2014 MICHIGAN CORN HYBRIDS COMPARED

MICHIGAN STATE UNIVERSITY | Extension

Research conducted by Michigan State University.
Results of the 2014 Growing Season.

EXTENSION BULLETIN E-431 DECEMBER 2014

COMPANY INDEX

BRAND	CONTACT
AGRIGOLD	AgriGold Hybrids 5381 Akin Rd St. Francisville, IL 62460 www.agrigold.com
BECK	Beck's Hybrids 6767 E. 276th Street Atlanta, IN 46031 www.beckshybrids.com
CHANNEL	Monsanto Company 800 N. Lindbergh Blvd. St. Louis, MO 63167 www.channel.com
CROPLAN	Croplan Genetics P.O. Box 64281, MS 5735 St Paul, MN 55164 www.croplan.com
DAIRYLAND	Dairyland Seed P.O. Box 958 West Bend, IL 62535 www.dairylandseed.com
DEKALB	Monsanto Company 800 N. Lindbergh Blvd. St. Louis, MO 63167 www.asgrowanddekalb.com
DYNA-GRO	Dyna-Gro Seed 4648 S. Garfield Road Auburn, MI 48611 www.dyna-groseed.com
GOLDEN HARVEST	Syngenta Seed 11055 Wayzata Blvd. Minnetonka, MN 55440 www.syngenta.com
GREAT LAKES	Great Lakes Hybrids 9915 West M21 Ovid, MI 48866 www.greatlakeshybrids.com
HYLAND SEEDS	Hyland Seeds #5 Hyland Drive P.O. Box 1090 Blenheim, ON N0P1A0 www.hylandseeds.com
KEY	AGRA Solutions, LLC 23778 Delphos Jennings Road Delphos, OH 45833 www.agrasolutions.com
LEGACY SEEDS	Legacy Seeds, Inc. P.O. Box 68 - 290 Depot St. Scandinavia, WI 54799 www.legacyseeds.com
LEGEND	Legend Seeds P.O. Box 241 DeSmet, SD 57231 www.legendseeds.com
M & W	M & W Seeds Inc. 8443 Wilcox Road Eaton Rapids, MI 48827 www.mwseeds.com
MASTERS CHOICE	Masters Choice, Inc. 3010 State Route 146 E. Anna, IL 62906 www.seedcorn.com
MYCOGEN	Mycogen Seeds 9330 Zionsville Road Indianapolis, IN 46268 www.mycogen.com
NK Brand	Syngenta Seeds, Inc. 11055 Wayzata Blvd. Minnetonka, MN 55440 www.syngenta.com
NuTech	NuTech Seed, LLC 2321 N. Loop Dr., Suite 230 Ames, IA 50010 www.nutechseed.com
NuTech/ G2 GENETICS	NuTech Seed, LLC 2321 N. Loop Dr., Suite 230 Ames, IA 50010 www.nutechseed.com
PIONEER	DuPont Pioneer 59 Greif Pkwy, West Suite 200 Delaware, OH 43015 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
SEED CONSULTANTS	Seed Consultants, Inc. 648 Miami Trace Rd. SW Washington C. H., OH 43160 www.seedconsultants.co
SELECT	Select Seeds 277 West State Rd. 218 Camden, IN 46917 www.selectseed.com
SPECIALTY	Specialty Hybrids 306 N Main Street Monticello, IN 47960 www.specialtyhybrids.com
SPECTRUM	Spectrum Seed Solutions 220 S. Main St. P.O. Box 7 Linden, IN 47955 www.spectrumseed.com
STEYER	Steyer Seeds 6145 N. County Road 33 Tiffin, OH 44883 www.steyerseeds.com
T.A. SEEDS	T.A Seeds 39 Seeds Lane Jersey Shore, PA 17740 www.taseeds.com
WELLMAN	Wellman Seeds, Inc. 23778 Delphos Jennings Rd. Delphos, OH 45833 www.wellmanseeds.com
WOLF RIVER	Wolf River Vally Seeds N 2976 County M White Lake, WI 54491 www.wolfrivervallyseeds.com
UNITY	Unity Seeds 3589 Sagamore Pkwy Layfaytte, IN 47904 www.unityseeds.com

2014
MICHIGAN CORN PERFORMANCE TRIALS

K. Thelen, W. D. Widdicombe and L. A. Williams
Department of Plant, Soil, and Microbial Sciences
Michigan State University

Introduction

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

Entries

Seed companies are invited to enter hybrids in the trials; a fee is charged to cover expenses incurred while conducting the trials. Separate indexes for grain and silage provide a list of all hybrids entered in the 2014 trials (pg. 28 and 33, respectively). Fourteen grain and 11 silage locations were planted. A total of 364 hybrids from 31 seed companies (34 brand names) make up the 581 entries; that translates into 7,669 separate county plots planted. 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 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 for corn grain and corn silage trials are also listed on our Web site.

http://www.varietytrials.msu.edu

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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 were two methods employed 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 an individual hybrid would have to differ from another hybrid in the same test to be considered significantly different from that hybrid. The coefficient of variability, (CV) is indicative of a trial's precision. Trials with low levels of error variation have lower CV values.

The highest-yielding hybrid in each trial is indicated with a double asterisk (**) in each table, hybrids that are not significantly different from the highest-yielding hybrid are indicated with an asterisk (*). Other agronomic information relative to each trial is given in tables B and C (pages 5 and 32). Fertilizer amounts are shown as total pounds per acre of nitrogen, phosphorus, and potassium applied during the season.

Season in Summary: 2014

Entry forms for participating companies were due March 15. By the end of March we began receiving the seeds that made up our trials. After a lot of paper work, printing of labels and placing labels on packets, our students began counting the seeds and filling the packets. The counting process was made easier with an Agriculex ESC-1 seed counter. Packets were sorted by trial and location and placed in a computer-generated randomized planting order. Some of our seed comes from winter production in South America. We are usually receiving seed up to the morning we leave the barn for the first day of planting.

Planting began in Cass County on Sunday May 11th, 2014, and over the next five weeks planting went well. The only gap between plantings were the eight days between Cass County, (first planted), and Branch County, (second planted).

Stand counts went off without a hitch, all plots were counted and thinned at the V5 stage. Most locations were planted at a population of 36,000 and then thinned to a target number in order to achieve a relatively even population for all plots. The two exceptions were Grand Traverse County and Wood County, OH. Grand Traverse County was planted at the standard 36,000 and then thinned to a population of 29,305. Wood County, OH was planted at 36,500 and had a target of 35,640.

Weed control applications were coordinated with cooperatores to match their rotational restricitons. Fertilizer applications followed recomended rates for the field.

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2014
GROWING SEASON WEATHER SUMMARY

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

Among the most important weather influences on the 2014 growing season was the severe winter that preceded it. A deep upper-air troughing pattern developed across eastern North America during late November and with only a few temporary breaks continued into early March. This pattern led to the passage of a series of arctic-origin air masses through the state and region, the coldest November through March period in over 100 years and the most extensive ice cover on the Great Lakes since the winter of 1978/1979. Extreme minimum temperatures during the winter ranged from -35°F or less in the western UP to just below 0°F at a few locations along the lake shore in western Lower Michigan.

Snowfall during the winter was heavier than normal in most areas, ranging from about 40 inches in some central and southern sections to more than 250 inches in the Upper Peninsula's lake-effect snow belts. The prolonged cold temperatures allowed the development of an unusually deep snow pack across the state, with depths by the beginning of March ranging from about 4 inches at a few locations in the eastern Lower Peninsula to more than 4 feet across snowbelt areas of Upper Michigan. The snow pack also contained very high levels of water equivalent, ranging from about 2 inches in the SE corner of the state to 3-6 inches across much of Lower MI to 6-10 inches or more in lake-effect snowbelt areas of NW Lower and northern Upper MI. For some areas (e.g. central and southern Lower MI), these values were near records levels. Given the deep snow cover, soil temperatures remained at warmer-than-normal levels across the state during the winter and much of the water in the snow pack infiltrated into the soil following an extended thaw in late March. By the beginning of April, all of the state was categorized by the Palmer Drought Severity Index as 'Unusually Moist' to 'Extremely Moist'.

The spring of 2014 was challenging for most agricultural activities. Mean temperatures for the month of April ranged from more than 6°F below normal across central and western sections of Upper Michigan to near normal in southeastern sections of the Lower Peninsula. Precipitation totals ranged from less than 2" across southern sections of the state to more than 6" across central and northern sections of the Lower Peninsula. The cool, wet weather slowed development of overwintering perennial and annual crops and severely hampered spring planting and other fieldwork activities. A period of warm, dry conditions developed during the second half of May and continued into early June, finally allowing spring planting and associated fieldwork to progress at a rapid rate across Michigan.

A persistent frontal boundary oscillating north and south across the Upper Midwest during late June combined with an abundance of Gulf of Mexico-origin moisture led to wetter than normal conditions and several rounds of severe weather across much of the region including portions of Michigan. Total June rainfall ranged from less than 2" across some eastern sections of the state to more than 6" in the southwestern Lower Peninsula. Widespread heavy rainfall late in the month reversed earlier drier-than-normal conditions that had slowed vegetative crop growth in some southwestern sections of the state. Mean temperatures for the month were above long-term normals at most locations, ranging from near to slightly below-normal levels across central and western sections of Upper Michigan to 1-3°F above normal elsewhere. The warmer-than-normal weather led to a noticeable acceleration of crop growth and development. By the end of June, seasonal growing degree day totals had increased to levels near to slightly ahead of normal across most southern and central sections of the state. In contrast, seasonal totals across western and central sections of Upper Michigan continued to lag from 7-10 days behind normal.

During early July, an upper-air troughing pattern developed across central North America and persisted into mid August, resulting in a return of cooler-than-normal weather across much of the Great Lakes region. Mean temperatures for the July through mid August period generally remained from 2-5°F below the long-term normals. As of late August, seasonal growing degree day accumulations fell back to well-behind normal rates over most of the state, with greatest departures across northern and western sections of the state where the totals were more than 2 calendar weeks behind normal. The northwesterly upper air pattern led to a highly variable pattern of rainfall across the state during the mid-summer period, with totals ranging from below-normal levels across western and northern sections of the state to above-normal levels across far eastern sections of Lower Michigan. An outbreak of 'training' thunderstorms (thunderstorms which repeatedly form and move over the same area) across much of eastern Lower Michigan led to rainfall totals from 2" to more than 6" in a 12 hour period on the 11th, causing widespread flooding across much of the Detroit Metro area. In contrast, dryness continued and intensified across many western sections of the state. As a result, central sections of Upper Michigan and northwestern South Central Lower Michigan were categorized as 'Abnormally Dry' by the U.S. Drought Monitor as of late August.

A progressive, west-to-east jet stream flow led to the development of more variable weather conditions across Michigan in early September. The passage of a Canadian-origin air mass across the region accompanied by clear, calm nighttime conditions brought the first freezing temperatures of the fall season to western and central sections of the Upper Peninsula on the 12th and 13th of September, and to interior sections of northern Lower Michigan on the 13th and 14th. The passage of a series of frontal boundaries and low pressure systems brought heavy precipitation to much of the state during

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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	BRANCH & CASS (Coldwater)	TEMP	58.4	59.2	-0.8	67.3	68.4	-1.1	64.5	71.9	-7.4	67.6	70.1	-2.5	58.2	63.3	-5.2	63.2	66.6	-3.4
		PPT	2.46	3.12	-0.66	5.40	3.95	1.45	1.73	3.79	-2.06	3.18	3.16	0.02	3.03	3.01	0.02	15.80	17.03	-1.23
		GDD	370	381	-11	537	564	-27	478	670	-192	561	628	-67	335	454	-119	2281	2697	-416
	LENAWEE & WASHTENAW (Hudson)	TEMP	59.0	58.3	0.7	69.0	67.8	1.2	67.5	71.7	-4.2	70.0	69.9	0.1	60.8	62.6	-1.9	65.3	66.1	-0.8
		PPT	2.80	3.04	-0.24	4.22	3.30	0.92	0.69	3.73	-3.04	0.26	3.20	-2.94	1.25	2.62	-1.37	9.22	15.89	-6.67
		GDD	380	353	27	582	542	40	556	658	-102	629	616	13	404	432	-28	2551	2601	-50
	WOOD (OH) (Bowling Green)	TEMP	60.5	60.1	0.4	70.3	69.8	0.5	69.1	73.4	-4.3	70.8	70.9	-0.1	62.5	64.1	-1.6	66.6	67.7	-1.0
		PPT	1.69	3.58	-1.89	4.13	3.56	0.57	0.22	3.57	-3.35	0.75	3.36	-2.61	2.55	2.63	-0.08	9.34	16.70	-7.36
		GDD	391	360	31	613	551	62	598	682	-84	654	628	26	431	430	1	2687	2651	36
Zone 2	ALLEGAN (Wayland)	TEMP	57.2	57.4	-0.2	67.3	67.1	0.2	65.0	71.2	-6.2	69.0	69.5	-0.5	60.1	61.9	-1.8	63.7	65.4	-1.7
		PPT	2.31	2.86	-0.55	3.63	3.68	-0.05	1.60	2.95	-1.35	4.42	3.14	1.28	2.69	3.24	-0.55	14.65	15.87	-1.22
		GDD	326	335	-9	539	530	9	477	654	-177	597	610	-13	369	412	-43	2308	2541	-233
	INGHAM (MSU)	TEMP	58.3	57.5	0.8	67.9	67.0	0.9	65.8	70.7	-4.9	68.4	69.0	-0.6	59.5	62.0	-2.5	64.0	65.2	-1.3
		PPT	3.14	2.73	0.41	5.25	3.54	1.71	2.07	3.02	-0.95	3.85	3.12	0.73	2.83	2.50	0.33	17.14	14.91	2.23
		GDD	351	338	13	553	530	23	507	640	-133	582	598	-16	358	418	-60	2351	2524	-173
	SAGINAW (Saginaw)	TEMP	59.3	58.6	0.7	69.9	68.2	1.7	68.7	72.1	-3.4	69.4	70.2	-0.8	61.9	62.9	-1.0	65.8	66.4	-0.6
		PPT	3.18	2.49	0.69	2.45	3.09	-0.64	3.43	2.83	0.60	4.73	3.29	1.44	3.69	2.76	0.93	17.48	14.46	3.02
		GDD	355	367	-12	601	555	46	586	670	-84	608	623	-15	405	438	-33	2555	2653	-98
Zone 3	HURON (Pigeon)	TEMP	56.9	55.2	1.7	66.8	64.9	1.9	66.1	69.3	-3.2	66.2	67.8	-1.6	59.0	61.0	-2.0	63.0	63.6	-0.6
		PPT	1.59	2.58	-0.99	1.96	2.88	-0.92	2.17	2.93	-0.76	1.91	3.01	-1.10	3.09	2.67	0.42	10.72	14.07	-3.35
		GDD	297	298	-1	516	479	37	508	602	-94	517	569	-52	339	387	-48	2177	2335	-158
	MASON (Ludington)	TEMP	57.9	54.4	3.5	68.2	63.6	4.6	66.4	68.5	-2.1	69.2	67.2	2.0	60.2	60.2	0.0	64.4	62.8	1.6
		PPT	3.18	2.48	0.70	7.03	2.93	4.10	2.35	2.18	0.17	2.14	3.79	-1.65	2.55	3.25	-0.70	17.25	14.63	2.62
		GDD	329	273	56	562	450	112	518	587	-69	615	552	63	393	365	28	2417	2227	190
	MONTCALM (Entrican)	TEMP	57.0	57.7	-0.7	67.1	67.1	0.0	65.2	71.0	-5.8	67.6	69.3	-1.7	58.9	61.6	-2.7	63.2	65.3	-2.2
		PPT	5.57	2.88	2.69	3.38	3.43	-0.05	3.68	2.50	1.18	1.92	3.84	-1.92	2.11	3.12	-1.01	16.66	15.77	0.89
		GDD	327	351	-24	533	536	-3	488	646	-158	563	603	-40	352	414	-62	2263	2550	-287
Zone 4	GRAND TRAVERSE (NWMHS)	TEMP	55.5	53.5	2.0	65.8	63.7	2.1	65.4	68.8	-3.4	68.0	67.3	0.7	59.7	59.3	0.4	62.9	62.5	0.4
		PPT	2.66	2.48	0.18	2.19	3.15	-0.96	1.33	2.88	-1.55	3.19	2.93	0.26	5.64	3.60	2.04	15.01	15.04	-0.03
		GDD	281	273	8	490	454	36	488	587	-99	565	552	13	325	348	-23	2149	2214	-65
	IOSCO (Standish)	TEMP	57.0	54.1	2.9	67.1	64.1	3.0	67.4	68.4	-1.0	61.3	66.3	-5.0	59.0	59.0	0.0	62.3	62.4	0.0
		PPT	3.16	3.32	-0.16	2.72	3.43	-0.71	4.09	2.81	1.28	3.97	3.40	0.57	3.24	3.24	0.00	17.18	16.20	0.98
		GDD	303	181	122	525	431	94	546	576	-30	396	489	-93	374	279	95	2144	1956	188
	MENOMINEE (Stephenson)	TEMP	53.8	53.6	0.2	63.6	62.7	0.9	64.8	67.4	-2.6	65.5	65.5	0.0	57.2	57.0	0.2	61.0	61.2	-0.3
		PPT	2.78	3.57	-0.79	1.96	3.72	-1.76	1.69	3.63	-1.94	3.76	3.86	-0.10	2.44	3.60	-1.16	12.63	18.38	-5.75
		GDD	275	285	-10	448	438	10	497	559	-62	508	513	-5	331	319	12	2059	2114	-55
Zn 5	DELTA (Escanaba)	TEMP	51.4	52.6	-1.2	61.4	62.3	-0.9	63.1	65.7	-2.6	63.6	65.2	-1.6	56.5	57.7	-1.2	59.2	60.7	-1.5
		PPT	2.13	2.85	-0.72	3.04	3.06	-0.02	3.21	3.57	-0.36	4.59	3.08	1.51	4.85	3.69	1.16	17.82	16.25	1.57
		GDD	244	263	-19	398	419	-21	446	499	-53	458	492	-34	299	311	-12	1845	1984	-139

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 2014
NORM = Normals calculated over 30 year period (1981-2010)
DEV = Deviation of observed from normal

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

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early September with monthly totals ranging from less than 3" across southern sections of Lower Michigan to more than 6" across some northwestern sections of the Lower Peninsula. By month's end, the fraction of the state in the U.S. Drought Monitor's 'Abnormally Dry' category fell back to about 6 percent, mostly across far south central portions of the Lower Peninsula.

The development of an upper ridge across the region during late September led to abnormally warm and dry weather during much of the last week of the month, advancing late-maturing crops and accelerating grain drydown rates. Still, as of the end of September, seasonal growing degree day accumulations lagged well behind normal in most areas, ranging from a few days behind in a few eastern Lower Michigan locations to 1-2 weeks or more behind normal elsewhere. Unfortunately, the ridging pattern was replaced by a deep upper-air trough and cool, wet weather in early October. That was followed by the incursion of a Canadian-origin air mass across the region that led to a series of frost/freeze events on the 10th, 11th, and 12th of October, and again on the 19th that ended the growing season for many crops.

While the first freezes were close to the climatic average dates in many cases, they came before a portion of the state's corn crop delayed by late planting and an abnormally cool July had reached maturity. According to USDA's National Agricultural Statistics Service, only 51 percent of the state's corn had reached maturity by the 5th of October and 62 percent by the 12th (normal averages for those dates are 68 percent and 81 percent respectively). Low grain test weights and high moisture content were a challenge for some growers.

The winter season made an early appearance across the Midwestern USA in early November as a major winter storm crossed the region bringing strong winds, heavy snow, and major disruptions in travel to northern and western sections of Michigan on the 10th-12th. Several rounds of lake effect snowfall followed across the region through the third week of the month, slowing vegetative development of fall-planted crops and bringing harvest operations to a halt in most areas.

In summary, the 2014 growing season was characterized by a prolonged cool, wet spring which delayed spring planting and an unusually cool July (climatologically the warmest month of the year), which combined to slow crop growth and development rates. For the April through September period, temperatures averaged from near-normal in a few western locations to below-normal elsewhere across the state. Precipitation totals for the same period varied greatly by location, ranging from well below normal levels (more than 6" below normal in some cases) across western and southern areas of the state to more than 3" above-normal in the east and north. Finally, given a tendency for above normal temperatures in recent years, it is also worth noting the recent string of cooler-than-normal weather back through the preceding winter in a historical context. Mean temperatures for the 9-month November, 2013 through July, 2014 period averaged across the state were 36.2°F, which was 2.8°F below normal and the coolest such period since 1925/1926.

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Table A (pg. 5) presents 2014 accumulations of temperature, rainfall, and heat units, plus their deviation from 30-year norms. Data is obtained from Michigan State University weather stations located closest to each location. Actual accumulation at each location may vary slightly.

GDU's, or rather the lack of, seemed to affect much of the timely maturity of corn throughout the state, and our plots were no exception. We began harvesting silage plots on Sept. 16 in Wood County, Ohio and finished on Oct. 29 with our Delta County location. We completed our first six locations in 13 days, however, as everyone knows, the weather cooperated for some and was a disappointment for others. It took us an additional 30 days to complete our last five locations.

Unfortunately, we were unable to harvest two of our silage locations. Menominee County received an unusual amount of rain and early frost damage leading up to harvest, leaving the field in an unharvestable condition. Alger County received frost and also suffered from severe wildlife damage. Our Ingham County and Branch County locations had the early and late silage trials harvested on separate dates due to the slow-maturing rate of the late silage plots. Sub-samples were brought back to Michigan State University for final analysis. Our student, Emily DeVooght, was very instrumental in the quick processing of our sub-samples.

Grain harvest began on Nov. 10 in Allegan County, and we finished in Grand Traverse County on Dec. 5. The Grand Traverse County location was harvested late due to heavy snow accumulation, fortunately the snow melted, allowing us to return to the field for harvest. However, after data analysis it was decided that the information would not be entered in the bulletin. Menominee, Delta, Grand Traverse, and Montcalm Counties were not harvested due to early frost and a lack of maturity.

2014
GRAIN PERFORMANCE TRIALS

Introduction

The grain index (pg. 28) contains a list of all hybrids planted in the 2014 grain trials.

County results are reported in the following tables:

Tables 1E/1L Zone 1 - Branch, Cass and Washtenaw
Tables 2E/2L Zone 2 – Allegan, Ingham and Saginaw
Tables 3E/3L Zone 3 - Huron, Mason and Montcalm (dropped 2014)
Table 4 Zone 4 –Grand Traverse (dropped 2014), Iosco and Menominee (dropped 2014)
Table 5 Zone 5 – Delta (dropped 2014) and Menominee (dropped 2014)
Table's 6E/6L Conventional Trial – Huron (Zone 3), Montcalm (Zone 3, dropped 2014), and Saginaw (Zone 2)

The map of Michigan (below) shows each zone and the locations where the trials were located.

Methods

Three trial locations were planted in each of four maturity zones, zone 5 had two locations. These zones were 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 zone 1, zone 2, and zone 3 were divided into two maturity groups, (early and late), on the basis of relative maturity (RM) provided by the seed companies. In zone 4 and zone 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™ SQL (Agronomix Software, Inc., Winnipeg, Canada). The experimental layout was a four-replication, randomized complete block design. Hybrid performance is reported as the adjusted mean averaged together from four replicated plots.

Variety trials were conducted on farmers' fields and Michigan State University AgBio Research Stations. All hybrids in a location were managed uniformly 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, Mason, and Montcalm (dropped 2014), counties were irrigated.

Stand counts were recorded in June. Plots with stand counts higher than the desired population were thinned at that 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 during 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 Harvest Master™ single plot high capacity GrainGage™ System mounted on a Massey Ferguson 8XP plot combine. Grain yield is reported at the 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.

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).

2014 Grain Trial Locations

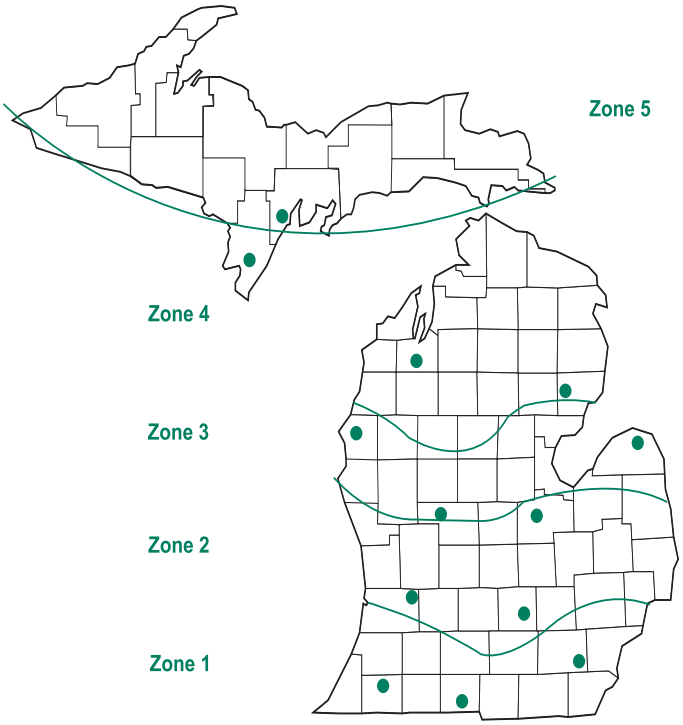

TABLE 1E. BRANCH, CASS & WASHTENAW COUNTY GRAIN TRIALS - EARLY (107 Day and Earlier) ZONE 1

2014				Early - TRIAL AVERAGE					Branch - Early					Cass - Early					Washtenaw - Early				
BRAND / HYBRID	RM	TRT	TRAIT	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd
AGRIGOLD A6408VT3PRIB	107	P500	1,2,3	24.7	206.0	51.8	10.7	100	17.9	231.7	53.3	0.0	100	24.1	209.0	52.4	0.0	100	32.2	177.4	49.8	32.0	100
AGRIGOLD A6416STXRIB	107	P500	1,2,3,4,6	25.6	212.7	53.1	5.3	100	20.3	251.8	54.2	0.0	99	24.8	201.7	53.0	0.0	99	31.6	184.5	51.9	15.8	100
BECK 5131AM™*	105	ESC	1,2,4	23.8	204.4	54.2	3.4	100	20.2	215.7	55.1	0.0	99	23.8	200.6	54.3	0.0	100	27.4	196.7	53.3	10.1	100
BECK 5140HR™*	105	ESC	1,2,4	24.5	216.1	54.2	3.1	98	19.4	231.4	55.6	0.0	94	23.8	216.2	55.2	0.0	100	30.4	200.7	51.7	9.3	100
CHANNEL 202-32STXRIB	104	PV500	1,2,3,4,6	24.0	219.4	52.3	3.0	99	19.3	234.2	53.8	0.0	96	23.1	218.6 *	52.9	0.0	100	29.6	205.4 *	50.4	9.0	100
CHANNEL 202-64STXRIB	102	PV500	1,2,3,4,6	21.4	204.7	55.5	3.7	99	16.8	222.4	56.3	0.0	98	20.5	203.6	55.0	0.0	99	26.8	188.2	55.2	11.0	100
DAIRYLAND SEED DS-6805	105	C250	1	21.6	203.3	52.9	7.6	99	18.0	229.9	54.3	0.0	100	19.7	204.6	53.5	0.0	100	27.0	175.4	50.9	22.8	98
DAIRYLAND SEED DS-6905	105	C250	1	26.6	190.5	51.6	2.2	98	21.3	215.6	51.9	0.0	100	25.7	185.1	53.8	0.0	94	32.7	170.8	49.1	6.7	100
DAIRYLAND SEED DS-9305RA	105	C250	1,2,3,4,6	24.6	204.0	52.9	3.3	100	19.1	212.9	53.6	0.6	100	23.7	198.2	53.8	0.0	99	31.0	200.9	51.3	9.3	100
DAIRYLAND SEED DS-9307SSX	107	C250	1,2,3,4,6	22.7	211.1	54.3	5.1	95	18.8	236.9	55.6	0.7	94	20.7	203.3	54.4	0.0	92	28.6	193.1	52.9	14.6	99
DAIRYLAND SEED Hi DF-3702-9	104	C250	1,2,3,4	22.6	188.7	51.1	9.0	98	17.4	176.6	51.7	2.8	96	21.7	204.9	52.2	0.0	97	28.6	184.4	49.6	24.2	100
DEKALB DKC52-84 GENSSRIB	102	P500	1,2,3,4,6	19.7	216.2	53.7	0.9	100	16.9	232.5	54.5	0.0	100	19.1	209.1	53.7	0.0	100	23.2	207.1 *	53.0	2.8	100
DEKALB DKC53-56 GENSSRIB	103	P500	1,2,3,4,6	22.2	215.7	55.0	0.2	98	18.4	234.4	56.4	0.0	95	20.2	215.1	55.1	0.0	100	28.1	197.8	53.5	0.6	100
DEKALB DKC54-38 GENSSRIB	104	P500	1,2,3,4,6	22.6	206.1	54.4	0.5	100	17.9	207.9	56.0	0.0	100	20.2	205.9	55.3	0.0	100	29.7	204.6 *	52.0	1.4	100
DEKALB DKC55-20 GENSSRIB	105	P500	1,2,3,4,6	21.8	225.2 *	53.9	0.4	99	18.1	260.0 *	55.4	0.0	98	21.6	213.3	53.5	0.0	99	25.9	202.4	52.8	1.1	100
DEKALB DKC57-75 GENSSRIB	107	P500	1,2,3,4,6	24.7	206.7	52.8	1.0	99	18.8	230.2	54.7	0.0	98	24.3	199.6	52.8	0.0	99	31.0	190.4	50.8	3.1	100
DEKALB DKC57-92 GENSSRIB	107	P500	1,2,3,4,6	25.2	193.9	53.8	5.4	100	20.2	226.7	55.8	0.0	99	25.1	175.1	53.5	0.0	100	30.5	179.9	52.1	16.3	99
DYNAGRO D43VC50	103	P500	1,2	19.9	223.5	54.7	2.4	100	16.1	247.5	54.7	0.0	100	18.3	228.9 *	55.9	0.0	100	25.2	194.2	53.5	7.1	100
DYNAGRO D46SS46	106	P500	1,2,3,4,6	24.3	201.6	54.5	2.5	99	20.0	217.1	54.7	0.0	98	23.1	201.0	56.6	0.0	100	29.8	186.7	52.1	7.6	100
GOLDEN HARVEST G05T82-3122	105	C500	1,2,3,4,6	24.8	213.6	54.1	2.0	96	20.8	222.8	55.9	1.7	93	23.1	220.4 *	54.7	0.0	97	30.6	197.8	51.7	4.3	99
GOLDEN HARVEST G07F23-3111	107	C500	1,2,3,4,6	25.7	211.6	52.6	5.9	100	20.0	242.4	54.8	0.0	100	25.9	209.2	52.6	0.0	99	31.3	183.3	50.6	17.7	100
GOLDEN HARVEST G07V88-3000GT	107	C500	1,2,3,4,6	22.9	215.3	52.1	7.8	98	17.4	217.3	54.2	0.0	99	23.9	228.0 *	52.6	0.0	97	27.4	200.6	49.5	23.3	99
GREAT LAKES 5283STXRIB	102	P500	1,2,3,6	22.3	220.9	53.7	2.1	97	18.1	246.7	54.5	0.0	97	20.6	213.9	54.7	0.0	96	28.4	202.2	51.8	6.2	100
GREAT LAKES 5428STXRIB	104	P500	1,2,3,6	22.1	201.1	55.3	0.6	98	19.6	215.6	56.1	0.0	94	20.3	192.0	56.3	0.0	99	26.5	195.8	53.7	1.7	100
GREAT LAKES 5566STX	105	P500	1,2,3,6	23.1	206.8	55.6	1.2	100	19.9	221.5	56.9	0.0	100	21.2	192.6	56.4	0.0	100	28.3	206.4 *	53.7	3.7	100
GREAT LAKES 5688STXRIB	106	P500	1,2,3,6	25.1	199.7	54.1	6.9	97	21.4	216.2	55.1	1.4	92	23.9	198.7	54.9	0.0	100	30.0	184.3	52.4	19.3	99
GREAT LAKES 5755STXRIB	107	P500	1,2,3,6	25.5	223.1	53.0	10.0	99	20.6	263.7 *	54.4	0.0	99	24.6	218.6 *	53.5	0.0	100	31.4	187.1	51.1	30.1	99
HYLAND SEEDS 5597	105	C250	1,2,4,6	25.9	204.7	51.5	2.8	99	22.0	223.7	53.5	0.0	97	24.5	218.2 *	51.6	0.0	99	31.3	172.2	49.5	8.4	100
HYLAND SEEDS 8598RA	106	P250	1,2,3,4,6	28.8	203.5	51.3	0.6	99	22.6	244.6	52.3	0.0	97	27.0	183.5	51.3	0.0	99	36.9	182.5	50.3	1.7	100
KEY 305G	105	ENC	1	23.4	199.2	50.1	13.1	99	18.7	211.5	51.5	0.0	97	21.8	212.8	50.8	0.0	98	29.6	173.3	48.1	39.4	100
M&W SEEDS 45A38	101	C250	1,2,3,4,6	19.8	227.2 *	55.2	1.6	99	17.1	246.8	56.1	0.0	99	19.0	218.8 *	55.4	0.0	99	23.3	216.2 **	54.2	4.8	97
M&W SEEDS 45J99	104	A250	1,2	22.2	208.7	55.5	1.8	96	18.8	219.5	56.6	0.0	94	20.9	208.7	56.2	0.0	95	27.0	197.8	53.8	5.5	98
M&W SEEDS 45M80	102	P500	1,2,3,4,6	22.0	197.4	53.8	1.0	96	17.9	207.0	54.9	0.0	91	21.0	201.4	54.1	0.0	96	27.0	183.8	52.5	3.1	100
M&W SEEDS 47J66	103	A250	1,2	18.1	200.8	55.2	1.8	99	15.9	209.7	55.1	0.0	98	16.7	191.6	56.1	0.0	99	21.8	201.3	54.5	5.3	100
NK Brand N61P-3000GT Brand	107	C500	1,2,3,4	23.8	206.9	51.4	5.3	96	18.5	213.5	53.6	0.9	90	25.4	213.4	51.5	0.0	97	27.6	193.8	49.3	14.9	100
NK Brand N58S-3111	106	C500	1,2,3,4,6	26.1	212.6	52.6	2.9	99	21.5	233.2	53.8	0.0	98	24.1	216.0	52.0	0.0	100	32.6	188.6	52.0	8.8	98
NuTech/G2 GENETICS 5F-805™	105	P500	1,2,4	24.3	207.2	54.0	0.9	94	19.9	227.9	55.9	0.0	93	22.6	211.1	54.2	0.0	94	30.4	182.7	51.9	2.7	96
NuTech/G2 GENETICS 5H-806™	106	P500	1,2,4	23.9	234.3 **	54.6	2.1	95	19.3	274.6 **	56.3	0.0	95	22.4	225.4 *	55.7	0.0	92	30.1	203.0 *	51.8	6.3	98
NuTech/G2 GENETICS 5H-905™	105	P500	1,2,4	21.7	207.4	53.1	1.9	99	17.3	225.4	53.7	0.9	100	20.3	200.7	53.9	0.0	99	27.5	196.1	51.6	4.8	100
NuTech/G2 GENETICS 5Z-707™	107	P1250	1,2,4	24.2	218.0	53.3	0.9	88	20.0	245.6	54.2	0.0	86	21.3	216.2	54.9	0.0	91	31.4	192.2	50.8	2.6	87
PIONEER P0157AM	101	P1250	1,2,3,4,6	20.9	209.5	55.3	3.3	98	17.9	222.5	55.1	0.0	99	20.2	209.4	56.5	0.0	97	24.5	196.7	54.4	10.0	99
PIONEER P0216AM	102	P1250	1,2,3,4,6	21.2	219.0	54.7	1.5	97	17.3	256.1 *	55.6	0.0	98	20.4	205.8	56.6	0.0	96	26.0	195.2	51.8	4.6	98
PIONEER P0419AMX	104	C250	1,2,3,4,6	23.8	214.8	56.0	0.1	98	21.1	250.8	56.8	0.0	98	22.4	199.0	56.3	0.0	99	27.8	194.5	55.0	0.3	97
PIONEER P0506AM	105	P1250	1,2,3,4,6	24.0	226.8 *	54.5	2.3	99	19.3	252.6	55.5	0.0	98	22.0	232.2 *	55.7	0.0	100	30.8	195.5	52.3	7.0	100
PIONEER P0604AM	106	P1250	1,2,3,4,6	21.8	207.8	55.5	3.4	100	18.7	213.5	56.6	3.1	99	20.1	214.1	56.1	0.0	99	26.6	195.9	53.9	7.0	100

RENK RK699SSTX	105	P500	1,2,3,4,6	24.1	207.0	53.6	1.1	97	20.4	217.5	54.6	0.0	96	22.3	207.0	53.8	0.0	95	29.7	196.5	52.4	3.4	99
RENK RK712SSTX	106	P500	1,2,3,4,6	24.9	197.2	54.2	2.4	100	19.5	231.8	54.9	0.0	100	24.3	190.6	55.0	2.8	99	31.0	169.1	52.9	4.5	100
RENK RK752SSTX	105	P500	1,2,3,4,6	25.4	210.2	54.4	7.2	98	19.5	233.4	55.9	0.0	97	26.0	193.3	54.1	0.0	97	30.7	203.9 *	53.2	21.6	100
RENK RK776SSTX	107	P500	1,2,3,4,6	26.0	216.4	54.0	1.9	99	21.3	254.2	55.1	0.0	99	25.6	200.5	54.4	0.0	98	31.0	194.7	52.4	5.6	100
RUPP XR8034	105	C250	1,2,3	24.0	205.3	52.6	3.8	100	19.4	230.1	54.3	0.3	100	23.0	197.4	52.9	0.0	99	29.6	188.4	50.5	11.0	100
RUPP XR8239	103	C250	1,2,3	19.7	218.0	54.6	10.5	95	15.7	236.8	55.4	0.0	98	18.9	218.8 *	55.3	0.0	93	24.6	198.4	53.0	31.4	95
RUPP XRD05-04	105	P250	1,2	22.4	216.1	54.3	13.4	100	17.7	242.2	55.5	0.9	100	20.8	210.5	54.4	0.0	100	28.7	195.6	53.0	39.4	100
RUPP XRJ03-31	103	C250	1,2,3,4,6	21.7	198.7	54.0	1.9	99	17.8	215.8	55.5	0.0	100	21.3	195.2	54.1	0.0	96	26.2	185.1	52.4	5.6	100
RUPP XRJ07-20	107	P250	1,2,3,4,6	24.7	208.9	54.2	8.7	99	19.8	234.3	55.6	1.8	97	24.3	202.2	54.6	0.0	99	30.2	190.2	52.5	24.3	100
SEED CONSULTANTS SCS 10HQ34™	103	C250	1,2,3,4	24.1	207.9	54.2	1.3	100	20.2	232.7	55.4	0.0	100	23.0	205.4	54.8	0.0	100	29.1	185.6	52.3	3.9	100
SEED CONSULTANTS SCS 10HR43™	104	P1250	1,2,4	24.5	232.3 *	54.0	3.4	99	19.6	261.5 *	55.3	0.0	97	22.5	233.8 **	54.8	0.0	100	31.4	201.6	51.9	10.2	99
SELECT 3829 VP RIB	103	P250		21.9	213.3	55.0	1.7	99	18.4	234.4	55.9	0.0	99	21.7	204.6	55.1	0.0	97	25.6	200.8	54.1	5.0	100
SELECT 4746 DP RIB	107	P250		25.2	222.4	53.9	1.8	99	19.4	248.4	55.7	0.0	99	24.5	220.5 *	54.3	0.0	99	31.8	198.2	51.8	5.4	100
SPECIALTY 32A323	102	P500	1,2,3,4,6	20.4	211.4	54.2	1.1	99	17.0	231.5	55.3	0.0	97	19.9	207.9	54.2	0.0	100	24.2	194.8	53.1	3.4	100
SPECIALTY 34A413	104	P500	1,2,3,4,6	22.2	210.2	54.7	3.0	100	17.8	227.5	55.7	0.0	100	21.6	205.9	55.1	0.0	100	27.2	197.2	53.5	9.0	100
SPECIALTY 36A794	106	P500	1,2,3,4,6	23.3	219.3	53.2	0.8	97	20.0	247.5	54.1	0.0	93	21.2	215.6	54.0	0.0	99	28.7	194.6	51.5	2.3	99
STEYER 10102 VT2PRORIBC	101	C250	1,2,14	19.7	217.1	54.5	2.9	99	16.9	236.2	55.1	0.0	99	18.5	208.5	54.7	0.0	97	23.8	206.5 *	53.8	8.7	100
UNITY SEEDS 7505 3122	105	C250	1,2,3,4	24.4	204.2	53.7	2.3	97	19.8	224.3	55.5	0.0	95	23.7	204.5	54.6	0.0	97	29.8	183.9	51.1	6.8	99
WELLMAN W2307DP	107	ENC	1,2	25.8	218.4	53.1	4.9	99	21.2	244.1	54.6	1.7	97	24.6	211.8	53.3	0.0	99	31.6	199.2	51.3	12.9	100
WELLMAN W2401DP	101	ENC	1,2	19.7	211.0	54.6	1.5	98	16.0	230.1	55.7	0.0	95	18.0	203.2	55.9	0.0	100	25.2	199.8	52.3	4.5	99
WELLMAN W2404DP	104	ENC	1,2	21.9	206.1	55.3	1.8	99	18.6	218.1	56.8	0.0	99	21.0	200.6	55.7	0.0	100	26.0	199.5	53.3	5.3	97
AVERAGE				23.3	210.6	53.8	3.5	98	19.0	231.4	55.0	0.3	97	22.2	207.3	54.3	0.0	98	28.6	193.1	52.1	10.2	99
HIGHEST				28.8	234.3	56.0	13.4	100	22.6	274.6	56.9	3.1	100	27.0	233.8	56.6	2.8	100	36.9	216.2	55.2	39.4	100
LOWEST				18.1	188.7	50.1	0.1	88	15.7	176.6	51.5	0.0	86	16.7	175.1	50.8	0.0	91	21.8	169.1	48.1	0.3	87
CV (%)				6.2	6.6	2.0	182.1	3.0	5.3	6.9	1.8	516.5	5.0	4.9	6.6	2.1	1625.0	3.0	7.0	6.0	2.1	107.2	2.0
LSD (5%)				1.0	9.4	0.7	4.3	2.0	1.2	18.7	1.2	1.5	5.0	1.3	15.9	1.3	0.8	4.0	2.4	13.4	1.3	12.8	2.0

-2 Year Averages Continued On Page 14.

