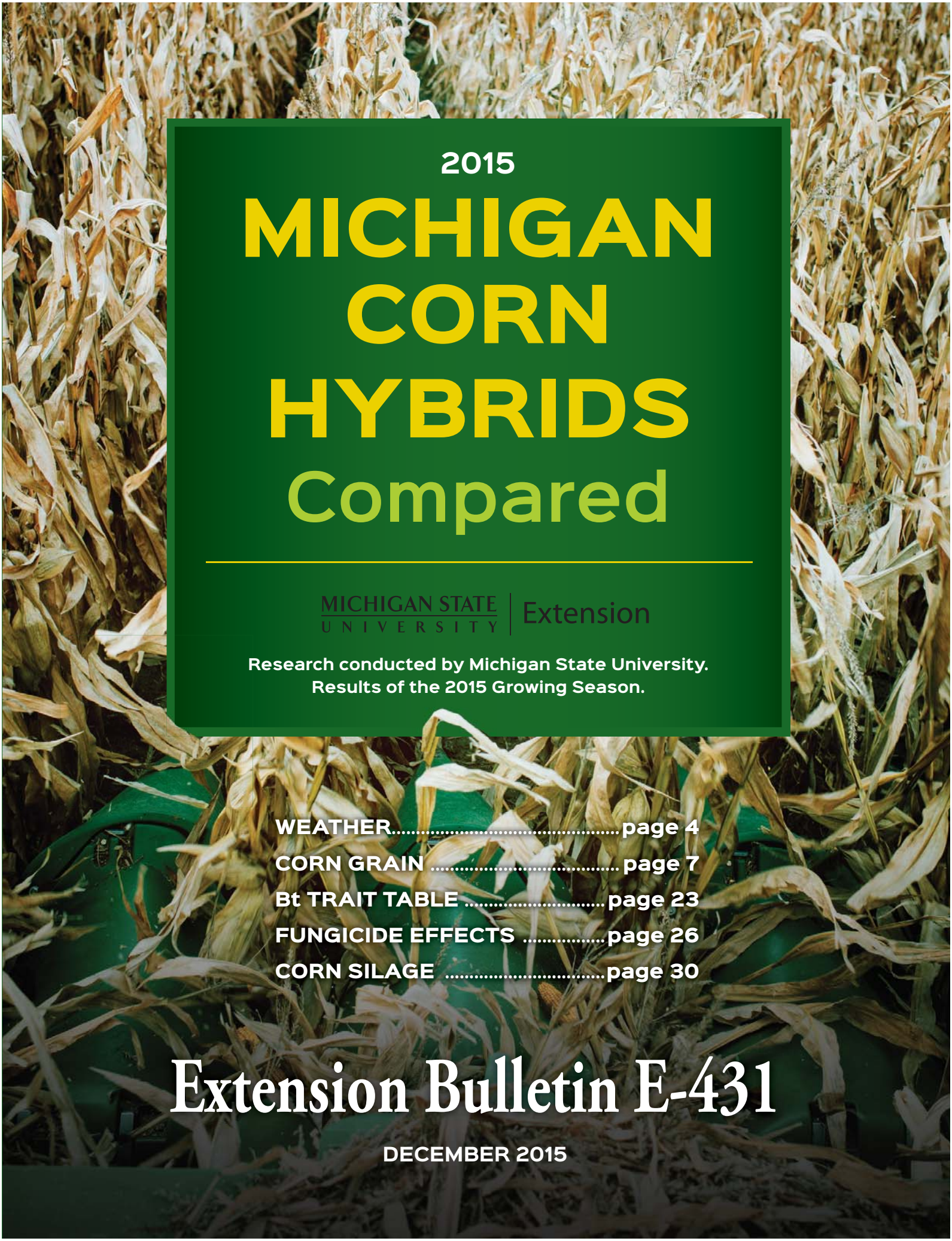

2015

MICHIGAN CORN HYBRIDS Compared

MICHIGAN STATE UNIVERSITY | Extension

Research conducted by Michigan State University.
Results of the 2015 Growing Season.

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DECEMBER 2015

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
BLUE RIVER	Blue River Hybrids 2326 230th Street Ames, IA 50014 www.blueriverorgseed.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
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
PARTNERS	Partners Brand Seed, LLC 4610 E SR120 Howe, IN 46746 www.partnersbrandseed.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.com
SPECIALTY	Specialty Hybrids 306 N Main Street Monticello, IN 47960 www.specialtyhybrids.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

2015
MICHIGAN CORN PERFORMANCE TRIALS

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Introduction

The Michigan State University Department of Plant, 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 yield and quality 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 2015 trials (pg. 28 and 33, respectively). Thirteen grain and eleven silage locations were planted. A total of 315 hybrids from 25 seed companies (29 brand names) make up the 479 entries; that translates into 6,399 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 21.

How to Use This Bulletin

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

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

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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 trials 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 (pg.xx). Fertilizer amounts are shown as total pounds per acre of nitrogen, P_2O_5, and K_2O applied during the season.

Season in Summary: 2015

Entry forms for participating companies were due March 15th, 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 random 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 Agronomy Farm for the first day of planting.

Planting began in Ingham County on May 3rd, 2015. Montcalm County was the last plot planted on June 26th. Planting is accomplished with an Almaco vacuum planter. A cable with "bobbins" that are set at twenty-five foot intervals assure the uniform length of each plot. The planting depth is checked at each field and adjusted according to the tillage practices of the field. With very few rain and equipment delays the planting season went very well this year.

The task of applying weed control is a pretty even split between us and local elevators. We had a few glitches but we were able to correct them in a timely manner.

As usual, stand counts went off without a hitch, all plots were counted and thinned at knee high. All locations except Grand Traverse County, MI and Wood County, OH were thinned back to a population of 35,244. Grand Traverse County was thinned to 31,284 and Wood County, OH was thinned to 34,452.

- Season Continued On Page 6.

2015
GROWING SEASON WEATHER SUMMARY

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

Similar to 2013/2014, the winter of 2014/ 2015 which preceded the 2015 season was much colder than normal due to a persistent deep upper air troughing pattern across the Great Lakes region. For the state as a whole, the winter mean temperature was 17.7°F, the 18th coldest on record. February 2015 was particularly extreme, with subzero temperatures state- and region-wide and many new or near records. Mean temperatures for the month generally ranged from 11-15°F below normal across the state. Extreme cold temperatures were observed with regularity statewide during all but the first week of the month, with minima falling to the -10° to -35°F or lower range, which damaged some overwintering perennial crops. Given the intense cold, ice cover across the Great Lakes was much above normal, with the peak coverage of 86% occurring during the last week of February. This value was more than twice the normal areal coverage for the date and the fifth highest on record. With significant snow cover in place during most of the winter, extreme low 2-inch soil temperatures bottomed out in the 30-32°F range across most of the state, although minima reached the low 20's F in some east central and southeastern sections of the state where snow cover was more scattered. In terms of precipitation, and in contrast to 2013/2014, the winter was also drier than normal, with a mean precipitation total of 4.01 inches. At the beginning of March, soil moisture levels in the top 3 feet of the profile had fallen to below normal levels across southern sections of the state but were near or even above normal levels across central and northern sections.

The upper air troughing pattern that brought the severe cold to the region ended by mid-March, with the development of a more zonal, west to east pattern across the Continental USA and a moderation in temperatures for Michigan by early April. Drier than normal conditions continued during most of March and April. Some areas of the state observed as many as 21 consecutive days without measureable precipitation during the month, which is unusual in a humid climate such as Michigan's. By late April, the U.S. Drought Monitor categorized much of central and southern Lower Michigan and the western Upper Peninsula in the D0 'Abnormally Dry' category. In general, the cool and dry weather was not conducive for spring fieldwork and early planting lagged behind normal.

The development of an upper air trough across western sections of the Lower 48 states with southwesterly flow across the Midwest led to a significant change in weather during the last week of April and the first week of May with above normal temperatures which allowed rapid progress of most spring fieldwork activities and accelerated early growth and development of overwintering crops. Much of the corn crop was planted during the first two weeks of May and emergence began during the 2nd week of the month. There were several brief incursions of cool, Canadian-origin air into the region associated with a temporary troughing feature across eastern Canada during the middle of the month. Scattered frost and freezing temperatures were observed mostly across northern and interior central sections of the state on the 12th-14th and again on the 19th and 20th, but besides a slowdown in the rates of germination and emergence, impacts of the cold readings were generally minor.

During the third week of May, southwesterly or southerly flow at low levels across southern and central states allowed the transport of moisture from subtropical sources in the eastern Pacific and Gulf of Mexico into the Great Lakes region. The result was a very active weather pattern with almost daily rainfall across large sections of the western and central USA. In Michigan, rainfall was especially persistent and occasionally heavy during the third week of May and the second week of June, resulting in major fieldwork delays and localized flooding in some northeastern and southern portions of Lower Michigan. The wet weather dramatically changed soil moisture conditions for many areas of the state from too dry to abnormally wet. Corn planting was generally completed in early June, but cool temperatures continued to slow emergence and early vegetative development.

The active storm track that established itself during late May continued into the last week of June, resulting in much above normal precipitation totals across sections of Lower Michigan. The pattern also led to a major severe weather outbreak on the 22nd of June that included several tornadoes, high winds, heavy rain and flooding. June precipitation totals varied greatly by location across the state, ranging from less than 2.00" (less than 75% of normal) across a few northern sections to more than 10.00" (greater than 300% of normal) across south central and southeastern sections of Lower Michigan. June precipitation totals across the southern three tiers of counties approached long term records for the wettest June on record in some locations. In terms of temperature, mean monthly values fell back to cooler than normal values across most sections of the state, with departures generally running at 1-4°F below the long term normals. The cool, wet conditions stressed early vegetative growth of most spring-planted crops, with localized flooding, major difficulties with forage harvest, lodging of winter grains, heavy weed and disease pressure, and to the loss of nitrogen from the crop rooting zone. By the end of June, the jet stream across North America shifted to a western ridge, eastern troughing pattern, leaving Michigan and the Great Lakes region under northwesterly flow and drier, more benign weather.

During the second week of July a large upper air ridge developed over central sections of the continental USA. This pattern generally persisted for much of the remainder of the growing season and brought warmer, more seasonable temperatures.

- Weather Continued On Page 6.

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	61.8	58.2	3.6	67.1	67.3	-0.2	68.6	71.3	-2.7	68.3	69.3	-1.0	66.1	61.6	4.5	66.4	65.5	0.8
		PPT	4.89	3.18	1.71	7.56	3.67	3.89	4.37	3.13	1.24	3.07	3.69	-0.62	2.34	3.61	-1.27	22.23	17.28	4.95
		GDD	421	344	77	532	527	5	584	648	-64	574	597	-23	511	396	115	2622	2512	110
	LENAWEE & WASHTENAW (Hudson)	TEMP	62.0	58.2	3.8	67.0	68.0	-1.0	69.3	72.3	-3.0	69.1	70.3	-1.2	67.1	62.7	4.4	66.9	66.3	0.6
		PPT	2.99	2.97	0.02	8.73	3.51	5.22	2.27	3.00	-0.73	1.44	3.38	-1.94	1.92	3.34	-1.42	17.35	16.20	1.15
		GDD	426	346	80	522	541	-19	592	675	-83	588	624	-36	515	415	100	2643	2601	42
	WOOD (OH) (Bowling Green)	TEMP	64.9	60.0	4.9	69.3	70.1	-0.8	71.1	73.2	-2.1	71.1	71.0	0.1	69.0	64.3	4.7	69.1	67.7	1.4
		PPT	5.09	3.85	1.24	7.03	3.41	3.62	4.84	3.76	1.08	5.42	3.81	1.61	2.21	2.86	-0.65	24.59	17.69	6.90
		GDD	480	371	109	590	595	-5	655	691	-36	657	641	16	566	454	112	2948	2752	196
Zone 2	ALLEGAN (Fennville)	TEMP	58.4	58.2	0.2	66.4	67.3	-0.9	69.6	71.5	-1.9	68.3	69.7	-1.4	66.7	62.2	4.5	65.9	65.8	0.1
		PPT	4.75	3.43	1.32	3.65	3.74	-0.09	3.33	3.43	-0.10	1.38	3.77	-2.39	2.51	4.01	-1.50	15.62	18.38	-2.76
		GDD	341	340	1	509	526	-17	600	655	-55	585	610	-25	524	406	118	2559	2537	22
	INGHAM (MSU)	TEMP	61.2	58.2	3.0	66.4	67.3	-0.9	70.2	71.3	-1.1	69.5	69.3	0.2	66.5	61.6	4.9	66.8	65.5	1.2
		PPT	3.77	3.18	0.59	9.07	3.67	5.40	2.39	3.13	-0.74	6.82	3.69	3.13	1.34	3.61	-2.27	23.39	17.28	6.11
		GDD	406	344	62	513	527	-14	628	648	-20	608	597	11	516	396	120	2671	2512	159
	SAGINAW (Saginaw)	TEMP	61.6	57.0	4.6	67.3	66.1	1.2	71.8	70.6	1.2	70.2	68.4	1.8	67.6	60.7	6.9	67.7	64.6	3.1
		PPT	3.34	2.83	0.51	4.08	3.21	0.87	2.38	2.83	-0.45	5.50	3.38	2.12	4.31	3.81	0.50	19.61	16.06	3.55
		GDD	413	317	96	538	495	43	671	627	44	630	573	57	538	373	165	2790	2385	405
Zone 3	HURON (Pigeon)	TEMP	58.6	57.0	1.6	62.5	66.1	-3.6	68.4	70.6	-2.2	71.6	68.4	3.2	63.3	60.7	2.6	64.9	64.6	0.3
		PPT	2.72	2.83	-0.11	2.80	3.21	-0.41	2.15	2.83	-0.68	4.16	3.38	0.78	3.67	3.81	-0.14	15.50	16.06	-0.56
		GDD	351	317	34	420	495	-75	573	627	-54	517	573	-56	421	373	48	2282	2385	-103
	MASON (Ludington)	TEMP	57.1	56.1	1.0	61.6	65.0	-3.4	65.2	69.7	-4.5	65.7	68.0	-2.3	59.3	60.2	-0.9	61.8	63.8	-2.0
		PPT	3.88	2.98	0.90	2.36	3.26	-0.90	2.07	2.74	-0.67	2.14	4.03	-1.89	3.14	3.59	-0.45	13.59	16.60	-3.01
		GDD	312	302	10	390	471	-81	525	609	-84	535	564	-29	478	362	116	2240	2308	-68
	MONTCALM (Entrican)	TEMP	59.2	56.7	2.5	64.7	65.6	-0.9	68.0	69.9	-1.9	67.4	67.6	-0.2	65.4	59.6	5.8	64.9	63.9	1.1
		PPT	2.96	2.95	0.01	4.79	3.30	1.49	1.72	2.74	-1.02	2.42	3.85	-1.43	3.90	3.71	0.19	15.79	16.55	-0.76
		GDD	355	323	32	458	488	-30	541	610	-69	518	555	-37	488	357	131	2360	2333	27
Zone 4	GRAND TRAVERSE (NWMHS)	TEMP	57.2	53.9	3.3	62.7	62.9	-0.2	70.2	67.8	2.4	69.8	66.1	3.7	67.0	58.3	8.7	65.4	61.8	3.6
		PPT	3.77	2.61	1.16	2.02	3.09	-1.07	1.07	3.05	-1.98	2.08	3.52	-1.44	4.32	3.78	0.54	13.26	16.05	-2.79
		GDD	342	270	72	415	425	-10	627	556	71	614	513	101	528	317	211	2526	2081	445
	IOSCO (Standish)	TEMP	56.3	57.0	-0.7	60.8	66.1	-5.3	67.2	70.6	-3.4	66.6	68.4	-1.8	63.4	60.7	2.7	62.9	64.6	-1.7
		PPT	3.67	2.83	0.84	4.59	3.21	1.38	1.16	2.83	-1.67	5.07	3.38	1.69	2.86	3.81	-0.95	17.35	16.06	1.29
		GDD	308	317	-9	373	495	-122	547	627	-80	524	573	-49	441	373	68	2193	2385	-192
	MENOMINEE (Stephenson)	TEMP	51.8	52.1	-0.3	57.4	60.7	-3.3	65.8	65.5	0.3	63.6	63.8	-0.2	61.7	55.2	6.5	60.1	59.5	0.6
		PPT	2.98	1.08	1.90	3.64	3.47	0.17	2.08	3.54	-1.46	2.77	3.57	-0.80	2.31	3.66	-1.35	13.78	15.32	-1.54
		GDD	220	225	-5	286	386	-100	511	498	13	441	459	-18	397	265	132	1855	1833	22
Zn 5	DELTA (Escanaba)	TEMP	51.9	52.1	-0.2	59.0	60.7	-1.7	66.8	65.5	1.3	64.7	63.8	0.9	62.4	55.2	7.2	61.0	59.5	1.5
		PPT	3.46	1.08	2.38	2.70	3.47	-0.77	1.10	3.54	-2.44	3.03	3.57	-0.54	3.66	3.66	0.00	13.95	15.32	-1.37
		GDD	226	255	-29	333	386	-53	537	498	39	459	459	0	425	265	160	1980	1863	117

