.3	49.9	59.2	7.2	32.8	3144	21317
DEKALB DKC38-89 (VT3)	88	P250	1,2,3	39.2	22.0	8.6 *	91	83.1	21.2	43.2	60.9	7.1	37.6	3393	29180
DYNAGRO 52V01	86	P250	1,2,3,14	31.7	20.4	6.4	91	79.7	25.5	48.0	57.4	6.7	33.9	3160	20097
DYNAGRO 53V80	92	P250	1,2,3,14	33.0	23.4	7.8 *	93	79.8	26.0	49.9	59.5	6.7	33.5	3151	24492
MYCOGEN 2D140	83	C250	1,2,3	35.1	20.0	7.0	96	82.3	21.9	44.6	60.0	7.1	36.7	3332	23331
MYCOGEN TMF2Q296	86	C250	1	32.3	22.7	7.3	95	82.2	24.7	49.3	63.9	6.7	29.3	3286	23869
NuTech 1B-887 CB/LL	87	C250	2,3,4	30.6	23.4	7.2	94	79.6	25.9	49.1	58.5	7.3	32.0	3149	22580
NuTech 3C-889 RR/YGCB	89	C250		37.9	19.7	7.5	97	80.4	25.7	51.6	62.0	6.7	30.0	3170	23591
NuTech 3A-094 RR/LFY	94	C250	2,3,4	29.2	24.2	7.1	96	81.7	24.8	48.3	62.1	7.4	31.3	3268	23101
NuTech 3T-295 VT3	95	C250	2,4	34.3	22.0	7.6	97	82.8	22.5	45.5	62.2	7.1	36.3	3355	25339
PIONEER 39V08	83	P250	1,2	39.0	17.6	6.9	97	77.2	27.6	52.3	56.5	6.8	30.1	2991	20528
PIONEER 39B23	88	C250	1,8	40.5	19.7	8.0 *	100	81.0	24.5	48.3	60.7	6.9	35.3	3233	25849
PIONEER 38N88	92	P250	1,2,3	33.7	22.8	7.7	99	80.8	24.1	47.9	59.9	7.5	32.9	3223	24787
PIONEER 38H08	92	P250	1,2,3,4	35.4	20.7	7.3	91	80.6	24.5	46.5	58.4	6.4	34.9	3230	23741
NK Brand N19G	81	P250	1,2,4,12	33.3	21.1	7.0	98	79.3	26.9	51.2	59.8	7.7	29.1	3111	21755
NK Brand N22-C2	87	P250	1,2,4,11,12	34.8	24.1	8.3 *	98	80.5	24.9	49.1	60.3	7.2	31.2	3195	26616
NK Brand N23K	88	P250	1,2,4,11	39.7	22.3	8.8 **	98	80.3	25.4	48.6	59.4	6.8	35.0	3189	28120
AVERAGE				35.2	21.4	7.5	96	80.6	24.8	48.4	60.0	7.0	33.0	3211	24017
HIGHEST				40.5	24.2	8.8	100	83.1	27.6	52.3	63.9	7.7	37.6	3393	29180
LOWEST				29.2	17.5	6.4	91	77.2	21.2	43.2	56.5	6.4	29.1	2991	20097
CV (%)				9.6	8.3	9.7	3	2.8	11.4	8.3	4.1	6.6	13.3	5	13
LSD (5%)				4.8	2.5	1.0	4	3.2	4.0	5.7	3.5	0.7	6.3	217	4360

2 Year Averages 2009 - 2008				MENOMINEE - EARLY											
				YIELD				% QUALITY						MILK 2006	
BRAND / HYBRID	RM	TRT	TRAIT	%DM	GT/A	DT/A	%Std	IVD	ADF	NDF	NDFD	CP	Strch	MK/T	MK/A
DYNAGRO 52V01	87	P250	1,2,3,14	36.1	17.5	6.2	93	79.9	25.2	48.2	58.1	7.0	32.6	3169	19511
DYNAGRO 53V80	92	P250	1,2,3,14	33.5	20.9	7.0 **	97	81.1	25.3	49.2	61.5	6.9	31.3	3226	22519
NuTech 1B-887 CB/LL	87	C250	2,4	35.2	19.5	6.7 *	97	79.5	26.2	48.9	58.1	7.0	31.3	3142	21051
AVERAGE				34.9	19.3	6.6	96	80.1	25.6	48.7	59.2	7.0	31.7	3179	21027
HIGHEST				36.1	20.9	7.0	97	81.1	26.2	49.2	61.5	7.0	32.6	3226	22519
LOWEST				33.5	17.5	6.2	93	79.5	25.2	48.2	58.1	6.9	31.3	3142	19511
C.V.				8.3	7.8	8.4	3	2.6	10.7	7.9	3.8	5.4	12.1	5	11
LSD				2.9	1.6	0.6	3	2.1	2.6	3.8	2.2	0.4	3.9	145	2563

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

Notes

THANK YOU TO OUR FARM COOPERATORS:

ZONE 1

Baker-Ladd Farms, Blaine Baker, Clayton
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Jorgensens Farm Elevator -
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MICHIGAN STATE
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EXTENSION

Table Revisions - Replace the following pages in the 2009 Michigan Corn Hybrids Compared, Extension Bulletin E-431 December 2009