TABLE 1L. BRANCH, CASS & WASHTENAW COUNTY GRAIN TRIALS - LATE (108 Day and Later) ZONE 1

2014				Late - TRIAL AVERAGE					Branch - Late					Cass - Late					Washtenaw - Late				
BRAND / HYBRID	RM	TRT	TRAIT	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd
AGRIGOLD A6472VT3PRIB	110	P500	1,2,3	25.6	208.7	54.3	1.4	100	22.1	217.9	54.7	0.0	99	23.8	217.2 *	55.9	0.0	100	30.7	191.1	52.5	4.2	100
AGRIGOLD A6499STXRIB	112	P500	1,2,3,4,6	34.4	187.0	52.6	1.7	99	28.5	203.1	53.3	0.0	99	33.4	184.3	53.2	0.0	98	41.2	173.5	51.3	5.1	100
BECK 5475AM™*	108	ESC	1,2,4	24.3	218.8 *	54.6	0.8	98	22.0	245.6 *	55.5	0.0	100	22.9	217.7 *	55.6	0.0	99	28.0	193.2	52.7	2.3	97
BECK 5828AM™*	110	ESC	1,2,4	28.0	199.6	51.9	4.5	100	23.3	224.5	52.6	0.6	100	26.0	194.1	53.5	0.0	100	34.8	180.1	49.8	12.9	100
BECK 5852D2™*	108	ESC		26.9	208.6	51.6	5.3	98	23.1	245.4 *	53.3	0.0	100	24.3	196.3	51.9	0.0	97	33.4	184.0	49.7	15.9	99
BECK XL 4721AM™*	109	ESC	1,2,4	29.7	201.4	53.5	1.0	98	24.1	229.0	54.5	0.0	96	27.0	194.2	54.7	0.0	99	38.0	181.2	51.4	3.1	99
DAIRYLAND SEED DS-6409	109	C250	1	25.9	208.8	52.5	12.0	98	22.9	241.2 *	53.9	0.0	94	24.4	193.6	53.4	0.0	100	30.3	191.6	50.2	36.0	100
DEKALB DKC60-67 GENSSRIB	110	P500	1,2,3,4,6	26.0	214.1 *	54.1	1.9	100	21.4	246.5 *	55.5	0.6	100	23.5	204.8	55.2	0.0	100	33.0	191.1	51.5	5.1	100
DEKALB DKC62-08 GENSSRIB	112	P500	1,2,3,4,6	32.4	203.6	51.6	0.2	100	27.1	228.0	52.6	0.0	100	31.2	203.9	53.0	0.0	100	39.1	179.0	49.2	0.6	100
DEKALB DKC62-77 GENSSRIB	112	P500	1,2,3,4,6	29.2	205.2	52.2	6.1	99	23.8	243.8 *	53.4	0.0	99	25.6	204.7	53.5	0.0	100	38.3	167.3	49.8	18.4	99
DYNAGRO D48SS38	108	P500	1,2,3,4,6	27.6	205.7	53.4	1.9	98	24.1	242.8 *	54.9	0.0	95	24.4	199.4	54.5	0.0	100	34.5	175.1	51.0	5.6	100
DYNAGRO D50SS43	110	P500	1,2,3,4,6	30.0	208.4	51.7	2.2	100	26.0	237.6 *	52.8	0.0	100	27.4	211.6 *	52.5	0.0	100	36.6	176.0	49.8	6.7	100
GOLDEN HARVEST G09E98-3000GT	109	C500	1,2,3,4	28.1	197.8	53.0	6.1	97	23.3	207.5	54.8	0.6	96	25.8	195.4	53.7	0.0	98	35.3	190.4	50.4	17.8	97
GOLDEN HARVEST G12J11-3011A	112	C500	1,2,3,4,A	29.9	196.6	52.1	5.5	99	23.7	225.0	54.2	0.0	99	29.1	187.4	52.4	0.0	98	36.9	177.4	49.7	16.6	100
GREAT LAKES 5918STX	109	P500	1,2,3,6	27.2	208.6	53.5	2.6	98	23.1	223.9	54.6	0.0	99	24.4	215.3 *	55.3	0.0	98	34.0	186.7	50.6	7.7	98
GREAT LAKES 6068STXRIB	110	P500	1,2,3,6	29.3	201.8	51.8	1.7	97	25.8	231.2	53.1	0.0	96	27.8	194.8	52.1	0.0	97	34.4	179.3	50.3	5.2	98
HYLAND SEEDS 4687	110	C250	1,2,3,4	28.0	199.9	50.2	0.8	98	22.3	221.8	51.6	0.0	96	27.8	200.4	51.3	0.0	97	33.9	177.5	47.8	2.5	100
HYLAND SEEDS 8680	110	C250	1,2,3,4,6	26.4	213.4 *	53.2	5.9	98	21.4	227.2	55.4	0.0	98	24.8	224.7 *	53.6	0.0	97	33.0	188.3	50.6	17.7	100
HYLAND SEEDS 8695RA	110	P250	1,2,3,4,6	27.1	206.2	50.4	4.8	99	23.7	234.5	51.1	0.9	98	25.7	202.2	51.2	0.0	99	31.9	182.1	49.0	13.5	100
KEY 509G	109	ENC	1	26.5	198.7	53.3	1.5	97	22.5	221.3	53.9	0.0	93	24.4	186.1	54.1	0.0	100	32.5	188.6	51.8	4.5	98
LEGACY SEEDS L-6913 GENSS RIB	108	P500	1,2,3,4,6	25.9	205.9	53.4	0.9	99	24.3	221.4	54.2	0.0	98	24.5	202.1	54.3	0.0	100	28.9	194.3	51.6	2.8	100
LEGACY SEEDS L-6943 GENSS RIB	109	P500	1,2,3,4,6	26.5	206.5	52.9	2.0	100	21.5	233.6	55.0	0.6	100	26.1	212.7 *	54.0	0.0	100	31.9	173.3	49.8	5.4	100
M&W SEEDS 44D82	108	P500	1,2,3,4,6	26.8	209.0	53.4	1.8	100	23.3	231.9	54.9	0.0	100	25.6	211.5 *	53.9	0.0	99	31.6	183.5	51.5	5.4	99
MYCOGEN 2V709	110	C250	1,2,3,4,6	28.1	201.5	52.1	3.4	100	23.6	235.0 *	53.1	0.9	100	27.2	195.8	52.6	0.0	99	33.6	173.7	50.7	9.3	100
MYCOGEN X12546S2	108	C250	1,2,3,4,6	28.1	207.6	51.3	0.3	97	23.5	230.7	51.9	0.0	94	25.7	198.9	51.7	0.0	97	35.0	193.1	50.2	0.9	98
NK Brand N63R-3000GT Brand	109	C500	1,2,3,4	27.6	219.6 *	53.6	4.9	99	23.0	247.6 *	55.3	0.9	99	26.5	203.4	54.0	0.0	100	33.1	207.9 **	51.4	13.8	98
NK Brand N70J-3011A	112	C500	1,2,3,4,A	29.2	200.4	52.0	9.5	97	23.4	216.5	53.7	0.0	100	28.6	211.5 *	52.9	0.0	92	35.5	173.4	49.5	28.4	100
NuTech/G2 GENETICS 5D-109™	109	P500	1,2,3,4	28.8	202.6	54.9	2.5	97	24.8	206.0	55.6	1.2	95	28.1	212.5 *	54.5	0.0	97	33.6	189.4	54.7	6.2	100
NuTech/G2 GENETICS 5F-008™	108	P500	1,2,4	25.4	203.1	55.3	1.1	94	22.0	224.9	56.3	0.0	90	24.1	186.6	55.6	0.0	92	30.2	197.9 *	54.0	3.4	99
NuTech/G2 GENETICS 5F-709™	109	P500	1,2,4	27.3	207.5	52.2	9.7	95	24.2	242.6 *	53.3	0.0	88	25.7	186.3	52.9	0.0	97	32.1	193.6	50.3	29.0	99
NuTech/G2 GENETICS 5Z-0801™	108	P1250	1,2,4	27.5	210.6	51.9	1.1	96	22.7	247.0 *	53.6	0.0	89	25.7	188.7	53.0	0.0	99	34.0	196.2 *	49.1	3.2	99
NuTech/G2 GENETICS 5Z-0906™	109	P1250	1,2,4	25.1	220.2 *	52.9	4.3	100	21.8	248.7 *	53.4	0.3	100	22.9	229.3 **	54.5	0.0	99	30.7	182.8	50.8	12.6	100
PIONEER P0909AM	109	P1250	1,2,3,4,6	28.4	204.5	51.4	2.7	94	24.4	229.4	52.2	4.0	85	25.4	194.8	52.1	0.0	100	35.4	189.4	50.0	4.2	97
RENK RK791SSTX	109	P500	1,2,3,4,6	26.1	209.3	52.5	4.9	96	21.6	217.8	52.8	0.0	97	22.6	213.1 *	53.5	0.0	96	34.1	197.0 *	51.2	14.6	95
RENK RK834SSTX	110	P500	1,2,3,4,6	31.4	207.3	52.4	1.9	98	28.1	235.1 *	53.4	0.0	96	29.3	197.8	52.9	0.0	99	36.8	189.0	50.8	5.6	100
RUPP XRD11-13	111	P250	1,2	26.5	199.0	54.0	1.4	95	22.9	214.2	55.1	0.0	91	26.1	194.3	55.1	0.0	94	30.7	188.6	51.8	4.2	100
RUPP XRJ10-91	110	C250	1,2,3,4,6	27.6	194.1	52.8	0.8	99	23.3	216.7	54.1	0.0	100	26.0	194.5	53.9	0.0	99	33.4	171.2	50.5	2.3	98
SEED CONSULTANTS SCS 1074AMX-R™	108	C250	1,2,3	28.6	209.7	54.7	5.3	100	24.9	223.9	56.0	2.9	99	26.6	218.2 *	55.3	0.0	100	34.5	187.1	52.7	13.0	100
SEED CONSULTANTS SCS 1094AM-R™	109	C250	1,2	27.1	220.6 **	51.9	8.1	98	23.0	252.2 **	52.7	0.0	96	27.0	204.9	52.7	0.0	99	31.4	204.8 *	50.4	24.4	100
SELECT 4823 SM RIB	108	P500		27.0	187.3	53.4	2.5	99	23.8	208.0	54.7	0.0	99	25.3	183.0	54.3	0.0	99	32.0	171.1	51.3	7.6	100
SELECT 4995 SM RIB	110	P500		29.7	200.8	52.3	1.5	97	24.9	226.7	53.7	0.0	93	28.3	190.7	52.6	0.0	99	36.0	185.1	50.6	4.5	100
SELECT 5186 SM RIB	111	P500		31.6	206.9	52.1	1.5	99	26.6	218.9	53.0	0.0	99	29.7	216.4 *	52.7	0.0	99	38.5	185.5	50.6	4.5	100
SPECIALTY 38A573	108	P500	1,2,3,4,6	26.8	212.4 *	52.4	1.9	100	22.7	243.4 *	53.2	0.0	100	23.4	201.3	53.0	0.0	100	34.2	192.6	50.9	5.6	100
STEYER 11004 VT2PRORIBC	110	C250	1,2,14	26.5	207.3	52.6	2.2	99	23.0	227.0	54.5	0.0	100	25.5	203.2	53.6	0.0	99	31.0	191.7	49.6	6.7	97
UNITY SEEDS 5512 SS-RIB	112	P500		34.5	203.4	52.5	0.2	99	31.4	219.2	53.8	0.0	98	32.0	208.8	53.4	0.0	98	40.0	182.3	50.4	0.6	100

UNITY SEEDS 5608 SS-RIB	108	P500		26.8	184.9	53.8	2.6	100	23.4	202.0	54.5	0.0	100	24.8	183.5	55.2	0.0	99	32.2	169.4	51.7	7.9	100
UNITY SEEDS 7811 3000GT	111	C250	1	27.1	204.7	50.6	3.3	100	22.2	228.5	51.4	0.6	100	26.2	201.9	51.3	0.0	100	32.9	183.8	49.2	9.3	100
WELLMAN W2409S	109	ENC	1,2,3,4	26.4	209.0	53.4	1.3	97	22.5	222.3	54.4	0.0	96	23.7	218.0 *	54.4	0.0	96	32.9	186.7	51.4	3.9	100
AVERAGE				27.9	205.2	52.7	3.2	98	23.8	228.5	53.9	0.3	97	26.2	201.9	53.5	0.0	98	33.9	185.2	50.7	9.2	99
HIGHEST				34.5	220.6	55.3	12.0	100	31.4	252.2	56.3	4.0	100	33.4	229.3	55.9	0.0	100	41.2	207.9	54.7	36.0	100
LOWEST				24.3	184.9	50.2	0.2	94	21.4	202.0	51.1	0.0	85	22.6	183.0	51.2	0.0	92	28.0	167.3	47.8	0.6	95
CV (%)				5.8	6.9	1.9	197.9	4.0	5.0	6.5	1.5	338.2	6.0	5.9	8.1	2.2	0.0	4.0	6.0	5.7	2.1	117.3	2.0
LSD (5%)				1.1	9.5	0.7	4.2	3.0	1.4	17.3	0.9	1.1	7.0	1.8	19.0	1.4	0.0	5.0	2.4	12.4	1.3	12.6	2.0

2 Year Averages 2014 - 2013				Late - TRIAL AVERAGE					Branch - Late					Cass - Late					Washtenaw - Late				
BRAND / HYBRID	RM	TRT	TRAIT	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd
BECK 5475AM™*	108	ESC	1,2,4	22.8	223.0 *	57.1	0.4	99	21.8	245.9 *	57.1	0.1	100	21.0	240.0 **	59.0	0.0	98	25.5	183.1	55.2	1.2	98
BECK 5828AM™*	110	ESC	1,2,4	25.7	207.3	54.1	2.2	100	24.1	226.0	53.6	0.3	99	23.5	217.1	55.7	0.0	100	29.4	178.7	52.8	6.5	100
DEKALB DKC60-67 GENSSRIB	110	P500	1,2,3,4,6	23.6	225.7 **	56.6	0.9	99	22.0	246.6 **	56.9	0.3	98	21.3	236.9 *	58.5	0.0	99	27.4	193.5 *	54.6	2.5	100
DEKALB DKC62-08 GENSSRIB	112	P500	1,2,3,4,6	28.1	214.7	54.6	0.1	98	25.9	238.0 *	54.8	0.1	99	26.5	220.1	56.3	0.0	97	32.0	186.0	52.8	0.3	98
GOLDEN HARVEST G09E98-3000GT	109	C500	1,2,3,4	25.0	217.3	55.7	3.2	98	23.3	223.5	56.2	0.3	98	22.8	228.6 *	56.9	0.0	98	28.8	199.8 *	54.0	9.4	99
HYLAND SEEDS 4687	110	C250	1,2,3,4	25.5	212.0	53.0	0.4	98	23.0	227.3	53.2	0.0	97	24.2	222.3	54.9	0.0	96	29.4	186.4	51.0	1.3	100
HYLAND SEEDS 8695RA	110	P250	1,2,3,4,6	25.8	219.8 *	53.0	2.5	99	24.8	238.8 *	53.6	0.7	99	24.4	223.4	53.9	0.0	99	28.3	197.3 *	51.5	6.7	100
MYCOGEN 2V709	110	C250	1,2,3,4,6	25.2	215.3	54.9	1.9	100	23.1	236.3 *	55.1	0.7	100	24.3	216.7	55.9	0.0	100	28.3	192.9 *	53.5	5.1	100
NuTech/G2 GENETICS 5F-008™	108	P500	1,2,4	23.3	219.8 *	57.0	0.6	96	22.4	234.7	57.4	0.0	95	21.4	221.0	57.7	0.0	95	26.1	203.7 *	56.0	1.7	99
RENK RK791SSTX	109	P500	1,2,3,4,6	23.2	220.7 *	55.1	2.6	97	21.2	235.3	55.0	0.6	98	20.6	228.2 *	56.6	0.0	97	27.9	198.6 *	53.8	7.3	98
RUPP XRJ10-91	110	C250	1,2,3,4,6	25.1	214.8	55.1	0.7	98	24.2	233.9	55.0	0.9	99	23.0	220.4	56.8	0.0	98	28.1	190.2 *	53.4	1.2	97
SPECIALTY 38A573	108	P500	1,2,3,4,6	23.9	221.1 *	54.7	1.0	98	22.5	236.0 *	54.8	0.2	97	21.8	221.9	55.6	0.0	98	27.5	205.3 **	53.5	2.8	99
WELLMAN W2409S	109	ENC	1,2,3,4	24.2	224.6 *	55.3	0.7	96	23.1	230.9	55.5	0.0	96	21.5	239.0 *	56.5	0.0	94	27.9	203.8 *	53.9	2.0	100
AVERAGE				24.7	218.2	55.1	1.3	98	23.2	234.9	55.3	0.3	98	22.8	225.8	56.5	0.0	98	28.2	193.8	53.5	3.7	99
HIGHEST				28.1	225.7	57.1	3.2	100	25.9	246.6	57.4	0.9	100	26.5	240.0	59.0	0.0	100	32.0	205.3	56.0	9.4	100
LOWEST				22.8	207.3	53.0	0.1	96	21.2	223.5	53.2	0.0	95	20.6	216.7	53.9	0.0	94	25.5	178.7	51.0	0.3	97
CV (%)				5.2	6.6	1.8	2601.0	4.0	4.5	5.9	1.4	409.9	5.0	5.2	7.3	2.1	0.0	4.0	5.1	9.7	1.9	105.5	2.0
LSD (5%)				0.7	7.4	0.5	2.6	2.0	0.9	11.2	0.6	1.0	4.0	1.1	12.8	0.9	0.0	3.0	1.3	15.1	0.8	6.3	2.0

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

TABLE 2E. ALLEGAN, INGHAM & SAGINAW COUNTY GRAIN TRIALS - EARLY (101 Day and Earlier) ZONE 2

2014				Early - TRIAL AVERAGE					Allegan - Early					Ingham - Early					Saginaw - Early				
BRAND / HYBRID	RM	TRT	TRAIT	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd
AGRIGOLD A6252STXRIB	100	P500	1,2,3,4,6	24.2	202.5	52.6	1.3	100	23.1	210.5	52.6	3.1	100	21.1	223.8	54.9	0.9	100	28.6	173.1	50.4	0.0	100
AGRIGOLD A6257STXRIB	100	P500	1,2,3,4,6	25.2	201.3	51.2	0.3	99	24.7	209.2	51.0	0.0	100	22.3	227.4	54.3	0.9	98	28.7	167.3	48.3	0.0	100
BECK XL 4321AM™*	99	ESC	1,2,4	22.4	164.9	50.5	0.0	99	20.9	169.9	51.5	0.0	99	17.6	157.9	50.7	0.0	99	28.8	166.9	49.3	0.0	98
BECK XL 4721AM™*	97	ESC	1,2,4	21.7	202.6	51.7	0.0	98	19.2	205.2	51.5	0.0	100	19.5	229.9	54.2	0.0	94	26.4	172.7	49.5	0.0	98
CHANNEL 197-68STXRIB	97	PV500	1,2,3,4,6	25.2	210.8 *	52.4	0.0	100	24.5	213.4	53.0	0.0	100	22.5	245.3 **	55.0	0.0	100	28.7	173.6	49.3	0.0	100
CROPLAN 3399SS/RIB	93			24.3	195.0	53.3	0.0	100	23.4	200.8	53.5	0.0	100	21.5	221.5	56.0	0.0	100	28.1	162.9	50.5	0.0	100
CROPLAN 3499VT3P	94			23.9	200.4	53.6	0.0	100	21.9	207.3	54.1	0.0	100	21.0	227.4	55.8	0.0	100	28.7	166.6	50.8	0.0	100
CROPLAN 3533VP2PRIB	97			23.5	183.4	52.6	0.9	100	22.2	194.0	53.2	0.3	100	20.2	207.5	55.2	2.5	100	28.0	148.6	49.4	0.0	100
CROPLAN 3611SS/RIB	96			22.8	207.3	53.4	1.2	100	21.3	209.3	53.9	0.0	100	19.3	236.1 *	56.1	3.7	99	27.7	176.6	50.1	0.0	100
CROPLAN 3899VT2P	96			24.6	208.6 *	52.4	0.0	99	23.8	211.3	52.9	0.0	99	21.9	236.3 *	55.1	0.0	100	28.1	178.3	49.2	0.0	99
CROPLAN 4099SS/RIB	99			25.0	208.1 *	51.9	0.1	100	23.7	211.7	52.6	0.3	100	23.2	236.4 *	54.1	0.0	100	28.1	176.3	49.1	0.0	100
DAIRYLAND SEED DS-9900SSX	100	C250	1,2,3,4,6	25.4	194.1	49.6	0.9	100	24.2	204.7	50.0	0.0	100	23.5	208.5	51.1	2.8	100	28.6	169.2	47.7	0.0	100
DEKALB DKC45-65 GENSSRIB	95	P500	1,2,3,4,6	23.7	205.9	52.8	0.6	99	22.1	216.0	53.0	0.3	100	20.9	227.4	54.7	1.5	98	28.0	174.2	50.7	0.0	100
DEKALB DKC46-20 GENVT3PRIB	96	P500	1,2,3	22.8	214.0 *	55.1	0.5	100	20.1	223.8 *	56.4	0.0	100	20.4	242.6 *	56.9	1.4	100	27.9	175.5	52.0	0.0	100
DEKALB DKC46-36 GENSSRIB	96	P500	1,2,3,4,6	24.0	202.3	54.1	0.3	99	21.7	211.9	56.2	0.0	100	21.4	227.7	54.8	0.9	100	28.9	167.2	51.5	0.0	98
DEKALB DKC47-35 GENSSRIB	97	P500	1,2,3,4,6	25.3	202.5	52.2	0.0	100	24.4	194.7	51.5	0.0	100	22.7	235.5 *	54.5	0.0	100	28.8	177.5	50.5	0.0	99
DEKALB DKC48-12 GENSSRIB	98	P500	1,2,3,4,6	23.3	197.1	51.3	0.6	98	21.4	200.2	51.7	0.6	98	20.3	228.7	53.8	1.2	96	28.2	162.5	48.4	0.0	100
DEKALB DKC49-72 GENSSRIB	99	P500	1,2,3,4,6	23.5	211.7 *	52.0	0.0	100	22.0	222.0 *	52.0	0.0	100	20.4	238.5 *	54.4	0.0	99	28.2	174.7	49.6	0.0	100
DEKALB DKC50-84 GENVT2PRIB	100	P500	1,2	24.9	197.9	52.8	0.1	99	23.5	198.2	52.7	0.0	100	22.5	226.6	55.2	0.3	96	28.8	168.9	50.4	0.0	100
DYNAGRO D29VC30	89	P500	1,2	20.6	194.0	53.7	0.6	100	17.8	193.8	54.4	0.0	99	18.1	223.5	56.6	1.7	100	26.0	164.6	50.0	0.0	100
DYNAGRO D37SS60	97	P500	1,2,3,4,6	22.9	211.8 *	53.9	1.0	100	21.2	225.9 *	54.2	0.0	100	19.3	240.1 *	56.4	2.9	99	28.2	169.3	51.0	0.0	100
DYNAGRO D39VP14	99	P500	1,2,3	24.4	204.0	53.6	0.5	100	23.5	207.7	54.0	0.0	98	21.2	237.7 *	55.7	1.4	102	28.5	166.6	51.1	0.0	100
DYNAGRO D40SS48	100	P500	1,2,3,4,6	28.1	205.3	53.9	0.4	100	28.8	203.0	53.5	0.0	100	25.7	232.1	55.5	1.2	99	29.7	180.7	52.8	0.0	100
GOLDEN HARVEST G01P52-3011A	101	C500	1,2,3,4,A	24.5	208.7 *	53.9	0.9	100	24.1	225.2 *	53.7	0.0	100	20.8	234.8 *	56.6	2.6	99	28.7	166.2	51.4	0.0	100
GOLDEN HARVEST G96A69-3220	96	C500	1,2,4,6	24.8	192.9	51.7	1.3	100	22.7	196.8	52.2	0.0	100	22.0	214.8	54.5	4.0	99	29.7	167.1	48.4	0.0	100
GOLDEN HARVEST G99Z33-3111A	99	C500	1,2,3,4,6,A	24.9	203.6	52.4	1.4	97	22.8	215.0	52.0	0.0	94	23.1	223.3	55.5	4.3	96	28.8	172.5	49.7	0.0	100
GOLDEN HARVEST SI4282-3110	100	C500	1,2,4,6	24.1	200.9	54.3	1.4	99	22.3	203.8	54.0	0.0	99	21.8	224.8	56.2	1.2	99	28.2	174.0	52.6	3.1	100
GREAT LAKES 4879STXRIB	98	P500	1,2,3,6	24.6	204.4	51.3	0.0	99	23.0	212.7	51.9	0.0	99	22.8	230.8	53.8	0.0	98	28.0	169.7	48.3	0.0	99
GREAT LAKES 5015STXRIB	100	P500	1,2,3,6	24.7	199.0	52.0	0.1	100	24.2	209.5	52.1	0.0	100	21.5	228.9	54.6	0.3	100	28.3	158.6	49.5	0.0	100
HYLAND SEEDS 4425	98	C250	1,2,3,4	23.8	208.4 *	52.8	1.3	97	22.3	205.9	53.0	0.0	98	21.1	231.8	54.2	4.0	95	28.0	187.4	51.3	0.0	99
HYLAND SEEDS 5510	101	C250	1,2,4,6	25.8	214.7 **	52.4	0.9	100	24.5	213.8	51.6	0.6	100	24.1	226.1	53.8	2.2	100	28.8	204.2 **	51.8	0.0	100
HYLAND SEEDS 8445RA	99	C250	1,2,3,4,6	25.0	198.7	49.8	0.7	100	24.2	209.5	51.0	0.0	99	22.7	213.3	51.1	2.0	100	28.0	173.2	47.3	0.0	100
HYLAND SEEDS 8450RA	100	P250	1,2,3,4,6	28.5	189.3	51.5	0.2	100	28.2	203.7	51.9	0.0	100	27.1	202.7	53.7	0.6	100	30.3	161.5	49.0	0.0	100
HYLAND SEEDS 8505RA	101	P250	1,2,3,4,6	26.0	207.1	52.0	0.0	99	25.5	216.5	51.7	0.0	100	22.7	221.5	53.3	0.0	97	29.7	183.2	51.0	0.0	100
LEGACY SEEDS L-3612 VT3P	96	P250	1,2,3	23.5	201.7	51.4	0.3	100	21.0	211.8	52.5	0.0	100	20.3	226.5	53.5	0.9	99	29.1	166.8	48.1	0.0	100
LEGACY SEEDS L-3813 GENSS RIB	97	P500	1,2,3,4,6	23.8	194.1	52.2	0.0	99	22.5	199.8	52.9	0.0	100	21.1	223.6	54.8	0.0	100	27.9	158.8	48.9	0.0	98
LEGACY SEEDS L-3844 GENSS	98	P500	1,2,3,4,6	23.4	195.9	53.6	3.3	100	20.7	208.1	54.5	0.0	100	20.3	225.6	56.3	10.0	99	29.2	154.0	49.9	0.0	100
LEGACY SEEDS L-4343 GENSS RIB	101	P500	1,2,3,4,6	24.0	207.4	52.6	0.4	98	21.8	220.3 *	52.6	0.0	99	21.7	235.2 *	55.5	1.2	95	28.6	166.7	49.7	0.0	100
LEGEND 94A01 GTA	101	C250	1	24.3	207.0	53.6	7.2	99	23.0	219.2 *	54.2	0.0	99	21.3	223.1	55.1	21.5	96	28.5	178.7	51.5	0.0	100
LEGEND 40J501 RR	101	C250	1	24.9	211.2 *	52.7	0.2	99	24.3	216.2	53.6	0.0	100	22.3	239.3 *	54.6	0.6	97	28.2	178.1	50.0	0.0	100
M&W SEEDS 45A38	101	C250	1,2,3,4,6	23.9	212.7 *	52.6	0.2	99	21.4	222.9 *	52.8	0.0	98	21.7	245.2 *	55.2	0.6	97	28.6	169.9	49.7	0.0	100
M&W SEEDS 46J11	96	A250	1,2	22.9	191.2	54.3	1.2	99	20.4	200.5	55.1	0.0	100	19.9	210.5	56.6	3.5	99	28.4	162.7	51.2	0.0	97
M&W SEEDS 46T80	96	P500	1,2,3,4,6	23.0	201.3	53.2	0.2	100	21.2	198.6	53.5	0.0	100	19.7	231.9	56.0	0.6	100	28.1	173.4	50.0	0.0	100
M&W SEEDS 47R91	95	A250	1,2	22.3	196.7	56.1	0.0	97	19.8	205.4	57.5	0.0	96	19.0	217.7	58.3	0.0	97	28.0	166.9	52.4	0.0	99
NK Brand N42Z-3111A	99	C500	1,2,3,4,6,A	24.6	200.6	52.8	2.5	96	22.9	208.7	53.1	0.0	98	21.7	219.4	53.9	7.5	89	29.3	173.7	51.4	0.0	100

NK Brand N45P-3011A	101	C500	1,2,3,4,A	23.6	203.9	53.9	0.5	98	22.5	214.7	54.5	0.0	97	20.5	228.7	56.2	1.5	98	27.9	168.3	51.0	0.0	100
NK Brand N37R-3110	97	C500	1,2,4,6	23.9	194.1	53.2	0.9	99	21.8	196.2	53.8	0.3	100	20.9	219.0	55.9	2.3	97	29.0	167.2	49.9	0.0	100
NuTech/G2 GENETICS 5F-198™	98	P500	1,2,4	22.5	195.5	50.7	0.0	100	20.3	218.2	51.7	0.0	100	18.8	211.2	52.9	0.0	99	28.3	157.1	47.6	0.0	100
NuTech/G2 GENETICS 5F-200™	100	P500	1,2,4	24.1	201.7	52.8	1.3	100	22.6	214.4	53.0	0.3	99	21.2	221.9	55.6	3.7	100	28.3	168.9	49.9	0.0	100
NuTech/G2 GENETICS 5F-399™	99	P500	1,2,4	24.1	190.7	52.1	1.5	98	22.5	200.5	55.0	0.0	99	20.3	211.4	53.6	4.6	96	29.6	160.3	47.8	0.0	99
NuTech/G2 GENETICS 5X-698™	98	P500	1,2,3,4	22.3	198.6	54.2	0.6	100	19.3	204.9	54.5	0.0	100	20.2	222.1	56.4	1.7	100	27.5	168.7	51.7	0.0	100
NuTech/G2 GENETICS 5Z-0106™	101	P1250	1,2,4	25.7	207.2	50.8	0.1	97	22.9	216.8	50.5	0.0	97	24.7	231.6	53.1	0.3	94	29.6	173.3	49.0	0.0	99
PIONEER P0157AM	101	P1250	1,2,3,4,6	25.6	212.4 *	54.1	0.0	100	24.4	217.0	54.3	0.0	100	23.5	245.2 *	56.2	0.0	100	28.7	175.1	51.9	0.0	100
PIONEER P9807AM	98	P1250	1,2,3,4,6	23.5	197.6	52.9	0.4	97	21.4	208.6	53.9	0.0	99	21.4	226.2	55.3	1.2	95	27.6	157.9	49.4	0.0	98
RENK RK581SSTX	100	P500	1,2,3,4,6	25.3	188.5	53.3	0.5	96	25.2	197.3	54.1	0.0	98	22.5	213.8	55.0	1.6	95	28.4	154.5	50.7	0.0	96
RENK RK596SSTX	98	P500	1,2,3,4,6	23.7	207.0	53.2	0.0	100	22.3	214.2	53.6	0.0	100	20.1	229.6	55.7	0.0	100	28.6	177.3	50.3	0.0	100
RENK RK605SSTX	100	P500	1,2,3,4,6	24.2	206.2	52.9	0.2	100	22.0	230.0 **	53.4	0.0	100	20.5	226.6	55.5	0.6	99	30.1	161.8	49.8	0.0	100
RUPP XR8414	100	P250	1,2,3,4,6	24.6	205.2	51.9	0.1	100	24.2	217.5	51.3	0.0	100	21.5	226.9	54.0	0.3	100	28.1	171.3	50.5	0.0	100
RUPP XRD97-56	97	C250	1,2,3	23.2	191.0	53.1	0.1	100	21.8	190.3	53.0	0.0	100	20.0	219.0	55.3	0.3	99	27.7	163.5	51.0	0.0	100
RUPP XRD99-30	99	P250	1,2	23.8	202.9	52.6	0.1	100	22.6	205.8	52.8	0.0	100	20.5	231.4	55.5	0.3	99	28.4	171.5	49.6	0.0	100
RUPP XRJ97-17	97	C250	1,2,3,4,6	24.1	194.1	52.9	1.0	99	22.8	209.7	53.4	0.0	98	21.1	217.4	55.4	2.9	99	28.2	155.4	49.9	0.0	99
RUPP XRT94-06	94	P250	1,2,3	24.0	195.3	53.4	0.0	100	22.4	198.7	54.0	0.0	100	20.9	226.6	56.4	0.0	100	28.6	160.5	49.9	0.0	99
SPECIALTY 24A104	94	P500	1,2,3,4,6	23.5	203.4	52.7	0.0	99	22.2	210.0	53.2	0.0	100	20.3	235.1 *	55.5	0.0	99	28.1	165.0	49.4	0.0	99
SPECIALTY 29A263	99	P500	1,2,3,4,6	24.3	200.3	52.7	0.5	100	22.7	204.4	51.2	0.8	100	21.1	235.8 *	55.1	0.6	100	29.1	160.7	51.7	0.0	100
SPECIALTY 42R32GENVT3P	96	P500	1,2,3	22.2	205.4	52.9	0.8	100	19.7	208.2	53.9	0.0	100	19.5	226.6	55.7	2.5	100	27.5	181.3	49.1	0.0	100
STEYER 10102 VT2PRORIBC	101	C250	1,2,14	24.2	211.3 *	53.3	0.9	98	23.3	219.5 *	53.1	0.0	100	21.0	235.8 *	56.0	2.8	93	28.2	178.7	50.7	0.0	100
STEYER 9203 VT2PRORIBC	92	C250	1,2,14	23.3	200.6	53.4	0.0	100	22.0	201.4	53.4	0.0	99	20.1	227.8	55.8	0.0	101	27.8	172.5	51.0	0.0	100
STEYER 9603 VT2PRORIBC	96	C250	1,2,14	22.6	191.9	56.0	0.0	99	20.7	202.4	57.0	0.0	98	20.0	215.5	59.1	0.0	99	27.0	157.9	51.9	0.0	100
UNITY SEEDS 5601 SS-RIB	101	P500		24.5	207.9 *	54.4	0.2	99	23.5	211.8	56.3	0.0	100	21.7	241.7 *	56.1	0.6	100	28.4	170.1	50.8	0.0	98
AVERAGE				24.1	201.2	52.8	0.6	99	22.6	208.4	53.2	0.1	99	21.3	226.0	55.1	1.7	98	28.4	169.3	50.1	0.0	100
HIGHEST				28.5	214.7	56.1	7.2	100	28.8	230.0 **	57.5	3.1	100	27.1	245.3 **	59.1	21.5	102	30.3	204.2 **	52.8	3.1	100
LOWEST				20.6	164.9	49.6	0.0	96	17.8	169.9	50.0	0.0	94	17.6	157.9	50.7	0.0	89	26.0	148.6	47.3	0.0	96
CV (%)				4.4	5.2	2.4	403.7	2.0	5.4	4.7	3.0	850.2	2.0	5.2	4.8	1.4	243.8	3.0	2.8	6.0	2.6	1661.0	1.0
LSD (5%)				0.7	7.0	0.9	1.7	2.0	1.4	11.6	1.9	0.9	2.0	1.3	12.6	0.9	4.9	4.0	0.9	11.9	1.5	0.9	2.0

-2 Year Averages Continued On Page 15.