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 2015
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)

- Weather Continued From Page 4

During late July and early August, the ridge brought a prolonged period of hot, dry weather to Michigan. Many southern observing sites recorded their first 90°F or greater high temperatures of the season (the first such temperatures at many sites since early September of 2013). The warmer weather accelerated crop growth and development rates statewide. For the month of July, mean temperatures ranged from near normal across northern sections of the state to as much as 3°F below normal in the extreme south. With the primary storm track remaining south of the state, July precipitation totals varied significantly, ranging from less than 0.50" across northern sections of the Lower Peninsula (less than 25% of normal) to more than 5.00" (greater than 150% of normal) along the Indiana/Ohio border. Given warmer temperatures late in the month and increasing crop water use rates as most crops advanced towards full canopy, soil moisture levels fell rapidly in most areas, especially northern Lower Michigan. As of the end of July, the U.S. Drought Monitor had added sections of the northern and central Lower Peninsula to the 'D0 Abnormally Dry' category. Corn crops across the state generally passed through critical tassel and pollination states during the last two weeks of July and first week of August, on average just a few days behind normal.

Deep low-level moisture and strong upper level winds ahead of a cold frontal passage led to a major severe weather outbreak across much of the state and region on August 2nd which included large hail, high winds, and widespread power outages and property damage. Most severe damage was reported across northern sections of the Lower Peninsula where wind speeds in some locations reached 100 mph. The upper air ridging feature also brought an extended period of unseasonably warm and humid weather to Michigan from late August and through early September. The warm temperatures were helpful for late season growth and development of crops delayed by cooler than normal temperatures earlier in the growing season. For the month of August, mean temperatures generally ranged from 1-3°F below normal across southern and western sections of the state to 1-3°F above normal across the north and east. Precipitation totals for the month were highly variable, ranging from less than 2.0" across northern sections of the Upper Peninsula to more than 5.00" (greater than 150% of normal) in central and eastern portions of Lower Michigan. At the end of August, moisture deficits were a continuing concern across the northern Upper and northwestern Lower Peninsulas, with both areas remaining in the U.S. Drought Monitor's 'D0 Abnormally Dry' category. Soil moisture generally remained at adequate levels elsewhere in the state.

With the general continuation of the upper air ridging pattern over the Upper Midwest, September was much warmer and drier than normal. Mean temperatures for September generally ranged from 4°F across southern sections of the state to 7°F above normal in the north, which left the month in the record books among the warmest 10 percent of Septembers on record. Precipitation totals ranged from less than 3.0" across southern sections of the Lower Michigan and the central Upper Peninsula to more than 5.00" across the northwestern Lower Peninsulas (approximately 50-150% of normal). Given below normal humidities and cloudiness, the weather was nearly ideal for crop maturation and grain drydown. The passage of a trough through the region in early October brought at least a temporary end to the abnormal warmth and to the first freezing temperatures of the season to interior sections of northern Lower Michigan.

The persistent upper air ridging pattern was replaced by a deep troughing feature across the region in Mid-October. The trough brought cooler, more seasonable weather to the region as well as the first freezing temperatures of the season to most central and southern sections of Michigan on the 17th, 18th, and 19th. Over most of these areas, the first freeze was climatologically at least one week later than normal. Portions of the central and eastern Upper and northern Lower Peninsulas also reported their first measureable snowfall of the season with this system. Collectively, the milder and drier than normal conditions during most of September and early October favored nearly all forms of fall fieldwork activities, resulting in a number of both prolonged and high quality opportunities. Growing degree day totals for the season surged to at least normal levels over all but central sections of the state, with most locations ending the May through September growing season 50-100 units above normal, which roughly translates into 5-10 calendar days ahead of normal.

- Season Continued From Page 3

We began harvesting silage plots on September 8th in Wood County, Ohio and finished on October 2nd with the Osceola County silage plot. After a couple years of talking about it, we were finally able to purchase new silage harvesting equipment. We used a front-mounted two row Champion C1200 Kemper head along with a Rear-mounted Haldrup M-63 weigh system. We purchased a New Holland T6.175 tractor to power the units. Data was recorded on a Panasonic FZ-G1 Toughpad using Harvestmaster software. Continuous subsampling is taken to generate a composite sample of the whole plot. At the end of each plot the individual sample weight is taken along with the entire plot weight. Sub-samples were brought back to Michigan State University for further analysis. The samples were put in a WRH586-500 Grieve forced air dryer with the temperature set at 150°F. Typically we can fit 1,155 samples in the dryer at a time, a new challenge we faced this year was with the improved speed of the new chopping system we had to time our field harvest so as not to get ahead of available dryer space.

Zone 4 Menominee silage, (late), was dropped due to late spring rain events and Zone 1 Lenawee, (early), was dropped due to low emergence issues.

Grain harvest began on October 18th in Ingham County and ended in Montcalm County on November 16th. Montcalm Conventional Grain and Menominee Early Grain trials were dropped.

Table A (pg. 5) presents 2015 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 plot location. Actual accumulation at each location may vary slightly. The weather summary is provided by Dr. Jeff Andresen from the Department of Geography using data from the Michigan State University Agricultural Weather Office.

2015
GRAIN PERFORMANCE TRIALS

Introduction

The grain index (pg. 28) contains a list of all hybrids planted in the 2015 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
Table 4 Zone 4 –Grand Traverse, Iosco and Menominee (Menominee zone 4 dropped 2015)
Table 5 Zone 5 – Delta and Menominee (E)
Tables 6E/6L Conventional Trial – Huron (Zone 3), Montcalm (Zone 3 dropped 2015), 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 five maturity zones. 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 (Montcalm conventional dropped 2015), 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. 27). 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 Grain Gage™ 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).