TABLE 7E. BRANCH, LENAWEE & WOOD (OHIO) COUNTY SILAGE TRIALS - EARLY (105 - 110 Day) ZONE 1

2009				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	Strch	MK/T	MK/A	%DM	GT/A	DT/A	%Std	IVD	ADF	NDF	NDFD	CP	Strch	MK/T	MK/A
AGRIGOLD A6394VT3	107	P250	1,2,3	33.4	20.5	6.9	100	82.3	23.7	46.6	62.2	6.3	29.5	3227	22221	32.6	21.0	6.8	100	85.1	19.3	39.1	61.8	7.2	39.4	3544	24190
AGRIGOLD A6459VT3	109	P250	1,2,3	33.5	23.3	7.8	98	82.5	22.3	44.1	60.2	6.4	34.1	3364	26191	32.1	22.7	7.3	99	84.3	19.4	39.3	60.0	6.7	38.9	3501	25574
BECK 5442VT3	110	P500	1,2,3	35.3	22.6	8.0	96	82.7	22.8	45.4	61.7	6.1	31.3	3243	26031	35.1	23.5	8.3 *	100	84.4	19.4	39.5	60.5	7.0	39.0	3504	29009
BECK 5335HXR™*	109	P500	1,2,3,4	36.4	22.6	8.2 *	99	82.7	23.1	46.2	62.6	6.4	33.1	3358	27524	33.6	24.0	8.1 *	99	83.5	22.2	44.8	63.0	7.2	33.9	3407	27452
DAIRYLAND Hi DF-3008-4	108	P250	1,3	37.1	21.8	8.1	100	80.0	25.3	49.1	59.5	6.3	31.2	3187	25590	34.7	23.9	8.3 *	100	81.8	22.8	45.3	59.7	7.7	32.5	3306	27422
DAIRYLAND Hi DF-3105-Q	105	C250	1,2,3,4	34.3	23.9	8.2 *	100	81.4	23.3	46.8	60.0	6.0	32.5	3222	26475	31.4	26.0	8.2 *	100	81.8	22.8	44.9	59.4	6.6	34.6	3314	26967
DAIRYLAND Hi DF-3110-6	110	P250	1	33.0	26.0	8.6 *	99	80.6	24.8	48.2	59.5	6.0	29.6	3212	27541	33.1	26.5	8.7 **	99	82.2	22.4	44.0	59.5	6.7	34.6	3343	29148
DAIRYLAND STEALTH-8208	106	P250	2,3,4	32.4	23.7	7.7	99	79.9	26.4	50.6	60.4	5.6	27.7	3131	23951	31.9	24.9	7.9	100	81.1	23.6	46.3	59.2	6.8	32.5	3262	25833
DYNAGRO 56R29	105	P250	1,2,3,4	36.2	22.4	8.1	93	83.1	21.6	44.0	61.3	6.1	34.9	3396	27436	36.1	22.9	8.3 *	94	83.4	20.0	41.1	59.5	6.7	39.1	3435	28392
G2 GENETICS 5X-909 RR/HXT	109	C250	1,2,3,4	36.0	22.2	8.0	93	83.1	22.2	44.3	61.9	6.4	34.0	3397	27053	33.7	22.4	7.5	97	83.6	21.5	43.1	62.0	7.1	34.4	3429	25776
GREAT LAKES 5783RR	107	P250	1	35.2	21.3	7.5	95	82.4	22.5	44.7	60.4	6.4	34.4	3354	25115	32.6	22.3	7.3	96	83.8	20.4	40.5	60.0	7.2	38.4	3462	25100
MYCOGEN TMF2Q716	109	C250	1,2,3,4,8	35.9	24.1	8.6 **	98	81.5	24.6	48.0	61.6	6.3	31.1	3280	28125	33.8	24.1	8.1 *	98	83.5	21.1	42.6	61.2	7.1	35.4	3426	27836
NuTech 5N-809 GT/CB/LL/RW	109	P250	1,2,3,4	34.4	23.8	8.2 *	96	83.0	23.0	45.3	62.6	6.1	33.0	3388	27749	32.7	22.6	7.4	96	82.7	23.3	45.3	61.9	6.4	34.1	3365	24828
NuTech 3T-013 VT3	110	P250	1,2,3	35.3	22.8	8.1	97	84.2	21.5	42.7	62.8	6.3	37.1	3470	27936	35.5	23.3	8.3 *	98	85.8	19.0	37.2	61.7	6.7	41.7	3601	29808
PIONEER 35F44	105	P250	1,2,3,4,11,12,14	36.4	22.4	8.1 *	99	83.6	21.6	42.8	61.6	6.3	37.1	3434	27934	35.5	23.9	8.5 *	98	85.4	19.5	39.5	62.7	6.7	40.7	3558	30060
PIONEER 34A89	109	P250	1,2,3,4,12	34.4	23.5	8.1	96	81.6	25.0	48.2	62.0	5.9	31.4	3274	26382	31.6	24.8	7.8	99	83.4	22.3	44.5	62.6	7.0	32.5	3403	26631
STEWART SEEDS 7T618	109	P250	1,2,3	37.0	21.7	8.0	99	82.2	22.8	44.9	60.4	6.3	35.4	3343	26814	35.8	22.4	8.0	97	83.4	20.7	41.0	59.4	7.0	38.5	3432	27393
STEWART SEEDS 7T630	109	P250	1,2,3	36.7	22.6	8.3 *	98	82.6	21.8	43.9	60.5	6.2	35.8	3374	27924	35.8	21.7	7.8	98	84.2	19.7	41.0	61.5	7.0	37.5	3480	27043
WELLMAN W2007VT3	107		1,2,3	36.1	21.9	7.9	93	81.9	22.9	45.0	59.9	6.1	34.8	3326	26226	35.0	22.2	7.8	96	84.3	19.1	38.9	59.5	7.0	39.5	3500	27239
WELLMAN W2010VT3	110		1,2,3	33.8	21.8	7.4	96	81.0	25.4	50.0	62.0	6.2	26.8	3202	23514	31.6	22.8	7.2	96	81.8	23.7	46.9	61.3	7.5	30.2	3295	23657
AVERAGE				35.2	22.8	8.0	97	82.2	23.2	45.8	61.1	6.2	33.1	3315	26538	33.7	23.4	7.9	98	83.5	21.1	42.2	60.8	7.0	36.4	3428	26968
HIGHEST				37.1	26.0	8.6	100	84.2	26.4	50.6	62.8	6.4	37.1	3470	28125	36.1	26.5	8.7	100	85.8	23.7	46.9	63.0	7.7	41.7	3601	30060
LOWEST				32.4	20.5	6.9	93	79.9	21.5	42.7	59.5	5.6	27.7	3131	22221	31.4	21.0	6.8	94	81.1	19.0	37.2	59.2	6.4	30.2	3262	23657
CV (%)				6.1	5.8	7.8	3	2.0	9.5	7.2	3.2	7.3	12.2	4	10	4.5	4.9	6.5	3	1.4	8.8	7.3	3.2	5.9	9.7	3	8
LSD (5%)				1.7	1.1	0.5	2	1.3	1.8	2.7	1.6	0.4	3.2	105	2085	2.1	1.6	0.7	4	1.7	2.6	4.4	2.7	0.6	5.0	124	2936