TABLE 2E - Continued from page 9. BRANCH, CASS & WASHTENAW COUNTY GRAIN TRIALS - EARLY (107 Day and Earlier) ZONE 1

2 Year Averages 2014 - 2013				Early - TRIAL AVERAGE					Branch - Early					Cass - Early					Washtenaw - Early				
BRAND / HYBRID	RM	TRT	TRAIT	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd
AGRIGOLD A6408VT3PRIB	107	P500	1,2,3	22.7	219.8	53.7	5.4	100	19.8	233.6	54.2	0.0	100	21.4	232.8	54.8	0.0	99	27.0	192.9	52.2	16.3	100
BECK 5131AM™*	105	ESC	1,2,4	21.3	221.2	56.3	1.8	99	20.1	227.9	56.1	0.4	100	20.6	223.6	56.9	0.0	98	23.1	212.0	55.8	5.1	100
BECK 5140HR™*	105	ESC	1,2,4	22.3	228.3	56.3	1.5	96	20.5	233.6	56.4	0.0	92	21.2	234.6	57.3	0.0	97	25.2	216.9 *	55.2	4.6	97
CHANNEL 202-32STXRIB	104	PV500	1,2,3,4,6	21.8	227.4	54.6	1.7	99	20.2	234.0	54.9	0.0	98	20.8	234.2	55.2	0.1	99	24.6	214.1	53.7	4.9	100
DAIRYLAND SEED Hi DF-3702-9	104	C250	1,2,3,4	21.3	210.7	54.2	4.6	97	19.1	198.3	54.2	1.7	97	20.0	229.4	54.8	0.0	97	24.8	204.6	53.7	12.1	99
DEKALB DKC53-56 GENSSRIB	103	P500	1,2,3,4,6	21.3	227.4	55.9	0.1	99	20.2	231.7	55.9	0.0	97	19.8	229.5	56.4	0.0	99	24.0	221.0 *	55.3	0.3	100
DEKALB DKC54-38 GENSSRIB	104	P500	1,2,3,4,6	21.2	216.4	56.1	0.4	99	19.7	217.5	56.4	0.0	99	19.3	226.2	56.9	0.1	99	24.5	205.5	54.9	1.0	100
DEKALB DKC57-75 GENSSRIB	107	P500	1,2,3,4,6	22.4	223.9	54.5	0.7	99	20.2	232.8	55.0	0.0	99	21.7	226.7	54.8	0.5	98	25.4	212.3	53.6	1.5	100
DYNAGRO D46SS46	106	P500	1,2,3,4,6	22.1	218.0	56.2	1.9	99	20.5	229.1	56.1	0.7	98	20.5	222.0	58.1	1.1	99	25.2	203.0	54.5	3.8	100
GOLDEN HARVEST G07F23-3111	107	C500	1,2,3,4,6	23.7	220.2	54.1	3.0	98	21.9	233.6	54.6	0.0	100	22.6	225.0	54.5	0.0	94	26.7	201.9	53.1	9.1	99
GOLDEN HARVEST G07V88-3000GT	107	C500	1,2,3,4,6	22.3	228.3	53.9	3.9	98	20.2	228.6	54.5	0.2	97	21.6	243.8 *	54.7	0.0	97	25.1	212.4	52.3	11.6	99
GREAT LAKES 5283STXRIB	102	P500	1,2,3,6	20.8	229.5	55.5	1.4	98	19.2	234.7	55.6	0.0	97	19.3	235.5	56.5	0.4	96	23.9	218.2 *	54.4	3.9	100
HYLAND SEEDS 8598RA	106	P250	1,2,3,4,6	24.8	221.6	54.6	1.7	99	22.8	242.4	54.2	2.8	99	22.8	220.9	55.5	1.2	99	29.0	201.6	53.9	1.0	100
NuTech/G2 GENETICS 5H-806™	106	P500	1,2,4	21.9	241.5 *	56.4	1.1	95	20.2	260.1 **	56.6	0.0	95	20.6	239.6 *	57.8	0.1	92	25.1	224.9 *	54.7	3.2	98
NuTech/G2 GENETICS 5H-905™	105	P500	1,2,4	20.5	223.8	54.9	0.9	100	19.0	227.0	54.8	0.4	99	19.0	233.0	55.6	0.0	99	23.6	211.3	54.2	2.4	100
PIONEER P0216AM	102	P1250	1,2,3,4,6	20.4	225.4	56.0	1.0	98	19.0	239.6	55.9	0.0	97	19.4	230.1	57.5	0.7	97	22.7	206.5	54.4	2.3	99
RENK RK752SSTX	105	P500	1,2,3,4,6	22.9	215.1	56.3	3.8	97	21.0	225.4	56.7	0.0	96	22.4	214.1	56.6	0.3	95	25.3	205.9	55.7	11.1	100
RUPP XR8034	105	C250	1,2,3	22.4	219.4	54.0	2.0	99	21.2	235.6	54.5	0.1	99	20.9	219.4	54.6	0.0	97	25.3	203.3	52.8	5.8	100
RUPP XRJ07-20	107	P250	1,2,3,4,6	22.7	220.8	56.3	4.4	99	20.8	237.3	56.6	1.0	99	21.6	222.3	57.1	0.0	98	25.6	202.8	55.0	12.2	100
SEED CONSULTANTS SCS 10HR43™	104	P1250	1,2,4	22.3	244.9 **	56.3	1.7	98	20.2	257.9 *	56.2	0.0	96	20.7	250.4 **	57.4	0.0	99	26.1	226.4 **	55.3	5.1	100
SPECIALTY 34A413	104	P500	1,2,3,4,6	20.9	225.5	56.4	1.5	99	19.7	234.6	56.4	0.0	100	19.9	230.0	57.0	0.0	98	23.2	211.9	55.7	4.5	100
WELLMAN W2307DP	107	ENC	1,2	23.4	231.2	55.2	2.6	98	22.3	239.5	55.6	1.1	97	22.4	242.9 *	55.6	0.1	98	25.6	211.2	54.4	6.6	100
WELLMAN W2401DP	101	ENC	1,2	18.5	221.7	56.3	1.2	99	17.3	224.3	56.2	0.7	97	17.0	228.5	57.4	0.3	100	21.4	212.3	55.3	2.7	100
WELLMAN W2404DP	104	ENC	1,2	20.2	212.5	56.8	0.9	98	19.5	226.4	57.4	0.0	97	19.0	216.1	57.3	0.0	97	22.2	195.1	55.7	2.6	99
AVERAGE				21.8	223.9	55.4	2.1	98	20.2	232.7	55.6	0.4	98	20.6	229.6	56.3	0.2	98	24.8	209.5	54.4	5.6	100
HIGHEST				24.8	244.9	56.8	5.4	100	22.8	260.1	57.4	2.8	100	22.8	250.4	58.1	1.2	100	29.0	226.4	55.8	16.3	100
LOWEST				18.5	210.7	53.7	0.1	95	17.3	198.3	54.2	0.0	92	17.0	214.1	54.5	0.0	92	21.4	192.9	52.2	0.3	97
CV (%)				5.3	6.7	1.7	172.3	4.0	4.9	6.4	1.6	423.8	4.0	4.7	6.3	1.7	891.2	4.0	5.8	7.3	1.8	102.6	2.0
LSD (5%)				0.6	6.9	0.4	2.2	2.0	0.8	12.3	0.8	1.1	3.0	0.8	11.4	0.8	1.0	3.0	1.3	12.1	0.8	6.4	2.0

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

2 Year Averages 2014 - 2013				Early - TRIAL AVERAGE					Allegan - Early					Ingham - Early					Saginaw - Early				
BRAND / HYBRID	RM	TRT	TRAIT	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd
AGRIGOLD A6252STXRIB	100	P500	1,2,3,4,6	21.9	217.4	55.5	0.9	99	22.5	220.0	54.9	1.6	98	19.4	229.1	57.1	1.1	100	23.8	203.2 *	54.5	0.1	100
AGRIGOLD A6257STXRIB	100	P500	1,2,3,4,6	22.8	222.2	54.6	2.8	100	23.3	227.3 *	54.1	0.1	100	20.8	235.1	56.3	8.2	99	24.3	204.3 *	53.5	0.1	100
CHANNEL 197-68STXRIB	97	PV500	1,2,3,4,6	22.7	224.6 *	55.2	1.3	99	23.5	225.1 *	55.0	0.3	100	20.4	246.5 *	56.9	3.2	97	24.3	202.1	53.7	0.4	100
CROPLAN 4099SS/RIB	99			22.8	228.9 **	54.9	1.6	100	23.1	230.5 *	54.8	0.3	100	21.4	243.9 *	55.8	4.4	99	24.0	212.2 **	54.1	0.0	100
DEKALB DKC46-20 GENVT3PRIB	96	P500	1,2,3	20.7	223.2 *	58.0	2.0	100	20.6	227.6 *	58.0	0.4	99	18.8	241.2 *	59.0	5.5	100	22.8	200.8	57.0	0.0	100
DEKALB DKC48-12 GENSSRIB	98	P500	1,2,3,4,6	21.0	214.2	54.1	0.9	99	20.8	210.9	53.5	0.3	99	18.9	229.3	55.1	2.3	98	23.2	202.4	53.6	0.0	100
DYNAGRO D39VP14	99	P500	1,2,3	21.6	221.3	56.3	0.6	98	21.9	227.1 *	55.8	0.0	97	19.5	239.1	57.3	1.8	100	23.4	197.5	55.8	0.0	98
GOLDEN HARVEST G01P52-3011A	101	C500	1,2,3,4,A	22.4	221.5	56.4	1.7	100	23.6	232.3 *	55.6	0.0	100	19.6	235.4	57.8	4.9	99	24.0	196.9	55.6	0.1	100
GREAT LAKES 4879STXRIB	98	P500	1,2,3,6	22.4	226.7 *	54.8	3.1	99	22.8	232.7 **	54.4	0.0	99	20.8	241.0 *	56.2	9.4	99	23.6	206.3 *	53.8	0.0	100
GREAT LAKES 5015STXRIB	100	P500	1,2,3,6	22.5	218.3	55.2	0.7	100	23.7	220.1	54.6	0.7	99	19.8	236.5	56.6	1.1	100	24.0	198.2	54.4	0.1	100
HYLAND SEEDS 8450RA	100	P250	1,2,3,4,6	24.6	206.4	54.5	0.7	100	25.7	219.9	53.9	0.0	99	23.2	217.8	56.1	2.2	100	24.8	181.6	53.4	0.0	100
HYLAND SEEDS 8505RA	101	P250	1,2,3,4,6	23.7	223.2 *	54.6	1.6	100	24.9	225.0 *	53.7	0.0	100	21.0	233.4	55.9	4.8	99	25.2	211.3 *	54.1	0.0	100
NK Brand N45P-3011A	101	C500	1,2,3,4,A	21.5	220.4	56.5	0.7	99	21.8	227.8 *	56.2	0.3	98	19.4	236.3	57.9	1.6	99	23.2	197.2	55.4	0.1	100
RUPP XRJ97-17	97	C250	1,2,3,4,6	22.1	210.1	55.7	0.5	99	22.6	219.4	55.3	0.0	98	19.9	221.0	57.2	1.5	100	23.7	189.8	54.6	0.0	99
RUPP XRT94-06	94	P250	1,2,3	21.3	212.0	56.7	0.7	100	21.3	215.0	56.2	0.0	100	19.3	227.3	57.9	2.0	100	23.2	193.5	56.0	0.0	100
SPECIALTY 29A263	99	P500	1,2,3,4,6	22.0	228.7 *	55.2	0.7	100	22.5	228.7 *	53.7	0.4	100	19.6	251.0 **	56.9	1.5	100	23.9	206.3 *	55.0	0.0	100
SPECIALTY 42R32GENVT3P	96	P500	1,2,3	20.0	215.9	55.8	0.6	100	19.2	221.9	55.7	0.1	100	18.5	219.4	57.0	1.7	100	22.3	206.5 *	54.7	0.0	100
STEYER 9203 VT2PRORIBC	92	C250	1,2,14	20.8	216.9	56.6	0.4	100	21.1	215.8	55.8	0.0	99	18.7	233.1	58.3	1.3	100	22.8	201.7	55.8	0.0	100
STEYER 9603 VT2PRORIBC	96	C250	1,2,14	20.7	203.6	57.7	4.7	99	21.0	218.2	57.4	0.0	99	18.9	207.6	59.1	13.9	99	22.2	184.9	56.7	0.3	100
AVERAGE				22.0	218.8	55.7	1.4	99	22.4	223.4 *	55.2	0.2	99	19.9	232.8	57.1	3.8	99	23.6	199.8	54.8	0.1	100
HIGHEST				24.6	228.9	58.0	4.7	100	25.7	232.7 **	58.0	1.6	100	23.2	251.0 **	59.1	13.9	100	25.2	212.2 **	57.0	0.4	100
LOWEST				20.0	203.6	54.1	0.4	98	19.2	210.9	53.5	0.0	97	18.5	207.6	55.1	1.1	97	22.2	181.6	53.4	0.0	98
CV (%)				4.4	5.9	2.1	463.1	2.0	5.6	5.6	2.4	687.0	2.0	4.4	5.7	1.4	250.4	3.0	3.3	6.1	2.2	5724.0	2.0
LSD (5%)				0.5	5.8	0.5	2.2	1.0	1.0	9.8	1.1	0.7	2.0	0.8	10.8	0.7	5.8	3.0	0.7	9.2	1.0	3.2	1.0

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

TABLE 2L. ALLEGAN, INGHAM & SAGINAW COUNTY GRAIN TRIALS - LATE (102 Day and Later) ZONE 2

2014				Late - TRIAL AVERAGE					Allegan - Late					Ingham - Late					Saginaw - Late				
BRAND / HYBRID	RM	TRT	TRAIT	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd
AGRIGOLD A6267STXRIB	102	P500	1,2,3,4,6	27.3	217.2 *	51.8	0.2	99	26.6	228.3	52.4	0.0	100	25.5	236.0 *	52.2	0.6	98	30.0	187.3 *	50.6	0.0	100
AGRIGOLD A6351STX	105	P500	1,2,3,4,6	26.9	207.6	53.5	0.0	99	26.1	220.2	54.2	0.0	100	24.4	223.8	53.2	0.0	98	30.1	178.8	53.1	0.0	100
BECK 5131AM™*	105	ESC	1,2,4	27.8	201.0	53.1	0.0	100	25.8	222.4	54.2	0.0	100	26.2	210.9	52.6	0.0	100	31.5	169.8	52.6	0.0	100
BECK 5140HR™*	105	ESC	1,2,4	27.2	216.0 *	52.8	11.7	100	26.1	239.1 *	52.6	0.0	100	24.3	229.4 *	54.2	35.1	100	31.1	179.6	51.8	0.0	100
BECK XL 5234AMX™*	102	ESC	1,2,3,4,6	24.2	203.9	54.3	0.4	99	21.8	209.0	54.8	0.0	99	20.9	215.5	55.4	1.1	98	30.0	187.4 *	52.6	0.0	100
CROPLAN 4276SS/RIB	102			25.2	203.9	53.1	0.0	98	24.3	214.2	53.0	0.0	98	21.4	224.1	54.5	0.0	100	30.0	173.3	51.7	0.0	97
CROPLAN 4822VT2P/RIB	103			26.2	202.5	52.6	0.0	99	25.4	223.7	53.0	0.0	100	23.5	218.8	53.5	0.0	97	29.7	164.8	51.2	0.0	100
CROPLAN 4975VT3P	102			25.1	197.1	53.6	8.2	99	23.0	207.2	53.8	0.0	100	21.9	207.3	55.2	24.7	98	30.4	176.9	51.8	0.0	100
CROPLAN 5369SS/RIB	104			27.0	199.7	53.3	0.5	100	26.3	207.3	52.9	0.0	100	24.3	218.2	54.3	1.4	100	30.4	173.7	52.7	0.0	100
DAIRYLAND SEED DS-6805	105	C250	1	26.1	201.2	51.3	1.9	100	26.0	217.3	51.8	0.0	100	22.5	219.5	53.2	5.6	100	30.0	166.7	49.0	0.0	100
DAIRYLAND SEED DS-6905	105	C250	1	31.2	192.3	50.6	0.1	99	33.1	189.3	49.8	0.0	100	29.3	212.7	51.2	0.3	98	31.3	175.0	50.6	0.0	100
DAIRYLAND SEED DS-9305RA	105	C250	1,2,3,4,6	28.1	193.4	51.9	0.4	100	27.8	204.8	52.5	0.0	100	25.9	204.3	52.7	1.1	99	30.8	171.1	50.6	0.0	100
DAIRYLAND SEED Hi DF-3702-9	104	C250	1,2,3,4	26.7	192.4	49.6	2.5	100	24.9	215.3	48.2	0.0	100	23.3	204.6	51.6	7.6	100	32.0	157.4	49.1	0.0	100
DEKALB DKC52-84 GENSSRIB	102	P500	1,2,3,4,6	24.8	209.9	51.4	0.0	100	23.0	210.6	50.3	0.0	100	21.7	239.5 **	53.1	0.0	100	29.7	179.4	50.9	0.0	100
DEKALB DKC53-56 GENSSRIB	103	P500	1,2,3,4,6	26.6	207.6	51.5	0.0	99	25.9	214.3	50.7	0.0	100	24.2	234.7 *	53.4	0.0	99	29.7	174.0	50.4	0.0	97
DEKALB DKC54-38 GENSSRIB	104	P500	1,2,3,4,6	28.3	206.3	53.2	0.1	100	28.2	209.4	53.2	0.0	99	25.9	230.6 *	53.6	0.3	100	30.8	179.0	52.8	0.0	100
DYNAGRO D42SS42	102	P500	1,2,3,4,6	26.0	198.9	51.9	0.1	98	25.5	210.8	50.4	0.0	97	23.5	214.1	54.4	0.3	98	29.1	171.7	50.9	0.0	100
DYNAGRO D43VC50	103	P500	1,2	24.3	209.9	53.0	0.0	100	22.0	213.4	52.8	0.0	100	21.3	233.8 *	54.9	0.0	99	29.5	182.5 *	51.5	0.0	100
DYNAGRO D46SS46	106	P500	1,2,3,4,6	27.3	202.9	52.4	0.0	100	26.8	214.5	51.8	0.0	100	24.6	225.7	53.4	0.0	100	30.5	168.5	51.9	0.0	100
DYNAGRO D48SS38	108	P500	1,2,3,4,6	28.7	207.6	52.8	0.0	100	29.0	212.7	52.6	0.0	100	25.9	221.1	53.8	0.0	100	31.2	188.9 *	51.9	0.0	99
GREAT LAKES 5283STXRIB	102	P500	1,2,3,6	27.2	202.9	51.8	0.2	99	26.4	225.4	52.2	0.0	100	25.2	223.2	53.3	0.6	97	30.0	160.1	50.1	0.0	99
GREAT LAKES 5428STXRIB	104	P500	1,2,3,6	25.6	202.2	53.3	0.0	99	25.2	219.9	54.2	0.0	98	22.8	219.8	54.7	0.0	99	28.9	167.0	50.9	0.0	99
GREAT LAKES 5566STX	105	P500	1,2,3,6	27.3	190.9	52.9	0.8	100	27.6	201.0	52.2	0.0	100	24.3	220.9	54.5	2.3	100	30.1	150.7	52.0	0.0	99
GREAT LAKES 5688STXRIB	106	P500	1,2,3,6	27.8	192.9	53.3	1.0	99	27.0	191.0	53.4	0.0	97	25.8	217.0	54.4	0.0	100	30.5	170.9	52.0	3.1	100
GREAT LAKES 5755STXRIB	107	P500	1,2,3,6	27.4	210.7	52.6	0.5	99	26.4	223.5	52.5	0.0	100	25.9	222.9	53.4	1.4	99	30.0	185.5 *	51.8	0.0	99
HYLAND SEEDS 5597	105	C250	1,2,4,6	30.4	198.4	50.3	0.8	98	31.1	203.4	49.9	2.5	100	28.9	215.0	50.6	0.0	100	31.2	176.6	50.5	0.0	94
HYLAND SEEDS 8598RA	106	P250	1,2,3,4,6	30.0	206.4	50.6	0.1	98	30.3	200.6	49.5	0.0	98	29.3	229.5 *	51.4	0.3	97	30.3	189.1 *	50.9	0.0	100
LEGACY SEEDS L-5522 VT3P RIB	104	P250	1,2,3	26.4	206.9	53.1	0.3	99	25.2	205.0	52.5	0.0	100	23.3	231.0 *	54.3	0.9	97	30.7	184.7 *	52.7	0.0	100
LEGEND 9402 GENSS RIB	103	C250	1,2,3,4,6	25.5	192.5	52.6	0.2	99	23.5	201.0	51.6	0.3	100	23.1	215.3	54.8	0.3	98	29.8	161.1	51.3	0.0	100
M&W SEEDS 45J99	104	A250	1,2	25.8	207.2	54.3	0.0	99	23.9	219.1	54.1	0.0	98	23.0	226.5	56.4	0.0	100	30.4	175.9	52.2	0.0	100
M&W SEEDS 45M80	102	P500	1,2,3,6	25.7	196.6	51.5	0.0	99	23.4	207.3	52.7	0.0	99	23.5	220.7	52.4	0.0	98	30.3	162.0	49.4	0.0	100
M&W SEEDS 47J66	103	A250	1,2	23.8	196.6	53.5	0.0	100	21.6	194.6	53.9	0.0	100	21.2	220.4	55.3	0.0	100	28.6	174.8	51.3	0.0	100
MYCOGEN 2G581	105	C250	1	26.4	184.3	49.1	8.0	100	26.3	188.4	49.7	0.0	100	23.0	200.0	49.7	23.9	100	29.8	164.5	48.0	0.0	100
MYCOGEN X13526VX	103	C250	1,2,3,4,6	26.7	204.5	52.1	12.3	99	25.8	199.2	51.1	25.0	100	24.8	219.6	52.9	12.0	98	29.4	194.8 **	52.4	0.0	100
NK Brand N53W-3122	105	C500	1,2,3,4,6	27.5	206.3	52.2	0.6	97	27.8	212.6	51.8	0.0	97	24.7	232.6 *	53.9	1.8	97	29.9	173.6	51.0	0.0	98
NK Brand N60F-3111	107	C500	1,2,3,4,6	29.7	199.5	51.6	0.0	100	29.3	204.5	50.7	0.0	100	29.3	217.2	52.2	0.0	99	30.6	176.8	51.9	0.0	100
NuTech/G2 GENETICS 5F-805™	105	P500	1,2,4	27.2	207.1	52.4	0.0	97	26.0	220.7	51.5	0.0	98	24.7	228.2 *	53.4	0.0	98	30.8	172.5	52.5	0.0	97
NuTech/G2 GENETICS 5H-502™	102	P500	1,2,4	25.7	207.9	53.0	0.0	99	23.5	225.4	53.2	0.0	100	23.0	236.7 *	54.7	0.0	99	30.7	161.6	51.2	0.0	99
NuTech/G2 GENETICS 5H-806™	106	P500	1,2,4	26.2	220.5 **	53.3	0.0	97	24.2	240.7 **	52.9	0.0	97	23.6	238.3 *	54.7	0.0	98	30.7	182.7 *	52.4	0.0	96
NuTech/G2 GENETICS 5H-905™	105	P500	1,2,4	26.4	214.3 *	51.6	0.0	100	24.5	221.8	50.6	0.0	100	24.2	232.6 *	53.5	0.0	100	30.5	188.5 *	50.8	0.0	100
NuTech/G2 GENETICS 5L-802™	102	P500	1,2,3,4	26.0	191.6	51.8	0.0	100	24.7	200.7	51.8	0.0	100	22.9	214.8	53.2	0.0	100	30.5	159.3	50.5	0.0	100
NuTech/G2 GENETICS 5Z-002™	102	P1250	1,2,4	24.5	200.2	52.0	1.2	99	23.1	211.9	50.8	0.0	99	20.3	215.3	53.9	3.5	98	30.2	173.4	51.3	0.0	100
PIONEER P0216AM	102	P1250	1,2,3,4,6	25.6	212.8	52.4	0.1	99	23.5	225.7	52.6	0.0	100	22.6	234.0 *	53.7	0.3	98	30.7	178.7	50.9	0.0	100
PIONEER P0419AMX	104	C250	1,2,3,4,6	28.5	206.1	54.7	0.0	99	28.4	217.8	54.5	0.0	100	25.7	238.0 *	56.5	0.0	100	31.5	162.7	52.9	0.0	98
PIONEER P0506AM	105	P1250	1,2,3,4,6	27.1	215.8 *	53.2	0.4	100	25.4	238.2 *	53.0	0.0	100	25.0	233.7 *	54.6	1.1	100	30.9	175.5	52.2	0.0	100

RENK RK666SSTX	102	P500	1,2,3,4,6	25.6	196.6	52.4	0.0	100	22.5	206.2	51.7	0.0	100	23.7	210.9	53.4	0.0	100	30.5	172.7	52.3	0.0	100
RENK RK699SSTX	105	P500	1,2,3,4,6	27.8	203.3	51.4	0.2	99	27.5	216.0	50.3	0.0	100	26.3	221.2	53.2	0.6	97	29.6	172.6	50.8	0.0	100
RENK RK712SSTX	106	P500	1,2,3,4,6	27.9	200.8	52.7	0.0	100	28.1	222.9	53.0	0.0	100	25.3	208.5	53.7	0.0	99	30.4	170.9	51.6	0.0	100
RENK RK752SSTX	105	P500	1,2,3,4,6	28.6	204.4	52.8	0.6	100	29.5	211.7	52.3	0.0	100	25.5	224.2	53.4	1.7	99	30.9	177.2	52.7	0.0	100
RUPP XRJ03-31	103	C250	1,2,3,4,6	25.6	194.0	51.2	0.0	99	23.6	201.9	51.6	0.0	99	23.0	210.1	52.7	0.0	97	30.1	169.9	49.3	0.0	100
SPECIALTY 32A323	102	P500	1,2,3,4,6	25.7	205.4	52.0	0.2	100	24.2	211.6	52.4	0.0	100	23.5	235.9 *	53.5	0.6	100	29.3	168.8	50.2	0.0	100
SPECIALTY 34A413	104	P500	1,2,3,4,6	26.4	202.7	52.8	0.4	99	25.6	220.5	53.0	0.0	100	23.5	225.5	53.6	1.2	97	30.3	162.1	51.7	0.0	100
SPECIALTY 36A794	106	P500	1,2,3,4,6	25.6	205.6	51.9	0.1	98	24.0	220.1	52.5	0.0	96	23.0	227.3 *	52.5	0.3	98	29.6	169.4	50.7	0.0	100
UNITY SEEDS 5608 SS-RIB	108	P500		28.7	189.5	52.7	0.0	100	28.9	187.6	52.1	0.0	100	27.1	207.7	53.2	0.0	100	30.2	173.3	52.7	0.0	100
UNITY SEEDS 7505 3122	105	C250	1,2,3,4	27.7	193.5	52.0	0.0	96	27.2	216.6	51.6	0.0	98	24.8	217.5	53.6	0.0	94	31.1	146.4	50.7	0.0	97
AVERAGE				26.8	202.6	52.3	1.0	99	25.9	212.7	52.1	0.5	99	24.3	222.1	53.5	2.4	99	30.3	172.9	51.3	0.1	99
HIGHEST				31.2	220.5	54.7	12.3	100	33.1	240.7	54.8	25.0	100	29.3	239.5	56.5	35.1	100	32.0	194.8	53.1	3.1	100
LOWEST				23.8	184.3	49.1	0.0	96	21.6	187.6	48.2	0.0	96	20.3	200.0	49.7	0.0	94	28.6	146.4	48.0	0.0	94
CV (%)				3.9	5.3	2.2	465.0	2.0	5.4	4.7	3.0	1342.0	2.0	4.3	5.0	1.7	275.5	3.0	2.0	6.3	1.7	1483.0	2.0
LSD (5%)				0.7	7.2	0.8	2.3	1.0	1.6	11.6	1.8	7.9	2.0	1.2	12.9	1.1	7.7	3.0	0.7	12.7	1.0	1.0	2.0

2 Year Averages 2014 - 2013				Late - TRIAL AVERAGE					Allegan - Late					Ingham - Late					Saginaw - Late				
BRAND / HYBRID	RM	TRT	TRAIT	%H2O	BU/A		Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd
CROPLAN 4975VT3P	102			23.2	221.1		55.8	6.0	100	24.3	237.1	55.4	0.4	100	19.9	227.2	57.0	17.5	99	25.3	198.9	54.9	0.0	100
DAIRYLAND SEED Hi DF-3702-9	104	C250	1,2,3,4	24.6	208.0		52.9	4.5	100	25.5	227.7	52.0	0.4	100	21.2	214.8	54.7	11.6	100	27.2	181.4	52.2	1.6	99
DEKALB DKC53-56 GENSSRIB	103	P500	1,2,3,4,6	24.5	222.1		54.4	0.2	99	25.6	228.3	53.6	0.0	100	21.8	237.5 *	56.0	0.7	100	26.1	200.6 *	53.6	0.0	99
DEKALB DKC54-38 GENSSRIB	104	P500	1,2,3,4,6	25.2	217.1		55.5	4.5	100	26.5	227.7	55.3	0.0	99	22.5	224.4	56.0	13.3	100	26.5	199.1 *	55.2	0.3	100
DYNAGRO D42SS42	102	P500	1,2,3,4,6	24.7	215.8		55.1	0.6	99	26.0	225.3	53.9	0.0	98	21.8	223.1	57.1	1.0	99	26.5	198.9	54.2	0.7	100
DYNAGRO D46SS46	106	P500	1,2,3,4,6	25.5	220.3		54.7	0.5	100	27.0	231.5	54.1	0.0	99	22.3	232.5 *	55.8	1.6	100	27.3	196.8	54.1	0.0	100
GREAT LAKES 5283STXRIB	102	P500	1,2,3,6	24.7	219.4		54.4	0.8	99	25.4	234.5	54.4	0.4	100	22.2	233.5 *	55.8	2.1	98	26.5	190.0	53.2	0.0	100
HYLAND SEEDS 8598RA	106	P250	1,2,3,4,6	26.8	215.4		53.7	16.3	99	28.0	220.2	52.2	0.0	99	24.5	225.8	55.3	43.1	99	28.1	200.1 *	53.6	5.8	100
NK Brand N53W-3122	105	C500	1,2,3,4,6	25.7	207.8		54.4	4.0	98	27.7	220.7	53.7	0.6	98	21.9	224.2	56.2	6.9	98	27.5	178.4	53.2	4.4	99
NuTech/G2 GENETICS 5H-502™	102	P500	1,2,4	23.2	218.4		55.4	1.1	98	23.2	229.8	55.2	0.0	97	20.8	231.8 *	56.4	3.4	99	25.6	193.6	54.7	0.0	98
NuTech/G2 GENETICS 5H-806™	106	P500	1,2,4	24.1	230.0	**	55.6	0.7	97	23.8	246.9 **	55.1	0.0	97	21.5	234.3 *	56.9	2.0	98	27.0	208.9 **	54.8	0.0	96
NuTech/G2 GENETICS 5H-905™	105	P500	1,2,4	23.9	229.9	*	54.2	4.2	100	25.0	245.2 *	53.0	0.3	100	21.2	239.6 **	55.9	12.4	99	25.4	204.9 *	53.5	0.0	100
PIONEER P0216AM	102	P1250	1,2,3,4,6	23.7	225.5	*	54.8	0.5	99	24.2	239.9 *	54.3	0.0	100	20.7	239.6 **	56.2	1.5	97	26.2	196.9	53.7	0.1	100
RENK RK666SSTX	102	P500	1,2,3,4,6	23.5	214.8		54.4	0.2	100	23.8	224.3	53.5	0.1	100	20.9	217.8	55.3	0.0	100	25.7	202.3 *	54.3	0.4	100
RENK RK699SSTX	105	P500	1,2,3,4,6	26.0	219.2		54.0	1.0	97	27.0	228.6	53.2	0.6	98	23.1	233.2 *	55.7	2.3	97	27.9	195.9	53.1	0.1	97
RENK RK752SSTX	105	P500	1,2,3,4,6	26.4	217.8		55.3	2.4	99	29.4	227.1	54.2	0.0	99	22.5	233.3 *	56.7	7.2	99	27.3	193.2	55.0	0.0	100
RUPP XRJ03-31	103	C250	1,2,3,4,6	23.8	211.4		54.3	0.9	99	24.8	222.8	54.1	0.0	99	20.6	217.5	55.8	2.8	98	26.0	193.9	52.9	0.0	100
SPECIALTY 34A413	104	P500	1,2,3,4,6	24.2	215.2		55.1	2.7	99	25.8	230.3	54.6	0.2	99	21.1	224.1	56.3	7.4	98	25.8	191.3	54.6	0.6	100
UNITY SEEDS 7505 3122	105	C250	1,2,3,4	25.2	201.4		54.3	1.0	97	26.5	217.5	53.9	0.0	97	22.0	212.5	55.8	3.1	97	27.3	174.2	53.2	0.0	98
AVERAGE				24.7	217.4		54.6	2.7	99	25.8	229.8	54.0	0.2	99	21.7	227.7	56.1	7.4	99	26.6	194.7	53.9	0.7	99
HIGHEST				26.8	230.0		55.8	16.3	100	29.4	246.9	55.4	0.6	100	24.5	239.6	57.1	43.1	100	28.1	208.9	55.2	5.8	100
LOWEST				23.2	201.4		52.9	0.2	97	23.2	217.5	52.0	0.0	97	19.9	212.5	54.7	0.0	97	25.3	174.2	52.2	0.0	96
CV (%)				4.6	5.8		2.0	0.0	2.0	5.7	5.2	2.3	1070.0	2.0	4.3	5.8	1.7	243.8	2.0	3.8	6.5	1.9	666.1	2.0
LSD (5%)				0.6	5.8		0.5		1.0	1.2	9.5	1.0	4.0	2.0	0.8	10.7	0.8	10.1	2.0	0.9	9.9	0.8	2.3	2.0

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

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

2014				Early - TRIAL AVERAGE					Huron - Early					Mason - Early					Montcalm - Early				
BRAND / HYBRID	RM	TRT	TRAIT	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd
CHANNEL 197-68STXRIB	97	PV500	1,2,3,4,6	34.0	179.8	48.7	0.0	100	26.4	191.7 *	49.9	0.0	100	41.7	167.9	47.6	0.0	100					
CROPLAN 3399SS/RIB	93			31.2	184.5	50.0	0.0	100	26.6	192.8 *	51.2	0.0	100	35.9	176.3	48.8	0.0	100		Not Harvested			
CROPLAN 3499VT3P	94			30.2	182.3	50.4	0.0	100	26.5	184.1	50.8	0.0	100	33.9	180.4	50.0	0.0	100		Due to frost			
CROPLAN 3533VP2PRIB	97			27.8	183.8	49.7	0.0	96	25.6	180.3	49.8	0.0	93	30.1	187.3	49.6	0.0	100		-287 GDU			
CROPLAN 3611SS/RIB	96			28.0	181.0	50.0	0.0	99	25.5	181.4	50.3	0.0	100	30.4	180.6	49.7	0.0	97					
CROPLAN 3899VT2P	96			31.0	191.2 *	49.3	0.0	100	26.6	180.7	50.4	0.0	100	35.3	201.7 *	48.3	0.0	99					
DAIRYLAND SEED DS-9487RA	87	C250	1,2,3,4,6	28.5	179.3	48.7	0.0	100	25.8	178.2	49.2	0.0	100	31.2	180.3	48.2	0.0	100					
DAIRYLAND SEED DS-9694RA	94	C250	1,2,3,4,6	28.8	167.2	50.3	0.0	100	24.9	172.4	51.7	0.0	100	32.7	162.0	48.9	0.0	99					
DAIRYLAND SEED DS-9791RA	91	C250	1,2,3,4,6	29.7	172.0	49.9	0.0	99	25.9	164.0	50.4	0.0	100	33.6	180.0	49.3	0.0	98					
DEKALB DKC43-10 GENVT2PRIB	93	P500	1,2	28.1	196.8 *	49.8	0.0	100	27.0	176.8	49.4	0.0	99	29.2	216.8 **	50.3	0.0	100					
DEKALB DKC44-13 GENSSRIB	94	P500	1,2,3,4,6	29.8	169.0	49.1	0.0	100	26.6	158.6	49.1	0.0	100	33.0	179.5	49.1	0.0	100					
DEKALB DKC45-65 GENSSRIB	95	P500	1,2,3,4,6	29.1	190.8 *	49.1	0.1	99	26.5	171.7	49.6	0.3	99	31.7	209.8 *	48.5	0.0	98					
DEKALB DKC46-20 GENVT3PRIB	96	P500	1,2,3	27.8	192.1 *	50.7	0.0	100	25.2	183.2	50.8	0.0	100	30.4	201.0	50.6	0.0	99					
DEKALB DKC46-36 GENSSRIB	96	P500	1,2,3,4,6	28.7	184.7	49.8	0.0	100	25.6	182.6	49.2	0.0	100	31.7	186.8	50.4	0.0	100					
DEKALB DKC47-35 GENSSRIB	97	P500	1,2,3,4,6	31.6	188.2 *	49.0	0.0	100	26.1	175.9	49.1	0.0	99	37.2	200.6	49.0	0.0	100					
DYNAGRO D29VC30	89	P500	1,2	26.5	177.7	51.0	0.0	98	26.2	187.7	50.8	0.0	99	26.8	167.6	51.1	0.0	98					
DYNAGRO D32VC56	92	P500	1,2	30.8	176.8	49.1	0.0	100	27.5	160.3	48.6	0.0	100	34.2	193.3	49.7	0.0	100					
DYNAGRO D34VP52	94	P500	1,2,3	31.3	182.2	49.6	0.0	100	26.7	185.9	49.9	0.0	100	36.0	178.4	49.3	0.0	100					
DYNAGRO D37SS60	97	P500	1,2,3,4,6	28.2	180.8	50.2	0.0	99	25.9	168.2	49.9	0.0	100	30.5	193.5	50.5	0.0	99					
GOLDEN HARVEST G88M78-3011A	88	C500	1,2,4,6,A	26.0	179.4	49.1	0.5	99	26.6	179.8	48.4	0.0	100	25.3	179.1	49.8	0.9	98					
GOLDEN HARVEST G92T43-3111	92	C500	1,2,3,4,6	26.4	175.8	50.8	2.0	100	25.5	175.6	50.8	0.0	100	27.3	175.9	50.9	4.0	100					
GOLDEN HARVEST G95D32-3110	95	C500	1,2,4,6	27.8	186.5	51.0	0.0	100	25.9	174.5	49.6	0.0	99	29.6	198.5	52.5	0.0	100					
GREAT LAKES 4250STX	92	P500	1,2,3,6	27.9	189.1 *	49.1	0.0	99	26.7	177.0	49.9	0.0	98	29.2	201.2 *	48.2	0.0	100					
GREAT LAKES 4699VT3PRIB	96	P500	1,2,3	29.7	184.1	49.8	0.0	100	25.6	183.8	50.2	0.0	100	33.9	184.3	49.4	0.0	100					
HYLAND SEEDS 4398	96	P250	1,2,3,4	28.6	176.3	49.4	0.1	100	26.6	172.1	49.2	0.0	100	30.5	180.5	49.5	0.3	100					
HYLAND SEEDS 8202RA	89	P250	1,2,3,4,6	28.6	181.8	49.3	0.1	99	24.9	184.7	50.3	0.3	100	32.3	178.8	48.3	0.0	99					
HYLAND SEEDS 8305RA	90	C250	1,2,3,4,6	28.8	169.7	49.5	0.0	99	25.9	173.0	50.2	0.0	99	31.8	166.4	48.9	0.0	100					
HYLAND SEEDS 8315RA	92	P250	1,2,3,4,6	31.1	177.2	49.3	0.0	99	27.6	180.4	49.6	0.0	100	34.6	174.0	48.9	0.0	98					
LEGACY SEEDS L-3043 VT2P RIB	92	ENC	1,2	30.6	175.1	50.1	0.0	100	26.0	177.6	50.4	0.0	100	35.2	172.6	49.8	0.0	99					
LEGACY SEEDS L-3423 GENSS RIB	94	P500	1,2,3,4,6	29.6	198.0 **	48.9	0.0	99	26.9	201.9 **	49.5	0.0	98	32.4	194.1	48.2	0.0	100					
LEGACY SEEDS L-3612 VT3P	96	P250	1,2,3	28.9	184.8	49.8	0.0	99	26.0	177.3	50.9	0.0	98	31.8	192.3	48.8	0.0	100					
LEGEND 9495 VT3 Pro RIB	95	C250	1,2,3	29.0	176.9	50.8	0.0	100	25.5	170.4	50.7	0.0	100	32.6	183.5	50.9	0.0	100					
LEGEND 9497 GENSS RIB	97	C250	1,2,3,4,6	30.4	186.7	49.7	0.0	98	26.2	185.1	50.0	0.0	99	34.6	188.3	49.5	0.0	97					
M&W SEEDS 47M34	92	P500	1,2,3,4,6	26.5	191.3 *	50.7	0.0	100	25.0	177.6	51.2	0.0	100	28.0	205.1 *	50.2	0.0	100					
M&W SEEDS 47R91	95	A250	1,2	28.4	177.9	51.3	0.0	95	25.6	186.6	51.6	0.0	94	31.1	169.2	51.1	0.0	95					
NK Brand N23M-3011A	88	C500	1,2,3,4,A	24.7	176.2	50.2	1.0	99	24.1	179.2	50.9	0.9	99	25.3	173.3	49.6	1.1	99					
NK Brand N29T-3111 Brand	92	C500	1,2,3,4,6	25.9	180.1	50.4	0.1	96	25.4	182.2	50.0	0.3	100	26.5	178.0	50.8	0.0	92					
NK Brand N36A-3220	96	C500	1,2,4,6	30.6	177.6	49.4	0.0	98	26.6	177.7	49.3	0.0	100	34.7	177.6	49.4	0.0	96					
NuTech 5V-195™	95	C500	1,2,3,4	28.4	180.7	50.1	0.0	100	26.6	180.7	50.2	0.0	100	30.3	180.7	49.9	0.0	100					
NuTech/G2 GENETICS 5F-295™	95	P500	1,2,4	31.0	176.5	48.5	0.0	100	27.4	171.2	48.5	0.0	100	34.5	181.8	48.6	0.0	100					
NuTech/G2 GENETICS 5X-894™	94	P500	1,2,3,4	27.7	184.8	49.9	0.0	99	26.2	177.8	49.4	0.0	99	29.1	191.9	50.4	0.0	99					
NuTech/G2 GENETICS 5Y-196™	96	P1250	1,2,3,4	28.1	190.1 *	48.9	0.0	99	25.8	180.5	49.7	0.0	99	30.4	199.8	48.2	0.0	99					
PIONEER P9789AMXT	97	C250	1,2,3,4,6	30.1	179.4	49.3	0.0	86	25.9	187.7	50.7	0.0	86	34.2	171.2	47.9	0.0	86					
RENK RK299VT2P	89	P250	1,2	27.5	167.3	50.2	0.0	99	26.4	176.3	49.8	0.0	100	28.7	158.4	50.6	0.0	99					
RENK RK522SSTX	94	P500	1,2,3,4,6	29.9	179.6	49.0	0.0	99	26.8	178.2	49.6	0.0	98	33.1	181.0	48.3	0.0	99					

RENK RK557SSTX	95	P500	1,2,3,4,6	29.8	171.6	49.2	0.0	100	25.5	170.8	49.5	0.0	100	34.1	172.5	48.9	0.0	100		
RENK RK568VT3P	95	P250	1,2,3	30.5	175.3	49.2	0.0	100	25.5	183.6	49.2	0.0	100	35.6	167.1	49.2	0.0	100		
RUPP XRD90-64	90	C250	1,2,4,6	27.4	178.2	50.1	0.4	97	25.8	175.2	49.8	0.0	96	29.1	181.2	50.5	0.9	97		
RUPP XRD97-56	97	C250	1,2,3	28.3	185.9	50.2	0.0	100	25.8	184.5	50.9	0.0	100	30.8	187.4	49.5	0.0	100		
RUPP XRJ97-17	97	C250	1,2,3,4,6	33.2	171.1	48.4	0.3	97	27.0	182.1	48.6	0.0	97	39.4	160.0	48.1	0.6	97		
RUPP XRT94-06	94	P250	1,2,3	30.0	166.8	49.2	0.0	100	26.4	159.1	49.0	0.0	99	33.5	174.4	49.5	0.0	100		
STEYER 9203 VT2PRORIBC	92	C250	1,2,14	30.9	169.7	49.9	0.0	100	26.3	181.2	50.3	0.0	100	35.5	158.2	49.5	0.0	99		
STEYER 9603 VT2PRORIBC	96	C250	1,2,14	28.7	181.1	51.1	0.0	97	26.4	185.0	50.7	0.0	97	31.0	177.1	51.5	0.0	97		
AVERAGE				29.1	180.4	49.7	0.1	99	26.1	178.6	50.0	0.0	99	32.1	182.2	49.5	0.1	99		
HIGHEST				34.0	198.0	51.3	2.0	100	27.6	201.9	51.7	0.9	100	41.7	216.8	52.5	4.0	100		
LOWEST				24.7	166.8	48.4	0.0	86	24.1	158.6	48.4	0.0	86	25.3	158.2	47.6	0.0	86		
CV (%)				6.0	6.6	2.7	783.9	3.0	5.0	5.7	3.3	830.9	3.0	6.5	7.3	1.9	650.4	3.0		
LSD (5%)				1.4	9.8	1.1	0.6	3.0	1.5	12.0	1.9	0.3	4.0	2.4	15.6	1.1	1.1	4.0		