2015 Grain Trial Locations

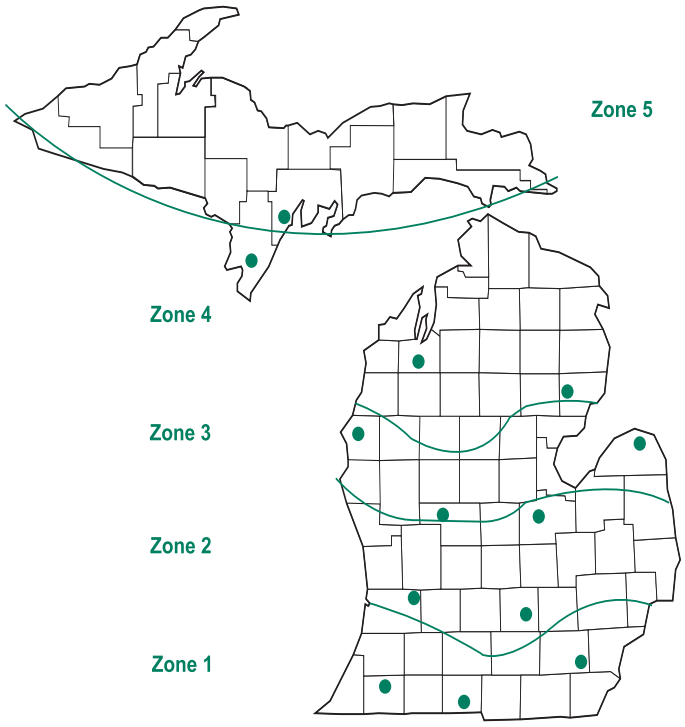

TABLE 1E. BRANCH, CASS & WASHTENAW COUNTY GRAIN TRIALS - EARLY (107 Day and Earlier) ZONE 1

2015				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 A6416STXRIB	107	P500	1,2,3,4,6	18.6	229.8 *	56.8	0.2	100	13.2	194.8	58.3	0.6	100	21.4	244.9 *	55.7	0.0	100	21.2	249.6 *	56.5	0.0	100
BECK XL 5140HR™*	105	ESC	1,2,4	18.7	236.9 **	57.3	0.0	97	13.9	209.8 *	59.0	0.0	96	21.1	240.9 *	55.7	0.0	100	21.2	260.1 *	57.2	0.0	95
BECK XL 5460AM™*	104	ESC	1,2,4	17.7	229.0 *	56.3	0.2	99	13.2	201.6 *	57.5	0.6	100	19.8	240.5 *	55.2	0.0	100	20.2	245.0	56.3	0.0	97
CHANNEL 205-19STXRIB	105	A500	1,2,3,4,6	16.9	224.3	56.2	0.0	99	12.7	210.2 *	56.4	0.0	98	18.4	223.3	55.5	0.0	100	19.5	239.5	56.6	0.0	100
DAIRYLAND SEED DS-9307RA	107	C500	1,2,3,4,6	18.9	214.5	56.6	2.4	99	13.5	207.5 *	57.9	7.3	97	21.4	206.9	55.2	0.0	100	21.9	229.1	56.6	0.0	100
DEKALB DKC50-82 GENSSRIB	100	P500	1,2,3,4,6	15.9	212.3	56.7	0.3	100	12.6	195.0	56.3	0.9	100	17.5	212.2	55.8	0.0	100	17.7	229.7	58.0	0.0	100
DEKALB DKC52-84 GENSSRIB	102	P500	1,2,3,4,6	15.3	215.0	55.4	0.1	98	12.3	184.9	55.8	0.3	97	17.5	225.2	54.1	0.0	99	16.1	234.8	56.3	0.0	99
DEKALB DKC53-68 GENSSRIB	103	P500	1,2,3,4,6	16.7	216.8	57.4	0.0	95	12.7	195.6	58.3	0.0	93	19.2	223.8	56.0	0.0	98	18.4	231.0	57.8	0.0	94
DEKALB DKC54-38 GENSSRIB	104	P500	1,2,3,4,6	17.1	219.6	57.6	0.0	95	13.0	195.9	58.3	0.0	93	18.9	227.9	56.4	0.0	100	19.5	234.9	58.1	0.0	94
DEKALB DKC55-20 GENSSRIB	105	P500	1,2,3,4,6	16.9	223.7	56.2	0.1	98	12.6	196.8	57.0	0.3	99	18.4	217.4	54.8	0.0	99	19.8	257.0 *	56.9	0.0	95
DEKALB DKC57-75 GENSSRIB	107	P500	1,2,3,4,6	18.5	224.5	56.2	0.3	100	12.6	193.3	57.1	0.9	99	21.6	237.7 *	55.3	0.0	100	21.2	242.5	56.1	0.0	100
DYNAGRO CX15104	104	500	1,2	17.2	219.9	57.1	0.1	98	12.8	191.8	58.5	0.3	98	19.1	230.0	55.7	0.0	100	19.6	237.9	57.1	0.0	96
DYNAGRO D43SS50	103	500	1,2,3,4,6	18.1	219.1	58.2	0.3	94	13.3	206.9 *	59.0	0.9	97	19.7	220.6	57.0	0.0	99	21.3	229.9	58.6	0.0	86
GOLDEN HARVEST G07B39-3111A	107	C500	1,2,3,4,6,A	21.8	203.7	55.0	0.8	97	13.9	158.8	56.3	2.3	99	26.3	221.3	53.3	0.0	100	25.2	231.1	55.4	0.0	93
GREAT LAKES 5283STXRIB	102	P500	1,2,3,6	17.0	232.0 *	57.8	0.2	99	12.9	214.3 *	58.6	0.6	97	19.5	240.3 *	56.5	0.0	100	18.6	241.4	58.2	0.0	100
GREAT LAKES 5470STXRIB	104	P500	1,2,3,6	17.5	226.1	57.9	0.2	97	13.2	197.0	59.4	0.6	95	19.9	232.9	56.9	0.0	97	19.4	248.2 *	57.4	0.0	100
GREAT LAKES 5566STX	105	P500	1,2,3,6	18.3	223.3	58.8	0.0	100	13.6	200.1	59.9	0.0	99	20.4	228.3	57.5	0.0	100	21.0	241.6	59.0	0.0	100
GREAT LAKES 5755STXRIB	107	P500	1,2,3,6	18.4	221.6	57.4	0.2	97	13.2	196.9	57.8	0.6	96	21.0	220.6	55.7	0.0	100	20.9	247.5 *	58.7	0.0	94
KEY 607Q	107	ENC	1,2,3	19.9	216.5	55.4	0.0	98	12.9	194.7	56.4	0.0	96	24.2	222.2	54.4	0.0	99	22.6	232.7	55.5	0.0	100
LEGACY SEEDS L-6025 GENSS	107	P500	1,2,3,4,6	18.6	219.0	56.7	0.0	97	12.8	183.8	58.2	0.0	97	20.9	231.6	55.8	0.0	96	22.3	241.6	56.2	0.0	97
M&W SEEDS 45A38	101	P250	1,2,3,4,6	15.5	222.4	57.3	0.0	90	12.8	206.6 *	57.5	0.0	87	16.8	214.2	55.9	0.0	89	17.0	246.3 *	58.4	0.0	93
M&W SEEDS 45J99	104	P250	1,2	16.4	209.3	57.9	0.0	100	12.3	176.7	57.8	0.0	100	19.1	214.2	56.8	0.0	100	17.8	237.1	59.2	0.0	100
M&W SEEDS 45M34	100	P250	1,2,3,4,6	16.4	216.5	56.9	0.3	100	12.6	192.7	57.0	0.9	99	18.5	227.2	56.1	0.0	100	18.1	229.6	57.7	0.0	100
M&W SEEDS 45M45	103	P250	1,2,3,4,6	17.2	221.2	56.8	0.0	94	12.7	196.6	57.7	0.0	91	18.6	231.8	55.6	0.0	93	20.3	235.3	57.2	0.0	98
M&W SEEDS 45M80	103	P250	1,2,3,4,6	17.4	215.9	57.1	0.0	97	12.9	181.8	57.4	0.0	94	19.2	219.6	55.9	0.0	97	20.2	246.3 *	58.0	0.0	99
MYCOGEN 2Y669	107	C500	1,2,3,4,6	19.1	203.3	57.1	2.1	98	13.5	181.7	58.6	6.2	100	21.8	207.9	55.9	0.0	100	21.9	220.4	56.8	0.0	93
MYCOGEN X13617	107	C500	1,2,3,4,6	19.3	216.3	55.4	0.4	100	12.9	196.7	57.0	1.1	100	24.4	220.4	53.8	0.0	100	20.7	231.8	55.5	0.0	99
NK Brand N59B-3111A	107	C500	1,2,3,4,6,A	21.4	214.0	55.1	0.8	100	13.4	181.8	56.5	2.3	100	25.5	221.5	54.1	0.0	100	25.3	238.8	54.6	0.0	100
NuTech/G2 GENETICS 5F-707™	107	P500	1,2,4,6	18.7	213.3	56.1	0.8	94	14.1	193.8	58.3	2.3	94	20.8	214.6	54.6	0.0	90	21.2	231.5	55.4	0.0	98
NuTech/G2 GENETICS 5H-806™	106	P500	1,2,4,6	19.2	221.0	57.1	0.0	99	13.4	201.1 *	59.5	0.0	99	21.8	230.3	55.3	0.0	100	22.5	231.8	56.5	0.0	99
NuTech/G2 GENETICS 5Z-504™	104	P500	1,2,4,6	17.7	231.9 *	56.9	0.1	100	13.1	204.8 *	58.1	0.3	100	19.5	253.4 **	55.3	0.0	100	20.4	237.6	57.3	0.0	100
NuTech/G2 GENETICS 5Z-906™	106	P500	1,2,4,6	19.0	227.0	57.1	0.3	94	13.2	216.8 **	57.8	0.8	94	22.3	233.4	55.5	0.0	100	21.5	230.8	58.0	0.0	90
PARTNERS BRAND PB7672 3000GT	106	C250	1,2,3,4	17.7	217.8	56.2	0.2	99	13.0	189.4	57.2	0.6	99	20.1	222.9	55.7	0.0	100	19.9	241.0	55.7	0.0	97
RENK RK699SSTX	105	P500	1,2,3,4,6	19.1	200.3	57.0	0.0	85	13.5	176.9	58.4	0.0	87	21.8	197.0	56.0	0.0	86	22.0	227.1	56.7	0.0	81
RENK RK712SSTX	106	P500	1,2,3,4,6	17.8	211.8	57.7	0.1	94	13.2	186.4	58.4	0.3	98	20.6	218.0	56.7	0.0	99	19.6	231.0	58.1	0.0	86
RENK RK776SSTX	107	P500	1,2,3,4,6	18.9	215.2	57.1	0.3	98	12.5	164.4	57.6	0.9	100	22.5	231.6	55.8	0.0	100	21.7	249.6 *	58.0	0.0	95
RUPP XRD03-71	103	250	1,2	15.8	225.4	56.9	0.0	98	12.9	196.6	58.5	0.0	95	16.7	227.1	55.7	0.0	99	17.8	252.7 *	56.6	0.0	100
RUPP XRD05-04	105	P250	1,2	17.0	227.8 *	57.1	0.1	100	12.5	191.1	56.5	0.3	100	19.8	237.0	56.6	0.0	100	18.8	255.5 *	58.3	0.0	100
RUPP XRD07-19	107	250	1,2	18.4	221.7	56.0	0.4	100	12.9	202.6 *	56.8	1.1	99	21.2	223.9	55.1	0.0	100	21.0	238.6	56.2	0.0	100
RUPP XRD99-30	99	P250	1,2	14.2	202.1	56.8	0.0	100	12.2	184.0	57.5	0.0	100	15.4	212.8	56.2	0.0	100	14.8	209.6	56.7	0.0	100
RUPP XRJ03-31	103	C250	1,2,3,4,6	17.2	224.3	57.0	0.4	98	13.1	201.3 *	58.2	1.3	94	18.7	225.6	55.9	0.0	100	19.9	246.0 *	56.9	0.0	100
RUPP XRJ07-20	107	P250	1,2,3,4,6	18.5	204.4	57.6	0.0	98	12.8	183.8	59.3	0.0	98	20.1	220.5	56.3	0.0	100	22.5	209.0	57.3	0.0	97
SEED CONSULTANTS SCS 1034AM™	103	P500	1,2,4	18.8	222.3	57.4	0.1	98	13.5	202.1 *	59.8	0.3	99	21.2	224.3	56.6	0.0	100	21.8	240.6	55.8	0.0	96
SEED CONSULTANTS SCS 1066YHR™	106	P500	1,2,4	18.9	213.7	56.3	0.8	99	13.1	176.3	58.0	2.3	99	22.9	225.9	55.2	0.0	100	20.9	238.9	55.7	0.0	97
SEED CONSULTANTS SCS 10HR43™	104	P1250	1,2,4	19.0	220.1	56.9	0.7	97	13.7	173.2	59.2	2.0	99	21.7	243.2 *	55.3	0.0	100	21.6	244.0	56.3	0.0	92

SPECIALTY 29A263	99	P500	1,2,3,4,6	15.4	221.0	56.9	0.2	99	12.3	197.5	57.4	0.6	96	16.7	234.8	55.7	0.0	100	17.1	230.7	57.6	0.0	99
SPECIALTY 32A323	102	P500	1,2,3,4,6	15.7	230.7 *	56.0	0.2	100	12.5	200.6 *	56.5	0.6	99	17.1	226.9	55.3	0.0	100	17.5	264.5 **	56.1	0.0	100
SPECIALTY 34A413	104	P500	1,2,3,4,6	17.8	223.4	57.2	0.3	96	12.8	192.5	57.9	0.9	93	19.9	234.7	56.2	0.0	100	20.6	242.9	57.5	0.0	94
SPECIALTY 35A655	105	P500	1,2,3,4,6	18.3	219.0	56.8	0.3	96	12.9	198.9	57.4	0.8	95	21.0	222.4	55.7	0.0	99	21.1	235.8	57.4	0.0	95
WELLMAN W2307DP	107	ENC	1,2	19.4	236.4 *	56.3	0.8	98	13.0	215.8 *	56.8	2.3	99	22.9	244.7 *	55.4	0.0	100	22.3	248.6 *	56.7	0.0	95
WELLMAN W2401DP	100	ENC	1,2	15.4	225.7	58.5	0.4	95	12.7	202.3 *	58.0	1.1	99	17.2	225.7	59.7	0.0	100	16.4	249.1 *	57.7	0.0	87
WELLMAN W2603DP	103	ENC	1,2	17.6	215.6	58.3	0.0	97	13.1	182.9	59.1	0.0	91	19.8	226.2	57.1	0.0	99	19.9	237.6	58.7	0.0	100
AVERAGE				17.8	219.6	56.9	0.3	97	13.0	193.8	57.8	0.9	97	20.2	226.2	55.8	0.0	99	20.2	238.7	57.1	0.0	97
HIGHEST				21.8	236.9	58.8	2.4	100	14.1	216.8	59.9	7.3	100	26.3	253.4	59.7	0.0	100	25.3	264.5	59.2	0.0	100
LOWEST				14.2	200.3	55.0	0.0	85	12.2	158.8	55.8	0.0	87	15.4	197.0	53.3	0.0	86	14.8	209.0	54.6	0.0	81
CV (%)				4.7	6.6	1.7	361.9	5.0	3.2	7.2	1.7	208.9	5.0	4.5	5.9	1.6	0.0	3.0	5.3	6.6	1.8	0.0	7.0
LSD (5%)				0.6	9.7	0.6	0.7	3.0	0.5	16.4	1.1	2.1	6.0	1.1	15.7	1.0	0.0	3.0	1.3	18.5	1.2	0.0	8.0

2 Year Averages 2015 - 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 A6416STXRIB	107	P500	1,2,3,4,6	22.1	221.2 *	54.9	0.1	100	16.7	223.3	56.3	0.3	99	23.1	223.3	54.4	0.0	100	26.4	217.1	54.2	0.0	100
BECK XL 5140HR™*	105	ESC	1,2,4	21.6	226.5 *	55.7	0.0	97	16.6	220.6	57.3	0.0	95	22.5	228.6 *	55.5	0.0	100	25.8	230.4 *	54.4	0.0	98
DEKALB DKC52-84 GENSSRIB	102	P500	1,2,3,4,6	17.5	215.6	54.5	0.0	99	14.6	208.7	55.2	0.1	98	18.3	217.1	53.9	0.0	100	19.6	221.0 *	54.6	0.0	99
DEKALB DKC54-38 GENSSRIB	104	P500	1,2,3,4,6	19.9	212.9	56.0	0.0	98	15.5	201.9	57.1	0.0	96	19.6	216.9	55.8	0.0	100	24.6	219.7	55.0	0.0	97
DEKALB DKC55-20 GENSSRIB	105	P500	1,2,3,4,6	19.4	224.5 *	55.0	0.0	98	15.4	228.4 *	56.2	0.1	99	20.0	215.3	54.1	0.0	99	22.8	229.7 *	54.8	0.0	97
DEKALB DKC57-75 GENSSRIB	107	P500	1,2,3,4,6	21.6	215.6	54.5	0.1	99	15.7	211.7	55.9	0.4	99	23.0	218.6	54.0	0.0	100	26.1	216.4	53.5	0.0	100
GREAT LAKES 5283STXRIB	102	P500	1,2,3,6	19.7	226.4 *	55.7	0.1	98	15.5	230.5 *	56.5	0.3	97	20.1	227.1	55.6	0.0	98	23.5	221.8 *	55.0	0.0	100
GREAT LAKES 5566STX	105	P500	1,2,3,6	20.7	215.1	57.2	0.0	100	16.7	210.8	58.4	0.0	99	20.8	210.4	56.9	0.0	100	24.6	224.0 *	56.4	0.0	100
GREAT LAKES 5755STXRIB	107	P500	1,2,3,6	21.9	222.4 *	55.2	0.1	98	16.9	230.3 *	56.1	0.3	97	22.8	219.6	54.6	0.0	100	26.2	217.3	54.9	0.0	97
M&W SEEDS 45A38	101	P250	1,2,3,4,6	17.7	224.8 *	56.3	0.0	94	15.0	226.7 *	56.8	0.0	93	17.9	216.5	55.7	0.0	94	20.2	231.2 **	56.3	0.0	95
M&W SEEDS 45J99	104	P250	1,2	19.3	209.0	56.7	0.0	98	15.5	198.1	57.2	0.0	97	20.0	211.5	56.5	0.0	97	22.4	217.5	56.5	0.0	99
M&W SEEDS 45M80	103	P250	1,2,3,4,6	19.7	206.6	55.5	0.0	96	15.4	194.4	56.1	0.0	92	20.1	210.5	55.0	0.0	96	23.6	215.0	55.3	0.0	99
NuTech/G2 GENETICS 5H-806™	106	P500	1,2,4,6	21.6	227.7 **	55.8	0.0	97	16.3	237.8 **	57.9	0.0	97	22.1	227.8 *	55.5	0.0	96	26.3	217.4	54.1	0.0	98
RENK RK699SSTX	105	P500	1,2,3,4,6	21.6	203.7	55.3	0.0	91	16.9	197.2	56.5	0.0	91	22.1	202.0	54.9	0.0	90	25.8	211.8	54.5	0.0	90
RENK RK712SSTX	106	P500	1,2,3,4,6	21.4	204.5	56.0	0.1	97	16.4	209.1	56.6	0.2	99	22.5	204.3	55.8	0.0	99	25.3	200.1	55.5	0.0	93
RENK RK776SSTX	107	P500	1,2,3,4,6	22.4	215.8	55.5	0.1	99	16.9	209.3	56.4	0.4	99	24.0	216.0	55.1	0.0	99	26.3	222.1 *	55.2	0.0	97
RUPP XRD05-04	105	P250	1,2	19.7	222.0 *	55.7	0.2	100	15.1	216.6	56.0	0.6	100	20.3	223.7	55.5	0.0	100	23.8	225.5 *	55.7	0.0	100
RUPP XRJ03-31	103	C250	1,2,3,4,6	19.5	211.5	55.5	0.2	98	15.4	208.5	56.8	0.7	97	20.0	210.4	55.0	0.0	98	23.0	215.6	54.7	0.0	100
RUPP XRJ07-20	107	P250	1,2,3,4,6	21.6	206.6	55.9	0.3	99	16.3	209.0	57.5	0.9	98	22.2	211.3	55.5	0.0	99	26.3	199.6	54.9	0.0	98
SEED CONSULTANTS SCS 10HR43™	104	P1250	1,2,4	21.7	226.2 *	55.5	0.3	98	16.7	217.3	57.2	1.0	98	22.1	238.5 **	55.1	0.0	100	26.5	222.8 *	54.1	0.0	96
SPECIALTY 32A323	102	P500	1,2,3,4,6	18.0	221.0 *	55.1	0.1	99	14.7	216.0	55.9	0.3	98	18.5	217.4	54.7	0.0	100	20.9	229.6 *	54.6	0.0	100
SPECIALTY 34A413	104	P500	1,2,3,4,6	20.0	216.8	56.0	0.1	98	15.3	210.0	56.8	0.4	96	20.8	220.3	55.6	0.0	100	23.9	220.1 *	55.5	0.0	97
WELLMAN W2307DP	107	ENC	1,2	22.6	227.4 *	54.7	0.7	98	17.1	230.0 *	55.7	2.0	98	23.7	228.2 *	54.4	0.0	99	26.9	223.9 *	54.0	0.0	97
WELLMAN W2401DP	100	ENC	1,2	17.6	218.4	56.5	0.2	97	14.4	216.2	56.9	0.6	97	17.6	214.4	57.8	0.0	100	20.8	224.4 *	55.0	0.0	93
AVERAGE				20.4	217.6	55.6	0.1	98	15.9	215.1	56.6	0.4	97	21.0	217.9	55.3	0.0	99	24.2	219.7	54.9	0.0	98
HIGHEST				22.6	227.7	57.2	0.7	100	17.1	237.8	58.4	2.0	100	24.0	238.5	57.8	0.0	100	26.9	231.2	56.5	0.0	100
LOWEST				17.5	203.7	54.5	0.0	91	14.4	194.4	55.2	0.0	91	17.6	202.0	53.9	0.0	90	19.6	199.6	53.5	0.0	90
CV (%)				6.1	6.5	1.8	388.4	4.0	5.2	7.2	1.7	242.8	5.0	4.8	6.1	1.8	0.0	3.0	7.1	6.1	1.9	0.0	5.0
LSD (5%)				0.6	6.8	0.5	2.2	2.0	0.6	12.4	0.8	1.3	4.0	0.8	11.1	0.8	0.0	2.0	1.3	11.4	0.9	0.0	4.0