2 Year Averages 2009 - 2008				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	Strch	MK/T	MK/A	%DM	GT/A	DT/A	%Std	IVD	ADF	NDF	NDFD	CP	Strch	MK/T	MK/A
DAIRYLAND Hi DF-3008-4	108	P250	1,3	40.7	18.8	7.5 *	96	79.0	25.8	50.5	58.4	6.1	31.0	3096	23204	40.8	20.0	7.8 *	97	79.6	23.1	44.7	54.4	6.8	35.5	3143	24701
DAIRYLAND Hi DF-3110-6	110	P250	1	33.5	23.6	7.8 *	97	79.8	26.0	49.5	58.9	5.8	27.9	3132	24637	35.9	22.7	8.0 *	98	80.1	22.6	43.5	54.6	6.1	37.0	3186	25714
DAIRYLAND STEALTH-8208	106	P250	2,3,4	36.4	21.2	7.5 *	98	77.9	27.6	51.6	57.3	5.5	26.6	3003	22485	41.2	20.4	8.0 *	99	75.3	26.4	49.2	50.4	5.9	31.9	2862	22698
MYCOGEN TMF2Q716	109	C250	1,2,3,4,8	39.0	20.9	8.0 **	97	79.7	26.5	50.3	59.6	5.9	29.2	3136	25149	38.7	21.8	8.2 **	98	80.6	23.0	44.4	56.6	6.4	35.4	3198	26302
PIONEER 34A89	109	P250	1,2,3,4,12	37.4	21.3	7.8 *	96	80.3	26.0	49.5	60.3	5.7	30.4	3174	24913	37.7	21.9	8.1 *	99	83.0	21.3	42.1	59.4	6.3	37.3	3359	27031
AVERAGE				37.4	21.1	7.7	97	79.1	26.5	50.5	58.6	5.8	28.7	3092	23869	38.9	21.3	8.0	98	79.7	23.3	44.8	55.1	6.3	35.4	3150	25289
HIGHEST				40.7	23.6	8.0	98	79.8	27.6	51.6	59.6	6.1	31.0	3136	25149	41.2	22.7	8.2	99	83.0	26.4	49.2	59.4	6.8	37.3	3359	27031
LOWEST				33.5	18.8	7.5	96	77.9	25.8	49.5	57.3	5.5	26.6	3003	22485	35.9	20.0	7.8	97	75.3	21.3	42.1	50.4	5.9	31.9	2862	22698
CV (%)				9.1	7.0	7.9	5	3.2	12.1	9.2	4.6	8.2	14.4	6	10	9.8	6.8	7.5	3	3.1	11.2	8.9	5.9	6.9	10.9	5	9
LSD (5%)				3.2	1.5	0.6	4	2.6	2.9	4.3	2.7	0.5	4.5	182	2530	3.5	1.5	0.6	3	2.5	2.4	3.8	3.4	0.5	4.0	172	2450

™* Brand is distributed by Beck's Superior Hybrids Inc.

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

2009				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	Strch	MK/T	MK/A	%DM	GT/A	DT/A	%Std	IVD	ADF	NDF	NDFD	CP	Strch	MK/T	MK/A
AGRIGOLD A6394VT3	107	P250	1,2,3	29.7	18.4	5.4	99	83.1	25.2	50.0	66.2	6.5	18.2	3049	16515	38.0	22.1	8.4	100	78.9	26.7	50.8	58.6	5.3	30.8	3089	25974
AGRIGOLD A6459VT3	109	P250	1,2,3	30.1	24.3	7.3	100	81.2	24.8	47.8	60.7	5.9	27.6	3294	23984	38.4	23.0	8.8 *	95	80.2	24.2	47.6	58.7	6.4	35.9	3188	28003
BECK 5442VT3	110	P500	1,2,3	30.6	22.0	6.8	94	81.2	27.0	52.6	64.3	6.0	17.1	2881	19501	40.1	22.1	8.9 *	94	82.6	21.9	44.1	60.5	5.4	36.3	3352	29667
BECK 5335HXR™*	109	P500	1,2,3,4	36.6	21.8	8.0 *	99	84.3	22.5	45.7	65.6	6.4	32.5	3479	27663	39.1	22.1	8.6 *	100	80.4	25.1	49.4	60.3	5.6	30.8	3183	27414
DAIRYLAND Hi DF-3008-4	108	P250	1,3	34.2	21.6	7.4	100	82.5	23.1	45.8	61.8	6.5	32.8	3379	24950	42.4	20.0	8.5	100	75.8	30.0	56.2	57.0	4.7	28.3	2878	24415
DAIRYLAND Hi DF-3105-Q	105	C250	1,2,3,4	31.4	23.4	7.4	99	81.3	26.0	51.0	63.4	5.7	22.4	3092	22884	40.3	22.4	9.1 *	100	81.0	21.2	44.4	57.3	5.6	40.6	3262	29585
DAIRYLAND Hi DF-3110-6	110	P250	1	28.9	25.9	7.5 *	99	81.2	27.3	52.0	63.7	5.8	20.8	3208	24143	37.1	25.6	9.5 *	99	78.5	24.9	48.5	55.4	5.4	33.5	3086	29347
DAIRYLAND STEALTH-8208	106	P250	2,3,4	30.7	23.4	7.2	99	81.7	25.7	50.6	63.7	5.7	23.4	3174	22752	34.6	22.8	7.9	100	77.1	30.1	54.9	58.3	4.4	27.1	2958	23285
DYNAGRO 56R29	105	P250	1,2,3,4	31.3	23.4	7.3	95	82.2	24.7	48.7	63.4	5.6	26.9	3332	24342	41.2	21.0	8.7 *	90	83.6	20.3	42.1	61.0	6.1	38.8	3423	29586
G2 GENETICS 5X-909 RR/HXT	109	C250	1,2,3,4	36.0	22.3	8.0 *	95	84.2	21.6	43.6	63.7	6.4	34.2	3489	27765	38.4	21.9	8.4	88	81.2	24.2	47.4	60.2	5.6	33.0	3243	27368
GREAT LAKES 5783RR	107	P250	1	31.5	19.6	6.2	95	82.9	23.8	47.7	64.0	6.8	27.5	3382	20888	41.6	21.9	9.1 *	93	80.4	23.5	45.8	57.2	5.2	37.4	3219	29370
MYCOGEN TMF2Q716	109	C250	1,2,3,4,8	32.8	25.5	8.4 **	97	80.6	27.2	52.3	62.9	6.2	24.5	3226	26943	41.0	22.6	9.3 *	99	80.5	25.4	49.3	60.5	5.5	33.6	3191	29612
NuTech 5N-809 GT/CB/LL/RW	109	P250	1,2,3,4	32.3	23.6	7.6 *	95	84.4	21.9	44.0	64.4	6.6	31.7	3494	26565	38.1	25.2	9.6 **	97	82.0	23.9	47.2	61.9	5.3	32.8	3293	31724
NuTech 3T-013 VT3	110	P250	1,2,3	33.4	22.4	7.5 *	95	84.4	22.9	45.8	65.8	6.1	33.0	3481	26139	36.9	22.7	8.4	98	81.4	24.2	47.6	61.0	5.8	36.8	3253	27282
PIONEER 35F44	105	P250	1,2,3,4,11,12,14	34.9	21.5	7.6 *	99	84.4	21.2	42.6	63.2	6.5	35.2	3504	26475	38.6	21.7	8.4	99	80.4	24.8	48.0	59.1	5.7	33.0	3194	26936
PIONEER 34A89	109	P250	1,2,3,4,12	35.1	23.2	8.1 *	96	82.5	24.8	48.1	63.7	5.7	29.6	3337	27048	36.5	22.7	8.3	94	79.0	28.0	52.1	59.8	4.9	32.1	3084	25483
STEWART SEEDS 7T618	109	P250	1,2,3	36.4	21.4	7.8 *	99	82.9	23.4	46.5	63.2	6.4	33.2	3395	26398	38.7	21.3	8.3	100	80.4	24.4	47.4	58.8	5.5	34.5	3204	26664
STEWART SEEDS 7T630	109	P250	1,2,3	35.4	22.9	8.1 *	98	83.2	22.5	44.8	62.5	6.1	34.1	3425	27686	39.0	23.1	9.0 *	99	80.8	23.7	46.3	58.6	5.2	35.0	3235	29195
WELLMAN W2007VT3	107		1,2,3	33.4	23.5	7.8 *	92	83.1	23.2	45.1	62.5	6.4	33.8	3414	26697	40.1	20.1	8.1	91	78.4	26.5	50.9	57.6	5.0	31.0	3064	24754
WELLMAN W2010VT3	110		1,2,3	30.9	20.7	6.4	97	81.7	26.4	51.5	64.6	6.0	20.3	3193	20425	38.9	21.9	8.5	94	79.6	26.1	51.5	60.3	5.1	29.8	3119	26474
AVERAGE				32.8	22.5	7.4	97	82.6	24.2	47.8	63.7	6.1	27.9	3311	24488	38.9	22.3	8.7	97	80.1	25.0	48.6	59.1	5.4	33.5	3176	27607
HIGHEST				36.6	25.9	8.4	100	84.4	27.3	52.6	66.2	6.8	35.2	3504	27765	42.4	25.6	9.6	100	83.6	30.1	56.2	61.9	6.4	40.6	3423	31724
LOWEST				28.9	18.4	5.4	92	80.6	21.2	42.6	60.7	5.6	17.1	2881	16515	34.6	20.0	7.9	88	75.8	20.3	42.1	55.4	4.4	27.1	2878	23285
CV (%)				6.0	7.7	8.3	3	1.7	7.3	5.8	3.1	7.2	15.7	4	10	7.2	4.3	8.5	3	2.7	11.4	8.2	3.3	9.2	11.7	5	11
LSD (5%)				2.8	2.5	0.9	4	1.9	2.5	3.9	2.8	0.6	6.2	202	3625	4.0	1.4	1.0	4	3.1	4.0	5.7	2.8	0.7	5.6	215	4303