2 Year Averages 2014 - 2013				Early - TRIAL AVERAGE					Huron - Early					Mason - Early					Montcalm - Early				
BRAND / HYBRID	RM	TRT	TRAIT	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd
CHANNEL 197-68STXRIB	97	PV500	1,2,3,4,6	28.9	221.9 *	52.8	0.6	100	23.6	231.7 **	53.9	0.6	100	34.3	212.1 *	51.6	0.6	100					
DAIRYLAND SEED DS-9487RA	87	C250	1,2,3,4,6	24.8	195.5	52.4	0.6	100	22.0	195.3	52.5	1.3	100	27.6	195.6	52.4	0.0	100					
DAIRYLAND SEED DS-9791RA	91	C250	1,2,3,4,6	25.5	202.0	53.4	0.4	100	22.1	195.6	54.0	0.7	100	29.0	208.4	52.9	0.0	99					
DEKALB DKC43-10 GENVT2PRIB	93	P500	1,2	24.1	219.3 *	53.7	0.3	100	22.5	214.5	53.7	0.4	100	25.7	224.2 **	53.8	0.1	100					
DEKALB DKC46-20 GENVT3PRIB	96	P500	1,2,3	24.5	225.1 **	54.7	0.1	97	21.9	227.0 *	55.8	0.0	95	27.0	223.1 *	53.7	0.1	100					
DYNAGRO D34VP52	94	P500	1,2,3	26.2	211.6	53.8	0.3	100	22.9	211.9	54.6	0.0	100	29.6	211.2 *	53.1	0.6	100					
GOLDEN HARVEST G92T43-3111	92	C500	1,2,3,4,6	22.6	208.3	54.3	1.4	100	21.2	205.3	54.1	0.7	100	24.0	211.3 *	54.4	2.1	100					
HYLAND SEEDS 4398	96	P250	1,2,3,4	24.0	202.8	53.7	0.9	100	21.9	203.2	54.0	0.0	100	26.2	202.5	53.5	1.7	100					
HYLAND SEEDS 8315RA	92	P250	1,2,3,4,6	26.1	196.2	53.0	6.9	99	22.9	204.2	53.3	0.0	100	29.3	188.2	52.7	13.9	99					
NK Brand N29T-3111 Brand	92	C500	1,2,3,4,6	23.0	206.8	53.6	0.5	98	21.1	209.2	53.4	1.0	100	25.0	204.4	53.8	0.0	96					
NuTech/G2 GENETICS 5X-894™	94	P500	1,2,3,4	23.7	211.7	53.8	1.2	99	22.0	208.5	53.6	0.3	99	25.3	214.9 *	54.0	2.1	99					
RENK RK557SSTX	95	P500	1,2,3,4,6	26.4	205.5	53.1	0.1	100	22.6	207.1	53.9	0.3	100	30.2	203.9	52.3	0.0	99					
RENK RK568VT3P	95	P250	1,2,3	25.7	210.2	53.8	0.1	100	22.2	215.6	54.4	0.0	100	29.1	204.8	53.2	0.3	100					
RUPP XRD90-64	90	C250	1,2,4,6	23.7	210.3	53.9	0.7	98	21.9	208.6	53.8	0.7	98	25.5	212.0 *	54.0	0.7	98					
RUPP XRD97-56	97	C250	1,2,3	24.4	215.6	53.8	0.8	100	22.3	216.7	54.2	0.3	100	26.6	214.6 *	53.4	1.3	100					
RUPP XRJ97-17	97	C250	1,2,3,4,6	28.1	201.1	52.6	0.9	97	24.0	216.1	53.0	1.1	98	32.3	186.1	52.2	0.7	96					
RUPP XRT94-06	94	P250	1,2,3	26.5	197.7	53.4	0.6	99	22.7	196.3	54.1	0.4	100	30.2	199.0	52.6	0.7	99					
STEYER 9203 VT2PRORIBC	92	C250	1,2,14	26.0	203.4	53.8	0.1	100	22.5	211.0	54.5	0.0	100	29.6	195.9	53.2	0.1	100					
STEYER 9603 VT2PRORIBC	96	C250	1,2,14	24.7	207.5	55.0	0.9	98	22.2	213.4	55.8	1.4	98	27.3	201.5	54.1	0.4	98					
AVERAGE				25.2	208.0	53.6	0.9	99	22.3	210.1	54.0	0.5	99	28.1	206.0	53.2	1.3	99					
HIGHEST				28.9	225.1	55.0	6.9	100	24.0	231.7	55.8	1.4	100	34.3	224.2	54.4	13.9	100					
LOWEST				22.6	195.5	52.4	0.1	97	21.1	195.3	52.5	0.0	95	24.0	186.1	51.6	0.0	96					
CV (%)				5.6	7.1	2.1	1104.0	3.0	4.5	6.2	2.5	516.2	4.0	7.3	9.6	1.7	1052.0	3.0					
LSD (5%)				0.9	8.1	0.6	3.2	2.0	0.9	9.9	1.1	1.2	3.0	1.8	15.4	0.7	6.4	2.0					

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

TABLE 3L. HURON, MASON & MONTCALM COUNTY GRAIN TRIALS - LATE (98 Day and Later) ZONE 3

2014				Late - TRIAL AVERAGE					Huron - Late					Mason - Late					Montcalm - Late				
BRAND / HYBRID	RM	TRT	TRAIT	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd
CROPLAN 4099SS/RIB	99			34.3	167.0	48.4	0.0	100	28.9	165.0	49.7	0.0	100	39.7	169.0	47.1	0.0	100					
CROPLAN 4276SS/RIB	102			36.3	159.0	49.3	0.0	97	28.4	164.7	50.4	0.0	98	44.2	153.4	48.2	0.0	95	Not Harvested				
CROPLAN 4822VT2P/RIB	103			33.5	167.8	48.8	0.0	98	28.5	161.3	48.7	0.0	96	38.6	174.4	48.8	0.0	100	Due to frost				
CROPLAN 4975VT3P	102			34.9	160.3	49.6	0.0	99	28.6	162.5	49.9	0.0	100	41.1	158.1	49.4	0.0	99	-287 GDU				
CROPLAN 5369SS/RIB	104			40.3	159.4	50.4	0.0	100	29.1	165.7	51.5	0.0	99	51.5	153.0	49.3	0.0	100					
DAIRYLAND SEED DS-9900SSX	100	C250	1,2,3,4,6	35.0	162.9	47.2	0.0	100	28.6	166.8	48.5	0.0	100	41.4	159.0	45.9	0.0	100					
DAIRYLAND SEED Hi DF-3702-9	104	C250	1,2,3,4	34.1	170.9	48.0	0.4	100	27.8	159.9	48.5	0.0	100	40.5	182.0 *	47.4	0.9	100					
DEKALB DKC48-12 GENSSRIB	98	P500	1,2,3,4,6	32.7	161.1	48.6	0.1	99	28.0	159.3	50.2	0.3	99	37.5	163.0	47.1	0.0	99					
DEKALB DKC49-72 GENSSRIB	99	P500	1,2,3,4,6	31.3	174.6 *	49.5	0.0	99	27.5	167.4	50.8	0.0	98	35.1	181.9 *	48.1	0.0	99					
DEKALB DKC50-84 GENVT2PRIB	100	P500	1,2	33.6	164.4	48.5	0.0	100	29.2	164.5	49.1	0.0	100	38.1	164.3	48.0	0.0	100					
DEKALB DKC52-84 GENSSRIB	102	P500	1,2,3,4,6	31.3	180.1 *	49.7	0.0	99	28.3	166.5	50.7	0.0	100	34.4	193.8 *	48.8	0.0	99					
DYNAGRO D38SS50	98	P500	1,2,3,4,6	31.6	166.8	49.8	0.0	100	27.9	168.1	52.3	0.0	100	35.3	165.5	47.3	0.0	100					
DYNAGRO D39VP14	99	P500	1,2,3	32.8	168.7	50.3	0.0	99	28.2	176.5 *	49.8	0.0	100	37.5	160.9	50.7	0.0	97					
DYNAGRO D40SS48	100	P500	1,2,3,4,6	38.0	161.2	51.1	0.1	98	29.8	161.9	52.1	0.3	97	46.2	160.5	50.1	0.0	99					
DYNAGRO D41SS71	101	P500	1,2,3,4,6	34.9	163.2	49.3	0.3	100	29.4	153.5	50.1	0.0	100	40.3	172.9	48.5	0.6	100					
DYNAGRO D42SS42	102	P500	1,2,3,4,6	33.2	150.7	49.8	0.0	100	28.5	134.7	50.4	0.0	100	37.8	166.8	49.3	0.0	100					
DYNAGRO D43VC50	103	P500	1,2	32.8	160.1	49.3	0.0	99	28.1	148.6	50.8	0.0	100	37.4	171.6	47.9	0.0	98					
GREAT LAKES 4879STXRIB	98	P500	1,2,3,6	33.1	180.6 *	49.2	0.0	97	28.4	185.3 *	50.9	0.0	99	37.9	176.0	47.4	0.0	96					
GREAT LAKES 5015STXRIB	100	P500	1,2,3,6	30.8	178.6 *	48.8	0.0	100	27.4	177.9 *	49.4	0.0	100	34.2	179.4	48.1	0.0	100					
GREAT LAKES 5283STXRIB	102	P500	1,2,3,6	34.4	177.1 *	49.2	0.0	99	27.6	175.3 *	49.9	0.0	99	41.2	179.0	48.6	0.0	99					
HYLAND SEEDS 4425	98	C250	1,2,3,4	32.5	165.7	49.5	0.9	95	28.2	163.7	50.5	0.0	98	36.8	167.8	48.5	1.8	92					
HYLAND SEEDS 5510	101	C250	1,2,4,6	35.1	182.0 **	50.6	0.0	100	28.3	180.3 *	50.9	0.0	100	42.0	183.7 *	50.3	0.0	100					
HYLAND SEEDS 8445RA	99	C250	1,2,3,4,6	34.3	160.2	48.5	0.0	95	28.4	163.4	51.1	0.0	90	40.2	157.1	45.9	0.0	100					
HYLAND SEEDS 8505RA	101	P250	1,2,3,4,6	38.2	168.6	49.1	0.0	100	28.5	178.2 *	50.7	0.0	100	47.8	159.1	47.6	0.0	100					
LEGACY SEEDS L-3844 GENSS	98	P500	1,2,3,4,6	34.1	164.3	48.5	0.0	100	28.8	168.7	49.5	0.0	100	39.4	159.8	47.5	0.0	100					
LEGACY SEEDS L-4343 GENSS RI	101	P500	1,2,3,4,6	32.0	178.3 *	50.7	0.3	100	27.9	187.7 **	52.4	0.6	99	36.1	168.9	49.1	0.0	100					
MYCOGEN 2Y479	98	C250	1,2,3,4,6	33.7	168.1	49.6	0.0	100	28.2	174.3 *	50.3	0.0	100	39.3	161.8	48.9	0.0	100					
MYCOGEN X14402S3	99	C250	1,2,3,4,6	34.2	157.4	47.9	0.0	100	28.2	152.7	49.5	0.0	100	40.1	162.2	46.3	0.0	100					
NuTech/G2 GENETICS 5F-198™	98	P500	1,2,4	30.6	175.7 *	48.3	0.0	100	28.3	156.5	50.3	0.0	100	32.9	195.0 **	46.3	0.0	99					
NuTech/G2 GENETICS 5F-200™	100	P500	1,2,4	30.9	179.4 *	49.6	0.0	98	28.1	163.8	49.4	0.0	98	33.7	195.0 **	49.7	0.0	98					
NuTech/G2 GENETICS 5F-399™	99	P500	1,2,4	34.8	175.5 *	48.2	0.0	98	27.9	177.0 *	48.7	0.0	99	41.6	174.1	47.6	0.0	97					
NuTech/G2 GENETICS 5H-502™	102	P500	1,2,4	33.4	179.6 *	49.6	0.0	99	28.7	178.1 *	50.6	0.0	100	38.2	181.1 *	48.6	0.0	99					
NuTech/G2 GENETICS 5L-802™	102	P500	1,2,3,4	37.3	161.6	48.8	0.0	99	28.7	155.7	49.6	0.0	99	45.9	167.5	48.0	0.0	99					
NuTech/G2 GENETICS 5X-698™	98	P500	1,2,3,4	31.0	167.6	49.1	0.0	100	27.2	175.8 *	50.7	0.0	100	34.8	159.5	47.6	0.0	100					
NuTech/G2 GENETICS 5Z-002™	102	P1250	1,2,4	35.0	164.0	49.0	0.0	100	28.3	167.4	50.2	0.0	99	41.8	160.6	47.8	0.0	100					
NuTech/G2 GENETICS 5Z-0106™	101	P1250	1,2,4	36.1	161.3	48.7	0.0	94	28.6	158.4	50.0	0.0	91	43.7	164.2	47.5	0.0	97					
PIONEER P0157AM	101	P1250	1,2,3,4,6	36.1	166.3	50.3	0.0	99	27.3	158.0	50.8	0.0	100	45.0	174.7	49.8	0.0	98					
PIONEER P0216AM	102	P1250	1,2,3,4,6	33.7	173.3 *	48.7	0.0	99	28.3	171.4	50.3	0.0	98	39.2	175.3	47.1	0.0	99					
PIONEER P9807AM	98	P1250	1,2,3,4,6	31.2	174.7 *	50.0	0.0	96	27.6	161.7	51.2	0.0	96	34.7	187.7 *	48.9	0.0	96					
RENK RK596SSTX	98	P500	1,2,3,4,6	31.0	170.9	49.9	0.0	99	27.3	166.0	51.4	0.0	100	34.7	175.8	48.4	0.0	99					
AVERAGE				33.8	168.2	49.2	0.1	99	28.3	166.1	50.3	0.0	99	39.4	170.4	48.2	0.1	99					
HIGHEST				40.3	182.0	51.1	0.9	100	29.8	187.7	52.4	0.6	100	51.5	195.0	50.7	1.8	100					
LOWEST				30.6	150.7	47.2	0.0	94	27.2	134.7	48.5	0.0	90	32.9	153.0	45.9	0.0	92					
CV (%)				6.1	7.7	3.1	691.2	3.0	3.4	7.4	3.8	764.1	4.0	7.0	7.4	2.3	604.1	2.0					
LSD (5%)				1.7	10.7	1.3	0.3	3.0	1.1	14.5	2.2	0.3	5.0	3.2	14.8	1.3	0.6	3.0					

2 Year Averages 2014 - 2013				Late - TRIAL AVERAGE					Huron - Late					Mason - Late					Montcalm - Late				
BRAND / HYBRID	RM	TRT	TRAIT	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd
CROPLAN 4099SS/RIB	99			29.1	205.8 *	52.3	0.8	100	25.5	197.7	53.2	0.0	100	32.8	213.8 *	51.5	1.5	100					
CROPLAN 4975VT3P	102			28.6	193.2	53.4	9.2	100	24.5	199.6	54.0	2.3	100	32.8	186.9	52.8	16.1	99					
DAIRYLAND SEED Hi DF-3702-9	104	C250	1,2,3,4	29.2	196.5	51.8	8.4	100	25.5	190.1	52.0	0.8	100	32.9	203.0	51.6	16.0	100					
DEKALB DKC48-12 GENSSRIB	98	P500	1,2,3,4,6	26.5	198.7	52.8	0.7	100	23.3	195.7	53.8	0.4	99	29.7	201.7	51.9	1.0	100					
DYNAGRO D39VP14	99	P500	1,2,3	27.1	205.8 *	53.9	0.1	98	23.9	208.7 *	54.1	0.3	99	30.4	202.8	53.7	0.0	98					
DYNAGRO D41SS71	101	P500	1,2,3,4,6	29.0	205.7 *	53.0	1.1	100	25.3	196.3	53.8	0.0	99	32.7	215.0 *	52.2	2.1	100					
DYNAGRO D42SS42	102	P500	1,2,3,4,6	28.8	190.4	53.1	0.2	101	25.4	182.6	54.0	0.4	101	32.3	198.2	52.3	0.0	100					
GREAT LAKES 4879STXRIB	98	P500	1,2,3,6	28.5	212.0 *	52.7	0.5	98	24.8	208.3 *	53.9	0.0	97	32.3	215.6 **	51.5	1.0	98					
GREAT LAKES 5015STXRIB	100	P500	1,2,3,6	26.2	207.6 *	52.9	0.3	100	23.9	204.7	53.3	0.0	100	28.5	210.6 *	52.5	0.6	100					
GREAT LAKES 5283STXRIB	102	P500	1,2,3,6	29.2	212.5 *	52.6	0.4	99	25.4	211.1 *	52.9	0.0	99	33.0	213.9 *	52.2	0.7	99					
HYLAND SEEDS 8505RA	101	P250	1,2,3,4,6	31.8	199.6	52.6	1.1	100	26.0	208.4 *	53.9	0.7	100	37.7	190.7	51.4	1.4	100					
MYCOGEN 2Y479	98	C250	1,2,3,4,6	28.6	190.3	52.8	2.2	100	25.1	189.3	53.0	3.0	100	32.2	191.3	52.6	1.4	100					
NuTech/G2 GENETICS 5H-502™	102	P500	1,2,4	28.6	211.5 *	53.2	1.0	98	24.4	216.2 **	54.4	0.0	100	32.9	206.8 *	52.0	2.0	97					
NuTech/G2 GENETICS 5X-698™	98	P500	1,2,3,4	25.8	194.6	53.4	0.0	98	22.7	202.1	54.6	0.0	99	29.0	187.0	52.2	0.0	97					
PIONEER P0216AM	102	P1250	1,2,3,4,6	28.7	212.7 **	52.5	1.5	99	25.1	210.8 *	53.5	0.0	99	32.3	214.6 *	51.4	3.1	99					
AVERAGE				28.4	202.5	52.9	1.8	99	24.7	201.5	53.6	0.5	100	32.1	203.5	52.1	3.1	99					
HIGHEST				31.8	212.7	53.9	9.2	101	26.0	216.2	54.6	3.0	101	37.7	215.6	53.7	16.1	100					
LOWEST				25.8	190.3	51.8	0.0	98	22.7	182.6	52.0	0.0	97	28.5	186.9	51.4	0.0	97					
CV (%)				5.7	7.4	2.3	623.0	3.0	3.8	7.3	2.8	541.1	4.0	6.5	7.2	1.7	508.3	2.0					
LSD (5%)				1.0	8.1	0.7	3.7	2.0	0.8	11.2	1.2	1.3	3.0	1.9	11.2	0.7	7.3	2.0					

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

TABLE 4. GRAND TRAVERSE, IOSCO & MENOMINEE (LATE) COUNTY GRAIN TRIALS (96 Day and Earlier) ZONE 4

2014				Grand Traverse - Early					Iosco - Early					Menominee - Late				
BRAND / HYBRID	RM	TRT	TRAIT	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd
DAIRYLAND SEED DS-9487RA	87	C250	1,2,3,4,6						23.5	214.0	51.5	0.0	99					
DAIRYLAND SEED DS-9694RA	94	C250	1,2,3,4,6			Dropped			24.4	191.7	50.1	0.0	99			Not Harvested		
DAIRYLAND SEED DS-9791RA	91	C250	1,2,3,4,6						24.3	200.5	50.5	0.0	100			Due to Early Frost		
DEKALB DKC38-03 GENVT2PRIB	88	P500	1,2						23.8	220.7 *	52.5	0.0	100					
DEKALB DKC39-07 GENVT2PRIB	89	P500	1,2						23.4	222.0 *	51.2	0.0	100					
DEKALB DKC41-32 GENSSRIB	91	P500	1,2,3,4,6						24.4	206.0	52.0	0.0	98					
DEKALB DKC43-10 GENVT2PRIB	93	P500	1,2						24.5	214.9	51.0	0.0	100					
DEKALB DKC44-13 GENSSRIB	94	P500	1,2,3,4,6						23.4	213.7	52.5	0.0	100					
DYNAGRO D25VC45	85	P500	1,2						23.4	221.2 *	52.4	0.0	99					
DYNAGRO D29VC30	89	P500	1,2						23.2	207.4	51.7	0.0	100					
DYNAGRO D32VC56	92	P500	1,2						23.9	218.0 *	52.8	0.0	100					
GREAT LAKES 3847VT2RIB	88	P500	1,2						22.7	214.4	52.7	0.0	99					
GREAT LAKES 4006VT2RIB	90	P500	1,2						23.2	213.3	52.9	0.0	100					
GREAT LAKES 4250STX	92	P500	1,2,3,6						23.5	228.4 *	50.7	0.0	100					
GREAT LAKES 4699VT3PRIB	96	P500	1,2,3						24.5	225.7 *	52.3	0.0	99					
HYLAND SEEDS 8105RA	80	C250	1,2,3,4,6						23.4	185.4	52.8	0.0	100					
HYLAND SEEDS 8201RA	84	P250	1,2,3,4,6						23.3	207.0	52.6	0.0	100					
HYLAND SEEDS 8202RA	89	P250	1,2,3,4,6						23.1	209.8	51.4	0.0	100					
HYLAND SEEDS 8305RA	90	C250	1,2,3,4,6						25.2	200.6	51.6	0.0	99					
LEGACY SEEDS L-3022 GENSS RI	92	P500	1,2,3,4,6						23.8	230.8 *	52.9	0.0	100					
LEGACY SEEDS L-3423 GENSS RI	94	P500	1,2,3,4,6						24.0	226.8 *	51.6	0.0	97					
LEGEND 9492 VT2 Pro RIB	92	C250	1,2						23.9	218.8 *	53.7	0.0	100					
LEGEND 95A89 GTCBLL	89	C250	1,2,4						24.1	230.9 **	52.6	0.0	100					
MYCOGEN 2J238	86	C250	1,2,3,4,6						23.7	219.1 *	51.6	0.0	100					
MYCOGEN 2V357	93	C250	1,2,3,4,6						24.5	219.8 *	51.6	0.0	100					
NuTech 5V-195™	95	C500	1,2,3,4						23.7	221.4 *	50.5	0.0	100					
NuTech/G2 GENETICS 5F-295™	95	P500	1,2,4						22.7	210.9	52.1	0.0	100					
NuTech/G2 GENETICS 5X-894™	94	P500	1,2,3,4						24.9	202.3	51.4	0.0	99					
NuTech/G2 GENETICS 5Y-196™	96	P1250	1,2,3,4						24.8	220.7 *	49.8	0.6	100					
AVERAGE									23.8	214.3	51.8	0.0	100					
HIGHEST									25.2	230.9	53.7	0.6	100					
LOWEST									22.7	185.4	49.8	0.0	97					
CV (%)									3.1	5.4	1.7	1077.0	1.0					
LSD (5%)									0.9	13.6	1.1	0.2	2.0					

2 Year Averages 2014 - 2013				Grand Traverse - Early					Iosco - Early					Menominee - Late				
BRAND / HYBRID	RM	TRT	TRAIT	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd
DAIRYLAND SEED DS-9487RA	87	C250	1,2,3,4,6						22.0	199.4	53.1	0.3	100					
DAIRYLAND SEED DS-9791RA	91	C250	1,2,3,4,6						24.0	190.7	52.4	0.0	98					
DEKALB DKC41-32 GENSSRIB	91	P500	1,2,3,4,6						22.9	205.1 *	54.4	0.2	98					
DEKALB DKC43-10 GENVT2PRIB	93	P500	1,2						22.5	207.1 *	52.5	0.3	99					
GREAT LAKES 4006VT2RIB	90	P500	1,2						23.1	205.2 *	53.6	0.0	96					
HYLAND SEEDS 8201RA	84	P250	1,2,3,4,6						21.0	196.4	54.6	0.1	99					
HYLAND SEEDS 8202RA	89	P250	1,2,3,4,6						22.6	201.0 *	52.9	0.3	98					

MYCOGEN 2J238	86	C250	1,2,3,4,6	22.6	206.4 *	52.6	0.0	99	22.6	202.2	53.2	0.2	98
NuTech/G2 GENETICS 5X-894™	94	P500	1,2,3,4	22.5	208.4 **	52.9	0.7	97	24.0	208.4	54.6	0.7	100
AVERAGE									21.0	190.7	52.4	0.0	96
HIGHEST									3.8	4.8	1.6	1058.0	4.0
LOWEST									0.7	8.2	0.7	1.0	3.0
CV (%)													
LSD (5%)													

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

CODES NUMBERS FOR HYBRID TRAITS

Code Num.	Traits & Resistant Events
1	Glyphosate
2	European Corn Borer
3	Corn Rootworm
4	Liberty Link
5	Clearfield, IMI, IT, IR
6	Western Bean Cutworm
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	

2014
FUNGICIDE EFFECTS ON MICHIGAN CORN PERFORMANCE

A.M. Byrne and M.I. Chilvers
Department of Plant, Soil, and Microbial Sciences
Michigan State University

Plots were established at two Michigan sites: Coleman, Midland County and East Lansing, Ingham County. Experimental design was a randomized complete block. All plots were planted at 30 in. row spacing and were four rows wide; plot length was 50 ft in Coleman and 40 ft in East Lansing. At Coleman, corn variety DKC38-04RIB was planted on 27 May, with seven treatments and six replicates; fungicides were applied on 27 June (V7) and 30 July (VT). At East Lansing, corn variety NuTech 5V197 was planted on 29 May, with 17 treatments and five replicates; fungicides were applied on 27 June (V6), 9 July (V8), and 6 Aug. (VT). Fungicides were applied with a hand-held spray boom pressurized with CO2 at 40 psi. The boom consisted of six nozzles (Teejet 11001VS) spaced 20 in. apart and was calibrated to apply 15 gal/A. Common rust, gray leaf spot, and northern leaf blight severities were assessed by estimating the percent leaf area with lesions on the ear leaves from 20 plants/plot; ratings were conducted on 25-26 Sept. (East Lansing) and 29 Sept. (Coleman). A disease index (DIX) that accounted for both severity (DS) and incidence (DI) was calculated for each disease: DIX = DI*(DS/100). All assessment and harvest data were collected from the center two rows of each plot. Plots were harvested on 26 Oct (Coleman) and 12 & 14 Oct (East Lansing). Yields were adjusted to 15.5 percent moisture. Data were analyzed using SAS 9.3 PROC MIXED method (SAS Institute, Cary, NC).

Overall disease incidence was low at both sites. Significant reduction of gray leaf spot disease index was noted at both sites, when compared to the untreated controls. In general, the VT applications provided the greatest disease reduction. At East Lansing, Priaxor, Fortix, Headline AMP, and Domark 203 ME all at VT, as well as Priaxor at V6+VT, all significantly reduced gray leaf spot index, as compared to the untreated control. At Coleman, most treatments significantly lowered rust and northern leaf blight DIX values, compared to the untreated, but no significant reductions were noted in East Lansing. No significant yield differences were found at either site and no phytotoxicity of the tested products was noted.

		East Lansing				Coleman[z]			
	Plant	DIX values			Yield	DIX values			Yield
Treatment, rate/A	Stage	Rust	GLS	NLB	(bu/A)	Rust	GLS	NLB	(bu/A)
Untreated		0.36	0.84 abc[y]	1.21 bcde	177.957	0.83 a	0.90 a	1.27 a	130.131
Priaxor, 8 fl oz	V6	0.16	0.84 ab	2.37 a	168.657	0.52 b	0.53 cd	0.13 d	163.528
Priaxor, 8 fl oz	VT	0.29	0.42 g	0.91 bcde	174.079	0.34 bc	0.47 d	0.20 cd	144.531
Priaxor, 8 fl oz	V6 & VT	0.21	0.43 g	1.04 bcde	164.428	0.94 a	0.92 a	1.35 a	120.430
Stratego YLD, 5 fl oz	V6	0.32	0.81 abcd	1.50 abc	171.725	0.28 bc	0.70 bc	0.29 c	152.511
Stratego YLD, 5 fl oz	VT	0.11	0.72 bcdef	1.36 abcd	177.272	0.16 c	0.75 ab	0.31 cd	161.912
Stratego YLD, 5 fl oz	V6 & VT	0.06	0.75 abcde	1.14 bcde	153.692	0.88 a	0.89 a	0.67 b	130.966
Fortix, 5 fl oz + Glyfos X-tra, 32 fl oz[x]	V6	0.15	0.85 abc	1.80 ab	163.077				
Headline AMP, 10 fl oz + Glyfos X-tra, 32 fl oz[x]	V6	0.20	0.88 a	1.57 abc	173.394				
Fortix, 5 fl oz[x]	V8	0.21	0.65 def	0.77 cde	180.830				
Headline AMP, 10 fl oz[x]	V8	0.15	0.83 abc	1.45 abc	169.454				
Fortix, 4 fl oz[x]	VT	0.14	0.60 fg	0.27 e	155.543				
Fortix, 5 fl oz[x]	VT	0.16	0.63 efg	0.38 de	187.246				
Headline AMP, 10 fl oz[x]	VT	0.24	0.66 ef	0.40 de	170.223				
Glyfos X-tra, 32 fl oz[x]	V6	0.20	0.85 ab	1.36 abcd	181.518				
Affiance, 10 fl oz	VT	0.21	0.70 cdef	0.93 bcde	177.914				
Domark 230 ME, 4 fl oz	VT	0.19	0.63 efg	0.66 cde	168.657				
P-value		0.2099	<0.0001	0.0106	0.3338	<0.0001	<0.0001	<0.0001	0.1713

[z] V6 applications were made at V7, not V6.
[y] Column numbers followed by the different letters are significantly different at P=0.05, as determined by least square means comparison.
[x] Treatments applied with Induce at 0.25% v/v.

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	WASHTENAW	May 30	Nov 26	Wheat	35,244	35,068	176-9-3
	BRANCH	May 19	Nov 16	Corn	35,244	34,187	217-9-3
	CASS	May 11	Nov 12	Corn	35,244	34,539	281-9-3
Zone 2	ALLEGAN	May 23	Nov 10	Soybeans	35,244	34,891	124-9-3 + chicken manure
	INGHAM	May 26	Nov 17	Soybeans	35,244	34,715	186-9-3
	INGHAM CONV.	May 27	Nov 15	Soybeans	35,244	33,689	155-9-3
	SAGINAW & CONV.	June 9	Nov 19	Soybeans	35,244	35,068 35,421 Conv	154-9-3
Zone 3	HURON & Conv.	May 29	Nov 20	Corn	35,244	34,891	124-9-3
	MONTCALM & CONV.	June 10	Dropped	Frost	Maturity	GDU -287	Not harvestable
	MASON	May 25	Nov 30	Corn	35,244	34,891	21-9-3 + pig manure
	IOSCO	May 28	Nov 21	Corn	35,244	35,244	159-9-3
Zone 4	GRAND TRAVERSE	May 28	Dropped				
	MENOMINEE	June 6	Dropped	Frost			Not harvestable
Z5	DELTA	June 5	Dropped	Frost			Not harvestable

	COUNTY	SOIL TYPE	SOIL TEST	FARM COOPERATOR	LOCATION
Zone 1	WASHTENAW	Morley loam 2-6% slopes	pH6.7, P41.5, K150.5	Mathew Talladay	Milan
	BRANCH	Elmdale fine sandy loam 2-6% slopes	pH7.05, P73, K70.5	Kyle Huff	Coldwater
	CASS	Kalamazoo loam 0-2% slopes	pH6.3, P27.5, K228.5	George Brossman	Vandalia
Zone 2	ALLEGAN	Ockley loam 1-6% slopes	pH6.3,P85, K185.5	Jim & John Schipper	Martin
	INGHAM	Capac loam 0-3% slopes	pH5.85,P64, K212	Jorgensen Farms Jerry Jorgensen & Mike Turner	Williamston
	INGHAM CONV.	Capac loam 0-6% slopes	pH6.4, P81.5 K126	Crop, Soil & Microbial Sciences Research Facility, MSU	Lansing
	SAGINAW & Conv.	Parkhill loam 0-3% slopes	pH6.65, P62, K124	Fred Gross Farms Peggy Gross & Dick Birchmeier	New Lothrop
Zone 3	HURON & Conv.	Kilmanagh loam	pH6.35,P95.5 K138.5	Wil-Le Farms Ron & Ed McCrea	Bad Axe
	MONTCALM	Dropped 2014 Not harvestable	Frost Maturity	Sackett Farms Larry Sackett	Stanton
	MASON	Fine Marlette Complex 0-6% slopes	pH6.35,P133.5, K227.5	Robert Oshe Jacob Zwagerman	Scottville
Zone 4	IOSCO	Kawkawlin sany loam 0-4% slopes	pH62,P32.5, K92	Jeremy Beebe	Whittemore
	GRAND TRAVERSE	Karlin sandy loam 2-12% slopes	pH5.9, P56.5 K184.5	Ed Breitmeyer	Buckley
	MENOMINEE	Dropped 2014 Not harvestable	Snow	Johnson Dairy Farm Dave Johnson	Daggett
Z5	DELTA	Dropped 2014 Not harvestable	Snow	VanDrese Farms	Cornell

TABLE 6E. INGHAM, MONTCALM & SAGINAW COUNTY CONVENTIONAL GRAIN TRIALS - EARLY (101 Day and Earlier) ZONE 2 - 3

2014				Early - TRIAL AVERAGE					Ingham - Early					Montcalm - Early					Saginaw - Early				
BRAND / HYBRID	RM	TRT	TRAIT	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd
GREAT LAKES 4006	90	P500	Conv.	21.5	182.7	66.1	0.0	97	17.6	195.1	82.4	0.0	94						25.5	170.4	49.8	0.0	100
GREAT LAKES 4699	96	P500	Conv.	22.6	195.8 *	51.8	0.0	97	19.2	203.5	54.2	0.0	95		Not Harvested				25.9	188.0	49.4	0.0	100
GREAT LAKES 4879	98	P500	Conv.	23.3	196.0 *	51.4	0.4	99	19.5	214.2 *	54.7	0.8	98		Due to frost				27.1	177.8	48.0	0.0	100
M&W SEEDS 45A37	100	C250	Conv.	23.6	202.7 **	52.8	0.0	90	21.6	211.7 *	54.5	0.0	83		-287 GDU				25.5	193.7 *	51.1	0.0	97
M&W SEEDS 46G54	98	C250	Conv.	25.1	180.0	51.5	0.7	96	23.0	192.1	53.7	1.4	91						27.1	168.0	49.3	0.0	100
RUPP XRA00-14	100	C250	Conv.	23.3	202.7 **	51.7	0.2	97	21.8	221.4 **	53.6	0.3	94						24.7	184.1	49.8	0.0	100
RUPP XRA94-16	94	C250	Conv.	21.6	195.6 *	51.8	0.0	97	17.4	204.6	54.5	0.0	95						25.8	186.6	49.2	0.0	99
RUPP XRA98-58	98	C250	Conv.	24.5	184.0	51.1	0.0	97	22.2	188.5	53.2	0.0	94						26.8	179.5	49.0	0.0	100
SPECTRUM 4655	96		Conv.	23.7	191.2	51.3	0.0	96	21.0	191.1	52.7	0.0	92						26.5	191.3 *	49.9	0.0	100
STEYER 9801	98	C250	Conv.	23.5	194.4 *	51.3	0.0	96	22.3	190.5	52.1	0.0	92						24.7	198.3 **	50.5	0.0	100
STEYER 9802	98	C250	Conv.	24.8	189.2	50.5	0.0	95	22.6	190.8	51.7	0.0	89						27.1	187.6	49.3	0.0	100
AVERAGE				23.4	192.2	52.8	0.1	96	20.7	200.3	56.1	0.2	92						26.1	184.1	49.6	0.0	100
HIGHEST				25.1	202.7	66.1	0.7	99	23.0	221.4	82.4	1.4	98						27.1	198.3	51.1	0.0	100
LOWEST				21.5	180.0	50.5	0.0	90	17.4	188.5	51.7	0.0	83						24.7	168.0	48.0	0.0	97
CV (%)				4.7	5.2	3.2	627.1	3.0	6.0	5.9	5.4	443.4	4.0						3.5	4.3	1.3	0.0	1.0
LSD (5%)				0.9	8.3	1.4	0.6	2.0	1.5	14.2	3.6	1.2	5.0						1.1	9.5	0.8	0.0	1.0

2 Year Averages 2014 - 2013				Early - TRIAL AVERAGE					Ingham - Early					Montcalm - Early					Saginaw - Early				
BRAND / HYBRID	RM	TRT	TRAIT	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd
RUPP XRA98-58	98	C250	Conv.	22.8	209.2	54.5	11.3	97	22.1	213.3	55.3	22.7	95						23.5	205.0	53.7	0.0	100

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

TABLE 6L. INGHAM, MONTCALM & SAGINAW COUNTY CONVENTIONAL GRAIN TRIALS - LATE (102 Day and Later) ZONE 2 - 3

2014				Late - TRIAL AVERAGE					Ingham - Late					Montcalm - Late					Saginaw - Late				
BRAND / HYBRID	RM	TRT	TRAIT	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd
GREAT LAKES 5283	102	P500	Conv.	23.9	211.4	51.0	2.1	95	22.0	227.1 *	51.8	4.2	90						25.7	195.6	50.2	0.0	100
GREAT LAKES 5785	107	P500	Conv.	27.9	183.8	49.4	9.3	96	28.6	182.7	49.5	18.6	92		Not Harvested				27.1	185.0	49.4	0.0	99
KEY 305	105	ENC	Conv.	26.8	172.3	48.9	55.7	85	27.1	170.2	50.3	111.4	71		Due to frost				26.4	174.4	47.5	0.0	100
KEY 401	101	ENC	Conv.	24.1	196.0	53.9	0.0	97	21.9	211.2	57.1	0.0	95		-287 GDU				26.3	180.8	50.8	0.0	100
M&W SEEDS 44G44	105	C250	Conv.	25.7	191.6	51.9	0.3	95	25.7	204.8	53.0	0.6	91						25.7	178.4	50.9	0.0	99
M&W SEEDS 45M79	102	C250	Conv.	22.4	187.8	51.0	0.0	96	18.8	188.9	53.1	0.0	92						26.1	186.8	48.9	0.0	100
SPECTRUM 5285	102		Conv.	23.9	189.7	50.6	0.2	96	21.8	195.7	52.3	0.3	92						26.0	183.7	48.9	0.0	100
STEYER 10102	101	C250	Conv.	23.9	192.2	53.1	0.0	91	21.4	196.6	54.8	0.0	88						26.4	187.9	51.4	0.0	93
WELLMAN W2408	108	ENC	Conv.	25.3	222.8 **	52.9	3.4	96	25.6	232.5 **	54.2	6.8	94						25.1	213.1 **	51.6	0.0	99
AVERAGE				24.9	194.2	51.4	7.9	94	23.7	201.1	52.9	15.8	89						26.1	187.3	49.9	0.0	99
HIGHEST				27.9	222.8	53.9	55.7	97	28.6	232.5	57.1	111.4	95						27.1	213.1	51.6	0.0	100
LOWEST				22.4	172.3	48.9	0.0	85	18.8	170.2	49.5	0.0	71						25.1	174.4	47.5	0.0	93
CV (%)				5.2	6.2	3.0	537.9	10.0	6.8	6.7	4.0	380.4	14.0						3.3	5.4	1.5	0.0	2.0
LSD (5%)				1.1	10.0	1.3	35.6	8.0	1.9	16.6	2.5	72.5	15.0						1.0	12.3	0.9	0.0	3.0

2 Year Averages 2014 - 2013				Late - TRIAL AVERAGE					Ingham - Late					Montcalm - Late					Saginaw - Late				
BRAND / HYBRID	RM	TRT	TRAIT	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd
GREAT LAKES 5283	102	P500	Conv.	22.5	223.8 *	55.9	1.6	97	22.2	233.1 *	54.5	3.2	95						22.8	214.6 *	57.3	0.0	100
WELLMAN W2408	108	ENC	Conv.	24.1	228.3 **	55.5	1.7	98	24.7	237.8 **	55.4	3.4	97						23.5	218.9 **	55.7	0.0	100
AVERAGE				23.3	226.1	55.7	1.7	98	23.5	219.3	54.9	25.0	96						23.2	216.7	56.5	0.0	100
CV (%)				5.0	6.6	2.9	465.3	7.0	5.3	7.1	2.8	305.6	10.0						4.6	5.6	3.0	0.0	2.0
LSD (5%)				0.7	7.7	0.9	17.9	4.0	1.1	12.5	1.3	36.1	8.0						1.0	9.1	1.3	0.0	2.0

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

HYBRID INDEX FOR GRAIN TRIALS

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Delta
Menominee - Early
Trial Average

CONVENTIONAL TRIAL
Tables 6E/6L
Ingham - Zone 2
Montcalm - Zone 3
Saginaw - Zone 2
Trial Average