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

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

2015				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 A6441STX	109	P500	1,2,3,6	19.4	223.3 *	56.2	0.5	100	13.4	195.1	58.3	1.4	100	21.1	233.9	54.9	0.0	100	23.8	240.9 *	55.4	0.0	99
AGRIGOLD A6462STXRIB	110	P500	1,2,3,4,6	22.3	227.7 **	55.6	0.1	97	14.2	218.1 **	57.7	0.3	100	24.4	234.5 *	54.8	0.0	100	28.4	230.5	54.2	0.0	92
AGRIGOLD A6472VT3PRIB	110	P500	1,2,3	20.5	207.3	56.9	0.0	98	13.1	190.6	59.6	0.0	99	23.8	217.6	56.0	0.0	99	24.8	213.7	55.2	0.0	96
BECK XL 5828AM™*	110	ESC	1,2,4	20.9	224.9 *	55.4	0.6	100	14.6	195.9	57.8	1.7	100	22.2	235.5 *	55.0	0.0	100	26.1	243.5 *	53.4	0.0	100
BECK XL 5840AM™*	108	ESC	1,2,4	20.7	203.1	55.6	0.5	99	13.7	175.2	58.2	1.4	100	23.4	225.7	54.7	0.0	99	24.9	208.4	54.0	0.0	98
BECK XL 5939AM™*	109	ESC	1,2,4	21.5	205.3	55.9	1.5	99	14.0	186.6	58.1	4.5	100	23.9	221.0	54.9	0.0	99	26.7	208.3	54.6	0.0	99
DAIRYLAND SEED DS-9409RA	109	C500	1,2,3,4,6	19.8	206.2	56.1	1.4	100	13.5	181.9	58.0	4.2	100	21.4	229.4	55.9	0.0	100	24.4	207.4	54.3	0.0	101
DAIRYLAND SEED DS-9508RA	108	C500	1,2,3,4,6	20.2	219.8 *	53.8	0.0	99	13.3	191.2	55.4	0.0	99	23.5	239.3 *	52.6	0.0	100	23.8	229.1	53.5	0.0	99
DEKALB DKC58-06 GENSSRIB	108	P500	1,2,3,4,6	19.9	222.0 *	57.5	0.3	97	13.7	211.7 *	59.7	0.9	98	22.4	226.5	56.2	0.0	96	23.6	227.7	56.5	0.0	96
DEKALB DKC60-67 GENSSRIB	110	P500	1,2,3,4,6	19.1	220.2 *	58.6	0.2	99	13.2	207.4 *	60.1	0.6	99	21.4	232.0	58.3	0.0	100	22.7	221.3	57.4	0.0	98
DEKALB DKC62-08 GENSSRIB	112	P500	1,2,3,4,6	22.0	207.9	55.4	0.0	99	13.4	182.9	56.5	0.0	99	25.3	229.8	54.5	0.0	100	27.3	211.1	55.2	0.0	99
DYNAGRO D48SS38	108	P500	1,2,3,4,6	19.4	212.4	57.4	0.0	100	13.1	190.3	58.9	0.0	100	22.3	223.4	56.3	0.0	100	22.9	223.5	57.0	0.0	99
DYNAGRO D51SS54	111	500	1,2,3,4,6	22.3	226.5 *	55.8	0.0	97	15.2	209.0 *	57.8	0.0	100	24.6	234.8 *	54.9	0.0	99	27.2	235.8	54.7	0.0	91
GOLDEN HARVEST G09E98-3000GT	109	C500	1,2,3,4	20.2	216.1	57.8	0.0	100	13.9	194.2	60.2	0.0	100	22.3	233.7	57.0	0.0	100	24.4	220.5	56.2	0.0	99
GREAT LAKES 5918STXRIB	109	P500	1,2,3,6	20.6	212.0	56.4	0.5	98	13.3	195.7	59.0	1.4	99	23.4	234.0	54.8	0.0	100	25.2	206.3	55.3	0.0	96
GREAT LAKES 5944STXRIB	109	P500	1,2,3,6	20.9	213.8	55.8	0.2	97	13.2	180.6	58.0	0.6	99	23.6	226.2	54.6	0.0	97	25.8	234.7	54.7	0.0	96
GREAT LAKES 6068STXRIB	110	P500	1,2,3,6	21.3	202.0	55.9	0.1	98	13.8	178.7	58.3	0.3	100	24.5	229.6	54.2	0.0	100	25.6	197.6	55.2	0.0	93
KEY 610QR	110	ENC	1,2,3	19.4	217.3	54.7	0.0	100	13.8	194.5	56.8	0.0	100	23.6	228.6	52.8	0.0	100	20.7	228.8	54.5	0.0	100
LEGACY SEEDS L-6913 GENSS RIB	108	P500	1,2,3,4,6	20.0	206.2	56.8	0.5	98	12.8	190.5	58.3	1.4	99	23.5	232.7	55.7	0.0	99	23.8	195.4	56.3	0.0	97
M&W SEEDS 44D81	108	P250	1,2	18.8	220.0 *	55.8	0.1	99	12.3	203.4 *	56.1	0.3	99	20.9	239.5 *	55.8	0.0	100	23.3	217.2	55.6	0.0	99
NK Brand N63R-3000GT Brand	109	C500	1,2,3,4	19.9	222.7 *	57.9	0.5	97	13.2	199.3	59.8	1.4	100	21.7	237.4 *	57.4	0.0	93	24.8	231.4	56.6	0.0	99
NK Brand N66V-3000GT	110	C500	1,2,3,4	19.5	205.0	57.6	1.0	99	12.6	169.1	59.1	3.1	100	22.5	236.8 *	57.1	0.0	99	23.4	209.1	56.6	0.0	97
NK Brand N70J-3011A	112	C500	1,2,3,4,A	20.0	199.0	56.9	0.2	99	13.5	178.0	58.6	0.6	98	25.6	228.1	55.2	0.0	99	20.8	190.9	56.8	0.0	100
NuTech/G2 GENETICS 5F-510™	110	P500	1,2,4,6	20.1	215.6	57.9	0.2	98	14.1	188.1	59.6	0.6	100	22.6	229.7	56.8	0.0	100	23.6	228.9	57.2	0.0	95
NuTech/G2 GENETICS 5F-709™	109	P500	1,2,4,6	20.3	223.7 *	55.9	0.6	98	14.4	182.1	58.4	1.7	98	22.7	234.5 *	54.6	0.0	100	23.9	254.4 **	54.6	0.0	97
NuTech/G2 GENETICS 5Z-308™	108	P500	1,2,4,6	19.7	219.1 *	56.8	0.4	99	13.3	185.5	58.1	1.1	100	22.0	250.6 **	56.3	0.0	98	23.9	221.2	55.9	0.0	100
RENK RK791SSTX	108	P500	1,2,3,4,6	19.1	216.0	56.9	0.1	92	12.7	193.6	57.9	0.3	95	21.3	247.8 *	56.1	0.0	93	23.2	206.8	56.6	0.0	88
RENK RK810SSTX	109	P500	1,2,3,4,6	22.3	217.7	55.5	0.8	96	13.6	187.7	57.5	2.5	100	24.6	239.0 *	55.1	0.0	94	28.6	226.3	54.1	0.0	95
RENK RK871VT2P	111	P250	1,2	20.2	213.8	55.4	0.2	100	13.1	183.2	57.1	0.6	100	23.5	239.1 *	55.1	0.0	100	24.0	219.1	54.0	0.0	100
RUPP XRJ10-91	110	C250	1,2,3,4,6	18.8	214.9	57.2	0.0	97	12.8	188.0	58.7	0.0	98	21.9	225.2	56.3	0.0	100	21.7	231.5	56.8	0.0	93
SEED CONSULTANTS SC 10AQ96™	109	A250	1,2,3,4	19.8	217.9	56.2	0.1	94	13.3	197.8	57.4	0.3	97	23.2	237.3 *	54.9	0.0	95	23.1	218.7	56.3	0.0	90
SEED CONSULTANTS SCS 1085AM™	108	P500	1,2,4	20.3	207.4	56.1	0.5	96	13.5	184.0	57.8	1.6	93	23.4	219.5	54.9	0.0	98	24.2	218.6	55.5	0.0	98
SEED CONSULTANTS SCS 1094AM™	109	C250	1,2,4	21.1	213.4	55.0	0.6	99	13.7	180.1	58.3	1.7	99	23.1	231.6	54.4	0.0	100	26.4	228.6	52.4	0.0	98
SEED CONSULTANTS SCS 1105AM™	110	P500	1,2,4	20.0	207.7	55.3	0.2	99	13.1	172.5	57.1	0.6	100	22.0	218.5	55.2	0.0	99	24.8	232.1	53.8	0.0	97
SPECIALTY 38A573	108	P500	1,2,3,4,6	19.0	221.0 *	55.9	0.1	97	13.2	200.0	57.6	0.3	98	21.0	231.8	54.9	0.0	99	22.7	231.3	55.1	0.0	95
WELLMAN W2409S	109	ENC	1,2,4	19.4	219.6 *	57.3	0.0	99	13.4	208.9 *	59.2	0.0	100	22.3	230.0	56.2	0.0	100	22.5	219.9	56.6	0.0	96
WELLMAN W2610DP	110	ENC	1,2	22.7	218.1 *	54.9	0.5	98	13.9	199.6	57.2	1.4	99	24.0	233.2	55.0	0.0	97	30.0	221.5	52.5	0.0	97
AVERAGE				20.3	214.8	56.3	0.3	98	13.5	191.1	58.2	1.0	99	22.9	231.8	55.4	0.0	99	24.5	221.4	55.3	0.0	97
HIGHEST				22.7	227.7	58.6	1.5	100	15.2	218.1	60.2	4.5	100	25.6	250.6	58.3	0.0	100	30.0	254.4	57.4	0.0	101
LOWEST				18.8	199.0	53.8	0.0	92	12.3	169.1	55.4	0.0	93	20.9	217.6	52.6	0.0	93	20.7	190.9	52.4	0.0	88
CV (%)				5.6	6.7	1.5	306.1	4.0	4.4	7.5	1.4	176.7	2.0	5.0	6.0	1.4	0.0	3.0	6.0	6.7	1.7	0.0	6.0
LSD (5%)				0.8	9.7	0.6	0.7	3.0	0.7	16.7	0.9	2.0	3.0	1.3	16.3	0.9	0.0	4.0	1.7	17.3	1.1	0.0	7.0