2 Year Averages 2009 - 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	Strch	MK/T	MK/A	%DM	GT/A	DT/A	%Std	IVD	ADF	NDF	NDFD	CP	Strch	MK/T	MK/A
DAIRYLAND Hi DF-3008-4	108	P250	1,3	39.2	18.5	7.1 *	94	79.1	26.1	53.2	61.2	6.3	30.2	3095	21966	42.2	18.0	7.6	96	78.3	28.0	53.7	59.7	5.3	27.2	3051	22946
DAIRYLAND Hi DF-3110-6	110	P250	1	30.0	24.1	7.2 *	99	79.6	28.7	53.7	62.1	5.7	19.4	3075	22254	34.6	23.9	8.3 **	94	79.6	26.8	51.3	59.9	5.5	27.2	3136	25942
DAIRYLAND STEALTH-8208	106	P250	2,3,4	32.1	22.4	7.1 *	98	79.1	28.3	53.4	61.2	5.6	21.1	3035	21591	35.9	20.9	7.5	97	79.2	28.0	52.4	60.4	4.9	26.8	3112	23165
MYCOGEN TMF2Q716	109	C250	1,2,3,4,8	37.4	21.1	7.7 **	98	78.1	29.8	55.5	60.7	5.9	23.1	3023	23316	41.0	19.8	8.1 *	96	80.4	26.6	51.1	61.6	5.5	29.2	3188	25830
PIONEER 34A89	109	P250	1,2,3,4,12	38.8	20.1	7.7 *	98	78.7	28.4	53.1	60.4	5.7	26.6	3066	23645	35.8	21.7	7.8 *	91	79.3	28.3	53.2	61.1	5.2	27.3	3097	24062
AVERAGE				35.5	21.2	7.4	97	78.9	28.3	53.8	61.1	5.8	24.1	3058	22554	37.9	20.9	7.8	95	79.4	27.6	52.3	60.6	5.3	27.5	3117	24389
HIGHEST				39.2	24.1	7.7	99	79.6	29.8	55.5	62.1	6.3	30.2	3095	23645	42.2	23.9	8.3	97	80.4	28.3	53.7	61.6	5.5	29.2	3188	25942
LOWEST				30.0	18.5	7.1	94	78.1	26.1	53.1	60.4	5.6	19.4	3023	21591	34.6	18.0	7.5	91	78.3	26.6	51.1	59.7	4.9	26.8	3051	22946
CV (%)				8.8	7.4	8.4	5	3.7	13.2	10.1	4.1	9.1	20.3	7	11	8.6	6.8	7.7	4	2.6	10.9	7.9	3.7	8.0	12.6	5	10
LSD (5%)				3.0	1.6	0.6	5	3.0	3.4	5.0	2.6	0.6	5.4	221	2596	3.3	1.5	0.6	3	2.1	2.7	3.9	2.2	0.4	4.0	142	2555

™* Brand is distributed by Beck's Superior Hybrids Inc.