B BRAND / HYBRID	RM	TABLE
AGRIGOLD		
A6252STXRIB	100	2E
A6257STXRIB	100	2E
A6267STXRIB	102	2L
A6351STX	105	2L
~ A6408VT3PRIB	107	1E
~ A6416STXRIB	107	1E
A6472VT3PRIB	110	1L
A6499STXRIB	112	1L
BECK		
XL 4721AM™*	97	2E
XL 4321AM™*	99	2E
XL 5234AMX™*	102	2L
5131AM™*	105	1E,2L
5140HR™*	105	1E,2L
5475AM™*	108	1L
5852D2	108	1L
XL EX1420CYXR™*	109	1L
5828AM™*	110	1L
CHANNEL		
197-68STXRIB	97	2E,3E
202-64STXRIB	102	1E
~ 202-32STXRIB	104	1E
CROPLAN		
3399SS/RIB	93	2E,3E
3499VT3P	94	2E,3E
3611SS/RIB	96	2E,3E
3899VT2P	96	2E,3E
3533 VP2PRIB	97	2E,3E
~ 4099SS/RIB	99	2E,3L
4975VT3P	102	2L,3L
4276SS/RIB	102	2L,3L
4822VT2P/RIB	103	2L,3L
~ 5369SS/RIB	104	2L,3L
DAIRYLAND SEED		
DS-9487RA	87	3E,4
DS-9791RA	91	3E,4
DS-9694RA	94	3E,4
DS-9900SSX	100	2E,3L
~ Hi DF-3702-9	104	1E,2L,3L
DS-6805	105	1E,2L
DS-6905	105	1E,2L
DS-9305RA	105	1E,2L
DS-9307SSX	107	1E
DS-6409	109	1L
DEKALB		
DKC36-30 GENVT2PRIB	86	5
DKC38-03 GENVT2PRIB	88	4,5
DKC39-07 GENVT2PRIB	89	4,5
DKC41-32 GENSSRIB	91	4,5
DKC43-10 GENVT2PRIB	93	3E,4,5
DKC44-13 GENSSRIB	94	3E,4
DKC45-65 GENSSRIB	95	2E,3E
DKC46-20 GENVT3PRIB	96	2E,3E

BRAND / HYBRID	RM	TABLE
DEKALB Continued		
DKC46-36 GENSSRIB	96	2E,3E
DKC47-35 GENSSRIB	97	2E,3E
DKC48-12 GENSSRIB	98	2E,3L
DKC49-72 GENSSRIB	99	2E,3L
DKC50-84 GENVT2PRIB	100	2E,3L
DKC52-84 GENSSRIB	102	1E,2L,3L
DKC53-56 GENSSRIB	103	1E,2L
DKC54-38 GENSSRIB	104	1E,2L
DKC55-20 GENSSRIB	105	1E
DKC57-75 GENSSRIB	107	1E
DKC57-92 GENSSRIB	107	1E
DKC60-67 GENSSRIB	110	1L
DKC62-08 GENSSRIB	112	1L
DKC62-77 GENSSRIB	112	1L
DYNAGRO		
D25VC45	85	4,5
D29VC30	89	2E,3E,4,5
D32VC56	92	3E,4
D34VP52	94	3E
D37SS60	97	2E,3E
D38SS50	98	3L
D39VP14	99	2E,3L
~ D40SS48	100	2E,3L
D41SS71	101	3L
D42SS42	102	2L,3L
D43VC50	103	1E,2L,3L
~ D46SS46	106	1E,2L
D48SS38	108	1L,2L
~ D50SS43	110	1L
GOLDEN HARVEST		
G88M78-3011A	88	3E
~ G92T43-3111	92	3E
G95D32-3110	95	3E
G96A69-3220	96	2E
G99Z33-3111A	99	2E
~ SI4282-3110	100	2E
~ G01P52-3011A	101	2E
~ G05T82-3122	105	1E
G07F23-3111	107	1E
~ G07V88-3000GT	107	1E
~ G09E98-3000GT	109	1L
~ G12J11-3011A	112	1L
GREAT LAKES		
3510VT2RIB	85	5
3847VT2RIB	88	4,5
4006VT2RIB	90	4,5
4006	90	6E
~ 4250STX	92	3E,4,5
4699	96	6E
4699VT3PRIB	96	3E,4
~ 4879STXRIB	98	2E,3L
4879	98	6E

BRAND / HYBRID	RM	TABLE
GREAT LAKES Continued		
~ 5015STXRIB	100	2E,3L
~ 5283STXRIB	102	1E,2L,3L
5283	102	6L
5428STXRIB	104	1E,2L
~ 5566STX	105	1E,2L
5688STXRIB	106	1E,2L
~ 5755STXRIB	107	1E,2L
5785	107	6L
~ 5918STX	109	1L
~ 6068STXRIB	110	1L
HYLAND SEEDS		
8105RA	80	4,5
8201RA	84	4,5
8202RA	89	3E,4,5
8305RA	90	3E,4
8315RA	92	3E
4398	96	3E
4425	98	2E,3L
8445RA	99	2E,3L
8450RA	100	2E
~ 8505RA	101	2E,3L
5510	101	2E,3L
5597	105	1E,2L
8598RA	106	1E,2L
~ 8695RA	110	1L
8680	110	1L
~ 4687	110	1L
KEY		
401	101	6L
305	105	6L
305G	105	1E
509G	109	1L
LEGACY SEEDS		
L-3043 VT2P RIB	92	3E
L-3022 GENSS RIB	92	4
L-3423 GENSS RIB	94	3E,4
L-3612 VT3P	96	2E,3E
L-3813 GENSS RIB	97	2E
L-3844 GENSS	98	2E,3L
L-4343 GENSS RIB	101	2E,3L
L-5522 VT3P RIB	104	2L
L-6913 GENSS RIB	108	1L
L-6943 GENSS RIB	109	1L
LEGEND		
X83 RR	83	5
JSC 40J185 GT	85	5
9386 VT3 Pro RIB	86	5
95A89 GTCBLL	89	4,5
9090 VIP 3110	92	5
9492 VT2 Pro RIB	92	4,5
9495 VT3 Pro RIB	95	3E

BRAND / HYBRID	RM	TABLE
LEGEND Continued		
9497 GENSS RIB	97	3E
94A01 GTA	101	2E
40J01 RR	101	2E
9402 GENSS RIB	103	2L
M&W SEEDS		
47M34	92	3E
47J66	92	1E,2L
47R91	95	2E,3E
46T80	96	2E
46J11	96	2E
46G54	98	6E
45A37	100	6E
45A38	101	1E,2E
45M80	102	1E,2L
45M79	102	6L
45J99	104	1E,2L
44G44	105	6L
44D82	108	1L
MYCOGEN		
2J238	86	4,5
X12302XR	88	5
2V357	93	4
2Y479	98	3L
X14402S3	99	3L
X13526VX	103	2L
2G581	105	2L
X12546S2	108	1L
2V709	110	1L
NK Brand		
N23M-3011A	88	3E
~ N29T-3111 Brand	92	3E
N36A-3220	96	3E
N37R-3110	97	2E
N42Z-3111A	99	2E
~ N45P-3011A	101	2E
~ N53W-3122	105	2L
N58S-3111	106	1E
~ N61P-3000GT Brand	107	1E
N60F-3111	107	2L
~ N63R-3000GT Brand	109	1L
~ N70J-3011A	112	1L
NuTech		
~ 5B-290™	90	5
~ 5V-195™	95	3E,4
NuTech/G2 GENETICS		
5F-091™	91	5
~ 5X-894™	94	3E,4,5
5F-295™	95	3E,4
~ 5Y-196™	96	3E,4
5X-698™	98	2E,3L
~ 5F-198™	98	2E,3L
~ 5F-399™	99	2E,3L
5F-200™	100	2E,3L
5Z-0106™	101	2E,3L
~ 5H-502™	102	2L,3L
~ 5L-802™	102	2L,3L
5Z-002™	102	2L,3L
~ 5H-905™	105	1E,2L
~ 5F-805™	105	1E,2L
~ 5H-806™	106	1E,2L

BRAND / HYBRID	RM	TABLE
NuTech/G2 GENETICS Continued		
5Z-707™	107	1E
5F-008™	108	1L
~ 5Z-0801™	108	1L
~ 5F-709™	109	1L
~ 5D-109™	109	1L
5Z-0906™	109	1L
PIONEER		
P9188AMX	91	5
P9329AM	93	5
~ P9789AMXT	97	3E,5
P9807AM	98	2E,3L
P0157AM	101	1E,2E,3L
P0216AM	102	1E,2L,3L
P0419AMX	104	1E,2L
~ P0506AM	105	1E,2L
P0604AM	106	1E
P0909AM	109	1L
RENK		
RK299VT2P	89	3E
RK522SSTX	94	3E
RK568VT3P	95	3E
RK557SSTX	95	3E
RK596SSTX	98	2E,3L
RK581SSTX	100	2E
RK605SSTX	100	2E
RK666SSTX	102	2L
RK699SSTX	105	1E,2L
RK752SSTX	105	1E,2L
~ RK712SSTX	106	1E,2L
RK776SSTX	107	1E
RK791SSTX	109	1L
RK834SSTX	110	1L
RUPP		
XRD90-64	90	3E
XRT94-06	94	2E,3E
XRA94-16	94	6E
XRD97-56	97	2E,3E
XRJ97-17	97	2E,3E
XRA98-58	98	6E
XRD99-30	99	2E
XR8414	100	2E
XRA00-14	100	6E
XRJ03-31	103	1E,2L
XR8239	103	1E
XR8034	105	1E
XRD05-04	105	1E
XRJ07-20	107	1E
XRJ10-91	110	1L
XRD11-13	111	1L
SEED CONSULTANTS		
SCS 10HQ34™	103	1E
SCS 10HR43™	104	1E
SCS 1074AMX-R™	108	1L
SCS 1094AM-R™	109	1L

BRAND / HYBRID	RM	TABLE
SELECT		
3829 VP RIB	103	1E
4746 DP RIB	107	1E
4823 SM RIB	108	1L
4995 SM RIB	110	1L
5186 SM RIB	111	1L
SPECIALTY		
24A104	94	2E
42R32GENVT3P	96	2E
29A263	99	2E
32A323	102	1E,2L
~ 34A413	104	1E,2L
~ 36A794	106	1E,2L
38A573	108	1L
SPECTRUM		
~ 4655	96	6E
5285	102	6L
STEYER		
9203 VT2PRORIBC	92	2E,3E
9603 VT2PRORIBC	96	2E,3E
9802	98	6E
9801	98	6E
~ 10102 VT2PRORIBC	101	1E,2E
10102	101	6L
11004 VT2PRORIBC	110	1L
UNITY SEEDS		
5601 SS-RIB	101	2E
7505 3122	105	1E,2L
5608 SS-RIB	108	1L,2L
7811 3000GT	111	1L
5512 SS-RIB	112	1L
WELLMAN		
W2401DP	101	1E
W2404DP	104	1E
W2307DP	107	1E
W2408	108	6L
W2409S	109	1L

~ Denotes hybrids that were entered into the Grain and Silage Trials.

2014
SILAGE PERFORMANCE TRIALS

Introduction

The silage index (pg. 33) contains a list of all hybrids planted in the 2014 silage trials.

County results are reported in the following tables:

Tables 7E/7L Zone 1 - Branch, Lenawee and Wood, OH
Tables 8E/8L Zone 2/3 – Ottawa, Huron (Zone 3) and Ingham
Table 9 Zone 4 – Iosco, Menominee (dropped 2014), and Osceola
Table 10 Zone 5 – Alger (dropped 2014), Delta and Menominee (dropped 2014)

The map of Michigan (pg. 31) shows each zone and the locations where the trials were located.

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. 32)

Zones 1 and zone 2/3 were divided into two maturity groups (designated early and late) on the basis of the relative maturity (RM) submitted by the companies with results listed in separate tables. Zones 1 and zone 2/3 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, quality and data analysis.

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 applied to calculate green tons per acre (**GT/A**). Sub samples of fodder including 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**) is calculated mathematically by multiplying **GT/A** by **%DM**. The samples were ground using a 1.0 mm screen before conducting quality analysis using Near Infrared Reflectance (NIR) to predict quality components.

Silage Analysis

Tables 7E, 7L, 8E, 8L, 9 and 10 provide silage quality data as determined by NIR analysis on freshly dried & ground samples. Data is provided for individual locations and also averaged over multiple locations. Near infrared spectral analysis involves irradiating the 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 was correlated statistically with the updated 2014 Near-infrared Spectroscopy (NIRS), equation established for silage quality levels. A discripton of the the six quality traits that are presented in the silage tables are listed below:

1. **IVD= (in vitro) digestible dry matter-48hr.** 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-48hr.** 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.

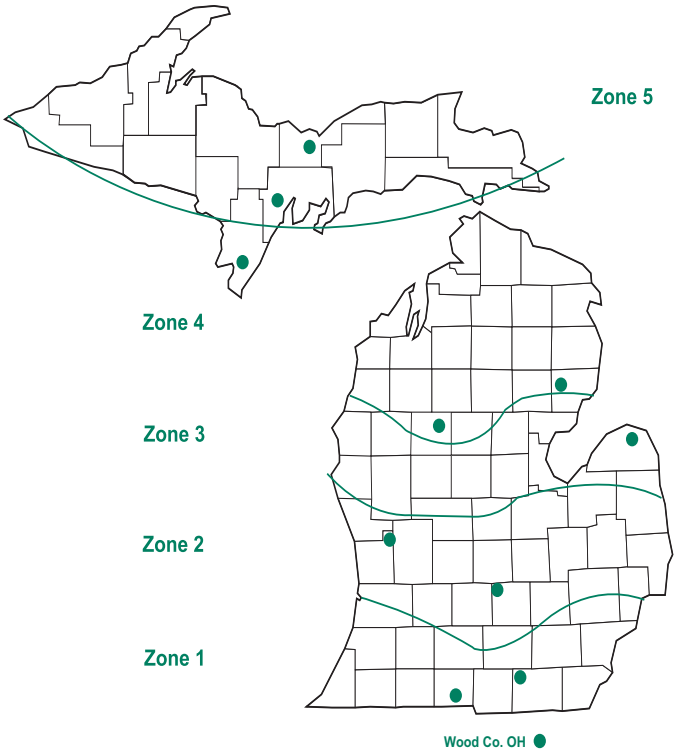
Silage quality traits are reported on a dry matter basis (100 percent DM). Quality traits in these tables are intended for use in hybrid selection only. Analysis for the balancing of feed rations should be analyzed from hybrids grown on each individual farm.

MILK2006

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

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

2014 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 19	Sep 18 & Sep 24	Corn	35,244	34,998	217-9-3
	LENAWEE	May 30	Sept 19	Soybeans	35,244	34,719	240-9-3
	WOOD (OHIO)	May20	Sept 16	Soybeans	36,500	35,640	215-34-0
Zone 2	OTTAWA	May 23	Sep 29	Alfalfa	35,244	34,715	21-9-3 + manure
	INGHAM	May 26 & May 27	Sep 26 & Oct 7	Soybeans	35,244	34,715	155-9-3
	HURON	May 29	Oct 9 & 10	Corn	35,244	34,891	124-9-3
Zone 4	IOSCO	May 28	Oct 19	Corn	35,244	34,539	159-9-3
	OSCEOLA	June 2	Oct 22	Alfalfa	35,244	33,834	155-9-3 + manure
	MENOMINEE	June 6	Dropped	Frost/rain			Not harvestable
Z5	ALGER	June 5	Dropped	Frost			Not harvestable
	DELTA	June 5	Oct 29	Sod	35,244	34,574	157-9-3

	COUNTY	SOIL TYPE	SOIL TEST	FARM COOPERATOR	LOCATION
Zone 1	BRANCH	Elmdale fine sandy loam 2-6% Slopes	pH7.05,P73, K70.5	Kyle Huff	Coldwater
	LENAWEE	Blount loam 3-7% Slopes	pH7.2, P65 K110	Bakerland Farms Blaine Baker	Clayton
	WOOD (OHIO)	Hoytville clay loam	pH5.8 , P114, K435	OARDC Matt Davis	Hoytville, Ohio
Zone 2	OTTAWA	Ubly sandy loam 2-6% Slopes	pH 6.7, P85.5, K198	Eadie Farms Arden Eadie	Conklin
	INGHAM	Capac loam 0-3%	pH6.75, P58.5, K166	Crop & Soil Sciences Research Facility, MSU	East Lansing
	HURON	Kilmanagh loam	pH6.65,P95.5, K 138.5	Wil-Le Farms Ron & Ed McCrea	Bad Axe
Zone 4	IOSCO	Kawkawlin sandy loam 0-4% Slopes	pH6.2, P32.5, K92	Jeremy Beebe	Whittemore
	OSCEOLA	Montcalm loamy sand 0-6% Slopes	pH6.6, P55, K113	Robert E. Lee	Marion
	MENOMINEE	Dropped 2014	Excessive Rain Poor field conditions	Johnson Dairy Farm Dave Johnson	Daggett
Zone 5	ALGER	Dropped 2014	Frost	AgBio Research Station Chris Kapp	Chatham
	DELTA	Trenary fine sandy loam 2-6% Slopes	pH6.75, P20.5, K 57.5	VanDrese Farms	Cornell

SILAGE HYBRID INDEX

ZONE 1 - Tables 7E/7L
Branch
Wood (Ohio)
Trial Average

BRAND / HYBRID	RM	TABLE
AGRIGOLD		
~ A6408VT3PRIB	107	8L
~ A6416STXRIB	107	8L
A6442STXRIB	109	8L
A6458VT3PRIB	110	7E
A6533VT3PRIB	113	7L
A6559STXRIB	113	7L
CHANNEL		
~ 202-32STXRIB	104	8E
207-13VT3PRIB	107	8L
CROPLAN		
~ 4099SS/RIB	99	8E
4819AS3000/GT	103	8E
5415SS/RIB	104	8E
~ 5369SS/RIB	104	8E
5887VT3P/RIB	107	8L
DAIRYLAND SEED		
Hi DF-3188RA	88	9
Hi DF-3290-9	90	9
Hi DF-3197-7	97	8E,9
EXP-10006	100	8E,9
~ Hi DF-3702-9	104	8E,9
EXP-10509	105	7E,8L
Hi DF-3108RA	108	7E,8L
Hi DF-3510SSX	110	7E,8L
DS-9713RA	111	7L
DYNAGRO		
D35VC95	95	9
~ D40SS48	100	8E
~ D46SS46	106	8L
~ D50SS43	110	7E,8L
GOLDEN HARVEST		
~ G92T43-3111	92	9
~ SI4282-3110	100	9
~ G01P52-3011A	101	9
~ G05T82-3122	105	8L
~ G07V88-3000GT	107	8L
G08X83-3110	108	8L
~ G09E98-3000GT	109	7E,8L
~ G12J11-3011A	112	7L
GREAT LAKES		
~ 4250STX	92	10
~ 4879STXRIB	98	9,10
~ 5015STXRIB	100	8E,9,10
~ 5283STXRIB	102	8E,9
5368VT3PRIB	103	8E,9
~ 5566STX	105	7E,8L
~ 5755STXRIB	107	7E,8L
~ 5918STX	109	7E,8L
~ 6068STXRIB	110	7E,8L
6261STX	112	7L
6462STXRIB	114	7L
HYLAND SEEDS		
HLS8477	98	9
~ 8505RA	101	8E
8652RA	108	8L
~ 8695RA	110	7E
~ 4687	110	8L

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

BRAND / HYBRID	RM	TABLE
LEGACY SEEDS		
L-4433 3011A	102	8E
L-5350 3122 E-Z REFUGE	104	8E
L-5810 3000GT	106	8L
LEGEND 9507 GTCBLL	107	8L
MASTERS CHOICE		
MCT-4884	98	8E,9
MCT-5375	103	8E
MCT-527 VIP	105	9
MCT-5663	106	7E,8L
MCT-6153	111	7L
MYCOGEN		
TMF2R196	86	10
TMF2Q413	96	9,10
X12421S3	98	8E
TMF2H706	109	7E
TMF2H747	113	7L
NK Brand		
~ N29T-3111 Brand	92	9
N35T-3110	95	9
~ N45P-3011A	101	9
~ N53W-3122	105	8L
~ N61P-3000GT Brand	107	8L
N61X-3110	108	8L
~ N63R-3000GT Brand	109	7E,8L
~ N70J-3011A	112	7L
NuTech		
~ 5B-290™	90	10
~ 5V-195™	95	10
3A-496™	96	9,10
5N-803™	101	9
5N-0302™	103	9
5V-0508™	105	8L
3A-306™	106	8L
NuTech/G2 GENETICS		
~ 5X-894™	94	10
~ 5Y-196™	96	10
~ 5F-198™	98	10
~ 5F-399™	99	10
~ 5H-502™	102	9
~ 5L-802™	102	9
~ 5H-905™	105	8L
~ 5F-805™	105	8L
~ 5H-806™	106	8L
~ 5Z-0801™	108	8L
~ 5F-709™	109	8L
~ 5D-109™	109	8L
5Z-510™	110	7E
5F-811™	110	7E
5Z-111™	111	7L
3F-814™	111	7L
5F-612™	112	7L
5Z-713™	113	7L
3F-515™	115	7L
3F-515™ OH	115	7L
5H-216™	116	7L
5H-216™ OH	116	7L

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

BRAND / HYBRID	RM	TABLE
PIONEER		
~ P9789AMXT	97	9,10
P0255AMXT	102	8E,9
P0238XR	102	9,10
~ P0506AM	105	8L
P0783XR	107	8L
P1180XR	111	7L,8L
P0970AMXT	112	7L,8L
P1449XR	113	7L
P1197AM	114	7L
RENK		
RK565GTCBLLRWBL	99	8E
RK629VT3P	102	8E
~ RK712SSTX	106	7E,8L
RK743VT3PNDS	107	7E
RK809GTCBLLRW	110	7E
RK858VT3P	112	7L
SEED CONSULTANTS		
SCS 11HR21™	113	7L
SCS 11HR63™	116	7L
SPECIALTY		
~ 34A413	104	8E
~ 36A794	106	8L
46R02GENVT2P	109	8L
SPECTRUM		
~ 4655	96	9,10
5045	100	9,10
STEYER		
~ 10102 VT2PRORIBC	101	8E
10901 GENSS	109	7E
11407VT3PRO	114	7L
T. A. SEEDS		
TA477-31	97	8E
TA545-20	104	8E
TA583-22DPRIB	108	7E,8L
TA108-18	108	7E,8L
TA625-31	110	7E,8L
TA683-13VPRIB	112	7L
TA765-30	115	7L
TA774-22 DPRIB	116	7L
TA780-13VPRIB	116	7L
WELLMAN		
W2513DP	110	7E
WOLF RIVER VALLEY		
3396FLRR	95	9
27020LRR	100	9

ZONE 5 - Table 10
Alger
Delta
Menominee - Early
Trial Average

~ Denotes hybrids that were entered into the Grain and Silage Trials.

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

2014				Early - TRIAL AVERAGE												Branch - Early											
				YIELD				% QUALITY						MILK 2006		YIELD				% QUALITY						MILK 2006	
BRAND / HYBRID	RM	TRT	TRAIT	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
AGRIGOLD A6458VT3PRIB	110	P500	1,2,3	39.4	25.7	9.9	97	81.6	21.4	40.5	54.4	6.6	36.6	3280	32102	38.8	32.5	12.4 *	100	80.2	21.8	41.1	51.8	7.0	36.8	3165	39244
DAIRYLAND SEED EXP-10509	105	C250	1	42.8	21.5	9.0	88	82.1	20.9	40.3	55.6	6.8	38.2	3313	29521	39.5	28.5	11.3	89	79.8	23.0	41.2	50.9	7.3	37.5	3139	35480
DAIRYLAND SEED Hi DF-3108RA	108	C250	1,2,3,4,6	36.0	27.8	9.9	97	80.2	22.9	43.7	54.4	6.3	32.1	3128	30249	35.3	34.5	12.2 *	99	78.6	22.7	42.5	49.5	6.3	34.6	3061	37174
DAIRYLAND SEED Hi DF-3510SSX	110	C250	1,2,3,4,6	33.9	28.2	9.4	95	81.1	23.5	44.0	56.9	6.4	30.3	3165	29712	33.3	36.7	12.2 *	99	79.8	23.8	43.9	53.8	6.8	31.9	3110	36791
DYNAGRO D50SS43	110	P500	1,2,3,4,6	37.6	26.3	9.8	97	80.9	21.1	40.6	52.6	6.8	35.2	3225	32016	37.3	31.8	11.8 *	100	80.5	20.7	39.8	50.8	6.8	37.3	3194	37591
GOLDEN HARVEST G09E98-3000GT	109	C500	1,2,3,4	38.5	27.5	10.5 *	96	83.2	19.0	37.6	55.1	6.7	38.5	3362	35594	37.9	32.6	12.3 *	97	82.9	16.5	33.9	49.7	7.1	43.6	3391	43775
GREAT LAKES 5566STX	105	P500	1,2,3,6	43.9	22.5	9.7	98	82.6	17.9	36.4	52.2	6.9	40.6	3351	32416	44.4	25.1	11.1	100	82.1	17.0	35.3	49.2	7.5	43.6	3329	37026
GREAT LAKES 5755STXRIB	107	P500	1,2,3,6	40.6	24.0	9.6	95	82.4	20.7	40.0	55.6	6.8	36.8	3320	30916	40.2	29.9	12.1 *	98	82.9	19.8	38.4	55.5	7.2	39.4	3345	37685
GREAT LAKES 5918STX	109	P500	1,2,3,6	40.3	24.5	9.6	95	82.1	20.3	39.5	54.5	6.6	36.8	3314	31858	38.6	29.6	11.4	98	82.1	18.0	36.0	50.3	7.2	39.6	3326	37826
GREAT LAKES 6068STXRIB	110	P500	1,2,3,6	39.5	26.9	10.5 *	95	80.8	22.0	41.5	53.5	6.5	33.4	3189	33236	37.3	34.3	12.8 **	99	79.2	21.6	41.1	49.3	7.0	33.7	3107	39828
HYLAND SEEDS 8695RA	110	P250	1,2,3,4,6	39.4	24.2	9.4	96	82.9	19.4	38.2	55.2	6.8	38.5	3374	31601	38.1	28.3	10.8	94	80.4	21.2	40.6	51.6	6.9	37.0	3181	34208
MASTERS CHOICE MCT-5663	106	C250	1,2,3,4	38.7	23.9	9.3	88	82.8	20.6	39.1	55.9	6.4	37.5	3356	31041	37.9	28.6	11.1	89	81.6	21.2	39.2	53.0	6.9	38.7	3265	36060
MYCOGEN TMF2H706	109	C250	1,2,3,4,6	36.6	27.0	9.8	97	82.0	21.0	39.5	54.4	6.3	35.5	3296	31773	35.4	32.8	11.7 *	100	80.6	19.7	38.2	49.2	6.4	38.1	3217	34570
NK Brand N63R-3000GT Brand	109	C500	1,2,3,4	38.0	25.9	9.7	96	82.7	21.0	39.1	55.7	6.7	37.7	3355	31633	35.8	31.3	11.2	99	81.8	20.8	39.5	53.9	7.5	39.6	3271	33895
NuTech/G2 GENETICS 5F-811™	110	P500	1,2,4	39.3	27.4	10.7 **	93	82.2	21.4	40.0	54.8	6.8	38.0	3302	33695	38.1	32.7	12.7 *	99	82.5	18.6	33.7	48.3	7.5	41.2	3344	39706
NuTech/G2 GENETICS 5Z-510™	110	P1250	1,2,4	36.5	26.5	9.6	95	81.9	21.4	40.6	55.1	7.1	35.2	3265	31273	34.7	32.7	11.6	93	82.5	19.0	37.0	52.7	7.5	39.7	3334	38489
RENK RK712SSTX	106	P500	1,2,3,4,6	41.0	25.2	10.2 *	98	82.7	18.9	37.3	52.9	6.7	39.2	3363	34270	42.7	29.4	12.7 *	100	82.0	15.7	32.7	44.9	7.5	44.5	3342	42281
RENK RK743VT3PNDS	107	P250	1,2,3,NDS	39.8	24.4	9.4	94	80.9	20.7	41.3	53.4	7.4	35.4	3230	31215	38.6	30.1	11.6	96	80.3	20.6	40.1	50.7	7.7	37.0	3175	36945
RENK RK809GTCBLLRW	110	C250	1,2,3,4,6	40.6	25.1	9.7	94	82.0	20.8	40.9	55.9	6.5	35.5	3293	31903	43.6	29.7	12.0 *	100	80.0	22.0	41.6	51.9	6.7	36.1	3150	37638
STEYER 10901 GENSS	109	P250		38.0	25.6	9.6	93	81.2	20.7	40.1	53.1	6.5	36.7	3267	31405	37.0	31.5	11.7 *	97	81.2	19.5	38.6	51.4	7.0	38.4	3249	37912
T. A. SEEDS TA108-18	108	C250	GT	36.8	25.4	9.2	92	81.1	22.1	41.4	54.1	6.5	34.0	3160	29535	35.6	30.3	10.9	99	80.0	23.1	41.6	51.7	6.9	37.1	3146	34415
T. A. SEEDS TA583-22DPRIB	108	C250	VT2P	39.8	25.5	10.0	93	82.1	18.2	36.3	50.5	6.9	40.0	3334	34302	40.7	30.2	12.3 *	99	82.7	15.7	32.9	47.4	7.6	44.7	3383	42819
T. A. SEEDS TA625-31	110	C250	3110	39.5	25.3	9.8	97	81.9	22.5	42.0	56.7	6.9	34.7	3257	31799	42.8	27.8	11.9 *	99	81.0	23.5	43.9	56.7	7.2	35.8	3177	37772
WELLMAN W2513DP	110	ENC	1,2	38.2	27.9	10.5 *	93	81.5	19.8	40.1	53.9	6.7	36.7	3284	34973	37.2	33.1	12.3 *	91	81.1	18.5	38.7	51.1	7.3	37.8	3238	39722
AVERAGE				38.9	25.6	9.8	94.7	81.9	20.8	40.0	54.4	6.7	36.4	3283	32002	38.4	31.0	11.8	97.3	81.1	20.2	38.8	51.0	7.1	38.5	3235	37869
HIGHEST				43.9	28.2	10.7	98.2	83.2	23.5	44.0	56.9	7.4	40.6	3374	35594	44.4	36.7	12.8	100.0	82.9	23.8	43.9	56.7	7.7	44.7	3391	43775
LOWEST				33.9	21.5	9.0	88.4	80.2	17.9	36.3	50.5	6.3	30.3	3128	29521	33.3	25.1	10.8	88.8	78.6	15.7	32.7	44.9	6.3	31.9	3061	33895
CV (%)				5.2	6.2	7.5	4.5	2.2	8.3	6.7	6.6	6.0	8.5	4	6	5.4	6.3	8.0	5.6	2.3	7.9	6.1	8.4	6.1	8.0	4	7
LSD (5%)				1.4	1.1	0.5	2.9	1.2	1.2	1.8	2.4	0.3	2.1	83	1388	2.5	2.3	1.1	6.4	2.2	1.9	2.8	7.3	0.5	3.7	147	2914

2 Year Averages 2014 - 2013				Early - TRIAL AVERAGE												Branch - Early											
				YIELD				% QUALITY						MILK 2006		YIELD				% QUALITY						MILK 2006	
BRAND / HYBRID	RM	TRT	TRAIT	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
DAIRYLAND SEED Hi DF-3108RA	108	C250	1,2,3,4,6	36.3	28.0	10.1	98	80.3	22.1	41.6	52.7	7.1	34.1	3150	31339	36.1	31.2	11.2 **	98	80.8	20.6	39.5	51.6	6.9	37.5	3227	35110
DAIRYLAND SEED Hi DF-3510SSX	110	C250	1,2,3,4,6	33.9	29.6	9.9	97	80.6	22.9	42.5	54.2	7.0	33.3	3162	31392	33.3	32.9	10.9 *	99	81.1	21.8	41.0	53.8	7.2	35.3	3224	34490
DYNAGRO D50SS43	110	P500	1,2,3,4,6	39.0	27.2	10.5 **	98	80.9	20.1	39.1	51.0	7.4	36.9	3228	34065	39.2	28.6	11.1 *	98	82.1	18.7	37.0	51.6	7.4	39.7	3320	36799
HYLAND SEEDS 8695RA	110	P250	1,2,3,4,6	39.3	25.0	9.7	98	83.1	18.5	36.1	53.0	7.3	40.6	3390	32821	38.2	26.3	10.0	97	82.4	18.9	37.4	52.9	7.3	40.0	3334	33277
AVERAGE				37.1	27.4	10.0	97.7	81.2	20.9	39.8	52.7	7.2	36.2	3232	32404	36.7	29.7	10.8	98.3	81.6	20.0	38.7	52.5	7.2	38.1	3276	34919
HIGHEST				39.3	29.6	10.5	98.1	83.1	22.9	42.5	54.2	7.4	40.6	3390	34065	39.2	32.9	11.2	99.5	82.4	21.8	41.0	53.8	7.4	40.0	3334	36799
LOWEST				33.9	25.0	9.7	97.2	80.3	18.5	36.1	51.0	7.0	33.3	3150	31339	33.3	26.3	10.0	97.1	80.8	18.7	37.0	51.6	6.9	35.3	3224	33277
CV (%)				5.3	6.4	7.1	3.7	2.1	7.8	6.8	5.6	7.9	8.5	4	7	5.1	5.7	7.0	4.8	1.9	6.9	5.7	6.3	5.5	7.0	3	6
LSD (5%)				1.0	0.8	0.3	1.7	0.8	0.8	1.3	1.4	0.3	1.5	55	1132	1.6	1.4	0.7	3.9	1.3	1.1	1.8	3.8	0.3	2.3	88	1928

2014				Lenawee - Early												Wood - Early											
				YIELD				% QUALITY						MILK 2006		YIELD				% QUALITY						MILK 2006	
BRAND / HYBRID	RM	TRT	TRAIT	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
AGRIGOLD A6458VT3PRIB	110	P500	1,2,3	33.3	24.6	8.2	100	81.7	22.9	42.7	57.2	7.2	31.3	3303	25952	46.2	19.9	9.2 *	91	82.8	19.7	37.9	54.3	5.8	41.8	3372	31111
DAIRYLAND SEED EXP-10509	105	C250	1	35.8	20.7	7.4	98	83.0	20.2	41.5	58.9	7.4	34.2	3381	24949	52.9	15.2	8.2	78	83.7	19.6	38.2	57.0	5.7	42.9	3420	28133
DAIRYLAND SEED Hi DF-3108RA	108	C250	1,2,3,4,6	31.4	27.3	8.6	100	81.1	24.2	46.0	58.8	7.5	24.2	3104	25100	41.2	21.5	8.9	92	80.8	21.9	42.6	55.0	5.2	37.4	3220	28473
DAIRYLAND SEED Hi DF-3510SSX	110	C250	1,2,3,4,6	28.5	26.7	7.5	100	81.4	25.0	47.6	60.8	6.9	23.4	3099	23336	40.0	21.3	8.5	85	82.3	21.8	40.5	56.2	5.6	35.5	3285	29010
DYNAGRO D50SS43	110	P500	1,2,3,4,6	31.6	26.3	8.3	100	81.0	23.8	45.0	57.8	7.3	26.2	3193	26592	43.8	20.9	9.2 *	90	81.3	18.9	37.0	49.1	6.3	42.1	3289	31864
GOLDEN HARVEST G09E98-3000GT	109	C500	1,2,3,4	33.3	28.2	9.6 **	100	83.3	20.4	41.1	59.2	6.9	29.6	3280	31373	44.4	21.7	9.7 *	92	83.5	20.3	37.9	56.4	6.1	42.2	3414	31633
GREAT LAKES 5566STX	105	P500	1,2,3,6	35.5	24.6	8.7	100	82.5	19.3	38.8	54.9	6.9	33.2	3302	28745	51.7	17.8	9.2 *	95	83.3	17.3	35.3	52.6	6.2	45.2	3422	31477
GREAT LAKES 5755STXRIB	107	P500	1,2,3,6	33.4	24.0	8.0	100	81.7	23.7	45.5	59.7	7.4	26.5	3239	25824	48.1	18.0	8.7	87	82.6	18.5	36.0	51.7	5.9	44.5	3377	29238
GREAT LAKES 5918STX	109	P500	1,2,3,6	35.1	25.4	8.7	97	81.9	21.9	42.6	57.5	6.7	31.1	3288	28443	47.2	18.7	8.8	90	82.3	21.0	39.9	55.7	5.8	39.6	3327	29305
GREAT LAKES 6068STXRIB	110	P500	1,2,3,6	34.9	26.3	9.2 *	98	81.3	23.7	43.4	56.9	7.1	27.5	3162	28966	46.4	20.2	9.4 *	88	81.8	20.9	40.0	54.4	5.6	39.1	3298	30912
HYLAND SEEDS 8695RA	110	P250	1,2,3,4,6	33.3	24.0	8.0	100	83.9	20.2	39.8	59.7	7.2	33.1	3445	27644	46.8	20.2	9.4 *	93	84.4	16.9	34.2	54.2	6.3	45.4	3496	32950
MASTERS CHOICE MCT-5663	106	C250	1,2,3,4	32.5	23.3	7.7	94	83.9	20.4	39.5	59.2	6.8	33.2	3437	26350	45.6	20.0	9.1	83	82.8	20.1	38.7	55.5	5.6	40.4	3367	30713
MYCOGEN TMF2H706	109	C250	1,2,3,4,6	31.8	26.5	8.4	100	82.6	22.3	42.3	58.9	7.2	28.4	3285	29440	42.5	21.6	9.3 *	92	83.0	20.9	37.9	55.0	5.3	40.0	3385	31308
NK Brand N63R-3000GT Brand	109	C500	1,2,3,4	34.8	25.8	9.0 *	100	83.2	20.0	39.0	56.8	6.9	34.0	3416	30591	43.4	20.7	9.0	88	83.0	22.1	38.9	56.4	5.8	39.5	3377	30412
NuTech/G2 GENETICS 5F-811™	110	P500	1,2,4	34.1	28.1	9.6 **	100	82.0	24.3	45.1	60.1	6.9	31.6	3270	29030	45.8	21.5	9.8 **	81	82.0	21.4	41.2	56.2	6.0	41.3	3293	32348
NuTech/G2 GENETICS 5Z-510™	110	P1250	1,2,4	30.9	25.8	8.0	99	82.2	23.0	43.5	59.1	7.6	28.1	3226	25647	44.0	21.0	9.2 *	92	80.9	22.4	41.2	53.6	6.2	38.0	3234	29684
RENK RK712SSTX	106	P500	1,2,3,4,6	33.5	27.4	9.2 *	100	82.5	22.2	42.5	58.8	7.1	30.1	3314	30413	46.7	18.8	8.8	93	83.6	18.8	36.7	55.2	5.7	43.1	3431	30115
RENK RK743VT3PNDS	107	P250	1,2,3,NDS	31.7	25.5	7.9	99	80.2	23.7	47.9	58.6	7.7	25.6	3159	26287	49.2	17.6	8.6	86	82.3	17.8	36.1	50.8	6.7	43.6	3356	30412
RENK RK809GTCBLLRW	110	C250	1,2,3,4,6	32.0	26.8	8.6	99	83.0	22.0	43.4	60.8	6.9	29.4	3344	28674	46.2	18.8	8.7	84	83.0	18.5	37.9	55.1	5.7	41.1	3386	29395
STEYER 10901 GENSS	109	P250		34.3	24.5	8.4	97	81.8	21.5	42.0	56.6	6.9	32.4	3312	27800	42.6	20.7	8.8	86	80.7	21.0	39.7	51.3	5.6	39.2	3239	28504
T. A. SEEDS TA108-18	108	C250	GT	30.4	25.5	7.7	98	80.7	23.9	45.4	57.4	6.8	23.4	2961	23846	44.3	20.4	9.0	80	82.7	19.3	37.2	53.3	5.9	41.5	3373	30344
T. A. SEEDS TA583-22DPRIB	108	C250	VT2P	32.5	27.6	8.9 *	98	81.5	20.1	39.6	53.1	7.1	32.1	3267	30877	46.3	18.7	8.7	83	82.2	18.8	36.5	51.2	6.1	43.2	3352	29210
T. A. SEEDS TA625-31	110	C250	3110	29.2	27.9	8.1	100	82.2	22.9	44.1	59.6	7.5	26.6	3245	26192	46.4	20.3	9.4 *	90	82.4	21.2	38.1	53.8	6.0	41.6	3350	31434
WELLMAN W2513DP	110	ENC	1,2	32.7	28.7	9.4 *	100	81.7	21.2	43.0	57.5	6.9	31.2	3299	32790	44.8	21.9	9.8 **	88	81.9	19.8	38.6	53.0	5.8	41.2	3314	32407
AVERAGE				32.8	25.9	8.5	99.1	82.1	22.2	43.0	58.2	7.1	29.4	3264	27703	45.7	19.9	9.1	87.8	82.5	19.9	38.2	54.0	5.9	41.2	3349	30433
HIGHEST				35.8	28.7	9.6	100.0	83.9	25.0	47.9	60.8	7.7	34.2	3445	32790	52.9	21.9	9.8	94.7	84.4	22.4	42.6	57.0	6.7	45.4	3496	32950
LOWEST				28.5	20.7	7.4	93.8	80.2	19.3	38.8	53.1	6.7	23.4	2961	23336	40.0	15.2	8.2	78.4	80.7	16.9	34.2	49.1	5.2	35.5	3220	28133
CV (%)				5.1	6.2	7.7	1.6	2.1	7.9	6.6	5.5	5.3	10.3	4	7	4.6	4.1	5.5	5.5	2.0	9.0	7.3	6.0	6.7	7.5	3	6
LSD (5%)				2.0	1.9	0.8	1.8	2.1	2.1	3.4	5.4	0.5	3.6	154	2149	2.5	1.0	0.6	5.7	1.9	2.1	3.3	5.5	0.5	3.7	133	2215