2 Year Averages 2015 - 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	23.0	208.0	55.6	0.0	99	17.6	204.2	57.2	0.0	99	23.8	217.4	55.9	0.0	100	27.8	202.4	53.8	0.0	98
BECK XL 5828AM™*	110	ESC	1,2,4	24.5	212.3	53.7	0.4	100	18.9	210.2	55.2	1.1	100	24.1	214.8	54.2	0.0	100	30.4	211.8	51.6	0.0	100
DEKALB DKC60-67 GENSSRIB	110	P500	1,2,3,4,6	22.5	217.2 *	56.3	0.2	99	17.3	226.9 **	57.8	0.6	99	22.4	218.4 *	56.8	0.0	100	27.8	206.2	54.4	0.0	99
DEKALB DKC62-08 GENSSRIB	112	P500	1,2,3,4,6	27.2	205.8	53.5	0.0	100	20.3	205.4	54.5	0.0	100	28.2	216.8	53.8	0.0	100	33.2	195.1	52.2	0.0	99
DYNAGRO D48SS38	108	P500	1,2,3,4,6	23.5	209.1	55.4	0.0	99	18.6	216.5 *	56.9	0.0	98	23.3	211.4	55.4	0.0	100	28.7	199.3	54.0	0.0	100
GOLDEN HARVEST G09E98-3000GT	109	C500	1,2,3,4	24.1	206.9	55.4	0.1	98	18.6	200.9	57.5	0.3	98	24.0	214.5	55.3	0.0	99	29.8	205.4	53.3	0.0	98
GREAT LAKES 5918STXRIB	109	P500	1,2,3,6	23.9	210.3	54.9	0.2	98	18.2	209.8	56.8	0.7	99	23.9	224.6 *	55.1	0.0	99	29.6	196.5	53.0	0.0	97
GREAT LAKES 6068STXRIB	110	P500	1,2,3,6	25.3	201.9	53.9	0.0	97	19.8	205.0	55.7	0.1	98	26.2	212.2	53.2	0.0	99	30.0	188.5	52.8	0.0	95
LEGACY SEEDS L-6913 GENSS RIB	108	P500	1,2,3,4,6	22.9	206.1	55.1	0.2	99	18.5	206.0	56.3	0.7	98	24.0	217.4	55.0	0.0	100	26.3	194.8	54.0	0.0	98
NK Brand N63R-3000GT Brand	109	C500	1,2,3,4	23.7	221.2 **	55.7	0.4	98	18.1	223.5 *	57.5	1.1	99	24.1	220.4 *	55.7	0.0	96	29.0	219.6 *	54.0	0.0	99
NK Brand N70J-3011A	112	C500	1,2,3,4,A	24.6	199.7	54.4	0.1	98	18.4	197.2	56.2	0.3	99	27.1	219.8 *	54.0	0.0	96	28.1	182.1	53.2	0.0	100
NuTech/G2 GENETICS 5F-709™	109	P500	1,2,4,6	23.8	215.6 *	54.0	0.3	97	19.3	212.4	55.8	0.8	93	24.2	210.4	53.8	0.0	98	28.0	224.0 **	52.5	0.0	98
RENK RK791SSTX	108	P500	1,2,3,4,6	22.6	212.7	54.7	0.0	94	17.1	205.7	55.3	0.1	96	22.0	230.4 **	54.8	0.0	94	28.7	201.9	53.9	0.0	92
RUPP XRJ10-91	110	C250	1,2,3,4,6	23.2	204.5	55.0	0.0	98	18.0	202.3	56.4	0.0	99	24.0	209.8	55.1	0.0	100	27.6	201.3	53.6	0.0	96
SPECIALTY 38A573	108	P500	1,2,3,4,6	22.9	216.7 *	54.1	0.0	99	18.0	221.7 *	55.4	0.1	99	22.2	216.6	53.9	0.0	100	28.5	211.9	53.0	0.0	97
WELLMAN W2409S	109	ENC	1,2,4	22.9	214.3	55.4	0.0	98	17.9	215.6 *	56.8	0.0	98	23.0	224.0 *	55.3	0.0	98	27.7	203.3	54.0	0.0	98
AVERAGE				23.8	210.1	54.8	0.1	98	18.4	210.2	56.3	0.4	98	24.2	217.4	54.8	0.0	99	28.8	202.8	53.3	0.0	98
HIGHEST				27.2	221.2	56.3	0.4	100	20.3	226.9	57.8	1.1	100	28.2	230.4	56.8	0.0	100	33.2	224.0	54.4	0.0	100
LOWEST				22.5	199.7	53.5	0.0	94	17.1	197.2	54.5	0.0	93	22.0	209.8	53.2	0.0	94	26.3	182.1	51.6	0.0	92
CV (%)				6.2	6.7	1.7	358.1	4.0	5.7	7.2	1.4	191.5	4.0	5.7	6.8	1.8	0.0	4.0	6.5	6.1	1.9	0.0	4.0
LSD (5%)				0.7	6.8	0.4	2.1	2.0	0.8	12.0	0.7	1.2	4.0	1.1	12.5	0.8	0.0	3.0	1.5	10.6	0.8	0.0	4.0

** 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

2015				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 A6283VT2PRO	101	P500	1,2	20.6	223.0	55.8	0.0	100	24.0	216.5	54.3	0.0	100	17.4	230.8	57.8	0.0	100	20.6	221.7	55.2	0.0	100
BECK 5162A3	101	ESC	1,2,3,4	20.7	229.3	57.2	0.0	99	23.0	223.7	56.2	0.0	98	17.6	239.8	58.6	0.0	100	21.5	224.4	56.9	0.0	99
BECK XL 4721AM™*	97	ESC	1,2,4	19.5	234.6	54.4	0.0	99	21.0	226.6 *	53.1	0.0	98	17.2	253.6 *	56.0	0.0	99	20.3	223.7	54.3	0.0	99
CHANNEL 197-68STXRIB	97	P500	1,2,3,4,6	21.1	240.2 *	56.1	0.0	98	23.1	238.7 *	55.3	0.0	96	16.8	251.5	58.3	0.0	99	23.5	230.5 *	54.7	0.0	100
CROPLAN 3611SS/RIB	96	P500	1,2,3,4,6	19.4	234.6	57.4	0.0	97	21.7	212.8	55.9	0.0	95	15.5	250.5	59.6	0.0	98	21.0	240.4 *	56.8	0.0	98
CROPLAN 3899VT2P/RIB	96	P250	1,2,3	20.9	247.6 **	56.3	0.0	99	23.0	240.8 **	55.3	0.0	100	17.1	265.0 **	58.2	0.0	97	22.8	237.1 *	55.5	0.0	99
DAIRYLAND SEED DS-9198	98	P500	1,2,3,4,6	19.7	217.5	54.7	0.0	99	22.7	210.5	53.3	0.0	99	16.2	244.0	57.1	0.0	100	20.3	198.0	53.7	0.0	99
DAIRYLAND SEED DS-9599	99	C500	1,2,3,4	21.6	219.8	55.3	0.0	98	23.3	212.5	55.0	0.0	97	18.3	234.6	57.3	0.0	99	23.3	212.3	53.7	0.0	100
DAIRYLAND SEED DS-9701	101	P500	1,2,3,4,6	21.9	221.3	55.1	0.0	95	24.9	214.9	53.6	0.0	93	17.7	237.1	56.7	0.0	96	23.3	211.8	54.9	0.0	97
DEKALB DKC44-13 GENSSRIB	94	P500	1,2,3,4,6	18.4	234.3	57.2	0.0	99	20.6	225.0	56.3	0.0	97	14.8	259.0 *	58.9	0.0	98	19.9	219.0	56.5	0.0	100
DEKALB DKC46-36 GENSSRIB	96	P500	1,2,3,4,6	19.8	231.5	56.4	0.0	100	22.3	225.7	55.1	0.0	100	15.2	245.4	58.5	0.0	99	22.1	223.6	55.6	0.0	99
DEKALB DKC46-79 GENSSRIB	96	P500	1,2,3,4,6	20.2	233.4	57.0	0.0	100	21.8	227.5 *	56.2	0.0	100	16.5	252.8 *	58.8	0.0	100	22.3	219.9	56.0	0.0	100
DEKALB DKC48-56 GENSSRIB	98	P500	1,2,3,4,6	20.4	228.0	55.9	0.0	97	22.0	207.4	54.7	0.0	90	16.8	247.0	58.0	0.0	100	22.4	229.7 *	55.0	0.0	100
DEKALB DKC49-72 GENSSRIB	99	P500	1,2,3,4,6	20.0	232.6	55.1	0.0	96	21.9	227.7 *	53.2	0.0	90	15.7	246.4	57.4	0.0	99	22.4	223.8	54.6	0.0	100
DEKALB DKC50-82 GENSSRIB	100	P500	1,2,3,4,6	20.2	226.1	55.8	0.0	99	22.1	216.4	53.9	0.0	99	16.4	240.9	57.9	0.0	97	22.1	221.2	55.6	0.0	100
DYNAGRO D37SS60	97	P500	1,2,3,4,6	19.5	233.3	57.4	0.5	100	21.4	225.1	56.8	0.0	100	15.4	249.1	59.5	0.0	99	21.6	225.6	56.0	1.4	100
DYNAGRO D39VP14	99	P500	1,2,3	20.3	232.7	56.9	0.0	99	21.4	233.4 *	56.3	0.0	99	16.5	250.5	58.8	0.0	98	23.0	214.2	55.7	0.0	99
DYNAGRO D39VP69	99	P500	1,2,3	19.4	220.9	56.3	0.0	98	22.5	216.9	54.8	0.0	100	15.2	230.2	58.3	0.0	94	20.5	215.5	56.0	0.0	100
DYNAGRO D40SS48	100	P500	1,2,3,4,6	20.2	232.8	56.9	0.0	98	22.1	232.2 *	56.2	0.0	100	15.5	242.6	59.6	0.0	97	22.9	223.7	55.0	0.0	96
DYNAGRO D41SS71	101	P500	1,2,3,4,6	21.6	230.0	56.3	0.0	99	23.3	236.0 *	55.2	0.0	98	18.4	234.3	57.9	0.0	100	23.2	219.7	55.9	0.0	100
GOLDEN HARVEST G01P52-3011A	101	C500	1,2,3,4,A	20.2	227.7	57.7	0.0	96	22.4	218.4	57.0	0.0	90	16.8	248.2	59.4	0.0	99	21.5	216.5	56.7	0.0	98
GREAT LAKES 4250VT2RIB	92	P500	1,2	16.9	226.5	56.7	0.0	99	18.3	213.3	55.1	0.0	100	13.5	245.9	58.6	0.0	97	18.7	220.2	56.5	0.0	100
GREAT LAKES 4452STX	94	P500	1,2,3,6	18.8	222.7	55.9	0.0	98	20.6	217.0	54.4	0.0	96	14.9	234.4	57.7	0.0	99	21.0	216.9	55.4	0.0	98
GREAT LAKES 4548STXRIB	95	P500	1,2,3,6	19.0	234.2	57.0	0.0	100	21.0	228.5 *	56.2	0.0	99	15.2	241.2	59.3	0.0	100	20.9	232.8 *	55.5	0.0	100
GREAT LAKES 4879STXRIB	98	P500	1,2,3,6	21.3	237.0	55.6	0.0	100	23.5	236.5 *	55.1	0.0	100	17.3	242.8	57.5	0.0	100	23.1	231.8 *	54.3	0.0	99
LEGACY SEEDS L-3845 GENSS	97	P500	1,2,3,4,6	18.7	232.4	56.1	0.0	96	20.7	230.8 *	54.9	0.0	93	15.4	242.8	57.8	0.0	99	19.9	223.5	55.6	0.0	96
LEGACY SEEDS L-4014 GENSS	98	P500	1,2,3,4,6	19.5	229.5	55.9	0.0	98	21.9	225.4	55.0	0.0	97	15.6	255.1 *	57.8	0.0	99	21.0	208.0	54.9	0.0	98
LEGACY SEEDS L-4424 GENSS	100	P500	1,2,3,4,6	21.4	233.7	55.4	0.3	99	23.3	221.5	54.4	0.0	99	17.0	238.6	57.7	0.9	97	23.9	241.1 **	54.0	0.0	100
LEGEND 40J501 RR	101	C250	1	19.4	222.9	56.9	0.0	96	21.0	206.9	56.7	0.0	90	15.9	239.1	58.8	0.0	100	21.2	222.8	55.2	0.0	98
LEGEND 9497 GENSS RIB	97	C250	1,2,3,6	20.5	234.6	56.4	0.0	96	21.8	232.7 *	55.7	0.0	94	17.3	243.1	58.3	0.0	95	22.5	227.9	55.2	0.0	100
LEGEND 94A01 GTA	100	C250	1	20.1	220.0	56.8	0.2	95	22.0	203.7	56.2	0.0	93	16.4	229.1	58.1	0.0	94	21.8	227.1	56.2	0.6	99
M&W SEEDS 45A38	101	P250	1,2,3,4,6	19.7	236.8	57.0	0.0	93	22.1	222.9	55.8	0.0	84	15.1	258.6 *	59.5	0.0	99	21.9	228.9	55.7	0.0	94
M&W SEEDS 45M34	100	P250	1,2,3,4,6	21.7	228.0	55.6	0.1	99	24.6	232.5 *	54.3	0.0	99	17.5	235.8	58.2	0.0	98	23.1	215.6	54.2	0.3	98
M&W SEEDS 46G55	98	P250	1	20.9	222.7	54.6	0.0	88	22.8	212.5	53.8	0.0	80	17.0	245.2	56.9	0.0	97	22.9	210.4	53.1	0.0	87
M&W SEEDS 46J11	96	P250	1,2	18.9	229.3	57.1	0.0	98	22.0	227.4 *	55.6	0.0	96	15.6	236.9	59.5	0.0	97	19.1	223.7	56.2	0.0	100
M&W SEEDS 46K79	98	P250	1,2,4,6	19.9	233.9	57.0	0.0	96	20.9	239.0 *	56.5	0.0	95	16.6	243.2	59.4	0.0	95	22.4	219.5	55.0	0.0	99
M&W SEEDS 47J66	94	P250	1,2	18.5	223.6	57.0	0.0	99	20.0	223.3	56.8	0.0	98	15.0	233.2	58.8	0.0	99	20.5	214.2	55.5	0.0	99
MYCOGEN 2A499	99	C500	1,2,3,4,6	20.8	221.4	56.6	0.0	100	22.2	216.1	56.0	0.0	99	17.9	232.2	58.1	0.0	100	22.4	215.9	55.6	0.0	100
NK Brand N45P-3011A	101	C500	1,2,3,4,A	20.2	228.3	57.3	0.0	96	22.3	227.6 *	56.6	0.0	96	17.1	244.0	58.4	0.0	92	21.2	213.4	57.0	0.0	99
NuTech/G2 GENETICS 5F-196™	96	P500	1,2,4,6	19.7	234.4	54.1	0.0	91	21.0	221.6	52.9	0.0	83	17.6	256.7 *	55.5	0.0	100	20.6	224.9	53.9	0.0	92
NuTech/G2 GENETICS 5F-198™	98	P500	1,2,4,6	19.1	227.2	53.4	0.3	97	21.7	228.9 *	52.5	0.0	93	16.2	245.7	55.7	0.0	99	19.4	207.1	52.0	0.9	98
NuTech/G2 GENETICS 5F-701™	101	P500	1,2,4,6	20.8	232.5	56.6	0.0	95	22.5	232.3 *	56.0	0.0	93	17.7	250.6	57.6	0.0	93	22.3	214.7	56.2	0.0	97
NuTech/G2 GENETICS 5Z-0107™	101	P500	1,2,4,6	21.7	231.4	55.5	0.0	99	24.5	228.5 *	53.8	0.0	98	17.7	257.5 *	57.8	0.0	99	22.8	208.3	55.0	0.0	100
PARTNERS BRAND PB6255 VT2P	92	C250	1,2	18.8	213.4	57.3	0.0	98	20.5	203.2	56.3	0.0	100	15.0	227.7	59.3	0.0	96	21.0	209.3	56.4	0.0	99
RENK RK596SSTX	98	P500	1,2,3,4,6	19.3	222.6	56.5	0.0	97	21.9	219.4	54.8	0.0	95	15.3	237.0	58.6	0.0	99	20.7	211.5	56.1	0.0	98