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

Table Revisions - Replace the following pages in the 2009 Michigan Corn Hybrids Compared, Extension Bulletin E-431 December 2009

TABLE 7L. BRANCH, LENAWEE & WOOD (OHIO) COUNTY SILAGE TRIALS - LATE (111 - 118 Day) ZONE 1

2009				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	Strch	MK/T	MK/A	%DM	GT/A	DT/A	%Std	IVD	ADF	NDF	NDFD	CP	Strch	MK/T	MK/A
AGRIGOLD A6489VT3	111	P250	1,2,3	35.7	26.0	9.3 *	98	81.9	23.4	46.4	61.1	6.0	33.6	3309	30642	32.0	26.8	8.6 *	99	83.2	21.2	42.8	60.7	6.9	36.3	3404	29084
AGRIGOLD A6533VT3	113	P250	1,2,3	34.1	24.6	8.4	99	81.3	23.2	45.5	58.9	6.3	34.2	3280	27404	31.6	24.6	7.8	100	83.0	21.3	42.4	59.9	7.1	37.7	3397	26303
BECK 6733HXR™*	113	P500		33.8	25.0	8.4	94	82.1	23.4	46.1	61.1	6.7	32.6	3319	27913	32.4	23.3	7.5	96	83.3	21.1	42.6	60.8	7.6	35.7	3408	25600
BECK 5668™*	111	P500	1,2,3,4	36.7	24.9	9.1 *	99	83.2	20.8	42.3	60.1	6.7	37.5	3411	30981	32.9	26.1	8.5 *	99	83.7	19.5	40.7	59.9	7.9	37.5	3446	29377
CHANNEL 218-28R Brand	118	P250	1	34.0	25.9	8.8 *	96	81.6	24.5	48.3	61.8	6.5	30.1	3273	28885	32.9	26.7	8.7 *	99	83.0	21.5	43.7	61.0	7.5	34.9	3384	29563
DEKALB DKC61-69 (VT3)	111	P250	1,2,3	36.4	24.0	8.7	97	83.2	21.5	42.4	60.5	6.3	38.5	3414	29684	33.1	25.0	8.3 *	99	84.0	19.1	39.6	59.8	7.2	40.5	3475	28649
DEKALB DKC63-84 (VT3)	113	P250	1,2,3	34.3	24.9	8.5	97	82.5	22.0	44.1	60.4	6.2	36.4	3361	28546	30.0	26.4	8.0 *	100	83.2	20.8	42.2	60.1	7.0	38.3	3409	27100
DEKALB DKC65-63 (VT3)	115	P250	1,2,3	35.7	25.1	9.0 *	99	82.5	21.5	43.1	59.5	6.3	37.4	3371	30235	29.7	25.4	7.6	97	82.2	21.9	44.0	59.5	7.0	35.5	3336	25187
DEKALB DKC67-87 (RR2/YGCB)	117	P250	1,2	34.9	25.8	9.0 *	98	81.7	23.5	45.8	60.0	6.3	32.8	3299	29612	31.5	26.4	8.3 *	99	80.6	24.3	45.9	57.6	7.3	32.1	3229	26814
DYNAGRO V5294HXTRNS	112	P250	1,2,3,4,12	36.3	25.5	9.2 *	93	84.0	20.0	41.5	61.6	6.9	38.4	3466	31888	32.3	27.5	8.9 **	94	83.7	20.5	42.7	61.9	7.8	36.8	3431	30466
G2 GENETICS 1X-911 HXT/LL	110	C250	2,3,4	35.6	24.2	8.6	91	84.0	21.5	43.0	63.0	6.5	36.1	3454	29698	34.2	23.9	8.2 *	91	85.1	20.0	40.7	63.4	7.2	38.8	3527	28743
G2 GENETICS 5X-614 RR/HXT	114	C250	1,2,3,4	34.6	24.8	8.5	100	82.2	23.5	46.7	62.0	6.0	34.6	3320	28436	31.4	26.1	8.2 *	99	85.2	20.1	40.8	63.7	7.1	39.4	3530	28967
G2 GENETICS 5X-915 RR/HXT	115	C250	1,2,3,4	34.8	26.6	9.3 **	99	81.9	23.4	45.8	60.6	6.0	33.8	3315	30671	32.4	26.1	8.4 *	99	82.3	22.3	44.3	60.0	7.0	35.1	3340	28127
GREAT LAKES 6203	112	P250		36.2	24.3	8.7 *	98	81.2	22.3	43.9	57.1	6.4	37.4	3288	28752	35.0	23.0	8.0 *	100	83.2	19.3	38.8	56.7	7.3	42.1	3433	27578
GREAT LAKES 6255G3VT3	112	P250	1,2,3	34.3	24.3	8.3	98	79.1	24.7	47.2	55.6	6.0	32.8	3150	26087	30.1	26.1	7.8	99	81.9	22.2	43.5	58.4	6.9	35.9	3324	25842
GREAT LAKES 6321G3VT3	113	P250	1,2,3	33.4	25.7	8.5	99	81.2	23.9	46.5	59.5	6.0	32.9	3268	27823	31.5	26.1	8.2 *	100	82.9	20.9	41.6	58.8	6.7	39.1	3398	27897
GREAT LAKES 6354G3VT3	113	P250	1,2,3	35.6	24.1	8.5	95	82.0	22.8	44.7	59.7	6.2	33.7	3306	28276	32.9	24.9	8.2 *	98	83.9	19.3	39.4	59.0	7.4	40.7	3466	28388
GREAT LAKES 6455G3VT3	114	P250	1,2,3	32.9	26.0	8.5	99	81.7	23.2	46.1	60.3	6.3	33.6	3300	27958	28.7	27.7	8.0 *	99	82.9	21.7	43.4	60.6	6.9	37.1	3381	26874
MYCOGEN TMF2Q759	113	C250	1,2,3,4,8	33.5	25.0	8.4	98	82.8	24.0	47.0	63.3	6.0	30.0	3304	27665	33.2	25.6	8.5 *	100	84.4	20.6	41.3	62.1	6.8	38.4	3481	29462
MYCOGEN TMF2L831	118	C250	1,2,3,8	31.8	27.6	8.7	99	80.3	26.2	50.9	61.3	6.2	26.1	3132	27144	29.0	30.5	8.8 *	100	81.5	23.8	47.3	60.9	7.3	30.8	3271	28689
NuTech 3T-713 VT3	113	P250	1,2,3	36.5	22.6	8.2	99	82.3	22.7	45.9	61.4	6.2	32.3	3303	27143	33.5	25.1	8.4 *	99	84.2	19.6	40.8	61.0	7.3	38.9	3473	29273
NuTech 3C-115 RR/TGCB	115	C250	1,2	30.9	26.2	8.0	99	81.4	24.6	48.2	61.3	6.2	30.6	3264	26238	27.8	25.3	7.0	100	80.5	24.9	48.4	59.7	7.3	30.4	3205	22424
NuTech 3U-216 VTRR/LFY	116	C250	1,3,8	31.0	27.1	8.4	94	80.4	26.2	50.0	60.9	6.4	26.5	3190	26821	28.6	27.4	7.9	97	80.0	26.3	50.0	60.0	7.3	27.6	3162	24925
PIONEER 33D14	113	P250	1,2,3,4,12	34.1	25.3	8.6	97	81.3	26.4	49.8	62.4	6.0	30.5	3242	27842	31.0	25.5	7.9	96	82.7	23.8	45.9	62.2	6.9	33.3	3346	26447
PIONEER 33F88	114	P250	1,2,3,4,11,13,14	35.1	24.8	8.7	97	83.8	22.0	44.3	63.4	6.2	36.3	3428	29602	31.3	26.6	8.3 *	99	83.7	22.0	44.4	63.3	6.9	35.8	3418	28358
STEWART SEEDS 7T875	111	P250	1,2,3	36.1	23.0	8.3	100	81.3	21.9	45.0	58.4	6.2	35.1	3287	27147	33.7	23.6	7.9	99	82.8	20.2	41.1	58.1	7.2	37.7	3394	26896
STEWART SEEDS 7T945	111	P250	1,2,3	36.3	23.9	8.6	97	81.0	23.1	45.8	58.7	6.0	34.7	3263	28086	33.4	24.7	8.2 *	98	83.2	19.9	41.3	59.3	7.1	37.9	3417	28112
STEWART SEEDS 8T468	116	P250	1,2,3	36.1	25.1	9.0 *	99	83.9	20.6	42.3	61.8	6.0	38.0	3451	31231	32.9	25.6	8.4 *	100	82.9	20.7	41.9	59.1	6.6	38.8	3396	28351
STEWART SEEDS 8R831	117	P250	1	34.6	26.0	9.0 *	93	81.5	23.4	46.3	60.2	6.3	33.4	3286	29467	33.0	26.3	8.7 *	95	83.3	21.0	42.4	60.7	7.0	37.8	3414	29790
TRELAY 7T231	111	P250	1,2,3	34.7	25.0	8.6	98	82.2	22.5	44.8	60.4	6.2	35.4	3340	28735	30.3	25.6	7.7	100	81.9	22.1	43.9	58.8	7.0	35.5	3322	25556
TRELAY 8T339	113	P250	1,2,3	35.1	24.7	8.6	99	83.5	21.4	43.8	62.3	6.2	36.4	3416	29405	32.2	27.0	8.7 *	100	83.7	19.6	40.7	60.0	7.1	38.7	3450	29907
TRELAY 8RR712	117	P250	1	32.7	25.8	8.4	96	80.0	25.8	50.2	60.3	6.1	28.3	3174	26671	31.1	27.4	8.5 *	99	82.2	22.4	45.1	60.5	7.2	33.8	3329	28294
AVERAGE				34.6	25.1	8.6	97	82.0	23.1	45.7	60.6	6.2	33.7	3312	28646	31.7	25.9	8.2	98	82.9	21.4	42.9	60.2	7.1	36.5	3387	27720
HIGHEST				36.7	27.6	9.3	100	84.0	26.4	50.9	63.4	6.9	38.5	3466	31888	35.0	30.5	8.9	100	85.2	26.3	50.0	63.7	7.9	42.1	3530	30466
LOWEST				30.9	22.6	8.0	91	79.1	20.0	41.5	55.6	6.0	26.1	3132	26087	27.8	23.0	7.0	91	80.0	19.1	38.8	56.7	6.6	27.6	3162	22424
CV (%)				7.2	5.7	7.9	4	2.7	11.2	8.8	4.3	8.6	12.8	5	11	6.7	6.5	8.2	2	1.7	9.5	7.5	2.9	7.1	9.5	3	10
LSD (5%)				2.0	1.1	0.6	2	1.8	2.1	3.2	2.1	0.4	3.5	121	2514	3.0	2.4	0.9	3	2.0	2.9	4.5	2.5	0.7	4.9	141	3843