2 Year Averages 2014 - 2013				Lenawee - Early												Wood - Early											
				YIELD				% QUALITY						MILK 2006		YIELD				% QUALITY						MILK 2006	
BRAND / HYBRID	RM	TRT	TRAIT	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
DAIRYLAND SEED Hi DF-3108RA	108	C250	1,2,3,4,6	33.1	29.6	9.8	100	80.7	23.0	42.3	54.0	7.8	30.0	3106	30168	39.7	23.3	9.2 *	96	79.5	22.9	43.1	52.4	6.5	34.8	3116	28738
DAIRYLAND SEED Hi DF-3510SSX	110	C250	1,2,3,4,6	30.3	31.6	9.6	100	80.7	23.5	43.8	55.3	7.3	29.8	3122	29910	38.3	24.2	9.2 *	92	80.0	23.5	42.8	53.4	6.4	34.8	3141	29776
DYNAGRO D50SS43	110	P500	1,2,3,4,6	33.9	31.0	10.7 **	100	80.5	21.6	42.0	53.4	7.6	31.7	3173	33795	43.8	22.1	9.6 **	95	80.2	20.0	38.1	48.1	7.1	39.4	3192	31601
HYLAND SEEDS 8695RA	110	P250	1,2,3,4,6	35.0	27.7	9.8	100	83.3	19.3	37.1	54.5	7.6	37.6	3398	33034	44.7	21.0	9.4 *	96	83.7	17.1	33.9	51.6	7.1	44.1	3437	32152
AVERAGE				33.1	30.0	9.9	99.9	81.3	21.8	41.3	54.3	7.6	32.3	3200	31727	41.6	22.7	9.4	94.9	80.8	20.9	39.5	51.4	6.8	38.2	3222	30567
HIGHEST				35.0	31.6	10.7	100.0	83.3	23.5	43.8	55.3	7.8	37.6	3398	33795	44.7	24.2	9.6	96.4	83.7	23.5	43.1	53.4	7.1	44.1	3437	32152
LOWEST				30.3	27.7	9.6	99.7	80.5	19.3	37.1	53.4	7.3	29.8	3106	29910	38.3	21.0	9.2	92.3	79.5	17.1	33.9	48.1	6.4	34.8	3116	28738
CV (%)				6.1	7.2	8.0	1.6	2.3	8.0	7.6	4.5	10.4	11.2	4	10	4.9	5.2	5.6	4.0	2.0	8.5	6.7	6.0	6.2	7.5	3	6
LSD (5%)				1.7	1.6	0.6	1.3	1.5	1.5	2.7	3.0	0.6	2.9	110	2357	1.8	0.9	0.4	2.9	1.3	1.4	2.2	3.8	0.3	2.5	89	1573

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

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

2014				Late - TRIAL AVERAGE												Branch - Late											
				YIELD				% QUALITY						MILK 2006		YIELD				% QUALITY						MILK 2006	
BRAND / HYBRID	RM	TRT	TRAIT	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
AGRIGOLD A6533VT3PRIB	113	P500	1,2,3	43.0	21.6	9.2	98	81.8	20.5	39.3	53.5	6.3	38.8	3313	30572	44.1	22.5	10.0	100	81.4	19.7	38.5	51.6	5.9	41.3	3280	32595
AGRIGOLD A6559STXRIB	113	P500	1,2,3,4,6	40.1	24.7	9.7	97	80.9	20.4	41.4	53.7	6.1	36.0	3222	31634	41.8	26.1	10.9	100	79.0	20.6	43.0	51.0	5.3	37.8	3103	33930
DAIRYLAND SEED DS-9713RA	111	C250	1,2,3,4,6	39.1	26.0	10.0	95	82.1	19.4	38.8	53.7	6.2	38.4	3329	33030	42.1	28.0	11.8	100	83.1	17.3	36.1	53.2	6.6	43.8	3399	37706
GOLDEN HARVEST G12J11-3011A	112	C500	1,2,3,4,A	42.3	24.1	10.1	95	80.7	20.5	39.9	51.2	6.4	38.1	3243	34801	47.9	24.4	11.7	100	79.1	21.8	41.5	49.5	6.3	38.2	3118	38544
GREAT LAKES 6261STX	112	P500	1,2,3,6	41.2	25.3	10.3	97	81.4	21.2	40.8	54.4	5.9	37.4	3280	33512	43.0	27.4	11.8	100	81.8	19.7	38.7	53.0	5.2	39.8	3306	38812
GREAT LAKES 6462STXRIB	114	P500	1,2,3,6	38.8	25.4	9.7	97	81.0	20.3	39.3	51.5	6.3	37.6	3264	31633	38.5	27.8	10.7	100	80.2	19.3	38.4	48.5	6.0	40.4	3213	32841
MASTERS CHOICE MCT-6153	111	C250	1,2,3,4	41.1	23.1	9.4	88	82.8	19.8	38.5	55.3	6.2	39.6	3376	31272	44.7	24.8	11.1	96	82.1	19.1	37.5	52.3	5.7	43.7	3334	36831
MYCOGEN TMF2H747	113	C250	1,2,3,4,6	36.9	27.9	10.1	96	81.6	23.0	42.9	57.2	6.0	33.9	3208	33067	38.9	30.3	11.8	100	79.3	25.5	45.5	54.4	4.9	37.7	3095	39094
NK Brand N70J-3011A	112	C500	1,2,3,4,A	42.0	23.9	9.9	91	81.3	20.8	40.4	53.8	5.8	36.5	3278	31884	44.5	24.7	11.0	100	80.3	22.0	42.1	53.1	4.9	37.0	3186	33483
NuTech/G2 GENETICS 3F-515™	115	P500	1,2,4	38.9	26.3	10.0	88	80.8	21.9	41.9	54.1	6.9	34.3	3221	31881	41.0	28.1	11.5	92	79.0	22.4	42.4	50.4	6.7	36.8	3105	35744
NuTech/G2 GENETICS 3F-515™ OH	115	P500	1,2,4	39.0	25.9	10.0	89	80.8	20.4	41.0	53.1	7.1	35.4	3236	33645	39.6	30.1	11.9	92	79.8	20.4	39.4	48.8	7.8	38.6	3174	37843
NuTech/G2 GENETICS 3F-814™	111	P500	1,2,4	38.3	26.8	10.0	97	82.5	21.2	40.7	56.8	5.9	35.9	3339	33767	39.4	28.3	11.1	100	81.3	21.5	40.7	54.0	5.1	38.0	3259	36298
NuTech/G2 GENETICS 5F-612™	112	P500	1,2,4	41.1	25.6	10.1	98	81.9	20.3	41.0	55.7	6.0	36.2	3293	34970	41.7	25.3	10.6	100	82.8	18.8	42.3	59.1	5.2	37.8	3320	36997
NuTech/G2 GENETICS 5H-216™	116	P500	1,2,4	41.1	24.7	9.7	91	80.9	22.6	43.4	55.8	6.2	32.8	3178	29521	40.9	27.2	11.1	95	81.2	21.2	41.4	54.6	6.1	36.9	3243	31162
NuTech/G2 GENETICS 5H-216™ OH	116	P500	1,2,4	41.3	27.0	10.9 *	91	80.8	22.9	43.1	55.3	6.6	32.4	3119	34122	41.9	33.9	14.2 **	95	80.8	20.6	40.3	52.4	7.2	38.6	3227	45737
NuTech/G2 GENETICS 5Z-111™	111	P1250	1,2,4	43.1	22.0	9.2	95	83.9	19.6	38.0	57.5	6.5	39.3	3447	31435	48.3	20.1	10.0	97	84.3	17.4	34.4	54.2	6.8	46.1	3482	34888
NuTech/G2 GENETICS 5Z-713™	113	P1250	1,2,4	37.4	27.0	9.9	94	82.9	19.2	37.5	54.1	6.9	38.7	3369	33474	40.3	29.9	12.0	100	82.9	17.6	34.7	50.7	7.3	44.4	3397	40845
PIONEER P0970AMXT	112	C250	1,2,3,4,6	42.1	22.8	9.6	96	84.0	18.7	37.7	57.5	6.5	39.5	3447	33166	44.0	25.7	11.3	100	84.0	17.6	35.1	54.5	6.9	43.7	3461	39146
PIONEER P1180XR	111	C250	1,2,3,4,6,7	42.6	21.4	8.9	93	87.6	18.1	36.9	66.1	7.7	40.7	3656	32576	50.8	20.0	10.2	97	87.9	16.9	36.0	66.3	8.3	47.9	3667	37210
PIONEER P1197AM	114	P1250	1,2,3,4,6	38.7	26.8	10.3	95	83.0	20.1	39.4	56.8	6.4	38.1	3380	34236	39.7	30.3	12.0	100	83.1	19.0	37.9	55.4	6.4	41.1	3383	40614
PIONEER P1449XR	113	C250	1,2,3,4,6,7	40.1	23.8	9.2	97	86.3	19.4	38.8	64.5	6.7	35.6	3509	34417	44.8	21.2	9.5	95	86.0	18.2	37.5	62.7	6.5	40.9	3550	37528
RENK RK858VT3P	112	P250	1,2,3	39.8	27.9	11.0 **	95	81.7	20.2	39.9	54.0	6.6	36.9	3300	35550	42.9	31.1	13.3 *	99	81.1	20.6	40.9	53.7	6.8	37.5	3238	43067
SEED CONSULTANTS SCS 11HR21™	113	P1250	1,2,4	42.4	26.3	10.9 *	97	81.1	21.7	41.5	54.3	6.2	35.7	3253	35765	48.0	26.1	12.5	100	80.3	21.4	40.7	51.5	5.6	39.3	3199	39927
SEED CONSULTANTS SCS 11HR63™	116	P1250	1,2,4	39.0	26.3	10.0	97	80.8	22.9	42.8	55.2	6.0	34.6	3215	32613	39.3	27.3	10.7	100	79.5	23.9	43.8	53.2	5.1	34.9	3126	33524
STEYER 11407VT3PRO	114	P250		41.1	25.9	10.5 *	96	81.2	20.4	40.2	53.1	6.8	37.2	3266	34271	43.4	29.6	12.8	98	80.2	19.5	39.3	49.4	7.1	38.9	3198	41032
T. A. SEEDS TA683-13VPRIB	112	C250	VT3P	43.4	23.0	9.8	98	82.5	19.0	37.1	52.8	6.7	41.6	3371	33183	45.5	23.8	10.8	100	82.5	17.1	35.3	50.4	7.3	44.7	3370	36314
T. A. SEEDS TA765-30	115	C250	1,2,4,6	39.6	25.5	9.9	95	81.1	21.7	40.3	52.9	6.6	37.1	3260	32337	39.9	29.8	11.9	100	82.2	20.5	36.9	51.7	7.5	42.5	3333	37705
T. A. SEEDS TA774-22DPRIB	116	C250	VT3P	38.6	27.8	10.5 *	95	80.5	21.1	40.6	51.8	6.3	35.1	3159	33795	40.6	30.6	12.4	99	80.4	19.8	39.2	49.9	6.2	39.5	3216	39952
T. A. SEEDS TA780-13VPRIB	116	C250	VT3P	39.9	25.4	10.0	96	82.0	20.9	39.8	54.8	6.2	36.0	3302	32664	42.4	25.7	10.9	99	80.7	21.5	41.1	52.8	5.6	38.5	3215	33395
AVERAGE				40.4	25.2	10.0	95	82.1	20.6	40.1	55.2	6.4	36.9	3305	33062	42.8	26.9	11.4	98	81.6	20.0	39.3	53.2	6.3	40.2	3283	37337
HIGHEST				43.4	27.9	11.0	98	87.6	23.0	43.4	66.1	7.7	41.6	3656	35765	50.8	33.9	14.2	100	87.9	25.5	45.5	66.3	8.3	47.9	3667	45737
LOWEST				36.9	21.4	8.9	88	80.5	18.1	36.9	51.2	5.8	32.4	3119	29521	38.5	20.0	9.5	92	79.0	16.9	34.4	48.5	4.9	34.9	3095	31162
CV (%)				5.5	7.5	9.0	5	1.9	9.0	6.7	5.1	8.0	8.1	3	7	5.8	8.1	9.5	3	1.6	10.0	6.9	3.4	10.5	7.7	3	7
LSD (5%)				1.5	1.3	0.6	3	1.0	1.3	1.8	1.9	0.3	2.0	74	1454	2.9	2.6	1.3	3	1.5	2.4	3.2	2.2	0.8	3.7	111	3090

2 Year Averages 2014 - 2013				Late - TRIAL AVERAGE												Branch - Late											
				YIELD				% QUALITY						MILK 2006		YIELD				% QUALITY						MILK 2006	
BRAND / HYBRID	RM	TRT	TRAIT	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
GOLDEN HARVEST G12J11-3011A	112	C500	1,2,3,4,A	41.2	24.7	10.1	97	81.1	20.0	38.3	50.3	7.2	39.3	3260	33814	43.4	24.1	10.5 *	98	81.2	19.7	37.7	50.1	7.2	40.1	3267	34948
MASTERS CHOICE MCT-6153	111	C250	1,2,3,4	40.1	24.2	9.6	92	82.2	19.9	38.4	53.7	6.9	40.2	3323	31582	41.5	24.5	10.2	95	83.2	18.0	35.4	52.6	6.8	44.1	3408	34576
MYCOGEN TMF2H747	113	C250	1,2,3,4,6	35.9	28.5	10.1	97	81.1	22.2	41.7	54.8	6.7	35.3	3201	32315	35.8	28.4	10.2	99	80.8	22.6	41.6	53.9	6.2	38.3	3214	33964
NK Brand N70J-3011A	112	C500	1,2,3,4,A	41.1	24.8	10.1	95	81.3	19.5	38.0	50.7	6.9	38.9	3277	33123	41.5	25.1	10.4	100	81.5	19.1	38.5	51.7	6.2	39.3	3280	33320
NuTech/G2 GENETICS 3F-515™	115	P500	1,2,4	38.4	26.8	10.1	92	81.1	20.8	40.0	52.5	7.8	36.7	3236	32550	38.8	27.0	10.5 *	92	80.9	20.0	39.0	51.0	7.6	38.4	3238	33798
NuTech/G2 GENETICS 5H-216™	116	P500	1,2,4	40.3	25.3	10.0	95	81.0	21.4	41.2	53.7	6.9	35.6	3207	30858	39.0	26.8	10.4	97	81.7	19.8	39.2	53.3	6.8	37.7	3287	31905
SEED CONSULTANTS SCS 11HR21™	113	P1250	1,2,4	41.1	27.0	10.9 **	98	81.6	20.2	38.9	52.3	7.1	37.7	3283	36058	42.8	26.6	11.3 **	97	81.7	20.0	38.8	52.9	6.8	38.8	3289	37190
T. A. SEEDS TA765-30	115	C250	1,2,4,6	39.2	26.8	10.4	97	81.4	20.6	39.1	52.3	7.4	37.5	3268	33852	38.6	28.0	10.8 *	99	82.8	18.6	35.7	51.9	7.7	42.0	3378	35537
AVERAGE				39.7	26.0	10.2	95	81.4	20.6	39.4	52.5	7.1	37.6	3257	33019	40.2	26.3	10.5	97	81.7	19.7	38.2	52.2	6.9	39.8	3295	34405
HIGHEST				41.2	28.5	10.9	98	82.2	22.2	41.7	54.8	7.8	40.2	3323	36058	43.4	28.4	11.3	100	83.2	22.6	41.6	53.9	7.7	44.1	3408	37190
LOWEST				35.9	24.2	9.6	92	81.0	19.5	38.0	50.3	6.7	35.3	3201	30858	35.8	24.1	10.2	92	80.8	18.0	35.4	50.1	6.2	37.7	3214	31905
CV (%)				5.3	6.9	8.1	4	1.9	8.3	6.4	5.2	7.1	7.6	3	7	4.9	7.3	8.3	5	1.5	8.6	6.4	3.3	8.1	6.8	3	7
LSD (5%)				1.0	0.8	0.4	2	0.7	0.8	1.2	1.3	0.2	1.4	52	1096	1.7	1.6	0.8	4	1.0	1.4	2.1	1.4	0.4	2.3	72	2120

2014				Lenawee - Late												Wood - Late											
				YIELD				% QUALITY						MILK 2006		YIELD				% QUALITY						MILK 2006	
BRAND / HYBRID	RM	TRT	TRAIT	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
AGRIGOLD A6533VT3PRIB	113	P500	1,2,3	34.1	23.1	7.9	100	80.8	22.6	43.0	55.4	7.2	31.3	3246	25650	50.8	19.4	9.8 *	94	83.2	19.3	36.3	53.6	5.8	43.6	3412	33470
AGRIGOLD A6559STXRIB	113	P500	1,2,3,4,6	33.1	27.4	8.9	98	82.1	21.7	43.1	58.5	7.1	28.1	3257	30194	45.3	20.5	9.3	92	81.6	18.9	37.9	51.5	5.8	42.3	3307	30777
DAIRYLAND SEED DS-9713RA	111	C250	1,2,3,4,6	31.0	28.9	9.0	100	81.7	21.5	42.4	56.7	6.7	30.9	3290	30715	44.3	21.0	9.3	86	81.4	19.5	38.0	51.2	5.4	40.6	3297	30668
GOLDEN HARVEST G12J11-3011A	112	C500	1,2,3,4,A	33.2	28.5	9.5 *	98	80.8	22.9	44.5	56.8	6.7	31.1	3236	32720	45.9	19.4	9.1	86	82.3	16.9	33.9	47.4	6.1	44.9	3373	33140
GREAT LAKES 6261STX	112	P500	1,2,3,6	35.5	27.4	9.7 *	99	81.3	23.1	44.1	57.6	6.6	33.7	3267	30549	45.3	21.1	9.6 *	91	81.2	20.7	39.7	52.6	5.8	38.6	3267	31175
GREAT LAKES 6462STXRIB	114	P500	1,2,3,6	34.3	27.4	9.2 *	100	81.7	20.8	40.3	54.5	7.2	33.0	3317	32147	43.7	21.0	9.2	90	81.0	20.8	39.3	51.7	5.7	39.4	3262	29912
MASTERS CHOICE MCT-6153	111	C250	1,2,3,4	31.8	25.0	8.0	90	83.7	19.9	39.1	58.1	7.2	34.9	3441	26372	46.9	19.4	9.1	78	82.6	20.4	39.1	55.4	5.7	40.4	3354	30613
MYCOGEN TMF2H747	113	C250	1,2,3,4,6	29.5	31.5	9.2 *	100	82.4	23.1	44.3	60.2	7.2	25.0	3134	28688	42.2	22.0	9.3	88	83.3	20.5	38.8	57.0	5.9	38.9	3395	31418
NK Brand N70J-3011A	112	C500	1,2,3,4,A	34.4	26.4	9.0	88	82.3	20.4	40.7	56.5	6.7	32.7	3351	30203	47.3	20.6	9.7 *	84	81.5	19.9	38.3	51.7	5.9	39.8	3298	31966
NuTech/G2 GENETICS 3F-515™	115	P500	1,2,4	32.9	29.9	9.7 *	93	82.4	23.2	44.0	60.0	7.6	27.1	3296	30646	42.7	21.0	9.0	79	81.1	20.1	39.4	52.0	6.3	39.0	3263	29253
NuTech/G2 GENETICS 3F-515™ OH	115	P500	1,2,4	33.7	27.4	9.3 *	94	81.8	21.4	41.4	56.0	7.1	32.4	3314	33179	43.7	20.1	8.8	80	80.8	19.5	42.2	54.6	6.5	35.1	3219	29913
NuTech/G2 GENETICS 3F-814™	111	P500	1,2,4	32.7	31.5	10.0 *	99	83.5	21.4	42.0	60.6	7.0	31.8	3406	34005	42.8	20.6	8.8	93	82.6	20.8	39.5	56.0	5.5	38.1	3351	30998
NuTech/G2 GENETICS 5F-612™	112	P500	1,2,4	31.2	31.4	9.7 *	100	80.3	21.8	42.3	53.4	6.6	29.9	3200	34018	50.6	20.0	10.1 **	93	82.6	20.3	38.4	54.7	6.3	40.9	3358	33895
NuTech/G2 GENETICS 5H-216™	116	P500	1,2,4	33.6	27.8	9.0	99	79.2	26.5	49.3	57.7	6.5	21.7	2955	27165	48.8	19.1	9.1	78	82.4	20.0	39.5	55.2	6.1	39.9	3336	30234
NuTech/G2 GENETICS 5H-216™ OH	116	P500	1,2,4	33.1	28.3	9.4 *	97	80.0	26.2	46.9	57.3	6.7	21.5	2869	26812	48.8	18.7	9.2	81	81.5	21.9	42.2	56.1	5.8	37.1	3261	29817
NuTech/G2 GENETICS 5Z-111™	111	P1250	1,2,4	32.2	27.6	8.8	99	83.6	21.3	41.7	60.5	7.0	32.7	3414	28793	48.9	18.4	8.9	89	84.0	20.2	38.0	57.9	5.8	39.1	3444	30625
NuTech/G2 GENETICS 5Z-713™	113	P1250	1,2,4	29.1	30.4	8.9	99	83.0	21.1	41.1	58.6	7.5	30.2	3324	29392	42.9	20.7	8.9	82	82.8	18.9	36.7	53.1	6.0	41.6	3388	30184
PIONEER P0970AMXT	112	C250	1,2,3,4,6	33.6	23.4	8.1	100	82.8	22.5	43.0	59.8	6.7	30.1	3335	27015	48.7	19.3	9.4 *	88	85.3	16.1	35.1	58.0	6.0	44.8	3543	33337
PIONEER P1180XR	111	C250	1,2,3,4,6,7	32.8	26.2	8.6	98	87.6	18.6	38.2	67.6	7.6	35.0	3671	31486	44.2	18.1	8.0	83	87.1	18.8	36.5	64.5	7.2	39.3	3631	29034
PIONEER P1197AM	114	P1250	1,2,3,4,6	33.5	28.5	9.6 *	100	83.0	20.9	41.2	58.7	7.2	33.7	3383	30751	43.0	21.6	9.3	86	82.9	20.3	39.0	56.2	5.6	39.5	3372	31342
PIONEER P1449XR	113	C250	1,2,3,4,6,7	31.0	29.9	9.2 *	100	86.8	19.3	39.5	66.4	7.2	30.7	3475	33876	44.5	20.5	9.1	95	86.0	20.7	39.3	64.4	6.4	35.3	3501	31847
RENK RK858VT3P	112	P250	1,2,3	32.7	30.3	9.9 *	100	82.1	21.7	42.3	57.6	6.5	32.0	3326	30711	43.8	22.5	9.9 *	86	82.0	18.4	36.7	50.7	6.5	41.3	3335	32871
SEED CONSULTANTS SCS 11HR21™	113	P1250	1,2,4	33.0	31.2	10.2 **	100	81.4	22.9	43.5	57.1	7.2	28.7	3272	34566	46.4	21.5	10.0 *	91	81.7	20.9	40.3	54.3	5.7	38.9	3289	32803
SEED CONSULTANTS SCS 11HR63™	116	P1250	1,2,4	30.8	30.0	9.3 *	100	81.4	23.6	44.6	58.3	6.9	29.1	3229	31172	46.8	21.5	10.1 **	90	81.6	21.3	40.0	54.0	6.0	40.0	3290	33142
STEYER 11407VT3PRO	114	P250		33.7	28.6	9.7 *	99	82.0	20.7	41.7	56.9	7.1	34.0	3325	32177	46.3	19.6	9.1	90	81.3	20.9	39.7	53.1	6.1	38.7	3275	29604
T. A. SEEDS TA683-13VPRIB	112	C250	VT3P	36.1	25.7	9.3 *	100	81.6	21.8	39.7	53.6	7.1	36.7	3319	30782	48.6	19.5	9.5 *	94	83.4	18.2	36.4	54.3	5.7	43.5	3424	32454
T. A. SEEDS TA765-30	115	C250	1,2,4,6	31.0	26.9	8.3	100	80.8	25.2	45.8	58.0	7.0	27.1	3208	28068	47.9	19.7	9.7 *	86	80.5	19.4	38.2	48.9	5.5	41.8	3239	31238
T. A. SEEDS TA774-22DPRIB	116	C250	VT3P	31.0	32.2	10.1 *	99	79.6	25.1	45.0	54.6	7.0	24.3	2955	29703	44.3	20.6	9.1	86	81.6	18.5	37.5	50.9	5.8	41.4	3307	31729
T. A. SEEDS TA780-13VPRIB	116	C250	VT3P	31.9	28.5	9.2 *	100	82.5	21.4	42.2	58.6	7.0	29.8	3311	29395	45.4	22.1	10.0 *	90	83.0	19.9	36.3	53.0	5.9	39.5	3379	35202
AVERAGE				32.6	28.3	9.2	98	82.1	22.1	42.6	58.1	7.0	30.3	3280	30378	45.9	20.3	9.3	87	82.5	19.7	38.3	54.3	5.9	40.1	3351	31471
HIGHEST				36.1	32.2	10.2	100	87.6	26.5	49.3	67.6	7.6	36.7	3671	34566	50.8	22.5	10.1	95	87.1	21.9	42.2	64.5	7.2	44.9	3631	35202
LOWEST				29.1	23.1	7.9	88	79.2	18.6	38.2	53.4	6.5	21.5	2869	25650	42.2	18.1	8.0	78	80.5	16.1	33.9	47.4	5.4	35.1	3219	29034
CV (%)				5.5	8.2	10.4	5	1.9	7.4	6.4	4.3	6.4	9.2	3	7	5.0	4.7	6.1	5	2.2	9.8	6.8	6.9	7.4	7.6	4	6
LSD (5%)				2.1	2.7	1.1	6	1.8	1.9	3.2	4.2	0.5	3.3	134	2458	2.7	1.1	0.7	5	2.1	2.3	3.1	6.3	0.5	3.6	140	2273

2 Year Averages 2014 - 2013				Lenawee - Late												Wood - Late											
				YIELD				% QUALITY						MILK 2006		YIELD				% QUALITY						MILK 2006	
BRAND / HYBRID	RM	TRT	TRAIT	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
GOLDEN HARVEST G12J11-3011A	112	C500	1,2,3,4,A	35.2	29.5	10.4 *	99	80.9	21.3	41.1	53.0	7.1	35.6	3231	34544	45.1	20.6	9.4	93	81.3	18.9	36.0	47.8	7.2	42.2	3283	31951
MASTERS CHOICE MCT-6153	111	C250	1,2,3,4	33.4	28.0	9.4	94	81.2	20.9	41.6	54.9	7.3	35.9	3236	29635	45.6	20.1	9.2	88	82.3	20.7	38.2	53.6	6.7	40.7	3326	30535
MYCOGEN TMF2H747	113	C250	1,2,3,4,6	31.7	33.1	10.5 *	100	81.4	21.7	42.3	55.9	7.2	31.0	3155	32084	40.2	23.9	9.6	93	81.2	22.4	41.2	54.5	6.7	36.5	3232	30896
NK Brand N70J-3011A	112	C500	1,2,3,4,A	36.6	27.4	10.1	93	82.1	19.3	37.9	52.4	7.4	37.2	3331	33515	45.3	21.8	9.8	92	80.4	19.9	37.8	48.1	7.0	40.2	3219	32533
NuTech/G2 GENETICS 3F-515™	115	P500	1,2,4	34.7	30.7	10.5 *	96	81.1	21.9	41.6	54.1	8.2	31.9	3219	33268	41.8	22.6	9.4	89	81.3	20.5	39.4	52.5	7.6	39.8	3253	30584
NuTech/G2 GENETICS 5H-216™	116	P500	1,2,4	35.6	28.2	9.9	99	79.8	23.5	44.3	53.9	7.0	29.0	3069	29571	46.3	20.9	9.5	89	81.6	20.9	40.0	53.8	7.0	39.9	3265	31097
SEED CONSULTANTS SCS 11HR21™	113	P1250	1,2,4	35.9	30.9	11.0 **	100	81.4	20.4	39.0	51.6	7.7	34.8	3277	36768	44.8	23.4	10.4 **	95	81.6	20.2	38.8	52.5	6.7	39.4	3283	34215
T. A. SEEDS TA765-30	115	C250	1,2,4,6	33.6	30.4	10.3 *	100	80.8	23.2	43.1	55.2	7.5	31.0	3200	33594	45.2	22.1	10.1 *	93	80.6	20.0	38.6	49.8	6.9	39.5	3225	32425
AVERAGE				34.6	29.8	10.3	98	81.1	21.5	41.4	53.9	7.4	33.3	3215	32872	44.3	21.9	9.7	92	81.3	20.4	38.7	51.6	7.0	39.8	3261	31779
HIGHEST				36.6	33.1	11.0	100	82.1	23.5	44.3	55.9	8.2	37.2	3331	36768	46.3	23.9	10.4	95	82.3	22.4	41.2	54.5	7.6	42.2	3326	34215
LOWEST				31.7	27.4	9.4	93	79.8	19.3	37.9	51.6	7.0	29.0	3069	29571	40.2	20.1	9.2	88	80.4	18.9	36.0	47.8	6.7	36.5	3219	30535
CV (%)				5.7	7.4	9.2	4	2.0	7.3	6.1	5.3	6.5	8.5	3	8	5.2	4.9	5.9	4	2.2	8.9	6.7	6.4	6.8	7.6	4	6
LSD (5%)				1.6	1.8	0.7	3	1.4	1.3	2.1	3.5	0.4	2.3	94	2090	2.0	0.9	0.5	3	1.5	1.5	2.1	4.0	0.4	2.5	101	1653

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

2014				Early - TRIAL AVERAGE												Huron - Early											
				YIELD				% QUALITY						MILK 2006		YIELD				% QUALITY						MILK 2006	
BRAND / HYBRID	RM	TRT	TRAIT	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
CHANNEL 202-32STXRIB	104	PV500	1,2,3,4,6	35.5	26.3	9.3	100	80.4	22.9	43.0	54.5	6.3	35.3	3194	30295	37.8	27.0	10.2	100	80.5	21.9	41.9	53.4	6.6	36.5	3205	32735
CROPLAN 4099SS/RIB	99	ACC	1,2,3,6	38.8	26.9	10.4	99	83.0	18.3	38.0	55.1	6.7	40.6	3383	34169	41.0	24.9	10.2	100	82.1	19.2	40.7	56.1	6.9	38.9	3304	32807
CROPLAN 4819AS3000/GT	103	ACC	1,2,3,4	37.5	26.5	9.9	99	80.9	22.4	45.1	57.5	6.2	33.6	3236	32807	40.7	26.0	10.5 *	99	82.2	20.1	39.4	54.7	6.9	40.1	3323	34960
CROPLAN 5369SS/RIB	104	ACC	1,2,3,6	38.1	25.7	9.8	100	82.8	19.4	38.4	55.1	7.0	41.1	3366	33920	39.3	26.2	10.3	100	82.4	19.4	38.3	54.1	7.5	41.8	3343	34362
CROPLAN 5415SS/RIB	104	ACC	1,2,3,6	35.0	31.8	11.2 **	100	81.4	21.5	41.5	55.1	6.4	36.2	3260	36437	38.0	29.6	11.1 **	100	81.2	21.4	41.8	55.0	6.6	37.0	3245	35904
DAIRYLAND SEED EXP-10006	100	C250	1	37.3	27.8	10.4	100	81.9	18.8	38.2	52.8	6.5	41.2	3322	34561	40.7	24.7	10.1	99	82.8	17.7	38.6	55.5	6.7	41.2	3365	33758
DAIRYLAND SEED Hi DF-3197-7	97	C250	1,2,4,6	41.2	24.4	10.2	100	82.5	20.3	39.7	55.9	7.1	40.9	3340	33908	43.6	23.6	10.3	100	83.1	17.9	37.2	54.5	7.5	43.4	3394	34872
DAIRYLAND SEED Hi DF-3702-9	104	C250	1,2,3,4	33.7	30.8	10.3	100	81.9	20.9	42.9	57.9	6.7	36.5	3254	33767	33.4	30.7	10.3	100	81.5	21.1	42.9	56.9	6.9	37.1	3248	34955
DYNAGRO D40SS48	100	P500	1,2,3,4,6	37.4	28.1	10.5	99	82.3	18.4	37.3	52.5	6.5	40.9	3349	35040	39.8	26.4	10.5 *	100	81.9	17.7	36.7	50.7	6.8	42.6	3329	34701
GREAT LAKES 5015STXRIB	100	P500	1,2,3,6	40.0	25.0	10.0	100	82.9	18.8	37.8	54.8	6.6	42.0	3381	34509	41.3	22.7	9.4	100	83.2	16.7	36.6	54.1	7.0	43.7	3407	32074
GREAT LAKES 5283STXRIB	102	P500	1,2,3,6	38.0	28.5	10.8 *	98	82.5	18.4	38.6	54.6	6.7	39.8	3350	35529	40.5	26.0	10.5 *	97	82.2	17.2	39.6	55.2	7.0	40.9	3323	35068
GREAT LAKES 5368VT3PRIB	103	P500	1,2,3	38.1	26.9	10.3	99	81.8	21.6	41.1	55.8	6.3	37.5	3290	33744	39.8	25.6	10.2	97	81.4	21.4	41.7	55.3	6.6	37.3	3257	33127
HYLAND SEEDS 8505RA	101	P250	1,2,3,4,6	36.0	27.3	10.0	100	81.5	19.9	39.4	53.0	6.6	40.4	3285	32777	37.4	24.7	9.6	100	81.8	19.3	40.6	55.3	7.0	40.8	3290	31709
LEGACY SEEDS L-4433 3011A	102	C250	1,2,3,4	40.4	25.4	10.3	100	82.7	18.5	37.2	53.3	7.0	41.3	3371	34656	43.5	23.6	10.3	99	83.4	16.4	34.7	51.9	7.2	44.9	3432	35308
LEGACY SEEDS L-5350 3122 E-Z F	104	C250	1,2,3,4	35.8	29.2	10.4	99	81.5	20.0	39.4	53.0	6.6	37.6	3288	34793	36.8	28.5	10.5 *	100	81.1	20.1	40.7	53.6	6.8	37.4	3250	34022
MASTERS CHOICE MCT-4884	98	C250	1,2,3,4,6	41.5	24.1	10.1	99	81.9	20.0	39.8	54.6	6.9	39.7	3307	33765	45.6	21.2	9.7	98	82.6	17.8	39.8	56.3	7.1	40.8	3342	32349
MASTERS CHOICE MCT-5375	103	C250	1,2,3,4	34.9	28.9	10.1	98	81.7	20.5	40.1	54.4	6.6	37.7	3293	33159	36.5	28.0	10.2	99	81.5	21.0	41.2	55.1	6.7	36.5	3268	33363
MYCOGEN X12421S3	98	C250	1,2,3,4,6	37.6	27.3	10.1	100	81.6	19.5	39.7	53.6	6.3	38.5	3290	33825	41.9	24.3	10.2	100	82.3	16.6	36.8	51.8	6.4	42.0	3352	34163
PIONEER P0255AMXT	102	C250	1,2,3,4,6	36.0	27.9	10.2	100	81.1	21.4	40.8	53.6	6.9	37.6	3247	32449	39.4	26.5	10.4 *	99	80.9	21.9	42.4	54.9	7.1	36.5	3221	33601
RENK RK565GTCBLLRWBL	99	C250	1,2,3,4,6	41.5	25.2	10.4	100	81.6	21.3	40.2	54.1	7.0	37.1	3262	33555	45.8	20.7	9.8	99	81.3	22.3	42.4	55.9	7.3	36.6	3242	31630
RENK RK629VT3P	102	P250	1,2,3	36.9	30.4	11.1 *	99	81.5	23.3	40.8	54.4	6.6	35.1	3218	36697	39.9	27.0	10.8 *	99	81.2	23.3	39.0	51.8	6.9	34.0	3116	33529
SPECIALTY 34A413	104	P500	1,2,3,4,6	37.2	26.9	10.0	100	81.8	20.8	40.4	54.9	6.6	37.2	3294	33992	40.2	24.1	9.7	100	81.5	21.4	40.4	54.3	7.0	37.0	3276	33580
STEYER 10102 VT2PRORIBC	101	C250	1,2,14	39.1	25.1	9.8	98	82.4	20.4	39.6	55.4	6.4	39.5	3333	33233	42.3	22.5	9.5	99	81.5	21.9	41.2	54.9	6.7	38.6	3265	31015
T. A. SEEDS TA477-31	97	C250	3111	44.0	23.0	10.2	100	82.0	20.0	38.7	53.6	7.0	40.3	3322	33842	45.2	21.9	9.9	99	82.5	18.8	38.2	53.9	7.3	42.4	3347	33073
T. A. SEEDS TA545-20	104	C250	3000GT	38.9	27.4	10.6	92	82.5	19.7	38.2	54.2	6.5	39.3	3357	35594	42.5	24.4	10.4 *	87	84.2	17.3	35.9	55.9	6.7	43.1	3471	35957
AVERAGE				38.0	27.1	10.2	99	81.9	20.3	39.8	54.6	6.6	38.7	3304	34041	40.5	25.2	10.1	99	81.9	19.6	39.5	54.3	7.0	39.6	3301	33571
HIGHEST				44.0	31.8	11.2	100	83.0	23.3	45.1	57.9	7.1	42.0	3383	36697	45.8	30.7	11.1	100	84.2	23.3	42.9	56.9	7.9	44.9	3471	35957
LOWEST				33.7	23.0	9.3	92	80.4	18.3	37.2	52.5	6.2	33.6	3194	30295	33.4	20.7	9.4	87	80.4	16.4	34.7	49.8	6.4	34.0	3116	30227
CV (%)				6.1	7.3	7.2	4	2.4	8.7	7.1	6.8	5.8	7.6	4	6	5.8	6.3	5.8	3	2.5	7.1	7.5	6.7	6.0	7.3	4	7
LSD (5%)				1.6	1.3	0.5	3	1.4	1.2	1.9	2.5	0.3	2.0	86	1449	2.8	1.9	0.7	3	2.4	1.7	3.5	6.1	0.5	3.4	160	2917

2 Year Averages 2014 - 2013				Early - TRIAL AVERAGE												Huron - Early											
				YIELD				% QUALITY						MILK 2006		YIELD				% QUALITY						MILK 2006	
BRAND / HYBRID	RM	TRT	TRAIT	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
DAIRYLAND SEED Hi DF-3197-7	97	C250	1,2,4,6	42.2	23.4	9.9	100	83.4	18.9	36.9	54.7	7.5	42.8	3403	33108	41.4	24.2	10.0	99	83.5	17.8	35.9	54.0	7.7	43.5	3420	33238
DAIRYLAND SEED Hi DF-3702-9	104	C250	1,2,3,4	35.5	28.6	10.1	100	82.7	19.4	38.2	54.5	7.1	38.6	3339	33985	33.6	29.6	9.9	99	81.8	20.2	40.1	54.4	7.1	38.0	3287	33505
GREAT LAKES 5015STXRIB	100	P500	1,2,3,6	39.1	25.4	9.9	100	83.7	17.5	35.3	53.8	7.2	43.0	3439	33894	38.2	25.0	9.5	100	83.5	17.4	35.7	53.7	7.5	42.8	3423	32411
GREAT LAKES 5283STXRIB	102	P500	1,2,3,6	38.1	28.0	10.6 *	99	83.1	17.3	35.9	52.8	7.3	41.4	3401	36080	37.4	28.0	10.4 *	99	82.7	17.5	37.3	53.5	7.4	41.0	3363	35119
GREAT LAKES 5368VT3PRIB	103	P500	1,2,3	38.2	27.3	10.4 *	99	83.0	19.3	37.8	54.9	6.8	39.5	3376	34977	37.1	27.4	10.1	99	82.1	20.3	39.3	54.6	6.9	38.1	3314	33418
PIONEER P0255AMXT	102	C250	1,2,3,4,6	37.6	27.1	10.1	100	82.1	19.7	38.5	53.5	7.4	39.0	3318	33273	37.2	26.9	10.0	100	81.5	20.9	39.8	53.3	7.4	38.1	3270	32622
RENK RK565GTCBLLRWBL	99	C250	1,2,3,4,6	42.1	24.5	10.3	100	83.0	18.8	36.3	52.9	7.4	40.4	3376	34331	42.6	22.7	9.7	100	82.5	19.8	38.1	53.7	7.5	39.7	3342	32514
RENK RK629VT3P	102	P250	1,2,3	37.0	29.2	10.8 **	99	82.7	19.8	36.1	52.0	7.3	39.4	3333	36986	37.2	28.3	10.5 *	99	81.7	20.9	37.4	50.9	7.2	37.0	3227	34709
SPECIALTY 34A413	104	P500	1,2,3,4,6	38.3	27.0	10.3	100	83.2	18.6	36.1	53.4	7.3	40.4	3402	35461	38.5	25.5	9.8	99	82.9	19.2	37.1	53.7	7.3	39.2	3376	33953
AVERAGE				38.7	26.7	10.2	100	83.0	18.8	36.8	53.6	7.3	40.5	3376	34677	37.9	26.8	10.1	99	82.4	19.4	37.9	53.6	7.3	39.6	3334	33797
HIGHEST				42.2	29.2	10.8	100	83.7	19.8	38.5	54.9	7.5	43.0	3439	36986	42.6	29.9	10.7	100	83.5	21.0	40.1	54.7	7.7	43.5	3423	35691
LOWEST				35.5	23.4	9.9	99	82.1	17.3	35.3	52.0	6.8	38.6	3318	33108	33.6	22.7	9.5	99	81.2	17.4	35.7	50.9	6.8	36.7	3226	32411
CV (%)				5.8	6.8	6.6	3	2.2	8.8	6.9	6.6	5.6	7.4	4	6	5.3	6.1	6.0	2	2.3	7.9	7.2	6.8	5.9	7.5	4	7
LSD (5%)				1.2	1.0	0.4	2	1.0	0.9	1.4	1.9	0.2	1.6	65	1127	1.7	1.3	0.5	2	1.6	1.3	2.3	4.3	0.4	2.5	107	1955