RENK RK612SSTX	100	P500	1,2,3,4,6	21.2	232.3	55.5	0.0	99	23.1	234.8 *	54.1	0.0	100	16.7	235.1	58.1	0.0	97	23.8	226.9	54.1	0.0	100
RENK RK629VT3P	101	P250	1,2,3	20.7	228.2	57.5	0.0	95	22.4	233.0 *	56.9	0.0	96	15.9	232.3	59.7	0.0	98	23.8	219.3	55.9	0.0	92
RENK RK680SSTX	101	P500	1,2,3,4,6	22.2	229.6	56.0	0.0	96	24.2	229.8 *	55.2	0.0	91	17.3	242.6	59.0	0.0	100	25.0	216.6	53.7	0.0	96
RUPP XRD94-26	94	A250	1,2	19.4	224.6	57.6	0.0	99	21.3	229.1 *	56.6	0.0	99	15.5	230.5	59.6	0.0	98	21.3	214.2	56.6	0.0	100
RUPP XRD97-56	97	C250	1,2	18.2	223.5	56.7	0.1	97	21.0	224.2	55.2	0.0	100	13.8	227.4	59.1	0.0	90	19.7	219.0	55.8	0.3	100
RUPP XRD99-30	99	P250	1,2	19.9	223.9	56.4	0.1	98	23.0	223.7	54.9	0.0	95	16.1	235.6	58.4	0.0	100	20.7	212.6	55.9	0.3	100
RUPP XRT94-06	94	P250	1,2,3	18.5	227.7	57.8	0.0	100	19.9	225.2	56.7	0.0	100	14.8	233.0	59.4	0.0	99	20.9	224.8	57.4	0.0	100
SEED CONSULTANTS SCS 924AM	92	C250	1,2,3,4	18.5	214.1	55.9	0.0	99	19.7	209.7	54.4	0.0	97	15.7	218.3	57.1	0.0	99	20.0	214.2	56.1	0.0	100
SEED CONSULTANTS SCS 965AM	96	P500	1,2,4	19.7	230.2	53.6	0.0	89	21.2	220.3	52.1	0.0	82	16.6	248.0	55.5	0.0	97	21.3	222.4	53.4	0.0	87
SPECIALTY 24A104	94	P500	1,2,3,4,6	18.8	235.3	56.8	0.0	99	19.8	220.6	55.9	0.0	99	15.9	255.1 *	58.5	0.0	99	20.8	230.2 *	56.0	0.0	100
SPECIALTY 28A325	98	P500	1,2,3,4,6	21.6	222.7	56.7	0.0	96	23.5	206.5	55.8	0.0	92	18.2	240.1	58.6	0.0	98	23.2	221.6	55.9	0.0	98
SPECIALTY 29A263	99	P500	1,2,3,4,6	20.2	238.9	55.9	0.0	99	22.6	223.5	55.2	0.0	97	16.6	259.3 *	57.7	0.0	100	21.5	234.0 *	54.7	0.0	100
AVERAGE				20.0	228.8	56.2	0.0	97	22.0	223.2	55.2	0.0	96	16.3	242.6	58.2	0.0	98	21.7	220.7	55.3	0.1	98
HIGHEST				22.2	247.6	57.8	0.5	100	24.9	240.8	57.0	0.0	100	18.4	265.0	59.7	0.9	100	25.0	241.1	57.4	1.4	100
LOWEST				16.9	213.4	53.4	0.0	88	18.3	203.2	52.1	0.0	80	13.5	218.3	55.5	0.0	90	18.7	198.0	52.0	0.0	87
CV (%)				4.6	5.0	1.4	1013.0	4.0	4.9	5.5	1.7	0.0	6.0	4.4	4.7	1.1	1510.0	4.0	4.3	4.6	1.5	585.0	2.0
LSD (5%)				0.6	7.6	0.5	0.1	3.0	1.3	14.2	1.1	0.0	7.0	0.8	13.3	0.7	0.3	4.0	1.1	11.8	0.9	0.4	3.0

2 Year Averages 2015 - 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
BECK XL 4721AM™*	97	ESC	1,2,4	20.6	218.6	53.1	0.0	98	20.1	215.9	52.3	0.0	99	18.4	241.7	55.1	0.0	97	23.3	198.2	51.9	0.0	99
CHANNEL 197-68STXRIB	97	P500	1,2,3,4,6	23.2	225.5 **	54.3	0.0	99	23.8	226.1 **	54.1	0.0	98	19.6	248.4 *	56.7	0.0	99	26.1	202.0 *	52.0	0.0	100
CROPLAN 3611SS/RIB	96	P500	1,2,3,4,6	21.1	220.9 *	55.4	0.6	98	21.5	211.0	54.9	0.0	97	17.4	243.3 *	57.8	1.9	99	24.3	208.5 **	53.5	0.0	99
DEKALB DKC46-36 GENSSRIB	96	P500	1,2,3,4,6	21.9	216.9	55.3	0.1	99	22.0	218.8 *	55.6	0.0	100	18.3	236.5	56.6	0.4	100	25.5	195.4	53.5	0.0	99
DEKALB DKC49-72 GENSSRIB	99	P500	1,2,3,4,6	21.8	222.2 *	53.5	0.0	98	22.0	224.9 *	52.6	0.0	95	18.1	242.4	55.9	0.0	99	25.3	199.3	52.1	0.0	100
DYNAGRO D37SS60	97	P500	1,2,3,4,6	21.2	222.5 *	55.6	0.7	100	21.3	225.5 *	55.5	0.0	100	17.4	244.6 *	57.9	1.4	99	24.9	197.5	53.5	0.7	100
DYNAGRO D39VP14	99	P500	1,2,3	22.4	218.4	55.3	0.2	99	22.5	220.5 *	55.1	0.0	99	18.9	244.1 *	57.2	0.7	100	25.7	190.4	53.4	0.0	99
DYNAGRO D40SS48	100	P500	1,2,3,4,6	24.1	219.0	55.4	0.2	99	25.5	217.6 *	54.8	0.0	100	20.6	237.4	57.5	0.6	98	26.3	202.2 *	53.9	0.0	98
GOLDEN HARVEST G01P52-3011A	101	C500	1,2,3,4,A	22.4	218.2	55.8	0.4	98	23.3	221.8 *	55.3	0.0	95	18.8	241.5	58.0	1.3	99	25.1	191.3	54.0	0.0	99
GREAT LAKES 4879STXRIB	98	P500	1,2,3,6	22.9	220.7 *	53.5	0.0	99	23.2	224.6 *	53.5	0.0	99	20.0	236.8	55.7	0.0	99	25.5	200.7 *	51.3	0.0	99
LEGEND 40J501 RR	101	C250	1	22.2	217.1	54.8	0.1	97	22.7	211.6	55.1	0.0	95	19.1	239.2	56.7	0.3	98	24.7	200.4 *	52.6	0.0	99
LEGEND 94A01 GTA	100	C250	1	22.2	213.5	55.2	3.7	97	22.5	211.4	55.2	0.0	96	18.8	226.1	56.6	10.8	95	25.2	202.9 *	53.8	0.3	100
M&W SEEDS 45A38	101	P250	1,2,3,4,6	21.8	224.7 *	54.8	0.1	96	21.7	222.9 *	54.3	0.0	91	18.4	251.9 **	57.4	0.3	98	25.2	199.4	52.7	0.0	97
M&W SEEDS 46J11	96	P250	1,2	20.9	210.3	55.7	0.6	98	21.2	213.9	55.3	0.0	98	17.8	223.7	58.1	1.8	98	23.7	193.2	53.7	0.0	99
NK Brand N45P-3011A	101	C500	1,2,3,4,A	21.9	216.1	55.6	0.2	97	22.4	221.1 *	55.6	0.0	96	18.8	236.3	57.3	0.7	95	24.5	190.9	54.0	0.0	99
NuTech/G2 GENETICS 5F-198™	98	P500	1,2,4,6	20.8	211.3	52.1	0.1	98	21.0	223.5 *	52.1	0.0	97	17.5	228.4	54.3	0.0	99	23.8	182.1	49.8	0.4	99
RENK RK596SSTX	98	P500	1,2,3,4,6	21.5	214.8	54.9	0.0	99	22.1	216.8	54.2	0.0	97	17.7	233.3	57.2	0.0	99	24.6	194.4	53.2	0.0	99
RUPP XRD97-56	97	C250	1,2	20.7	207.2	54.9	0.1	98	21.4	207.3	54.1	0.0	100	16.9	223.2	57.2	0.1	94	23.7	191.3	53.4	0.1	100
RUPP XRD99-30	99	P250	1,2	21.9	213.4	54.5	0.1	99	22.8	214.7	53.9	0.0	98	18.3	233.5	56.9	0.1	99	24.6	192.1	52.8	0.1	100
RUPP XRT94-06	94	P250	1,2,3	21.2	211.5	55.6	0.0	100	21.2	211.9	55.4	0.0	100	17.9	229.8	57.9	0.0	100	24.7	192.7	53.6	0.0	100
SPECIALTY 24A104	94	P500	1,2,3,4,6	21.2	219.3	54.7	0.0	99	21.0	215.3	54.5	0.0	100	18.1	245.1 *	57.0	0.0	99	24.5	197.6	52.7	0.0	99
SPECIALTY 29A263	99	P500	1,2,3,4,6	22.3	219.6	54.3	0.1	99	22.6	213.9	53.2	0.0	98	18.9	247.5 *	56.4	0.3	100	25.3	197.3	53.2	0.0	100
AVERAGE				21.8	217.4	54.7	0.3	98	22.2	217.8	54.4	0.0	98	18.4	237.9	56.9	0.9	98	24.8	196.3	52.9	0.1	99
HIGHEST				24.1	225.5	55.8	3.7	100	25.5	226.1	55.6	0.0	100	20.6	251.9	58.1	10.8	100	26.3	208.5	54.0	0.7	100
LOWEST				20.6	207.2	52.1	0.0	96	20.1	207.3	52.1	0.0	91	16.9	223.2	54.3	0.0	94	23.3	182.1	49.8	0.0	97
CV (%)				4.7	4.9	1.9	913.1	3.0	5.2	5.0	2.4	0.0	5.0	5.3	4.6	1.2	552.3	3.0	3.7	4.9	2.0	1285.0	2.0
LSD (5%)				0.5	5.2	0.5	0.8	2.0	1.0	9.1	1.1	0.0	4.0	0.8	9.1	0.6	2.4	3.0	0.7	8.4	0.9	0.5	2.0