™* Brand is distributed by Beck's Superior Hybrids Inc.

2 Year Averages 2009 - 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	Strch	MK/T	MK/A	%DM	GT/A	DT/A	%Std	IVD	ADF	NDF	NDFD	CP	Strch	MK/T	MK/A
BECK 5668™*	111	P250	1,2,3	39.0	22.1	8.4 *	95	81.8	22.4	44.1	58.6	6.2	35.0	3314	28054	38.9	22.4	8.4 *	96	82.0	20.2	40.2	55.2	6.9	39.5	3335	28064
DEKALB DKC61-69 (VT3)	111	P250	1,2,3	39.6	21.6	8.4 *	95	83.0	21.5	42.0	59.5	6.2	37.8	3400	28745	38.0	22.9	8.6 *	98	83.8	19.3	38.3	57.7	6.5	41.1	3460	29792
DEKALB DKC65-63 (VT3)	115	P250	1,2,3	37.7	22.1	8.3 *	95	81.4	23.2	45.1	58.7	6.0	34.3	3283	27197	35.5	22.7	7.9	97	81.7	22.0	43.1	57.4	6.7	35.7	3298	25881
DEKALB DKC67-87 (RR2/YGCB)	117	P250	1,2	36.5	23.7	8.6 **	97	80.8	24.6	46.7	58.7	6.0	30.8	3224	27767	36.9	24.2	8.8 **	99	80.7	23.5	44.2	56.3	6.3	34.1	3234	28426
STEWART SEEDS 8T468	116	P250	1,2,3	37.0	22.7	8.3 *	98	82.8	22.2	44.1	60.8	5.8	34.9	3369	28184	34.9	23.2	8.0	100	83.0	20.1	40.1	57.6	6.3	39.0	3400	27293
AVERAGE				38.0	22.4	8.4	96	81.9	22.8	44.4	59.2	6.1	34.6	3318	27989	36.8	23.1	8.3	98	82.2	21.0	41.2	56.9	6.5	37.9	3346	27891
HIGHEST				39.6	23.7	8.6	98	83.0	24.6	46.7	60.8	6.2	37.8	3400	28745	38.9	24.2	8.8	100	83.8	23.5	44.2	57.7	6.9	41.1	3460	29792
LOWEST				36.5	21.6	8.3	95	80.8	21.5	42.0	58.6	5.8	30.8	3224	27197	34.9	22.4	7.9	96	80.7	19.3	38.3	55.2	6.3	34.1	3234	25881
CV (%)				8.2	6.3	7.6	5	2.9	11.8	9.1	4.5	8.5	13.0	5	10	7.9	6.6	7.9	3	2.5	10.8	8.2	4.8	7.3	10.0	4	10
LSD (5%)				2.8	1.5	0.6	3	2.3	2.7	4.1	2.7	0.5	4.3	160	2874	2.6	1.6	0.6	3	2.1	2.3	3.4	2.8	0.5	3.6	139	2790