2014				Ingham - Early												Ottawa - Early											
				YIELD				% QUALITY						MILK 2006		YIELD				% QUALITY						MILK 2006	
BRAND / HYBRID	RM	TRT	TRAIT	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
CHANNEL 202-32STXRIB	104	PV500	1,2,3,4,6	33.9	30.6	10.4	100	78.6	24.6	45.3	52.7	6.1	31.9	3070	31741	34.7	21.5	7.5	100	82.3	22.2	41.8	57.5	6.1	37.4	3307	26409
CROPLAN 4099SS/RIB	99	ACC	1,2,3,6	36.3	31.1	11.3 *	100	83.2	18.9	37.4	54.9	6.7	39.3	3401	38383	39.1	24.6	9.6	99	83.7	16.7	35.8	54.4	6.4	43.7	3443	31318
CROPLAN 4819AS3000/GT	103	ACC	1,2,3,4	32.8	29.5	9.6	99	81.4	24.4	45.7	59.4	6.0	31.0	3222	30926	39.0	24.0	9.4	100	79.1	22.6	50.2	58.4	5.8	29.7	3162	32535
CROPLAN 5369SS/RIB	104	ACC	1,2,3,6	36.2	28.4	10.3	100	82.3	20.3	39.5	55.2	6.8	37.7	3332	34255	38.7	22.5	8.8	100	83.6	18.6	37.3	55.9	6.8	43.8	3423	33144
CROPLAN 5415SS/RIB	104	ACC	1,2,3,6	34.7	32.5	11.3 *	99	82.4	20.5	40.0	56.0	6.2	36.2	3334	37493	32.2	33.4	11.2 **	100	80.5	22.6	42.6	54.2	6.4	35.4	3200	35915
DAIRYLAND SEED EXP-10006	100	C250	1	36.6	30.6	11.2 *	100	83.1	17.9	36.3	53.3	6.7	41.7	3406	37980	34.6	28.2	10.0	100	79.9	20.7	39.7	49.6	6.0	40.8	3195	31946
DAIRYLAND SEED Hi DF-3197-7	97	C250	1,2,4,6	38.5	25.3	10.1	100	82.6	21.8	42.1	58.6	7.0	37.9	3319	33518	41.5	24.4	10.1 *	99	82.0	21.1	39.9	54.8	6.8	41.4	3308	33334
DAIRYLAND SEED Hi DF-3702-9	104	C250	1,2,3,4	32.4	31.3	10.1	100	82.1	21.6	41.7	57.1	6.6	32.1	3237	32702	35.4	30.3	10.4 *	99	82.2	20.0	44.0	59.6	6.7	40.2	3276	33645
DYNAGRO D40SS48	100	P500	1,2,3,4,6	37.7	29.8	11.2 *	98	83.5	16.4	35.8	53.8	6.7	41.2	3432	38322	34.9	28.1	9.8	99	81.5	20.9	39.3	52.9	6.1	38.9	3286	32096
GREAT LAKES 5015STXRIB	100	P500	1,2,3,6	37.5	28.4	10.6	100	83.2	18.9	37.4	55.3	6.6	40.6	3406	36119	41.3	24.0	10.1 *	100	82.3	20.6	39.5	55.2	6.3	41.7	3330	35334
GREAT LAKES 5283STXRIB	102	P500	1,2,3,6	35.4	30.9	11.0 *	99	82.4	19.2	38.2	53.8	6.7	38.0	3348	36661	38.2	28.5	10.9 *	99	82.9	18.8	38.0	55.0	6.4	40.5	3380	34857
GREAT LAKES 5368VT3PRIB	103	P500	1,2,3	38.0	28.9	10.9	99	82.7	20.5	40.0	56.6	6.2	37.2	3349	36589	36.7	26.3	9.7	100	81.5	22.9	41.6	55.4	6.0	38.0	3265	31516
HYLAND SEEDS 8505RA	101	P250	1,2,3,4,6	34.3	28.8	9.9	100	81.7	20.9	39.9	54.2	6.4	38.1	3298	32475	36.3	28.3	10.5 *	100	81.0	19.6	37.7	49.6	6.5	42.4	3268	34147
LEGACY SEEDS L-4433 3011A	102	C250	1,2,3,4	38.9	27.2	10.6	100	83.6	17.7	35.9	54.3	7.2	40.9	3438	36271	38.9	25.3	10.0	100	81.0	21.5	41.0	53.7	6.7	38.2	3243	32388
LEGACY SEEDS L-5350 3122 E-Z F	104	C250	1,2,3,4	35.3	32.7	11.5 *	99	81.8	20.3	39.4	53.7	6.7	36.3	3304	38074	35.4	26.4	9.4	98	81.7	19.5	38.0	51.9	6.5	39.1	3309	32282
MASTERS CHOICE MCT-4884	98	C250	1,2,3,4,6	39.1	26.7	10.8	100	82.2	20.4	39.6	55.2	7.1	37.8	3325	36029	39.7	24.4	9.7	98	81.0	21.7	39.9	52.4	6.5	40.5	3254	32918
MASTERS CHOICE MCT-5375	103	C250	1,2,3,4	34.9	30.1	10.5	99	82.8	18.7	37.7	54.5	6.7	38.9	3380	35350	33.4	28.6	9.5	97	80.9	21.8	41.4	53.7	6.5	37.7	3231	30763
MYCOGEN X12421S3	98	C250	1,2,3,4,6	33.6	32.4	10.7	100	82.4	19.9	39.1	55.1	6.3	37.0	3344	35857	37.2	25.2	9.4	99	80.2	22.0	43.2	54.0	6.1	36.4	3175	31455
PIONEER P0255AMXT	102	C250	1,2,3,4,6	34.7	29.6	10.3	100	81.9	21.1	39.5	53.9	6.5	38.5	3308	32410	34.1	27.8	9.8	100	80.4	21.2	40.5	51.9	7.0	37.7	3213	31337
RENK RK565GTCBLLRWBL	99	C250	1,2,3,4,6	38.9	28.6	11.1 *	100	82.7	20.0	37.2	53.5	7.0	37.3	3320	35215	40.0	26.3	10.5 *	100	80.7	21.8	41.0	52.8	6.6	37.6	3223	33821
RENK RK629VT3P	102	P250	1,2,3	35.5	33.3	11.8 **	99	83.4	20.5	36.4	54.4	6.8	40.5	3423	42772	35.2	31.1	10.9 *	99	79.8	26.0	47.0	57.1	6.2	30.9	3114	33789
SPECIALTY 34A413	104	P500	1,2,3,4,6	35.7	30.9	11.1 *	100	82.8	20.2	38.2	55.1	6.6	38.5	3375	37214	35.6	25.6	9.2	100	81.1	20.9	42.5	55.4	6.3	36.2	3232	31183
STEYER 10102 VT2PRORIBC	101	C250	1,2,14	37.9	26.2	10.0	97	82.9	17.9	37.1	53.9	6.3	41.5	3392	35549	37.1	26.6	9.9	98	82.7	21.4	40.7	57.3	6.1	38.5	3342	33136
T. A. SEEDS TA477-31	97	C250	3111	43.0	23.1	10.2	100	82.0	21.0	39.4	54.5	6.9	37.5	3316	33785	43.9	24.0	10.5 *	100	81.7	20.1	38.5	52.3	6.9	41.0	3302	34669
T. A. SEEDS TA545-20	104	C250	3000GT	36.9	29.1	10.8	96	81.7	20.1	38.8	52.7	6.3	38.4	3305	35553	37.5	28.6	10.7 *	95	81.7	21.8	39.9	54.1	6.6	36.4	3294	35270
AVERAGE				36.4	29.3	10.6	99	82.3	20.2	39.0	54.7	6.6	38.0	3335	35538	37.3	26.3	9.8	98	81.4	21.1	40.8	54.4	6.4	38.7	3272	32581
HIGHEST				43.0	33.3	11.8	100	83.6	24.6	45.7	59.4	7.2	42.3	3438	42772	43.9	33.4	11.2	100	83.7	26.0	50.2	59.6	7.0	43.8	3443	35915
LOWEST				32.4	23.1	9.6	91	78.6	16.4	35.8	49.5	6.0	31.0	3070	30926	32.2	19.9	7.5	81	79.1	16.7	35.8	49.6	5.8	29.7	3114	26409
CV (%)				5.9	6.5	6.5	3	2.1	8.4	6.6	5.5	5.5	7.1	3	6	6.3	7.8	9.2	5	2.7	10.4	7.1	7.9	5.9	8.3	4	6
LSD (5%)				2.5	2.2	0.8	4	2.0	2.0	3.0	5.0	0.4	3.2	129	2531	2.8	2.4	1.1	6	2.6	2.6	3.4	7.2	0.5	3.8	160	2201

2 Year Averages 2014 - 2013				Ingham - Early												Ottawa - Early											
				YIELD				% QUALITY						MILK 2006		YIELD				% QUALITY						MILK 2006	
BRAND / HYBRID	RM	TRT	TRAIT	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
DAIRYLAND SEED Hi DF-3197-7	97	C250	1,2,4,6	43.0	22.6	9.8	100	83.2	19.9	37.9	55.4	7.4	42.1	3386	32979												
DAIRYLAND SEED Hi DF-3702-9	104	C250	1,2,3,4	37.5	27.7	10.2	100	83.6	18.6	36.4	54.5	7.0	39.3	3391	34465												
GREAT LAKES 5015STXRIB	100	P500	1,2,3,6	39.9	25.9	10.2	100	83.9	17.5	35.0	53.9	7.0	43.1	3455	35378												
GREAT LAKES 5283STXRIB	102	P500	1,2,3,6	38.8	28.0	10.8 *	99	83.6	17.1	34.5	52.1	7.2	41.9	3439	37041												
GREAT LAKES 5368VT3PRIB	103	P500	1,2,3	39.3	27.2	10.6 *	100	83.8	18.4	36.3	55.2	6.8	40.8	3437	36536												
PIONEER P0255AMXT	102	C250	1,2,3,4,6	38.1	27.3	10.3	100	82.8	18.6	37.2	53.6	7.3	39.9	3367	33924												
RENK RK565GTCBLLRWBL	99	C250	1,2,3,4,6	41.6	26.3	10.8 *	100	83.6	17.8	34.5	52.2	7.4	41.2	3409	36148												
RENK RK629VT3P	102	P250	1,2,3	36.9	30.1	11.1 **	99	83.7	18.6	34.9	53.1	7.4	41.9	3439	39263												
SPECIALTY 34A413	104	P500	1,2,3,4,6	38.1	28.5	10.8 *	100	83.5	18.0	35.2	53.0	7.3	41.7	3428	36969												
AVERAGE				38.8	27.3	10.5	100	83.4	18.6	36.2	54.0	7.1	40.8	3408	35701												
HIGHEST				43.0	30.1	11.1	100	83.9	20.7	39.6	56.3	7.4	43.1	3455	39263												
LOWEST				36.3	22.6	9.8	99	82.8	17.1	34.5	52.1	6.6	37.2	3351	32979												
CV (%)				5.8	6.2	5.8	2	1.9	8.2	6.4	5.4	5.2	6.7	3	6												
LSD (5%)				1.8	1.4	0.5	2	1.3	1.3	2.0	3.4	0.3	2.2	86	1705												

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

2014				Late - TRIAL AVERAGE												Huron - Late											
				YIELD				% QUALITY						MILK 2006		YIELD				% QUALITY						MILK 2006	
BRAND / HYBRID	RM	TRT	TRAIT	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
AGRIGOLD A6408VT3PRIB	107	P500	1,2,3	36.5	26.9	9.9	99	81.5	20.4	39.0	52.7	6.8	39.4	3295	32401	35.6	28.8	10.3	100	80.2	22.7	41.6	52.5	7.2	37.6	3198	32778
AGRIGOLD A6416STXRIB	107	P500	1,2,3,4,6	34.1	30.7	10.3	100	82.1	20.4	40.1	55.3	6.9	37.8	3317	33921	34.6	28.2	9.8	100	80.3	22.4	42.7	53.8	6.9	34.9	3193	31176
AGRIGOLD A6442STXRIB	109	P500	1,2,3,4,6	34.6	31.1	10.7	97	81.6	20.4	39.7	53.7	6.8	36.8	3295	33852	35.2	29.4	10.3	100	80.8	22.3	42.5	54.8	6.9	34.1	3223	33261
CHANNEL 207-13VT3PRIB	107	PV500	1,2,3,4,6	35.1	32.4	11.3	94	82.5	17.9	36.6	52.0	6.9	40.7	3368	37923	36.2	29.5	10.7 *	94	82.7	16.6	35.3	51.0	7.0	42.3	3393	37983
CROPLAN 5887VT3P/RIB	107	ACC	1,2,3,6	34.5	32.5	11.2	99	82.3	19.0	38.7	54.3	6.7	39.2	3345	38455	35.7	31.1	11.2 **	99	82.0	18.7	39.9	55.0	6.8	39.6	3314	38434
DAIRYLAND SEED EXP-10509	105	C250	1	35.2	30.5	10.7	97	81.5	20.3	39.3	53.0	6.6	39.6	3293	35209	37.7	27.6	10.4 *	100	82.2	19.3	38.7	54.1	6.6	40.6	3339	34728
DAIRYLAND SEED Hi DF-3108RA	108	C250	1,2,3,4,6	32.4	31.9	10.5	100	82.3	20.6	39.8	55.4	6.7	35.8	3330	37245	29.6	31.8	10.0	99	81.7	21.7	41.5	55.9	6.6	34.9	3284	35779
DAIRYLAND SEED Hi DF-3510SSX	110	C250	1,2,3,4,6	30.7	36.4	11.2	100	81.3	21.6	41.1	54.5	6.8	35.3	3265	36420	32.0	34.0	10.9 *	100	82.0	21.6	41.7	56.9	6.7	34.9	3299	35915
DYNAGRO D46SS46	106	P500	1,2,3,4,6	35.8	29.9	10.6	100	81.4	21.1	41.2	54.9	6.6	38.4	3271	34391	35.8	26.5	9.5	99	79.4	23.1	44.7	53.8	6.3	35.9	3126	29695
DYNAGRO D50SS43	110	P500	1,2,3,4,6	35.3	31.4	11.1	100	81.4	20.9	40.3	53.9	7.0	36.2	3277	36768	34.6	29.3	10.1	100	79.2	23.9	44.9	53.6	7.0	31.3	3108	32450
GOLDEN HARVEST G05T82-3122	105	C500	1,2,3,4,6	35.8	29.1	10.5	98	82.8	19.3	38.7	55.5	6.6	38.9	3371	36384	35.9	28.5	10.2	96	82.0	20.2	39.6	54.5	6.7	38.5	3319	33977
GOLDEN HARVEST G07V88-3000GT	107	C500	1,2,3,4,6	36.9	31.0	11.4 *	99	82.0	21.9	40.5	55.6	6.5	38.0	3312	38185	37.9	27.2	10.3	97	81.1	23.2	43.1	56.2	6.4	36.2	3235	34970
GOLDEN HARVEST G08X83-3110	108	C250	1,2,4,6	32.8	34.1	11.1	100	81.7	20.3	40.3	54.6	7.2	36.7	3289	36547	33.2	31.3	10.4 *	100	79.6	21.8	44.1	53.7	7.0	35.2	3142	32580
GOLDEN HARVEST G09E98-3000GT	109	C500	1,2,3,4	35.3	31.2	11.0	99	84.2	17.6	36.4	56.8	6.8	40.0	3475	38989	35.6	30.9	11.0 *	100	84.5	17.2	36.9	58.1	6.8	39.0	3484	40108
GREAT LAKES 5566STX	105	P500	1,2,3,6	37.3	27.4	10.3	100	81.9	19.1	38.2	52.7	7.0	40.6	3326	34128	36.3	26.3	9.5	100	81.2	20.6	39.6	52.4	7.1	40.3	3270	31179
GREAT LAKES 5755STXRIB	107	P500	1,2,3,6	34.8	31.4	10.9	99	82.1	20.5	39.6	54.8	7.2	38.0	3320	35371	34.6	28.5	9.8	99	79.6	24.2	45.2	54.8	7.1	33.1	3127	30683
GREAT LAKES 5918STX	109	P500	1,2,3,6	36.8	27.7	10.1	98	82.3	19.4	38.7	54.1	6.8	37.7	3336	34330	37.4	25.4	9.5	99	80.9	22.1	42.9	55.6	6.5	32.6	3213	30463
GREAT LAKES 6068STXRIB	110	P500	1,2,3,6	35.3	31.2	11.0	98	82.0	20.9	39.8	54.8	6.8	37.0	3314	37244	36.1	29.1	10.5 *	98	81.2	21.3	41.8	55.0	6.8	35.9	3253	34183
HYLAND SEEDS 4687	110	C250	1,2,3,4	36.1	30.1	10.9	100	82.1	20.6	40.0	55.2	6.9	37.9	3319	36349	37.4	26.1	9.8	100	81.0	23.3	44.5	57.3	6.2	34.0	3216	31384
HYLAND SEEDS 8652RA	108	C250	1,2,3,4,6	34.5	31.6	10.8	98	79.0	23.2	43.3	51.4	6.8	35.4	3114	33600	36.0	27.3	9.8	100	78.8	23.3	43.3	51.0	6.3	35.0	3105	30540
LEGACY SEEDS L-5810 3000GT	106	C250	1,2,3,4	36.9	28.8	10.7	95	83.7	18.8	37.5	56.6	6.6	39.8	3418	37062	37.0	28.4	10.5 *	94	83.9	17.5	37.8	57.4	6.6	40.7	3443	37832
LEGEND 9507 GTCBLL	107	C250	1,2,4	38.5	29.0	11.2	100	81.9	21.1	38.9	53.5	6.3	39.5	3321	37162	37.8	26.6	10.1	99	81.7	21.0	40.8	55.1	5.8	39.2	3293	34870
MASTERS CHOICE MCT-5663	106	C250	1,2,3,4	36.7	30.5	11.0	95	83.4	19.9	38.7	57.2	6.6	38.9	3406	37624	35.6	28.4	10.1	98	80.8	22.3	43.0	55.4	6.3	35.4	3221	32507
NK Brand N53W-3122	105	C500	1,2,3,4,6	36.7	30.8	11.3	99	82.3	18.9	38.4	53.9	7.0	39.4	3345	38341	36.7	27.3	10.0	99	80.8	20.2	42.0	54.4	6.7	36.6	3230	33619
NK Brand N61P-3000GT Brand	107	C500	1,2,3,4	38.2	28.5	10.9	99	82.0	21.2	39.7	54.6	6.4	39.3	3318	36219	37.5	27.3	10.2	100	80.4	24.6	45.1	56.4	6.2	34.2	3176	32505
NK Brand N61X-3110	108	C500	1,2,4,6	32.8	33.7	11.0	99	81.5	20.7	40.7	54.6	7.0	37.1	3278	36153	32.4	30.2	9.8	100	80.8	22.0	43.0	55.2	6.7	35.6	3217	31453
NK Brand N63R-3000GT Brand	109	C500	1,2,3,4	34.4	34.6	11.9 **	99	83.6	18.5	37.4	56.1	7.0	39.3	3427	40743	34.8	31.6	11.0 *	100	83.6	19.5	39.2	58.1	6.7	37.5	3412	37478
NuTech 3A-306™	106	C500	1	36.4	29.5	10.5	96	80.4	21.7	42.3	53.8	6.8	34.7	3203	33785	35.8	27.9	10.0	100	78.8	24.1	45.9	53.7	6.8	31.2	3077	30691
NuTech 5V-0508™	105	C500	1,2,3,4	37.8	28.0	10.4	99	81.4	20.5	40.0	53.6	6.9	38.8	3279	33991	39.2	25.7	10.1	99	80.8	21.0	41.3	53.4	7.0	38.3	3232	32552
NuTech/G2 GENETICS 5D-109™	109	P500	1,2,3,4	33.2	31.5	10.4	98	82.0	20.5	39.8	54.7	6.9	36.0	3302	33889	33.6	28.9	9.7	97	80.8	21.9	42.7	55.0	6.8	34.3	3222	31335
NuTech/G2 GENETICS 5F-709™	109	P500	1,2,4	35.8	29.2	10.4	99	84.1	17.9	35.7	55.5	7.0	41.9	3474	36613	35.9	28.0	10.1	100	82.8	19.1	38.3	55.1	7.4	39.2	3372	33890
NuTech/G2 GENETICS 5F-805™	105	P500	1,2,4	37.1	29.7	10.9	97	83.7	18.4	36.6	55.3	7.1	42.2	3437	37366	38.3	26.6	10.2	96	82.9	19.5	40.7	58.0	6.9	38.5	3357	34238
NuTech/G2 GENETICS 5H-806™	106	P500	1,2,4	36.8	29.6	10.8	99	83.6	19.5	38.1	56.9	7.0	39.7	3421	36377	36.5	29.1	10.6 *	99	83.2	19.8	39.5	57.5	6.8	38.7	3389	35938
NuTech/G2 GENETICS 5H-905™	105	P500	1,2,4	38.2	26.9	10.2	100	82.4	20.9	41.2	57.2	6.7	39.5	3324	33796	38.5	25.8	9.9	100	82.4	21.6	42.2	58.2	6.7	39.0	3313	32816
NuTech/G2 GENETICS 5Z-0801™	108	P1250	1,2,4	34.2	34.6	11.7 *	99	81.7	21.3	40.4	54.8	6.5	36.7	3294	37824	33.5	32.4	10.9 *	99	80.7	22.3	42.5	54.6	6.6	35.0	3219	34943
PIONEER P0506AM	105	P1250	1,2,3,4,6	36.3	31.3	11.1	100	83.1	19.5	37.7	55.2	7.1	40.1	3383	37496	34.9	29.9	10.4 *	99	81.0	22.4	41.7	54.6	7.1	38.1	3243	33851
PIONEER P0783XR	107	C250	1,2,3,4,6,7	40.9	22.8	9.1	99	87.1	16.7	35.3	63.4	7.6	41.8	3639	33813	39.8	22.4	9.0	99	86.4	17.1	36.3	62.5	7.7	41.3	3596	32197
PIONEER P0970AMXT	112	C250	1,2,3,4,6	33.0	32.8	10.8	99	82.4	21.0	39.2	55.1	7.1	37.5	3341	34916	34.9	29.8	10.4 *	100	81.6	20.4	39.7	53.6	7.0	38.2	3294	30361
PIONEER P1180XR	111	C250	1,2,3,4,6,7	31.9	28.4	9.1	98	87.0	17.3	37.0	65.0	7.7	39.0	3623	33688	31.8	26.9	8.6	97	86.1	17.8	37.9	63.3	8.0	39.3	3560	30567
RENK RK712SSTX	106	P500	1,2,3,4,6	35.2	29.9	10.5	100	81.9	20.7	39.8	54.5	7.1	37.6	3309	35347	34.8	27.7	9.7	100	80.7	22.9	42.3	54.3	7.1	36.4	3219	31053
SPECIALTY 46R02GENVT2P	109	P500	1,2	34.9	31.2	10.9	99	81.4	19.9	39.3	52.8	6.5	37.4	3289	35706	34.3	30.5	10.4 *	100	79.7	20.9	41.6	51.1	6.6	35.9	3169	33022
SPECIALTY EXP106	106	P500	1,2,3,4,6	37.6	29.1	11.0	100	82.8	18.5	37.3	53.9	6.6	40.2	3384	36732	36.0	26.7	9.6	100	82.0	19.4	39.4	54.2	6.3	38.5	3320	31905
T. A. SEEDS TA108-18	108	C250	GT	34.7	32.2	11.1	99	81.7	20.4	39.7	54.0	6.5	37.6	3303	36750	34.2	28.7	9.8	99	79.1	23.6	44.5	53.1	6.2	34.3	3114	30561
T. A. SEEDS TA583-22DPRIB	108	C250	VT2P	34.6	31.0	10.7	99	82.5	20.0	39.3	55.4	6.9	38.2	3347	35726	34.0	29.3	9.9	99	80.7	22.4	43.4	55.5	7.0	35.8	3209	31875
T. A. SEEDS TA625-31	110	C250	3110	34.3	32.4	11.1	100	81.1	21.3	40.3	53.1	6.8	37.2	3260	36692	33.0	29.3	9.7	100	81.0	20.4	39.9	52.3	6.5	36.9	3256	33444

AVERAGE				35.5	30.7	10.8	98	82.2	20.1	39.3	54.7	6.8	38.4	3330	36143	35.5	28.5	10.1	99	81.4	21.2	41.4	55.1	6.8	36.7	3267	33284
HIGHEST				38.2	36.4	11.9	100	84.2	23.2	43.3	57.2	7.2	42.2	3475	40743	39.8	34.0	11.2	100	86.4	24.6	45.9	63.3	8.0	42.3	3596	40108
LOWEST				30.7	26.9	9.9	94	79.0	17.6	35.7	51.4	6.4	34.7	3114	32401	29.6	22.4	8.6	94	78.8	16.6	35.3	51.0	5.8	31.2	3077	29695
CV (%)				5.3	6.6	7.5	3	1.9	8.3	6.0	5.0	5.0	7.2	3	6	4.8	4.9	6.6	2	2.3	7.0	6.1	5.7	5.2	7.2	4	7
LSD (5%)				1.3	1.4	0.5	2	1.1	1.1	1.6	1.9	0.2	1.9	71	1533	2.0	1.6	0.8	2	2.2	1.7	2.9	5.2	0.4	3.1	143	2642

				Late - TRIAL AVERAGE												Huron - Late											
2 Year Averages 2014 - 2013				YIELD				% QUALITY						MILK 2006		YIELD				% QUALITY						MILK 2006	
BRAND / HYBRID	RM	TRT	TRAIT	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
AGRIGOLD A6408VT3PRIB	107	P500	1,2,3	38.7	26.5	10.2	99	81.5	20.1	38.3	51.6	7.1	39.9	3290	33631	36.0	27.3	9.8	100	80.7	21.7	40.3	52.0	7.0	37.9	3227	31528
CHANNEL 207-13VT3PRIB	107	PV500	1,2,3,4,6	37.2	29.5	11.0 *	96	82.4	18.2	36.8	52.2	7.2	39.7	3353	36581	37.4	27.8	10.4 **	97	82.6	17.7	36.0	51.7	7.1	40.9	3373	35880
DAIRYLAND SEED Hi DF-3108RA	108	C250	1,2,3,4,6	33.4	30.7	10.4	100	81.4	21.0	40.2	53.7	6.8	35.2	3266	35098	31.1	30.1	9.6	100	81.0	21.9	41.4	54.0	6.7	33.9	3233	33166
DAIRYLAND SEED Hi DF-3510SSX	110	C250	1,2,3,4,6	31.8	33.7	10.7 *	99	81.3	21.6	40.6	54.0	6.9	35.1	3232	34676	31.5	31.9	10.0 *	99	81.2	22.4	41.5	54.7	6.7	33.2	3197	32149
DYNAGRO D50SS43	110	P500	1,2,3,4,6	36.9	29.1	10.7 *	100	81.1	20.4	39.9	52.7	7.1	36.6	3255	35679	34.7	27.3	9.3	100	79.8	22.1	42.7	52.6	7.0	33.5	3152	30864
GOLDEN HARVEST G05T82-3122	105	C500	1,2,3,4,6	38.4	27.8	10.7 *	98	83.3	18.0	36.2	53.7	7.1	41.0	3411	37346	37.1	26.4	9.8	97	82.6	19.0	37.3	53.3	7.0	39.9	3363	33723
GOLDEN HARVEST G08X83-3110	108	C250	1,2,4,6	35.2	30.5	10.7 *	100	81.5	19.8	39.5	53.0	7.7	37.0	3275	35068	33.8	29.8	10.1 *	100	80.5	21.0	41.5	52.8	7.5	35.3	3201	32222
GOLDEN HARVEST G09E98-3000GT	109	C500	1,2,3,4	37.3	29.7	11.1 **	98	84.0	17.4	35.5	55.1	7.1	39.9	3460	38872	36.1	28.8	10.4 **	98	83.6	18.2	36.9	55.6	6.9	38.4	3426	36471
HYLAND SEEDS 4687	110	C250	1,2,3,4	37.6	27.3	10.3	98	82.6	20.1	39.0	55.3	6.8	38.8	3349	34465	36.3	26.5	9.6	100	81.6	22.2	41.9	56.1	6.5	36.4	3265	31364
LEGACY SEEDS L-5810 3000GT	106	C250	1,2,3,4	38.1	27.6	10.5	96	83.6	18.3	36.5	55.0	7.0	40.9	3427	36849	36.8	27.4	10.1 *	97	83.4	18.6	37.1	55.4	6.8	40.3	3414	36183
MASTERS CHOICE MCT-5663	106	C250	1,2,3,4	36.8	28.1	10.4	96	82.9	20.0	38.5	55.5	6.9	38.5	3370	34915	34.7	27.6	9.6	99	81.8	20.9	40.0	54.5	6.6	37.3	3295	31497
NK Brand N53W-3122	105	C500	1,2,3,4,6	37.9	27.9	10.6	99	81.9	19.4	38.4	52.7	7.2	38.6	3311	35392	37.5	26.0	9.7	99	81.9	19.1	38.5	53.0	6.9	39.0	3316	32716
NK Brand N61X-3110	108	C500	1,2,4,6	35.3	30.2	10.7 *	99	82.0	19.8	39.3	54.1	7.3	37.2	3306	35403	33.5	28.9	9.7	100	81.2	21.1	41.3	54.2	7.1	35.7	3243	31376
NuTech 3A-306™	106	C500	1	36.7	27.1	10.0	98	80.6	21.3	41.5	53.2	6.9	35.0	3209	31925	34.9	27.2	9.5	100	80.2	22.7	43.2	54.1	7.0	33.6	3170	29991
NuTech/G2 GENETICS 5H-806™	106	P500	1,2,4	38.1	26.6	10.1	97	83.7	18.4	36.7	55.6	7.2	40.7	3432	34359	37.6	26.4	9.8	99	83.2	19.1	38.0	55.7	6.9	39.8	3390	33362
AVERAGE				36.6	28.8	10.5	98	82.3	19.6	38.4	53.8	7.1	38.3	3330	35351	35.3	28.0	9.8	99	81.7	20.5	39.8	54.0	6.9	37.0	3284	32833
HIGHEST				38.7	33.7	11.1	100	84.0	21.6	41.5	55.6	7.7	41.0	3460	38872	37.6	31.9	10.4	100	83.6	22.7	43.2	56.1	7.5	40.9	3426	36471
LOWEST				31.8	26.5	10.0	96	80.6	17.4	35.5	51.6	6.8	35.0	3209	31925	31.1	26.0	9.3	97	79.8	17.7	36.0	51.7	6.5	33.2	3152	29991
CV (%)				5.3	6.3	7.0	3	1.8	8.0	6.1	4.4	5.2	6.9	3	6	5.1	5.6	6.3	2	2.1	7.5	6.3	4.9	6.1	7.2	4	7
LSD (5%)				1.0	1.0	0.4	1	0.8	0.8	1.3	1.3	0.2	1.4	54	1197	1.5	1.3	0.5	2	1.4	1.3	2.1	3.1	0.3	2.2	97	1769

- Table 8L Continued On Page 42.

2014				Ingham - Late												Ottawa - Late											
				YIELD				% QUALITY						MILK 2006		YIELD				% QUALITY						MILK 2006	
BRAND / HYBRID	RM	TRT	TRAIT	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
AGRIGOLD A6408VT3PRIB	107	P500	1,2,3	40.4	26.9	10.9	96	82.0	19.3	37.8	52.5	7.0	40.9	3335	36234	33.4	24.9	8.4	100	82.3	19.1	37.7	53.0	6.4	39.7	3352	28192
AGRIGOLD A6416STXRIB	107	P500	1,2,3,4,6	38.2	29.7	11.3	100	84.6	16.9	36.8	58.0	6.7	43.8	3493	39454	29.4	34.1	9.9	99	81.3	21.8	40.7	54.1	7.2	34.6	3266	31132
AGRIGOLD A6442STXRIB	109	P500	1,2,3,4,6	37.7	30.1	11.4	94	81.5	20.3	39.6	53.1	6.8	37.0	3286	35099	30.9	34.0	10.5	97	82.7	18.7	37.2	53.2	6.6	39.3	3376	33196
CHANNEL 207-13VT3PRIB	107	PV500	1,2,3,4,6	36.7	32.2	11.9 *	94	82.6	18.5	37.6	53.6	6.7	39.6	3367	37257	32.5	35.4	11.5 *	94	82.1	18.8	36.9	51.5	7.0	40.3	3345	38530
CROPLAN 5887VT3P/RIB	107	ACC	1,2,3,6	37.0	31.6	11.7	99	83.3	17.7	36.3	53.9	6.6	41.5	3419	41717	30.7	34.7	10.7	100	81.8	20.7	39.8	54.1	6.6	36.7	3301	35214
DAIRYLAND SEED EXP-10509	105	C250	1	35.6	32.1	11.4	96	80.0	22.1	41.6	52.1	6.6	36.8	3188	36461	32.4	31.9	10.3	96	82.3	19.5	37.5	53.0	6.5	41.5	3353	34437
DAIRYLAND SEED Hi DF-3108RA	108	C250	1,2,3,4,6	37.3	31.9	11.9 *	100	82.8	19.5	38.3	55.2	6.8	37.0	3377	40079	30.4	32.1	9.7	100	82.3	20.7	39.7	55.3	6.9	35.5	3329	35876
DAIRYLAND SEED Hi DF-3510SSX	110	C250	1,2,3,4,6	32.3	36.5	11.8	100	82.2	19.5	38.3	53.5	7.2	38.5	3339	39414	27.7	38.8	10.8	100	79.8	23.6	43.1	53.1	6.7	32.6	3156	33930
DYNAGRO D46SS46	106	P500	1,2,3,4,6	41.0	29.2	12.0 *	99	83.3	18.8	38.2	56.1	6.9	42.7	3402	39540	30.5	34.0	10.4	100	81.6	21.4	40.7	54.8	6.5	36.6	3284	33937
DYNAGRO D50SS43	110	P500	1,2,3,4,6	39.3	32.1	12.6 *	100	82.4	19.4	38.2	54.0	7.0	39.5	3354	42151	32.1	33.0	10.6	100	82.7	19.4	37.9	54.3	7.0	37.9	3368	35704
GOLDEN HARVEST G05T82-3122	105	C500	1,2,3,4,6	39.9	29.8	11.9 *	99	84.1	17.2	36.7	56.4	6.8	41.3	3461	42992	31.6	28.9	9.3	100	82.3	20.7	39.9	55.6	6.4	36.8	3332	32184
GOLDEN HARVEST G07V88-3000GT	107	C500	1,2,3,4,6	38.6	29.0	11.2	100	82.5	21.3	39.4	55.5	6.3	39.4	3349	37404	34.3	36.8	12.6 **	99	82.6	21.2	38.9	55.2	6.9	38.5	3352	42181
GOLDEN HARVEST G08X83-3110	108	C250	1,2,4,6	35.4	33.1	11.7	100	82.2	19.5	39.3	54.7	7.5	37.6	3331	38789	29.8	38.1	11.3	100	83.3	19.7	37.5	55.3	7.0	37.4	3394	38272
GOLDEN HARVEST G09E98-3000GT	109	C500	1,2,3,4	39.3	32.5	12.8 **	97	85.3	15.9	33.9	56.4	7.1	42.9	3555	45454	31.0	30.2	9.3	100	83.0	19.8	38.5	55.9	6.4	38.2	3386	31404
GREAT LAKES 5566STX	105	P500	1,2,3,6	41.7	26.1	11.2	100	82.2	18.7	38.1	53.3	7.0	40.8	3343	37269	33.8	29.9	10.1	100	82.5	18.1	36.9	52.5	7.0	40.8	3365	33936
GREAT LAKES 5755STXRIB	107	P500	1,2,3,6	38.1	29.9	11.4	99	83.3	18.5	37.1	55.0	7.1	41.0	3414	38745	31.9	35.9	11.5 *	99	83.3	18.6	36.5	54.5	7.4	40.0	3418	36684
GREAT LAKES 5918STX	109	P500	1,2,3,6	39.5	27.4	10.8	99	83.3	18.8	37.9	56.0	6.7	39.3	3408	38132	33.6	30.2	10.2	97	82.6	17.5	35.3	50.8	7.1	41.3	3387	34397
GREAT LAKES 6068STXRIB	110	P500	1,2,3,6	38.6	31.1	12.0 *	95	82.9	20.9	38.4	55.4	6.4	38.1	3379	42487	31.3	33.5	10.6	100	81.9	20.4	39.3	54.0	7.1	36.9	3312	35064
HYLAND SEEDS 4687	110	C250	1,2,3,4	39.2	29.2	11.4	100	83.9	18.0	36.9	56.4	7.1	41.0	3452	39420	31.7	34.9	11.6 *	100	81.4	20.4	38.6	51.9	7.4	38.8	3290	38243
HYLAND SEEDS 8652RA	108	C250	1,2,3,4,6	36.1	32.1	11.3	96	78.1	22.1	41.9	47.7	7.4	38.5	3074	34592	31.4	35.5	11.3	99	80.1	24.3	44.6	55.3	6.8	32.8	3161	35668
LEGACY SEEDS L-5810 3000GT	106	C250	1,2,3,4	42.2	26.3	11.1	94	84.6	17.2	35.3	56.3	6.8	43.0	3504	39014	31.6	31.8	10.4	96	82.7	21.6	39.2	56.0	6.5	35.8	3307	34341
LEGEND 9507 GTCBLL	107	C250	1,2,4	43.1	27.1	11.9 *	100	83.5	20.1	34.8	52.8	6.7	44.1	3448	39373	34.7	33.3	11.6 *	100	80.6	22.2	41.0	52.6	6.4	35.2	3223	37243
MASTERS CHOICE MCT-5663	106	C250	1,2,3,4	39.7	29.7	11.8	89	84.1	20.8	39.4	59.4	6.8	38.2	3435	40379	34.9	33.3	11.2	97	85.4	16.8	33.8	56.6	6.7	43.0	3562	39987
NK Brand N53W-3122	105	C500	1,2,3,4,6	39.5	32.0	12.8 **	98	82.2	19.9	39.1	54.5	7.3	38.4	3330	42573	33.8	33.1	11.2	100	83.9	16.6	34.0	52.7	7.1	43.2	3474	38832
NK Brand N61P-3000GT Brand	107	C500	1,2,3,4	42.1	26.5	11.3	97	83.0	19.5	36.7	53.5	6.6	42.8	3398	38332	35.1	31.9	11.2	100	82.8	19.6	37.5	54.0	6.4	41.1	3381	37820
NK Brand N61X-3110	108	C500	1,2,4,6	36.8	33.9	12.4 *	99	82.8	18.9	38.4	55.1	7.0	38.6	3372	41875	29.2	37.0	10.8	97	81.0	21.3	40.8	53.4	7.2	37.0	3245	35132
NK Brand N63R-3000GT Brand	109	C500	1,2,3,4	37.1	34.1	12.7 *	100	84.2	17.3	36.6	56.7	7.3	41.0	3466	43892	31.5	38.2	12.0 *	98	83.0	18.7	36.5	53.5	7.2	39.5	3401	40860
NuTech 3A-306™	106	C500	1	40.5	27.7	11.2	94	80.9	20.3	40.4	52.7	6.8	36.6	3247	36397	33.1	32.9	10.4	94	81.7	20.8	40.7	54.9	6.7	36.3	3286	34266
NuTech 5V-0508™	105	C500	1,2,3,4	39.2	27.5	10.8	100	80.8	21.0	40.7	52.9	7.0	37.0	3240	34849	35.1	30.7	10.3	98	82.6	19.6	38.1	54.4	6.8	41.1	3364	34573
NuTech/G2 GENETICS 5D-109™	109	P500	1,2,3,4	35.8	32.4	11.6	98	81.7	19.3	38.6	52.6	6.9	38.2	3310	38485	30.2	33.2	9.9	98	83.5	20.3	38.2	56.6	7.0	35.4	3373	31848
NuTech/G2 GENETICS 5F-709™	109	P500	1,2,4	39.6	29.0	11.4	97	84.0	17.1	34.7	53.8	7.1	43.0	3474	39592	32.0	30.5	9.7	99	85.7	17.6	34.2	57.7	6.6	43.7	3575	36356
NuTech/G2 GENETICS 5F-805™	105	P500	1,2,4	39.6	27.3	10.8	94	83.1	19.5	35.7	52.4	6.9	43.4	3411	36684	33.4	35.2	11.6 *	100	85.1	16.2	33.5	55.5	7.5	44.7	3544	41175
NuTech/G2 GENETICS 5H-806™	106	P500	1,2,4	39.6	27.2	10.8	96	84.1	18.4	36.5	56.5	7.1	41.6	3466	37246	34.2	32.6	11.2	100	83.5	20.4	38.3	56.8	7.1	38.7	3409	35947
NuTech/G2 GENETICS 5H-905™	105	P500	1,2,4	41.1	25.0	10.2	100	83.7	19.5	38.9	58.0	6.4	40.2	3422	34924	35.1	29.9	10.4	100	81.1	21.7	42.5	55.5	6.9	39.4	3237	33649
NuTech/G2 GENETICS 5Z-0801™	108	P1250	1,2,4	37.9	31.2	11.9 *	99	82.3	20.2	39.2	54.9	6.1	38.3	3343	38335	31.1	40.3	12.3 *	100	82.1	21.4	39.6	54.8	6.8	36.7	3321	40193
PIONEER P0506AM	105	P1250	1,2,3,4,6	43.3	27.9	11.7	99	84.7	17.2	35.3	56.7	7.1	44.0	3512	40988	30.8	36.1	11.1	100	83.5	18.8	36.2	54.5	7.2	38.2	3393	37648
PIONEER P0783XR	107	C250	1,2,3,4,6,7	48.5	21.0	9.7	97	88.4	14.8	32.6	64.4	7.5	45.7	3731	36259	34.3	25.0	8.7	100	86.4	18.3	36.9	63.2	7.7	38.4	3590	32984
PIONEER P0970AMXT	112	C250	1,2,3,4,6	34.7	32.6	11.5	97	83.5	20.6	37.3	55.7	7.4	39.4	3420	39373	29.5	35.9	10.6	100	82.1	22.1	40.8	56.0	6.9	34.9	3309	35014
PIONEER P1180XR	111	C250	1,2,3,4,6,7	36.1	30.0	10.9	99	88.2	15.6	34.5	65.7	7.9	42.4	3714	42285	27.8	28.4	7.9	98	86.8	18.5	38.6	65.9	7.4	35.3	3595	28212
RENK RK712SSTX	106	P500	1,2,3,4,6	39.3	29.1	11.4	100	83.4	18.6	37.4	55.6	6.7	40.4	3418	38963	31.6	33.0	10.4	100	81.6	20.7	39.7	53.6	7.4	36.2	3291	36023
SPECIALTY 46R02GENVT2P	109	P500	1,2	39.7	28.3	11.5	96	80.8	20.6	40.0	52.1	6.6	37.7	3247	37265	30.7	34.9	10.7	100	83.8	18.2	36.3	55.3	6.5	38.6	3450	36831
SPECIALTY EXP106	106	P500	1,2,3,4,6	41.9	29.0	12.1 *	100	82.1	19.6	39.0	54.2	6.5	38.4	3332	40221	35.1	31.7	11.4	100	84.3	16.4	33.7	53.4	7.0	43.8	3499	38071
T. A. SEEDS TA108-18	108	C250	GT	38.3	30.7	11.7	99	83.1	18.3	36.9	54.3	6.9	40.0	3406	39764	31.5	37.4	11.8 *	100	83.0	19.2	37.6	54.6	6.6	38.4	3390	39924
T. A. SEEDS TA583-22DPRIB	108	C250	VT2P	39.4	28.9	11.4	97	84.7	16.5	34.1	55.0	7.2	43.4	3519	40121	30.5	34.9	10.6	100	82.1	21.1	40.4	55.6	6.7	35.5	3313	35182
T. A. SEEDS TA625-31	110	C250	3110	39.0	29.6	11.5	99	81.5	21.5	40.1	53.9	6.9	37.5	3285	37896	30.9	38.2	12.0 *	100	80.9	22.1	40.8	53.2	7.1	37.1	3240	38735