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

2015				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	22.8	243.0	55.0	0.0	99	23.6	251.9 *	53.3	0.0	98	19.3	254.9 *	56.9	0.0	99	25.6	222.2	54.8	0.0	100
AGRIGOLD A6300STXRIB	103	P500	1,2,3,4,6	21.7	230.9	56.2	0.0	100	23.0	236.5	54.8	0.0	100	18.2	239.6	57.9	0.0	99	24.0	216.6	55.9	0.0	99
AGRIGOLD A6355STX	105	P500	1,2,3,6	24.9	222.7	54.2	2.3	99	27.0	242.9	53.0	0.0	99	21.1	241.6	56.5	0.0	97	26.7	183.7	53.1	7.0	100
BECK XL 5140HR™*	105	ESC	1,2,4	24.2	253.3 **	55.4	0.0	99	25.9	260.3 **	54.4	0.0	100	19.7	265.8 **	58.1	0.0	100	27.0	233.9 *	53.9	0.0	97
BECK XL 5234AMX™*	102	ESC	1,2,3,4	20.8	233.7	56.4	0.0	99	21.9	246.3 *	55.2	0.0	100	17.4	247.4	58.2	0.0	99	23.2	207.4	55.8	0.0	99
BECK XL 5460AM™*	104	ESC	1,2,4	23.4	240.6	55.3	0.0	99	25.9	233.3	54.0	0.0	98	18.9	254.2 *	56.9	0.0	99	25.3	234.2 *	55.0	0.0	99
CHANNEL 202-52STXRIB	102	A500	1,2,3,4,6	22.1	232.6	54.8	0.0	99	23.3	239.1	53.8	0.0	99	19.0	248.7	56.7	0.0	98	24.0	209.9	53.8	0.0	100
CROPLAN 5369SS/RIB	103	P500	1,2,3,4,6	23.9	223.0	54.8	0.0	97	26.1	235.1	53.7	0.0	98	20.2	229.8	56.5	0.0	94	25.3	204.1	54.3	0.0	97
DAIRYLAND SEED DS-9203	103	C500	1,2,3,4,6	24.8	227.8	53.4	0.0	99	25.9	232.0	52.7	0.0	99	20.7	236.9	56.0	0.0	97	27.8	214.6	51.5	0.0	100
DAIRYLAND SEED DS-9805	105	C500	1,2,3,4,6	24.9	212.9	52.7	0.8	99	27.5	219.1	51.7	0.0	100	21.4	236.6	54.9	0.6	98	25.9	183.1	51.6	1.7	100
DAIRYLAND SEED DS-9905	105	C500	1,2,3,4,6	28.1	211.0	52.2	0.0	96	31.5	222.8	50.9	0.0	90	23.0	221.4	55.8	0.0	97	29.9	188.7	50.0	0.0	100
DEKALB DKC52-84 GENSSRIB	102	P500	1,2,3,4,6	19.6	242.9	54.8	0.0	99	19.9	250.1 *	53.9	0.0	98	15.9	246.9	56.4	0.0	100	23.1	231.6 *	54.0	0.0	99
DEKALB DKC53-68 GENSSRIB	103	P500	1,2,3,4,6	23.3	231.2	55.7	0.3	96	25.7	228.8	54.8	0.0	95	18.8	234.8	58.4	0.9	94	25.5	229.9 *	54.0	0.0	97
DEKALB DKC54-38 GENSSRIB	104	P500	1,2,3,4,6	23.5	239.4	56.5	0.4	100	25.2	235.7	54.9	0.0	100	20.1	250.9	58.2	0.0	100	25.2	231.7 *	56.3	1.1	100
DEKALB DKC55-20 GENSSRIB	105	P500	1,2,3,4,6	23.5	240.9	54.1	0.0	99	25.5	248.4 *	53.4	0.0	99	21.0	254.5 *	56.4	0.0	99	24.1	219.9	52.5	0.0	98
DYNAGRO CX15104	104	P500	1,2	24.1	238.4	55.2	0.0	99	26.7	241.4	54.2	0.0	100	20.4	254.0 *	57.4	0.0	96	25.2	219.8	54.1	0.0	100
DYNAGRO D43SS50	103	P500	1,2,3,4,6	24.6	228.9	56.5	0.0	94	26.9	239.5	55.0	0.0	89	20.3	227.4	58.5	0.0	99	26.8	219.7	56.0	0.0	95
DYNAGRO D48SS38	108	P500	1,2,3,4,6	27.1	217.6	55.1	0.6	92	29.4	224.1	54.4	0.0	100	23.6	236.4	56.7	1.0	97	28.4	192.4	54.2	0.9	80
GOLDEN HARVEST G05T82-3122	105	C500	1,2,3,4,6	23.9	213.8	55.0	9.8	97	25.4	211.9	54.4	0.0	95	20.5	227.9	57.3	0.0	97	25.8	201.6	53.3	29.5	100
GOLDEN HARVEST G06N80-3111	106	C500	1,2,3,4,6	26.9	215.9	52.8	0.2	99	30.8	223.1	51.4	0.0	100	21.1	224.0	55.0	0.0	96	28.9	200.5	51.9	0.6	99
GOLDEN HARVEST G07F23-3111	107	C500	1,2,3,4,6	26.6	223.7	54.1	0.0	96	30.1	241.0	52.5	0.0	96	24.4	217.3	56.1	0.0	95	25.4	212.7	53.6	0.0	98
GREAT LAKES 5283STXRIB	102	P500	1,2,3,6	23.1	242.0	54.8	0.5	98	24.6	237.5	52.8	0.0	99	19.2	256.2 *	57.3	0.0	98	25.4	232.4 *	54.1	1.6	98
GREAT LAKES 5470STXRIB	104	P500	1,2,3,6	23.9	239.7	56.1	0.2	96	25.5	243.9	55.2	0.0	99	21.0	255.7 *	57.5	0.0	100	25.3	219.7	55.6	0.6	88
GREAT LAKES 5566STX	105	P500	1,2,3,6	25.4	227.5	56.7	0.5	97	27.3	239.4	55.1	0.0	100	21.3	240.8	58.4	0.0	90	27.6	202.5	56.6	1.4	100
GREAT LAKES 5755STXRIB	107	P500	1,2,3,6	25.7	231.6	54.0	0.8	99	27.0	239.3	52.0	0.0	100	22.1	238.5	56.4	0.9	97	28.1	217.1	53.6	1.7	100
LEGACY SEEDS L-4714 GENSS	103	P500	1,2,3,4,6	23.2	229.1	55.1	0.0	99	25.9	226.4	53.8	0.0	98	19.6	240.8	57.1	0.0	98	24.2	220.0	54.5	0.0	100
LEGEND 9503 SSRIB	103	C250	1,2,3,6	22.0	224.9	55.5	0.5	96	23.1	227.1	54.9	0.0	90	18.6	237.0	57.6	0.0	99	24.3	210.7	53.8	1.4	100
M&W SEEDS 45M45	103	P250	1,2,3,4,6	23.2	227.0	55.5	0.0	97	24.5	227.2	55.3	0.0	93	19.8	236.6	57.0	0.0	100	25.5	217.4	54.2	0.0	98
M&W SEEDS 45M80	103	P250	1,2,3,4,6	22.9	223.7	55.5	0.0	95	25.0	218.6	54.9	0.0	92	19.3	242.6	56.9	0.0	100	24.4	210.0	54.8	0.0	94
MYCOGEN X13526VH	103	C500	1,2,3,4,6	23.2	234.3	54.2	0.0	100	26.1	243.5	51.7	0.0	100	18.5	242.8	57.1	0.0	97	24.9	216.8	53.8	0.0	103
NK Brand N53W-3122	105	C500	1,2,3,4,6	24.0	219.8	55.0	0.9	98	25.7	228.9	54.1	0.0	99	21.1	218.2	57.3	0.0	98	25.3	212.2	53.5	2.8	98
NK Brand N58S-3111	106	C500	1,2,3,4,6	25.8	221.4	53.0	0.0	100	28.9	234.5	51.7	0.0	99	20.7	226.2	55.3	0.0	99	27.8	203.4	52.1	0.0	100
NK Brand N60F-3111	107	C500	1,2,3,4,6	26.6	217.4	53.9	0.8	99	28.5	225.0	52.4	0.0	98	22.9	220.9	55.9	0.9	99	28.3	206.3	53.4	1.4	99
NuTech 5N-607™	107	P500	1,2,3,4	27.9	218.3	52.9	0.5	100	32.2	221.1	51.7	0.0	98	22.7	224.3	54.5	0.0	99	28.8	209.5	52.4	1.4	103
NuTech/G2 GENETICS 5H-502™	102	P500	1,2,4,6	21.7	233.2	56.2	0.0	99	21.6	226.8	55.3	0.0	99	18.8	256.2 *	58.3	0.0	99	24.7	216.7	55.0	0.0	100
NuTech/G2 GENETICS 5H-806™	106	P500	1,2,4,6	23.9	247.4 *	55.5	0.0	99	24.7	258.6 *	54.5	0.0	100	19.6	259.1 *	58.4	0.0	96	27.3	224.7 *	53.6	0.0	100
NuTech/G2 GENETICS 5K-0208™	102	P500	1,2,3,4,6	24.0	233.5	53.4	0.8	99	25.3	240.3	52.3	0.0	98	21.0	246.4	55.7	1.7	98	25.8	213.7	52.3	0.9	100
NuTech/G2 GENETICS 5X-905™	105	P500	1,2,3,4,6	23.6	228.9	53.3	0.0	100	26.0	236.9	51.8	0.0	100	18.1	239.3	54.8	0.0	99	26.6	210.5	53.2	0.0	100
NuTech/G2 GENETICS 5Z-0305™	103	P500	1,2,4,6	22.6	247.5 *	55.6	0.0	98	24.7	244.4	53.6	0.0	97	20.0	258.6 *	57.5	0.0	100	23.2	239.4 **	55.8	0.0	97
NuTech/G2 GENETICS 5Z-308™	108	P500	1,2,4,6	25.8	235.9	55.5	0.2	100	28.9	251.4 *	54.4	0.0	100	20.9	253.8 *	57.7	0.0	100	27.6	202.7	54.5	0.6	100
NuTech/G2 GENETICS 5Z-504™	104	P500	1,2,4,6	23.5	237.3	55.1	1.4	100	25.3	243.0	53.7	0.0	100	20.5	246.4	57.3	0.9	100	24.8	222.6	54.4	3.4	99
NuTech/G2 GENETICS 5Z-906™	106	P500	1,2,4,6	25.8	227.9	54.4	0.4	99	27.8	231.6	54.2	0.0	99	22.1	235.5	55.5	0.0	98	27.7	216.7	53.6	1.1	100
RENK RK666SSTX	102	P500	1,2,3,4,6	21.4	220.9	55.4	0.3	92	21.2	228.8	54.5	0.0	83	17.7	223.9	57.2	0.0	95	25.4	210.2	54.5	0.9	97
RENK RK699SSTX	105	P500	1,2,3,4,6	26.0	198.3	54.6	10.6	85	27.7	184.9	53.8	0.0	63	23.0	203.4	55.7	2.0	100	27.5	206.7	54.4	29.8	90
RENK RK712SSTX	106	P500	1,2,3,4,6	24.9	210.7	55.7	0.9	97	25.5	218.3	54.5	0.0	94	20.4	236.8	57.9	1.2	99	28.9	177.0	54.8	1.4	99

RUPP XRD03-71	103	A250	1,2	21.8	242.8	54.9	0.0	100	23.8	247.9 *	53.9	0.0	98	17.9	248.6	56.8	0.0	100	23.8	232.0 *	54.1	0.0	102
SEED CONSULTANTS SCS 1034AM	103	P500	1,2,4	23.2	225.9	54.3	0.2	99	24.1	235.9	53.6	0.0	98	19.4	236.5	56.4	0.0	99	25.9	205.3	52.9	0.6	100
SEED CONSULTANTS SCS 10HR4	104	P1250	1,2,4	24.1	249.5 *	55.2	0.0	98	24.6	251.9 *	54.4	0.0	96	20.5	263.7 *	57.7	0.0	99	27.3	232.8 *	53.5	0.0	99
SPECIALTY 32A323	102	P500	1,2,3,4,6	22.4	238.5	54.9	0.3	99	23.8	248.4 *	53.9	0.0	100	18.8	253.1 *	57.2	0.0	97	24.5	213.9	53.7	0.9	100
SPECIALTY 34A413	104	P500	1,2,3,4,6	24.0	237.1	55.3	0.0	98	26.5	232.0	54.5	0.0	97	20.9	245.3	57.4	0.0	97	24.6	233.9 *	54.1	0.0	100
SPECIALTY 35A655	105	P500	1,2,3,4,6	26.2	228.3	56.0	0.1	98	30.4	225.5	56.2	0.0	99	20.5	249.4	57.2	0.0	98	27.7	210.0	54.6	0.3	97
AVERAGE				24.0	229.9	54.9	0.7	98	25.9	234.9	53.7	0.0	97	20.2	240.9	56.9	0.2	98	26.0	213.8	53.9	1.8	98
HIGHEST				28.1	253.3	56.7	10.6	100	32.2	260.3	56.2	0.0	100	24.4	265.8	58.5	2.0	100	29.9	239.4	56.6	29.8	103
LOWEST				19.6	198.3	52.2	0.0	85	19.9	184.9	50.9	0.0	63	15.9	203.4	54.5	0.0	90	23.1	177.0	50.0	0.0	80
CV (%)				5.3	5.7	1.9	0.7	6.0	5.6	5.4	2.4	0.0	6.0	5.2	5.1	1.4	490.3	4.0	5.0	6.4	1.7	630.2	6.0
LSD (5%)				0.9	8.8	0.7	10.6	4.0	1.7	15.0	1.5	0.0	7.0	1.2	14.5	0.9	1.1	5.0	1.5	15.9	1.0	13.4	7.0

2 Year Averages 2015 - 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	25.1	230.1 *	53.4	0.1	99	25.1	240.1	52.9	0.0	99	22.4	245.5 *	54.5	0.3	98	27.8	204.7 *	52.7	0.0	100
BECK XL 5140HR™*	105	ESC	1,2,4	25.7	234.7 **	54.1	5.9	99	26.0	249.7 **	53.5	0.0	100	22.0	247.6 *	56.1	17.6	100	29.0	206.7 **	52.8	0.0	99
BECK XL 5234AMX™*	102	ESC	1,2,3,4	22.5	218.8	55.3	0.2	99	21.8	227.7	55.0	0.0	99	19.1	231.4	56.8	0.6	98	26.6	197.4 *	54.2	0.0	99
CROPLAN 5369SS/RIB	103	P500	1,2,3,4,6	25.4	211.4	54.1	0.2	98	26.2	221.2	53.3	0.0	99	22.2	224.0	55.4	0.7	97	27.9	188.9	53.5	0.0	99
DEKALB DKC52-84 GENSSRIB	102	P500	1,2,3,4,6	22.2	226.4	53.1	0.0	100	21.4	230.4	52.1	0.0	99	18.8	243.2 *	54.8	0.0	100	26.4	205.5 *	52.4	0.0	100
DEKALB DKC54-38 GENSSRIB	104	P500	1,2,3,4,6	25.9	222.9	54.8	0.2	100	26.7	222.5	54.0	0.0	99	23.0	240.8 *	55.9	0.1	100	28.0	205.3 *	54.5	0.6	100
DYNAGRO D48SS38	108	P500	1,2,3,4,6	27.9	212.6	53.9	0.3	96	29.2	218.4	53.5	0.0	100	24.7	228.7	55.2	0.5	98	29.8	190.7	53.0	0.5	90
GREAT LAKES 5283STXRIB	102	P500	1,2,3,6	25.1	222.5	53.3	0.4	98	25.5	231.5	52.5	0.0	99	22.2	239.7 *	55.3	0.3	97	27.7	196.2	52.1	0.8	99
GREAT LAKES 5566STX	105	P500	1,2,3,6	26.3	209.2	54.8	0.6	98	27.4	220.2	53.7	0.0	100	22.8	230.8	56.5	1.1	95	28.8	176.6	54.3	0.7	100
GREAT LAKES 5755STXRIB	107	P500	1,2,3,6	26.6	221.1	53.3	0.7	99	26.7	231.4	52.3	0.0	100	24.0	230.7	54.9	1.1	98	29.0	201.3 *	52.7	0.8	99
M&W SEEDS 45M80	103	P250	1,2,3,4,6	24.3	210.2	53.5	0.0	97	24.2	212.9	53.8	0.0	96	21.4	231.6	54.6	0.0	99	27.3	186.0	52.1	0.0	97
NK Brand N53W-3122	105	C500	1,2,3,4,6	25.8	213.0	53.6	0.8	98	26.7	220.8	53.0	0.0	98	22.9	225.4	55.6	0.9	97	27.6	192.9	52.3	1.4	98
NK Brand N60F-3111	107	C500	1,2,3,4,6	28.1	208.5	52.7	0.4	99	28.9	214.8	51.5	0.0	99	26.1	219.0	54.0	0.4	99	29.4	191.6	52.7	0.7	99
NuTech/G2 GENETICS 5H-502™	102	P500	1,2,4,6	23.7	220.5	54.6	0.0	99	22.6	226.1	54.2	0.0	99	20.9	246.4 *	56.5	0.0	99	27.7	189.2	53.1	0.0	99
NuTech/G2 GENETICS 5H-806™	106	P500	1,2,4,6	25.0	234.0 *	54.4	0.0	98	24.4	249.6 *	53.7	0.0	99	21.6	248.7 **	56.5	0.0	97	29.0	203.7 *	53.0	0.0	98
RENK RK666SSTX	102	P500	1,2,3,4,6	23.5	208.8	53.9	0.1	96	21.9	217.5	53.1	0.0	92	20.7	217.4	55.3	0.0	98	27.9	191.5	53.4	0.4	99
RENK RK699SSTX	105	P500	1,2,3,4,6	26.9	200.8	53.0	5.4	92	27.6	200.5	52.1	0.0	82	24.6	212.3	54.5	1.3	99	28.6	189.6	52.6	14.9	95
RENK RK712SSTX	106	P500	1,2,3,4,6	26.4	205.7	54.2	0.4	99	26.8	220.6	53.7	0.0	97	22.8	222.6	55.8	0.6	99	29.6	173.9	53.2	0.7	100
SPECIALTY 32A323	102	P500	1,2,3,4,6	24.0	222.0	53.5	0.2	99	24.0	230.0	53.1	0.0	100	21.2	244.5 *	55.3	0.3	98	26.9	191.4	51.9	0.4	100
SPECIALTY 34A413	104	P500	1,2,3,4,6	25.2	219.9	54.0	0.2	99	26.0	226.3	53.8	0.0	99	22.2	235.4	55.5	0.6	97	27.4	198.0 *	52.9	0.0	100
AVERAGE				25.3	217.6	53.9	0.8	98	25.5	225.6	53.2	0.0	98	22.3	233.3	55.4	1.3	98	28.1	194.1	53.0	1.1	98
HIGHEST				28.1	234.7	55.3	5.9	100	29.2	249.7	55.0	0.0	100	26.1	248.7	56.8	17.6	100	29.8	206.7	54.5	14.9	100
LOWEST				22.2	200.8	52.7	0.0	92	21.4	200.5	51.5	0.0	82	18.8	212.3	54.0	0.0	95	26.4	173.9	51.9	0.0	90
CV (%)				4.7	5.4	2.0		4.0	5.5	5.0	2.7	0.0	5.0	4.9	5.0	1.5	586.0	3.0	3.7	6.1	1.7	622.0	5.0
LSD (5%)				0.6	5.7	0.5		2.0	1.2	9.4	1.2	0.0	4.0	0.9	9.7	0.7	3.9	3.0	0.8	10.1	0.7	6.7	4.0