2009				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	Strch	MK/T	MK/A	%DM	GT/A	DT/A	%Std	IVD	ADF	NDF	NDFD	CP	Strch	MK/T	MK/A
AGRIGOLD A6489VT3	111	P250	1,2,3	36.1	27.3	9.8 **	97	83.8	21.7	43.0	62.2	5.7	37.5	3458	34023	38.9	24.1	9.4	99	78.8	27.5	53.5	60.4	5.4	27.0	3065	28818
AGRIGOLD A6533VT3	113	P250	1,2,3	32.5	24.9	8.0	98	79.6	25.8	49.5	58.8	6.1	28.1	3169	25430	38.2	24.3	9.3	99	81.2	22.7	44.6	57.9	5.9	36.6	3274	30478
BECK 6733HXR™*	113	P500		32.3	26.8	8.7	92	81.2	25.4	49.1	61.6	6.6	28.3	3257	28181	36.7	24.8	9.1	93	81.8	23.8	46.6	61.1	5.9	33.8	3292	29959
BECK 5668™*	111	P500	1,2,3,4	36.3	24.4	8.8	99	83.9	21.3	43.0	62.4	6.6	35.9	3458	30545	41.0	24.1	9.9 *	97	81.9	21.5	43.1	58.0	5.6	39.1	3330	33021
CHANNEL 218-28R Brand	118	P250	1	30.9	25.2	7.8	93	80.9	25.5	49.7	61.5	6.0	27.9	3240	25361	38.1	25.9	9.9 *	96	80.9	26.6	51.5	63.1	5.9	27.5	3195	31731
DEKALB DKC61-69 (VT3)	111	P250	1,2,3	36.5	24.0	8.8	98	84.3	20.6	42.2	63.0	6.1	38.5	3492	30571	39.5	23.0	9.1	95	81.3	24.7	45.3	58.9	5.6	36.6	3277	29833
DEKALB DKC63-84 (VT3)	113	P250	1,2,3	34.9	24.4	8.5	98	82.5	22.4	44.5	60.6	5.9	36.1	3372	28601	38.0	23.7	9.0	93	81.9	22.9	45.6	60.3	5.8	34.7	3304	29937
DEKALB DKC65-63 (VT3)	115	P250	1,2,3	35.8	25.1	8.9 *	99	81.9	22.7	45.1	59.8	6.1	35.6	3331	29717	41.7	24.8	10.4 **	100	83.6	19.8	40.3	59.3	5.8	41.1	3445	35802
DEKALB DKC67-87 (RR2/YGCB)	117	P250	1,2	33.0	25.7	8.5	95	82.9	23.3	45.7	62.6	5.9	32.0	3384	28712	40.2	25.3	10.2 *	100	81.5	23.1	46.0	59.8	5.7	34.4	3282	33309
DYNAGRO V5294HXTRNS	112	P250	1,2,3,4,12	36.3	25.2	9.1 *	93	83.9	21.1	42.5	62.0	6.1	37.8	3463	31603	40.3	23.8	9.6 *	91	84.6	18.6	39.4	60.8	6.8	40.7	3503	33595
G2 GENETICS 1X-911 HXT/LL	110	C250	2,3,4	34.9	24.4	8.5	93	85.4	20.2	40.7	64.2	6.3	37.8	3564	30306	37.7	24.4	9.2	88	81.6	24.3	47.6	61.4	5.9	31.7	3271	30046
G2 GENETICS 5X-614 RR/HXT	114	C250	1,2,3,4	35.4	25.1	8.9 *	100	83.0	24.8	47.0	63.7	5.9	32.6	3377	30027	37.0	23.2	8.6	100	78.3	25.7	52.1	58.6	5.1	31.7	3053	26313
G2 GENETICS 5X-915 RR/HXT	115	C250	1,2,3,4	33.8	27.4	9.3 *	99	83.5	22.6	44.2	62.7	5.7	35.3	3431	31790	38.3	26.4	10.1 *	99	80.0	25.3	48.8	59.1	5.3	31.1	3174	32096
GREAT LAKES 6203	112	P250		33.1	25.6	8.4	95	79.2	25.2	47.8	56.6	5.7	33.5	3164	26580	40.6	24.1	9.8 *	99	81.1	22.6	45.0	58.0	6.3	36.5	3266	32098
GREAT LAKES 6255G3VT3	112	P250	1,2,3	32.6	23.7	7.7	100	75.6	31.9	57.1	57.3	4.9	23.3	2898	22191	40.3	23.2	9.3	96	80.0	20.1	40.9	51.0	6.1	39.2	3227	30227
GREAT LAKES 6321G3VT3	113	P250	1,2,3	30.8	26.6	8.2	100	81.9	24.3	47.6	61.8	6.4	27.1	3310	27114	37.8	24.4	9.2	99	78.8	26.5	50.4	58.0	5.0	32.4	3097	28456
GREAT LAKES 6354G3VT3	113	P250	1,2,3	33.8	24.1	8.1	96	81.8	24.4	48.6	62.6	6.2	25.8	3228	26313	40.1	23.2	9.3	92	80.4	24.7	46.1	57.6	5.1	34.6	3223	30127
GREAT LAKES 6455G3VT3	114	P250	1,2,3	31.6	25.7	8.1	100	81.2	24.8	49.1	61.8	6.1	27.7	3262	26229	38.3	24.6	9.4	99	81.1	23.2	45.8	58.6	5.8	35.9	3257	30769
MYCOGEN TMF2Q759	113	C250	1,2,3,4,8	31.2	23.6	7.4	96	83.6	25.3	49.4	66.7	5.8	26.0	3354	24818	36.3	25.8	9.3	100	80.5	26.2	50.2	61.1	5.3	25.5	3076	28715
MYCOGEN TMF2L831	118	C250	1,2,3,8	31.1	26.1	8.1	97	80.6	27.1	52.7	63.1	5.8	25.4	3198	25681	35.3	26.2	9.2	101	78.8	27.7	52.7	59.9	5.5	22.3	2928	27062
NuTech 3T-713 VT3	113	P250	1,2,3	32.0	21.6	6.9	97	81.1	25.7	51.1	63.0	5.8	21.5	3144	21710	44.0	21.2	9.3	99	81.7	22.7	45.9	60.3	5.5	36.5	3294	30446
NuTech 3C-115 RR/TGCB	115	C250	1,2	27.7	28.5	7.9	96	81.6	25.9	50.0	63.3	5.9	26.0	3277	25821	37.4	24.7	9.2	100	82.0	23.1	46.1	61.0	5.4	35.6	3310	30470
NuTech 3U-216 VTRR/LFY	116	C250	1,3,8	30.2	26.6	8.0	95	82.1	25.2	49.1	63.5	6.1	25.7	3297	26477	34.2	27.2	9.3	91	79.2	27.1	51.0	59.4	5.9	26.2	3110	29062
PIONEER 33D14	113	P250	1,2,3,4,12	33.1	26.3	8.7	98	81.8	25.4	48.5	62.6	5.7	31.7	3303	28857	38.1	24.0	9.1	97	79.3	30.2	55.0	62.5	5.4	26.6	3076	28221
PIONEER 33F88	114	P250	1,2,3,4,11,13,14	37.0	23.1	8.5	96	85.9	19.4	39.8	64.5	5.9	42.0	3598	30629	36.9	24.7	9.1	96	81.8	24.5	48.6	62.5	5.9	31.2	3270	29817
STEWART SEEDS 7T875	111	P250	1,2,3	33.3	23.6	7.8	100	80.3	24.9	48.7	59.6	6.2	28.2	3215	25156	41.3	21.9	9.0	101	80.8	20.5	45.1	57.6	5.2	39.3	3254	29389
STEWART SEEDS 7T945	111	P250	1,2,3	36.1	23.4	8.4	100	82.1	22.8	45.0	60.3	5.7	36.0	3345	27968	39.5	23.6	9.3	93	77.6	26.6	51.3	56.5	5.2	30.3	3026	28180
STEWART SEEDS 8T468	116	P250	1,2,3	35.3	25.7	9.1 *	98	85.5	19.5	40.5	64.1	6.0	39.6	3569	32425	40.3	24.2	9.7 *	98	83.2	21.7	44.4	62.1	5.5	35.6	3389	32919
STEWART SEEDS 8R831	117	P250	1	33.4	26.1	8.7	92	82.0	23.6	46.9	61.6	6.3	31.7	3323	28845	37.3	25.6	9.5 *	92	79.2	25.4	49.6	58.2	5.8	30.6	3121	29766
TRELAY 7T231	111	P250	1,2,3	33.8	26.0	8.7	96	81.1	24.4	47.4	60.1	5.3	33.2	3271	28514	40.0	23.4	9.4	99	83.8	20.9	43.1	62.3	6.2	37.5	3428	32134
TRELAY 8T339	113	P250	1,2,3	35.5	22.7	8.0	97	84.7	21.2	43.6	64.9	5.8	37.0	3501	28075	37.6	24.4	9.2	100	82.0	23.3	47.2	61.9	5.8	33.4	3297	30232
TRELAY 8RR712	117	P250	1	31.1	24.7	7.7	96	77.8	28.9	54.5	59.5	5.6	23.2	3035	23160	35.7	25.2	9.0	95	80.1	26.3	51.0	61.1	5.6	28.0	3159	28559
AVERAGE				33.5	25.1	8.4	97	82.1	24.0	47.0	61.9	5.9	31.5	3321	27857	38.6	24.3	9.4	97	80.9	24.0	47.3	59.6	5.7	33.2	3227	30362
HIGHEST				37.0	28.5	9.8	100	85.9	31.9	57.1	66.7	6.6	42.0	3598	34023	44.0	27.2	10.4	101	84.6	30.2	55.0	63.1	6.8	41.1	3503	35802
LOWEST				27.7	21.6	6.9	92	75.6	19.4	39.8	56.6	4.9	21.5	2898	21710	34.2	21.2	8.6	88	77.6	18.6	39.4	51.0	5.0	22.3	2928	26313
CV (%)				8.0	6.2	8.4	4	2.3	10.1	8.0	3.4	9.0	14.2	4	11	6.8	3.6	7.1	4	3.7	13.3	10.4	6.1	10.2	14.8	6	12
LSD (5%)				3.8	2.2	1.0	6	2.6	3.4	5.3	2.9	0.8	6.3	196	4112	3.7	1.2	0.9	6	4.2	4.5	6.9	5.1	0.8	6.9	275	5118