AVERAGE	39.0	29.7	11.5	98	83.1	19.0	37.7	55.1	6.9	40.2	3395	39062	32.0	33.5	10.7	99	82.7	19.9	38.4	54.8	6.9	38.3	3362	35756
HIGHEST	48.5	36.5	12.8	100	88.4	22.1	41.9	65.7	7.9	45.7	3731	45454	35.1	40.3	12.6	100	86.8	24.3	44.6	65.9	7.7	44.7	3595	42181
LOWEST	32.3	21.0	9.7	89	78.1	14.8	32.6	47.7	6.1	36.6	3074	34592	27.7	24.9	7.9	94	79.8	16.2	33.5	50.8	6.4	32.6	3156	28192
CV (%)	5.6	5.8	6.5	4	1.6	9.2	5.8	4.2	4.3	7.5	3	6	5.2	8.1	9.1	2	1.8	8.7	6.1	5.0	5.4	6.6	3	7
LSD (5%)	2.6	2.0	0.9	4	1.6	2.1	2.6	3.9	0.4	3.6	107	2680	2.0	3.2	1.1	3	1.8	2.0	2.7	4.6	0.4	3.0	117	2825

2 Year Averages 2014 - 2013				Ingham - Late												Ottawa - Late										
				YIELD				% QUALITY						MILK 2006		YIELD				% QUALITY						MILK 2006	
BRAND / HYBRID	RM	TRT	TRAIT	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
AGRIGOLD A6408VT3PRIB	107	P500	1,2,3	41.4	25.8	10.7	98	82.3	18.6	36.3	51.3	7.2	41.9	3353	35733												
CHANNEL 207-13VT3PRIB	107	PV500	1,2,3,4,6	37.0	31.3	11.6 *	96	82.2	18.8	37.6	52.6	7.3	38.6	3333	37282												
DAIRYLAND SEED Hi DF-3108RA	108	C250	1,2,3,4,6	35.7	31.4	11.2	100	81.8	20.2	39.0	53.4	6.9	36.6	3299	37031												
DAIRYLAND SEED Hi DF-3510SSX	110	C250	1,2,3,4,6	32.0	35.5	11.4	98	81.4	20.7	39.8	53.2	7.2	36.9	3267	37204												
DYNAGRO D50SS43	110	P500	1,2,3,4,6	39.2	30.8	12.1 **	100	82.5	18.8	37.1	52.9	7.3	39.6	3358	40493												
GOLDEN HARVEST G05T82-3122	105	C500	1,2,3,4,6	39.7	29.1	11.6 *	98	84.0	17.0	35.0	54.0	7.2	42.2	3459	40969												
GOLDEN HARVEST G08X83-3110	108	C250	1,2,4,6	36.6	31.1	11.3	100	82.5	18.6	37.4	53.1	7.9	38.8	3349	37914												
GOLDEN HARVEST G09E98-3000GT	109	C500	1,2,3,4	38.5	30.6	11.8 *	98	84.5	16.6	34.2	54.5	7.4	41.5	3495	41272												
HYLAND SEEDS 4687	110	C250	1,2,3,4	38.9	28.1	10.9	97	83.6	17.9	36.0	54.5	7.1	41.3	3432	37566												
LEGACY SEEDS L-5810 3000GT	106	C250	1,2,3,4	39.3	27.8	10.9	96	83.8	18.0	35.8	54.7	7.2	41.4	3441	37515												
MASTERS CHOICE MCT-5663	106	C250	1,2,3,4	38.8	28.7	11.1	94	84.0	19.2	37.0	56.6	7.1	39.7	3445	38332												
NK Brand N53W-3122	105	C500	1,2,3,4,6	38.3	29.8	11.5 *	99	81.8	19.7	38.3	52.5	7.4	38.3	3306	38067												
NK Brand N61X-3110	108	C500	1,2,4,6	37.0	31.4	11.7 *	99	82.8	18.5	37.4	53.9	7.6	38.7	3369	39430												
NuTech 3A-306™	106	C500	1	38.5	27.1	10.4	97	81.0	19.9	39.7	52.3	6.9	36.4	3248	33859												
NuTech/G2 GENETICS 5H-806™	106	P500	1,2,4	38.6	26.8	10.4	95	84.3	17.8	35.3	55.4	7.5	41.7	3474	35357												
AVERAGE				38.0	29.7	11.2	98	82.8	18.7	37.1	53.7	7.3	39.6	3375	37868												
HIGHEST				41.4	35.5	12.1	100	84.5	20.7	39.8	56.6	7.9	42.2	3495	41272												
LOWEST				32.0	25.8	10.4	94	81.0	16.6	34.2	51.3	6.9	36.4	3248	33859												
CV (%)				5.3	5.7	6.1	3	1.5	8.2	5.7	3.6	4.2	6.7	3	6												
LSD (5%)				1.7	1.4	0.6	3	1.0	1.3	1.8	2.3	0.3	2.2	72	1959												

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

TABLE 9. IOSCO, MENOMINEE (LATE) & OSCEOLA COUNTY SILAGE TRIALS (105 Day and Earlier) ZONE 4

2014				TRIAL AVERAGE												Iosco											
				YIELD				% QUALITY						MILK 2006		YIELD				% QUALITY						MILK 2006	
BRAND / HYBRID	RM	TRT	TRAIT	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
DAIRYLAND SEED EXP-10006	100	C250	1	35.4	26.2	9.3	100	81.7	22.7	44.6	59.0	8.0	30.6	3244	31736	36.1	31.7	11.5 **	100	79.8	23.1	45.1	55.4	7.0	34.8	3171	36397
DAIRYLAND SEED Hi DF-3188RA	88	C250	1,2,3,4,6	43.4	20.8	8.7	100	83.5	21.5	41.2	60.2	7.8	38.0	3431	29120	41.1	24.1	9.9	100	82.7	21.4	41.1	58.1	7.3	37.2	3363	33099
DAIRYLAND SEED Hi DF-3197-7	97	C250	1,2,4,6	40.3	23.5	9.6 *	100	82.5	22.6	44.0	60.2	7.8	34.1	3344	31955	41.0	25.7	10.8 *	100	80.7	24.2	45.7	57.8	7.4	33.8	3213	34678
DAIRYLAND SEED Hi DF-3290-9	90	C250	1,2,3,4	42.7	21.9	9.4 *	100	83.2	19.1	38.2	56.0	7.9	39.0	3429	32750	46.0	23.8	11.0 *	100	81.4	20.0	38.6	51.8	7.3	40.8	3309	36190
DAIRYLAND SEED Hi DF-3702-9	104	C250	1,2,3,4	33.4	27.1	9.1	98	85.6	20.5	41.7	65.5	7.9	34.4	3482	29735	34.1	32.8	11.2 *	100	86.0	21.1	41.3	66.4	7.4	40.4	3517	35289
DYNAGRO D35VC95	95	P500	1,2	37.4	22.3	8.3	96	82.9	20.9	41.2	58.4	7.5	35.9	3394	28790	37.0	26.7	9.9	100	82.0	20.1	39.4	54.2	7.0	39.9	3338	34297
GOLDEN HARVEST G01P52-3011A	101	C500	1,2,3,4,A	36.7	23.4	8.6	96	84.6	19.3	39.1	60.6	7.8	37.7	3506	29241	37.5	27.7	10.4	96	84.1	19.7	39.0	59.3	7.2	38.4	3463	34072
GOLDEN HARVEST G92T43-3111	92	C500	1,2,3,4,6	44.6	20.8	9.2	97	83.5	19.1	38.3	56.9	7.7	40.5	3449	32289	46.4	23.4	10.9 *	100	82.8	19.7	38.4	55.2	7.0	42.1	3393	36823
GOLDEN HARVEST SI4282-3110	100	C500	1,2,4,6	40.8	24.1	9.8 *	97	82.9	20.4	41.2	58.5	7.2	36.6	3392	33782	40.6	27.9	11.3 *	99	81.4	22.0	43.0	56.7	6.6	35.9	3277	38788
GREAT LAKES 4879STXRIB	98	P500	1,2,3,6	37.3	24.6	9.2	98	83.7	19.9	41.0	60.5	7.3	35.7	3443	30404	37.3	27.9	10.4	97	81.6	21.0	41.6	55.7	6.7	36.6	3298	32472
GREAT LAKES 5015STXRIB	100	P500	1,2,3,6	38.2	24.2	9.2	98	84.0	20.4	40.7	60.7	7.4	36.5	3463	30846	39.2	27.9	10.9 *	98	83.4	21.1	40.1	58.7	6.9	37.3	3416	35457
GREAT LAKES 5283STXRIB	102	P500	1,2,3,6	36.2	27.6	10.0 **	98	83.4	19.7	40.9	59.6	7.5	36.3	3425	34263	35.9	31.0	11.2 *	96	82.4	20.2	42.0	58.0	7.2	37.1	3338	37251
GREAT LAKES 5368VT3PRIB	103	P500	1,2,3	33.5	27.8	9.3	98	82.4	24.0	45.6	61.5	7.6	29.7	3330	29722	32.9	33.4	11.0 *	99	81.8	24.7	45.9	60.3	7.1	30.2	3267	33820
HYLAND SEEDS HLS8477	98	P250	1,2,3,4,6	40.9	23.2	9.6 *	100	83.3	20.9	41.2	59.6	7.9	37.4	3415	32478	40.9	26.4	11.0 *	100	81.9	21.3	42.6	57.5	7.6	36.7	3303	36212
MASTERS CHOICE MCT-4884	98	C250	1,2,3,4,6	39.7	25.0	9.9 *	99	82.1	21.2	41.7	57.2	7.2	35.1	3334	32767	38.5	29.0	11.2 *	99	80.9	21.2	42.0	54.5	7.2	36.8	3254	36324
MASTERS CHOICE MCT-527 VIP	105	C250	1,2,3,4,6	33.4	27.1	9.0	97	84.5	21.1	42.5	63.5	7.8	32.5	3467	31869	33.1	32.6	10.8 *	95	83.1	21.1	42.2	60.0	7.3	35.5	3376	37650
MYCOGEN TMF2Q413	96	C250	1,2,4,6	39.8	24.9	9.8 *	99	83.4	22.1	43.3	61.8	7.7	37.2	3401	32390	38.6	29.5	11.4 *	100	81.7	24.3	45.0	59.3	7.4	38.3	3270	37128
NK Brand N29T-3111 Brand	92	C500	1,2,3,4,6	44.3	21.1	9.4 *	100	82.0	21.5	40.4	55.6	7.8	37.4	3350	30260	46.3	22.5	10.4	100	81.2	22.8	40.3	53.5	7.5	37.1	3284	31910
NK Brand N45P-3011A	101	C500	1,2,3,4,A	37.2	23.3	8.7	97	83.2	22.3	42.5	60.5	7.5	32.3	3367	28949	37.3	27.9	10.4	97	81.6	23.7	44.7	58.8	6.9	32.2	3269	33989
NK Brand N35T-3110	95	C500	1,2,4,6	41.5	23.7	9.9 *	99	81.6	21.1	43.0	57.3	7.2	34.5	3310	32599	43.4	25.1	10.9 *	100	80.5	21.6	42.6	54.3	7.0	37.4	3231	35066
NuTech 3A-496™	96	C500	1	36.5	24.8	9.1	86	83.8	22.3	44.1	63.2	7.4	31.6	3416	29936	37.8	28.6	10.8 *	87	83.0	24.0	45.7	62.9	7.3	31.9	3336	33918
NuTech 5N-0302™	103	C500	1,2,3,4	34.4	27.2	9.4 *	99	82.6	22.6	44.8	61.5	7.6	28.4	3300	30848	34.8	32.5	11.3 *	100	80.2	25.2	47.7	58.4	7.0	28.7	3163	35764
NuTech 5N-803™	101	C500	1,2,3,4	36.8	26.4	9.9 *	96	82.9	22.1	44.1	61.2	7.3	31.3	3362	33220	38.7	29.5	11.5 **	97	81.6	22.7	44.6	58.7	6.7	31.1	3260	37318
NuTech/G2 GENETICS 5H-502™	102	P500	1,2,4	37.5	25.5	9.4 *	100	81.8	23.2	44.7	59.3	7.7	33.4	3305	30981	37.6	31.2	11.5 **	99	81.3	23.3	43.7	57.2	7.4	34.2	3262	37395
NuTech/G2 GENETICS 5L-802™	102	P500	1,2,3,4	35.8	24.7	8.8	96	81.1	25.1	46.6	59.3	7.6	29.6	3245	28472	35.6	31.1	11.1 *	100	80.0	26.2	46.7	57.2	6.9	32.7	3167	35015
PIONEER P0238XR	102	C250	1,2,3,4,6,7	35.0	24.0	8.4	100	87.3	20.0	42.4	70.0	8.8	32.2	3613	30155	34.5	27.7	9.5	100	86.2	21.6	43.2	68.0	8.3	31.5	3530	33618
PIONEER P0255AMXT	102	C250	1,2,3,4,6	38.1	24.0	9.2	98	81.3	24.8	46.2	59.6	7.6	29.8	3264	29248	38.8	27.7	10.7 *	98	80.8	24.9	46.4	58.6	7.3	29.5	3210	34337
PIONEER P9789AMXT	97	C250	1,2,3,4,6	40.9	19.9	8.1	83	82.8	21.0	42.1	59.2	8.0	35.9	3378	27200	40.8	23.8	9.7	83	81.2	23.6	44.7	57.8	7.4	34.3	3245	31449
SPECTRUM 4655	96	C250.	Conv.	41.8	20.2	8.5	94	83.4	20.6	41.0	59.4	7.2	36.3	3423	29656	44.1	24.0	10.6	94	82.2	21.7	41.1	56.6	6.7	36.9	3337	35309
SPECTRUM 5045	100	C250	Conv.	41.8	21.8	9.1	99	81.8	22.6	43.5	58.2	7.4	32.7	3307	29633	42.2	26.3	11.1 *	99	81.9	22.1	42.0	56.9	6.8	36.2	3315	36804
WOLF RIVER VALLEY 27020LRR	100	C250	1	35.9	24.3	8.7	97	78.2	25.0	48.0	54.6	7.5	23.1	2934	26326	36.6	29.0	10.6	96	76.5	27.0	50.0	52.9	6.9	26.2	2940	33622
WOLF RIVER VALLEY 3396FLRR	95	C250	1	38.0	25.5	9.9 *	98	79.0	25.9	48.9	57.0	7.5	26.5	3109	30796	39.0	28.4	11.0 *	99	78.2	26.7	49.2	55.7	7.2	27.0	3037	33433
AVERAGE				38.4	24.0	9.2	97	82.8	21.7	42.7	59.8	7.6	33.9	3366	30640	38.8	28.0	10.8	98	81.7	22.5	43.3	57.7	7.1	35.0	3286	35088
HIGHEST				44.6	27.8	10.0	100	87.3	25.9	48.9	70.0	8.8	40.5	3613	34263	46.4	33.4	11.5	100	86.2	27.0	50.0	68.0	8.3	42.1	3530	38788
LOWEST				33.4	19.9	8.1	83	78.2	19.1	38.2	54.6	7.2	23.1	2934	26326	32.9	22.5	9.5	83	76.5	19.7	38.4	51.8	6.6	26.2	2940	31449
CV (%)				4.8	5.9	7.7	4	2.5	9.3	7.3	5.4	4.7	9.4	4	6	5.2	4.7	6.6	3	2.7	10.1	7.4	5.9	4.8	9.5	4	6
LSD (5%)				1.5	1.2	0.6	3	1.7	1.7	2.6	2.7	0.3	2.6	110	1558	2.4	1.6	0.8	4	2.6	2.7	3.8	5.7	0.4	3.9	171	2523

2014				Menominee - Late												Osceola											
				YIELD				% QUALITY						MILK 2006		YIELD				% QUALITY						MILK 2006	
BRAND / HYBRID	RM	TRT	TRAIT	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
DAIRYLAND SEED EXP-10006	100	C250	1													34.7	20.7	7.2	100	83.5	22.3	44.1	62.6	8.9	26.4	3317	27074
DAIRYLAND SEED Hi DF-3188RA	88	C250	1,2,3,4,6						Not Harvested							45.7	17.5	7.6	100	84.4	21.6	41.2	62.3	8.2	38.7	3498	25142
DAIRYLAND SEED Hi DF-3197-7	97	C250	1,2,4,6						Early Frost							39.7	21.2	8.4 *	100	84.2	21.1	42.3	62.6	8.2	34.4	3475	29232
DAIRYLAND SEED Hi DF-3290-9	90	C250	1,2,3,4						Late Water Damage							39.4	20.0	7.8	100	84.9	18.2	37.9	60.3	8.5	37.3	3549	29310
DAIRYLAND SEED Hi DF-3702-9	104	C250	1,2,3,4													32.8	21.4	7.0	96	85.2	19.9	42.1	64.7	8.4	28.4	3448	24182
DYNAGRO D35VC95	95	P500	1,2													37.8	17.8	6.8	91	83.8	21.8	43.1	62.5	8.1	31.9	3449	23283
GOLDEN HARVEST G01P52-3011A	101	C500	1,2,3,4,A													36.0	19.0	6.9	95	85.1	18.8	39.3	62.0	8.3	36.9	3550	24409
GOLDEN HARVEST G92T43-3111	92	C500	1,2,3,4,6													42.9	18.1	7.5	95	84.2	18.6	38.1	58.5	8.4	38.9	3505	27756
GOLDEN HARVEST SI4282-3110	100	C500	1,2,4,6													41.0	20.3	8.2 *	95	84.3	18.8	39.4	60.2	7.7	37.2	3508	28776
GREAT LAKES 4879STXRIB	98	P500	1,2,3,6													37.2	21.3	7.9	100	85.9	18.9	40.4	65.2	7.9	34.7	3589	28336
GREAT LAKES 5015STXRIB	100	P500	1,2,3,6													37.1	20.5	7.5	99	84.6	19.7	41.2	62.7	8.0	35.8	3509	26235
GREAT LAKES 5283STXRIB	102	P500	1,2,3,6													36.6	24.3	8.9 **	99	84.5	19.2	39.9	61.2	7.9	35.5	3513	31275
GREAT LAKES 5368VT3PRIB	103	P500	1,2,3													34.2	22.2	7.6	97	83.1	23.4	45.2	62.8	8.1	29.2	3392	25624
HYLAND SEEDS HLS8477	98	P250	1,2,3,4,6													40.9	20.0	8.2 *	100	84.8	20.6	39.8	61.8	8.3	38.1	3526	28745
MASTERS CHOICE MCT-4884	98	C250	1,2,3,4,6													40.9	20.9	8.6 *	99	83.4	21.2	41.5	59.9	7.2	33.4	3414	29210
MASTERS CHOICE MCT-527 VIP	105	C250	1,2,3,4,6													33.7	21.7	7.3	99	85.9	21.1	42.8	67.0	8.3	29.5	3557	26089
MYCOGEN TMF2Q413	96	C250	1,2,4,6													41.0	20.3	8.3 *	99	85.1	20.0	41.6	64.3	8.1	36.0	3532	27652
NK Brand N29T-3111 Brand	92	C500	1,2,3,4,6													42.3	19.8	8.4 *	100	82.9	20.2	40.5	57.8	8.1	37.6	3417	28610
NK Brand N45P-3011A	101	C500	1,2,3,4,A													37.1	18.7	6.9	97	84.8	20.9	40.2	62.3	8.2	32.5	3464	23908
NK Brand N35T-3110	95	C500	1,2,4,6													39.5	22.3	8.9 **	99	82.8	20.6	43.5	60.4	7.5	31.7	3389	30133
NuTech 3A-496™	96	C500	1													35.2	21.0	7.4	85	84.5	20.6	42.5	63.6	7.6	31.2	3495	25955
NuTech 5N-0302™	103	C500	1,2,3,4													34.1	22.0	7.6	99	85.1	20.0	41.9	64.5	8.3	28.0	3437	25932
NuTech 5N-803™	101	C500	1,2,3,4													34.9	23.2	8.4 *	95	84.2	21.6	43.7	63.8	7.9	31.6	3465	29123
NuTech/G2 GENETICS 5H-502™	102	P500	1,2,4													37.4	19.8	7.4	100	82.4	23.2	45.7	61.5	8.1	32.6	3348	24567
NuTech/G2 GENETICS 5L-802™	102	P500	1,2,3,4													36.1	18.3	6.6	93	82.1	24.1	46.4	61.5	8.4	26.5	3324	21928
PIONEER P0238XR	102	C250	1,2,3,4,6,7													35.4	20.4	7.2	100	88.4	18.3	41.5	72.1	9.2	32.8	3696	26692
PIONEER P0255AMXT	102	C250	1,2,3,4,6													37.4	20.4	7.7	98	81.9	24.7	46.1	60.7	8.0	30.1	3318	24158
PIONEER P9789AMXT	97	C250	1,2,3,4,6													40.9	16.0	6.6	83	84.5	18.4	39.4	60.6	8.6	37.5	3510	22951
SPECTRUM 4655	96		Conv.													39.6	16.4	6.5	94	84.6	19.5	40.9	62.3	7.8	35.7	3508	24003
SPECTRUM 5045	100	C250														41.3	17.3	7.2	99	81.7	23.1	45.1	59.5	8.0	29.2	3300	22463
WOLF RIVER VALLEY 27020LRR	100	C250	1													35.2	19.6	6.9	98	80.0	23.0	46.0	56.4	8.1	20.0	2928	19029
WOLF RIVER VALLEY 3396FLRR	95	C250	1													37.0	22.6	8.9 **	96	79.7	25.2	48.5	58.2	7.9	26.1	3181	28159
AVERAGE																38.0	20.1	7.6	96	84.0	20.8	42.1	62.0	8.1	32.8	3445	26192
HIGHEST																45.7	24.3	8.9	100	88.4	25.2	48.5	72.1	9.2	38.9	3696	31275
LOWEST																32.8	16.0	6.5	82	79.7	18.2	37.9	56.4	7.2	20.0	2928	19029
CV (%)																4.1	7.0	8.8	5	2.2	8.1	7.1	4.8	4.6	9.1	3	6
LSD (5%)																1.8	1.6	0.8	6	2.2	2.0	3.5	5.0	0.4	3.5	139	1912

-2 Year Averages Continued On Page 47.

TABLE 10. ALGER, DELTA & MENOMINEE (EARLY) COUNTY SILAGE TRIALS (102 Day and Earlier) ZONE 5

2014				Alger										Delta										Menominee - Early									
				YIELD				% QUALITY						MILK 2006		YIELD				% QUALITY						MILK 2006		YIELD				% QUALITY						MILK 2006	
BRAND / HYBRID	RM	TRT	TRAIT	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
GREAT LAKES 4250STX	92	P500	1,2,3,6													28.4	21.7	6.2 *	100	76.8	28.1	54.0	57.1	10.0	16.0	2910	17895												
GREAT LAKES 4879STXRIB	98	P500	1,2,3,6					Not Harvested								24.9	21.9	5.5	98	76.0	31.3	59.9	59.9	10.1	7.4	2662	15257					Not Harvested							
GREAT LAKES 5015STXRIB	100	P500	1,2,3,6					Early Frost								25.2	22.1	5.9 *	100	74.8	32.7	60.3	58.2	9.4	5.7	2460	14447					Early Frost							
MYCOGEN TMF2Q413	96	C250	1,2,4,6					Wildlife Damage								27.7	22.6	6.3 **	100	75.3	32.3	58.5	57.7	9.2	9.1	2606	16366					Late Water Damage							
MYCOGEN TMF2R196	86	C250	1,2,3,4,6													28.7	19.9	5.7	94	77.8	29.0	54.6	59.4	9.4	14.5	2832	17016												
NuTech 3A-496™	96	C500	1													24.0	21.2	5.1	85	73.9	34.4	62.5	58.3	8.7	3.5	2342	11834												
NuTech 5B-290™	90	C500	1,2,4													25.7	22.8	5.9 *	100	73.3	31.8	58.9	54.7	9.4	9.6	2564	15000												
NuTech 5V-195™	95	C500	1,2,3,4													26.4	20.9	5.5	100	77.0	29.4	56.4	59.3	9.8	8.8	2592	14302												
NuTech/G2 GENETICS 5F-198™	98	P500	1,2,4													29.0	21.0	6.1 *	100	75.8	30.7	56.3	57.1	8.9	15.4	2837	17257												
NuTech/G2 GENETICS 5F-399™	99	P500	1,2,4													27.5	21.2	5.8 *	98	75.7	31.7	58.0	58.2	9.2	11.2	2740	15156												
NuTech/G2 GENETICS 5X-894™	94	P500	1,2,3,4													28.5	19.8	5.6	98	76.4	29.1	54.4	56.8	9.7	19.6	2885	16943												
NuTech/G2 GENETICS 5Y-196™	96	P1250	1,2,3,4													27.7	20.1	5.6	99	72.2	33.2	59.0	53.0	8.8	12.9	2617	15343												
PIONEER P0238XR	102	C250	1,2,3,4,6,7													23.0	20.7	4.8	100	81.6	29.0	55.7	66.9	10.5	6.6	2657	12614												
PIONEER P9789AMXT	97	C250	1,2,3,4,6													27.9	18.0	5.0	81	74.3	31.6	57.3	55.3	10.3	15.1	2743	12812												
SPECTRUM 4655	96		Conv.													26.2	19.5	5.1	96	72.2	33.2	61.5	54.7	9.1	6.9	2471	12598												
SPECTRUM 5045	100	C250														29.3	20.3	6.0 *	96	73.5	33.1	59.4	55.5	8.7	12.8	2658	14844												
AVERAGE																26.9	20.8	5.6	96.5	75.4	31.3	57.9	57.6	9.4	10.9	2661	14980												
HIGHEST																29.3	22.8	6.3	100.0	81.6	34.4	62.5	66.9	10.5	19.6	2910	17895												
LOWEST																23.0	18.0	4.8	80.6	72.2	28.1	54.0	53.0	8.7	3.5	2342	11834												
CV (%)																4.9	5.6	8.1	3.1	3.0	7.2	5.5	3.7	6.8	22.0	5	8												
LSD (5%)																1.6	1.4	0.5	3.5	2.7	2.7	3.8	3.6	0.8	2.9	146	1419												

2 Year Averages 2014 - 2013				Alger										Delta										Menominee - Early									
				YIELD				% QUALITY						MILK 2006		YIELD				% QUALITY						MILK 2006		YIELD				% QUALITY						MILK 2006	
BRAND / HYBRID	RM	TRT	TRAIT	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
GREAT LAKES 4879STXRIB	98	P500	1,2,3,6													26.6	23.4	6.3 *	99	77.9	27.2	51.8	56.8	9.2	20.2	2891	18705												
GREAT LAKES 5015STXRIB	100	P500	1,2,3,6													27.1	22.3	6.1	99	77.0	28.3	52.3	55.5	8.8	19.5	2771	17078												
MYCOGEN TMF2Q413	96	C250	1,2,4,6													29.1	22.4	6.5 *	100	77.1	27.9	51.0	54.6	8.7	21.8	2841	18382												
NuTech 3A-496™	96	C500	1													25.5	23.5	6.0	92	75.8	30.2	55.9	56.5	8.5	14.2	2640	16162												
NuTech 5B-290™	90	C500	1,2,4													29.4	22.5	6.6 **	100	77.3	25.9	48.2	52.5	8.9	25.3	2916	20218												
AVERAGE																27.6	22.8	6.3	98.1	77.0	27.9	51.8	55.2	8.8	20.2	2812	18109												
HIGHEST																29.4	23.5	6.6	100.0	77.9	30.2	55.9	56.8	9.2	25.3	2916	20218												
LOWEST																25.5	22.3	6.0	92.4	75.8	25.9	48.2	52.5	8.5	14.2	2640	16162												
CV (%)																5.2	5.6	7.9	3.1	2.8	6.6	5.1	4.8	6.1	14.3	4	8												
LSD (5%)																1.2	1.0	0.4	2.5	1.8	1.6	2.3	3.2	0.5	2.0	102	1147												

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

2 Year Averages 2014 - 2013				TRIAL AVERAGE											Iosco										
				YIELD				% QUALITY						MILK 2006		YIELD				% QUALITY						MILK 2006	
BRAND / HYBRID	RM	TRT	TRAIT	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
DAIRYLAND SEED Hi DF-3197-7	97	C250	1,2,4,6	44.6	20.9	9.1	100	82.0	20.4	40.0	54.5	8.2	39.1	3314	30532	49.2	20.7	9.9 *	100	80.9	20.6	40.1	51.7	8.3	39.7	3236	31881
DAIRYLAND SEED Hi DF-3290-9	90	C250	1,2,3,4	48.0	19.6	9.1	99	82.8	18.4	36.3	52.5	8.2	42.3	3391	30779	54.4	18.6	9.7	99	82.1	18.6	36.4	50.6	8.2	43.6	3336	32272
DAIRYLAND SEED Hi DF-3702-9	104	C250	1,2,3,4	36.0	24.6	8.8	98	84.3	19.5	38.9	59.2	7.8	38.5	3423	29385	38.0	26.8	9.9 *	97	83.7	20.6	40.1	59.2	7.6	40.6	3376	31725
GOLDEN HARVEST G01P52-3011A	101	C500	1,2,3,4,A	39.5	22.4	8.8	97	84.0	18.1	36.6	56.1	8.0	41.1	3458	29932	42.3	23.4	9.7	96	83.0	18.9	37.5	54.3	7.6	41.2	3378	31875
GOLDEN HARVEST G92T43-3111	92	C500	1,2,3,4,6	50.5	18.6	9.0	98	83.3	17.7	35.8	53.2	8.1	43.7	3427	30732	57.1	18.1	9.7	99	83.4	17.5	34.9	52.3	7.9	45.1	3430	33367
GREAT LAKES 4879STXRIB	98	P500	1,2,3,6	40.2	22.9	9.1	98	83.0	18.9	39.0	56.3	7.7	39.0	3382	30213	42.7	23.6	9.8	98	81.3	20.2	40.1	53.3	7.6	38.8	3260	31062
GREAT LAKES 5015STXRIB	100	P500	1,2,3,6	40.8	22.5	9.1	99	83.1	18.8	37.4	54.3	7.7	41.3	3441	30364	44.3	23.1	9.9 *	99	81.7	19.1	37.2	50.2	7.7	41.3	3388	32910
GREAT LAKES 5283STXRIB	102	P500	1,2,3,6	38.1	26.1	9.9 **	98	82.5	18.8	38.3	53.9	7.9	39.9	3357	33096	39.6	26.2	10.2 *	97	81.7	18.6	38.3	51.5	7.9	40.9	3297	33707
GREAT LAKES 5368VT3PRIB	103	P500	1,2,3	37.8	25.0	9.2	98	83.0	21.4	41.3	58.6	7.7	36.6	3362	30249	41.2	26.4	10.3 *	98	82.9	21.8	41.8	58.9	7.6	37.3	3335	33155
HYLAND SEEDS HLS8477	98	P250	1,2,3,4,6	42.8	22.0	9.3	98	82.7	19.6	38.7	55.2	8.5	39.7	3365	31119	46.2	22.0	10.0 *	99	81.6	19.9	39.7	53.5	8.5	39.2	3281	32765
MYCOGEN TMF2Q413	96	C250	1,2,4,6	43.8	21.8	9.3	99	83.2	20.4	39.6	57.2	8.3	41.0	3384	31290	46.8	22.9	10.2 *	100	82.1	22.0	41.4	56.6	8.2	41.3	3293	33407
NK Brand N29T-3111 Brand	92	C500	1,2,3,4,6	49.0	18.9	9.0	99	81.9	19.7	37.7	51.9	8.1	41.4	3330	29231	55.7	17.8	9.4	98	81.4	20.2	37.8	50.6	8.1	41.5	3284	29832
NK Brand N45P-3011A	101	C500	1,2,3,4,A	39.5	23.3	9.1	97	83.1	19.7	38.9	56.2	7.8	36.8	3372	30752	42.5	24.2	10.1 *	95	82.4	20.1	39.3	54.7	7.6	36.9	3330	34244
NuTech 3A-496™	96	C500	1	38.8	22.6	8.6	92	82.5	20.5	41.4	57.6	7.9	36.5	3330	28493	42.0	22.4	9.1	93	81.3	21.7	43.2	56.5	8.0	36.6	3228	29154
NuTech 5N-803™	101	C500	1,2,3,4	38.7	24.8	9.5	96	83.2	20.3	40.2	58.0	7.4	37.4	3381	32151	42.7	24.5	10.3 *	96	82.5	20.7	40.9	57.0	7.3	37.2	3317	34021
NuTech/G2 GENETICS 5H-502™	102	P500	1,2,4	39.1	23.9	9.2	96	82.7	20.4	39.8	56.2	7.9	39.0	3361	31388	41.1	26.0	10.4 **	94	82.7	20.2	39.1	55.6	7.7	40.0	3354	35723
PIONEER P0255AMXT	102	C250	1,2,3,4,6	40.8	22.9	9.2	98	81.7	21.1	40.7	54.4	8.0	36.6	3293	30487	44.1	23.1	10.0 *	98	81.1	20.8	40.6	52.6	7.8	37.2	3244	32259
AVERAGE				41.7	22.5	9.1	98	82.9	19.6	38.9	55.6	7.9	39.4	3375	30600	45.3	22.9	9.9	97	82.1	20.1	39.3	54.1	7.9	39.9	3316	32550
HIGHEST				50.5	26.1	9.9	100	84.3	21.4	41.4	59.2	8.5	43.7	3458	33096	57.1	26.8	10.4	100	83.7	22.0	43.2	59.2	8.5	45.1	3430	35723
LOWEST				36.0	18.6	8.6	92	81.7	17.7	35.8	51.9	7.4	36.5	3293	28493	38.0	17.8	9.1	93	80.9	17.5	34.9	50.2	7.3	36.6	3228	29154
CV (%)				5.9	6.9	7.1	4	2.6	8.7	6.7	7.3	5.2	8.6	4	6	6.4	5.1	6.1	4	3.0	9.2	6.8	9.4	5.6	8.4	5	6
LSD (5%)				1.2	0.9	0.3	2	1.1	1.0	1.5	2.2	0.2	1.7	73	1018	2.3	1.0	0.5	3	2.0	1.6	2.3	6.1	0.4	2.6	124	1719

2 Year Averages 2014 - 2013				Menominee - Late											Osceola										
				YIELD				% QUALITY						MILK 2006		YIELD				% QUALITY						MILK 2006	
BRAND / HYBRID	RM	TRT	TRAIT	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
DAIRYLAND SEED Hi DF-3197-7	97	C250	1,2,4,6													40.0	21.2	8.4	100	83.1	20.3	39.8	57.3	8.1	38.4	3393	29184
DAIRYLAND SEED Hi DF-3290-9	90	C250	1,2,3,4													41.6	20.5	8.5	100	83.6	18.2	36.3	54.4	8.2	41.0	3447	29287
DAIRYLAND SEED Hi DF-3702-9	104	C250	1,2,3,4													34.0	22.5	7.6	98	84.9	18.4	37.7	59.2	8.0	36.5	3470	27045
GOLDEN HARVEST G01P52-3011A	101	C500	1,2,3,4,A													36.7	21.5	7.9	97	85.1	17.4	35.8	57.8	8.4	41.0	3538	27990
GOLDEN HARVEST G92T43-3111	92	C500	1,2,3,4,6													43.9	19.2	8.3	97	83.3	17.8	36.7	54.2	8.2	42.3	3424	28097
GREAT LAKES 4879STXRIB	98	P500	1,2,3,6													37.8	22.3	8.4	98	84.8	17.6	37.9	59.4	7.8	39.1	3504	29365
GREAT LAKES 5015STXRIB	100	P500	1,2,3,6													37.4	22.0	8.2	100	84.5	18.4	37.6	58.3	7.8	41.2	3494	27818
GREAT LAKES 5283STXRIB	102	P500	1,2,3,6													36.6	26.1	9.5 **	100	83.3	19.0	38.3	56.3	7.8	38.9	3416	32486
GREAT LAKES 5368VT3PRIB	103	P500	1,2,3													34.4	23.5	8.1	97	83.1	21.1	40.8	58.2	7.7	36.0	3388	27344
HYLAND SEEDS HLS8477	98	P250	1,2,3,4,6													39.5	22.0	8.6	98	83.9	19.4	37.8	57.0	8.5	40.3	3450	29472
MYCOGEN TMF2Q413	96	C250	1,2,4,6													40.8	20.6	8.4	98	84.3	18.7	37.9	57.8	8.3	40.7	3475	29173
NK Brand N29T-3111 Brand	92	C500	1,2,3,4,6													42.4	20.0	8.5	100	82.5	19.2	37.6	53.2	8.1	41.4	3377	28630
NK Brand N45P-3011A	101	C500	1,2,3,4,A													36.6	22.5	8.2	99	83.9	19.2	38.4	57.8	8.1	36.7	3414	27260
NuTech 3A-496™	96	C500	1													35.6	22.8	8.1	92	83.8	19.4	39.6	58.7	7.8	36.4	3431	27832
NuTech 5N-803™	101	C500	1,2,3,4													34.8	25.1	8.8	95	84.0	19.9	39.6	59.0	7.6	37.6	3446	30281
NuTech/G2 GENETICS 5H-502™	102	P500	1,2,4													37.2	21.7	8.0	98	82.7	20.6	40.4	56.8	8.1	38.0	3368	27054
PIONEER P0255AMXT	102	C250	1,2,3,4,6													37.4	22.7	8.5	99	82.3	21.4	40.9	56.2	8.2	36.0	3341	28716
AVERAGE																38.0	22.1	8.4	98	83.7	19.2	38.4	57.2	8.0	38.9	3434	28649
HIGHEST																43.9	26.1	9.5	100	85.1	21.4	40.9	59.4	8.5	42.3	3538	32486
LOWEST																34.0	19.2	7.6	92	82.3	17.4	35.8	53.2	7.6	36.0	3341	27045
CV (%)																4.9	7.8	8.2	4	2.0	7.9	6.4	4.9	4.4	7.9	4	6
LSD (5%)																1.6	1.4	0.5	4	1.4	1.3	2.1	3.4	0.3	2.4	100	1449

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

THANK YOU TO OUR FARM COOPERATORS:

ZONE 1

Baker-Ladd Farms, Blaine Baker, Clayton
George Brossman, Vandalia
Kyle Huff, Coldwater
OSU NW Experiment Station, Richard Minyo
Hoytville, Ohio
Mathew Talladay, Milan

ZONE 2

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ZONE 3

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Robert Oshe & Jacob Zwagerman, Custer
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ZONE 4/5

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