™* Brand is distributed by Beck's Superior Hybrids Inc.

2 Year Averages 2009 - 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	Strch	MK/T	MK/A	%DM	GT/A	DT/A	%Std	IVD	ADF	NDF	NDFD	CP	Strch	MK/T	MK/A
BECK 5668™*	111	P250	1,2,3	40.9	21.0	8.4 **	98	82.6	22.6	44.7	61.0	6.3	34.5	3360	28119	37.3	22.8	8.6 *	91	80.9	24.5	47.6	59.7	5.5	30.9	3246	27979
DEKALB DKC61-69 (VT3)	111	P250	1,2,3	42.3	20.0	8.2 *	97	84.0	20.3	40.9	60.8	6.3	39.6	3471	28547	38.7	22.0	8.5 *	92	81.2	24.8	46.7	59.8	5.8	32.7	3268	27895
DEKALB DKC65-63 (VT3)	115	P250	1,2,3	38.8	21.7	8.3 *	98	80.9	24.0	46.4	59.1	5.9	33.8	3258	26956	39.0	21.9	8.6 *	92	81.5	23.5	45.7	59.5	5.5	33.5	3294	28754
DEKALB DKC67-87 (RR2/YGCB)	117	P250	1,2	36.0	23.2	8.3 *	97	81.3	24.5	46.7	60.0	6.0	30.7	3275	27055	36.7	23.7	8.7 *	96	80.3	25.7	49.0	59.8	5.6	27.6	3163	27820
STEWART SEEDS 8T468	116	P250	1,2,3	37.6	21.7	8.1 *	98	82.5	23.8	46.8	62.7	5.6	32.6	3338	27194	38.5	23.2	8.9 **	95	82.8	22.6	45.3	61.9	5.6	33.1	3368	30063
AVERAGE				39.1	21.5	8.2	97	82.3	23.0	45.1	60.7	6.0	34.2	3340	27574	38.0	22.7	8.7	93	81.3	24.3	46.9	60.2	5.6	31.5	3268	28502
HIGHEST				42.3	23.2	8.4	98	84.0	24.5	46.8	62.7	6.3	39.6	3471	28547	39.0	23.7	8.9	96	82.8	25.7	49.0	61.9	5.8	33.5	3368	30063
LOWEST				36.0	20.0	8.1	97	80.9	20.3	40.9	59.1	5.6	30.7	3258	26956	36.7	21.9	8.5	91	80.3	22.6	45.3	59.5	5.5	27.6	3163	27820
CV (%)				9.6	7.6	8.1	4	2.8	12.0	9.3	3.7	8.3	15.0	5	10	6.9	4.3	6.9	4	3.2	12.4	9.4	4.9	10.3	14.3	6	11
LSD (5%)				3.3	1.8	0.7	4	2.3	2.9	4.3	2.2	0.5	4.7	164	2769	2.6	1.0	0.6	4	2.6	3.0	4.4	2.9	0.6	4.6	176	3091