** 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

2015				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 191-87STXRIB	91	A500	1,2,3,4,6	19.2	216.0	55.9	1.0	94	17.0	208.4	56.8	2.0	100	21.3	223.7	55.0	0.0	88					
CROPLAN 3499VT3PRIB	94	A250	1,2,3,4,6	21.4	227.6	55.5	0.1	96	17.4	221.0	56.7	0.3	100	25.3	234.3 *	54.3	0.0	92					
CROPLAN 3611SS/RIB	96	P500	1,2,3,4,6	21.6	234.2	55.3	0.6	91	18.1	229.4	56.8	1.1	97	25.1	239.1 *	53.9	0.0	84					
CROPLAN 3899VT2P/RIB	96	P250	1,2,3	22.5	243.3 *	54.5	0.3	92	19.2	235.8	55.2	0.6	97	25.8	250.8 **	53.8	0.0	87					
DAIRYLAND SEED DS-9693	93	C500	1,2,3,4,6	23.1	208.8	53.6	1.0	96	19.3	205.1	55.0	2.0	98	27.0	212.6	52.2	0.0	94					
DAIRYLAND SEED DS-9791RA	91	C500	1,2,3,4,6	22.0	219.9	54.7	0.7	96	19.2	226.4	55.6	1.4	100	24.9	213.4	53.7	0.0	93					
DEKALB DKC43-10 GENVT2PRIB	93	P500	1,2	19.2	235.0 *	56.4	0.1	96	16.4	232.0	57.2	0.3	100	22.1	238.0 *	55.7	0.0	91					
DEKALB DKC44-13 GENSSRIB	94	P500	1,2,3,4,6	21.3	238.2 *	55.9	0.0	96	17.4	234.4	56.9	0.0	97	25.2	242.0 *	55.0	0.0	94					
DEKALB DKC46-36 GENSSRIB	96	P500	1,2,3,4,6	21.9	228.5	55.3	0.0	94	19.0	228.3	55.8	0.0	100	24.9	228.6	54.7	0.0	87					
DEKALB DKC46-79 GENSSRIB	96	P500	1,2,3,4,6	22.6	229.2	55.5	1.1	96	18.7	221.7	56.9	2.3	100	26.5	236.8 *	54.2	0.0	93					
DYNAGRO D31SS31	91	A500	1,2,3,4,6	20.3	220.2	55.9	0.1	96	17.0	234.7	57.1	0.3	99	23.5	205.7	54.8	0.0	92					
DYNAGRO D37SS60	97	P500	1,2,3,4,6	21.8	229.0	55.5	0.0	97	18.2	219.8	56.6	0.0	100	25.3	238.2 *	54.4	0.0	94					
DYNAGRO D37VC60	95	A500	1,2	20.2	216.3	56.0	2.5	96	16.6	217.7	57.1	5.1	100	23.9	214.9	54.9	0.0	92					
GOLDEN HARVEST G94B95-3110	94	C500	1,2,4,6	20.1	219.1	58.9	0.1	94	18.0	218.0	58.8	0.3	100	22.3	220.2	59.1	0.0	88					
GOLDEN HARVEST G95D32-3110	95	C500	1,2,4,6	20.9	233.4	56.7	0.9	99	18.8	233.7	57.4	1.7	99	22.9	233.0 *	55.9	0.0	99					
GOLDEN HARVEST G97X48-3111	97	C500	1,2,3,4,6	23.7	215.4	53.6	0.0	93	20.2	214.9	54.6	0.0	100	27.2	215.8	52.6	0.0	87					
GREAT LAKES 4250VT2RIB	92	P500	1,2	18.8	235.2 *	55.8	1.8	95	16.6	227.8	56.8	3.7	100	21.0	242.5 *	54.7	0.0	90					
GREAT LAKES 4452STX	94	P500	1,2,3,6	20.9	227.0	54.6	0.2	88	18.1	228.8	55.4	0.3	98	23.7	225.1	53.9	0.0	78					
GREAT LAKES 4548STXRIB	95	P500	1,2,3,6	21.7	217.2	55.0	0.3	94	18.3	207.5	56.5	0.6	100	25.2	226.8	53.6	0.0	88					
LEGACY SEEDS L-3115 VT2PRO	91	P250	1,2	20.3	231.2	55.1	0.0	94	17.4	245.1 *	56.0	0.0	100	23.2	217.4	54.3	0.0	87					
LEGACY SEEDS L-3423 GENSS RIB	94	P500	1,2,3,4,6	21.2	228.7	54.6	0.0	92	18.2	221.7	55.2	0.0	100	24.1	235.6 *	54.0	0.0	85					
LEGACY SEEDS L-3845 GENSS	97	P500	1,2,3,4,6	21.0	221.4	54.5	0.0	93	17.7	213.4	55.6	0.0	98	24.4	229.4	53.4	0.0	88					
LEGEND 9492 VT2 Pro RIB	92	C250	1,2	21.0	222.1	55.0	0.3	96	17.8	216.7	55.6	0.6	94	24.2	227.6	54.4	0.0	99					
LEGEND 9495 VT3 Pro RIB	95	C250	1,2,3	21.6	217.1	55.7	0.0	89	17.8	232.3	57.1	0.0	97	25.3	201.9	54.4	0.0	81					
LEGEND JSC 40J592VT2PRIB	92	C250	1,2	19.1	225.8	55.3	0.7	93	16.5	222.1	56.3	1.5	96	21.6	229.6	54.4	0.0	90					
LEGEND JSC 40J595RR	95	C250	1	20.4	220.1	58.1	1.0	82	17.6	228.3	58.8	2.1	96	23.3	212.0	57.5	0.0	67					
M&W SEEDS 46J11	96	P250	1,2	21.4	228.4	55.2	0.1	89	18.5	222.5	55.9	0.3	100	24.4	234.2 *	54.6	0.0	77					
M&W SEEDS 47J66	94	P250	1,2	20.6	230.4	56.7	1.0	94	17.8	223.0	55.8	2.0	100	23.4	237.8 *	57.7	0.0	87					
NK Brand N27P-3110A	90	C500	1,2,4,A	20.2	225.7	57.7	0.0	90	17.9	217.4	58.3	0.0	99	22.5	234.0 *	57.1	0.0	82					
NK Brand N33W-3110	94	C500	1,2,4,6	20.0	219.6	58.2	0.1	95	17.5	211.2	58.1	0.3	100	22.5	227.9	58.4	0.0	91					
NK Brand N35T-3110	95	C500	1,2,4,6	20.7	231.0	56.5	0.8	93	18.6	249.3 *	57.2	1.7	100	22.9	212.6	55.9	0.0	85					
NK Brand N37R-3111	97	C500	1,2,3,4,6	24.3	224.5	54.0	0.0	99	20.4	222.8	54.7	0.0	99	28.2	226.3	53.3	0.0	98					
NuTech/G2 GENETICS 5F-196™	96	P500	1,2,4,6	22.6	247.5 **	53.9	0.0	91	19.4	253.1 **	54.2	0.0	97	25.8	242.0 *	53.5	0.0	84					
NuTech/G2 GENETICS 5X-894™	94	P500	1,2,3,4,6	20.0	224.2	55.5	0.0	95	17.4	223.6	55.8	0.0	97	22.6	224.8	55.2	0.0	93					
RENK RK299VT2P	89	P250	1,2	19.2	226.3	56.4	0.0	94	16.7	229.5	56.8	0.0	99	21.7	223.2	56.1	0.0	89					
RENK RK415VT2P	92	P250	1,2	18.6	215.4	56.3	0.0	92	16.4	210.7	56.6	0.0	100	20.8	220.1	56.0	0.0	85					
RENK RK522SSTX	94	P500	1,2,3,4,6	21.0	221.3	54.6	0.3	92	18.1	223.4	55.4	0.6	100	23.9	219.1	53.8	0.0	85					
RENK RK544SSTX	95	P500	1,2,3,4,6	21.6	233.5	55.9	0.7	96	18.8	224.7	56.3	1.4	99	24.4	242.4 *	55.5	0.0	93					
RENK RK568VT3P	95	P250	1,2,3	20.9	222.0	55.7	0.1	92	17.9	228.6	56.7	0.3	100	23.9	215.4	54.6	0.0	85					
RUPP XRD92-74	92	A250	1,2	18.9	228.9	56.4	0.1	97	16.4	234.0	57.4	0.3	99	21.4	223.7	55.5	0.0	95					
RUPP XRD94-26	94	A250	1,2	21.8	224.5	55.8	0.0	83	18.1	232.3	56.6	0.0	100	25.6	216.7	55.0	0.0	66					
RUPP XRD97-56	97	C250	1,2	20.7	212.9	55.0	0.3	96	16.6	202.7	55.7	0.6	99	24.8	223.1	54.2	0.0	94					
RUPP XRT94-06	94	P250	1,2,3	21.8	231.0	55.7	0.9	95	18.1	230.1	57.2	1.7	100	25.4	232.0 *	54.3	0.0	90					

AVERAGE	21.0	225.7	55.6	0.4	94	17.9	224.7	56.4	0.8	99	24.0	226.7	54.9	0.0	88	
HIGHEST	24.3	247.5	58.9	2.5	99	20.4	253.1	58.8	5.1	100	28.2	250.8	59.1	0.0	99	
LOWEST	18.6	208.8	53.6	0.0	82	16.4	202.7	54.2	0.0	94	20.8	201.9	52.2	0.0	66	
CV (%)	4.0	6.8	2.0	235.4	8.0	3.6	5.7	1.0	166.5	2.0	4.2	7.8	2.6	0.0	12.0	
LSD (5%)	0.7	12.6	0.9	0.8	6.0	0.8	15.0	0.7	1.6	3.0	1.2	20.6	1.7	0.0	13.0	

2 Year Averages 2015 - 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
CROPLAN 3611SS/RIB	96	P250	1,2,3,4,6	24.8	207.6	52.7	0.3	95	21.8	205.4 *	53.5	0.6	99	27.7	209.8	51.8	0.0	91					
DAIRYLAND SEED DS-9791RA	91	C500	1,2,3,4,6	25.9	195.9	52.3	0.4	98	22.5	195.2	53.0	0.7	100	29.2	196.7	51.5	0.0	96					
DEKALB DKC43-10 GENVT2PRIB	93	P500	1,2	23.7	215.9 *	53.1	0.1	98	21.7	204.4 *	53.3	0.1	100	25.6	227.4 **	53.0	0.0	96					
DEKALB DKC44-13 GENSSRIB	94	P500	1,2,3,4,6	25.5	203.6	52.5	0.0	98	22.0	196.5	53.0	0.0	99	29.1	210.7	52.0	0.0	97					
DEKALB DKC46-36 GENSSRIB	96	P500	1,2,3,4,6	25.3	206.6	52.5	0.0	97	22.3	205.5 *	52.5	0.0	100	28.3	207.7	52.6	0.0	93					
DYNAGRO D37SS60	97	P500	1,2,3,4,6	25.0	204.9	52.8	0.0	98	22.1	194.0	53.3	0.0	100	27.9	215.8 *	52.4	0.0	96					
GOLDEN HARVEST G95D32-3110	95	C500	1,2,4,6	24.3	209.9	53.8	0.4	99	22.4	204.1 *	53.5	0.9	99	26.3	215.7 *	54.2	0.0	100					
LEGACY SEEDS L-3423 GENSS RIB	94	P500	1,2,3,4,6	25.4	213.3 *	51.7	0.0	96	22.6	211.8 **	52.4	0.0	99	28.3	214.8 *	51.1	0.0	92					
LEGEND 9495 VT3 Pro RIB	95	C250	1,2,3	25.3	197.0	53.2	0.0	95	21.6	201.4	53.9	0.0	99	29.0	192.7	52.6	0.0	91					
NuTech/G2 GENETICS 5X-894™	94	P500	1,2,3,4,6	23.8	204.5	52.7	0.0	97	21.8	200.7	52.6	0.0	98	25.8	208.4	52.8	0.0	96					
RENK RK299VT2P	89	P250	1,2	23.4	196.8	53.3	0.0	97	21.5	202.9 *	53.3	0.0	100	25.2	190.8	53.3	0.0	94					
RENK RK522SSTX	94	P500	1,2,3,4,6	25.4	200.4	51.8	0.1	96	22.4	200.8	52.5	0.3	99	28.5	200.1	51.1	0.0	92					
RENK RK568VT3P	95	P250	1,2,3	25.7	198.7	52.4	0.1	96	21.7	206.1 *	52.9	0.1	100	29.7	191.2	51.9	0.0	92					
RUPP XRD97-56	97	C250	1,2	24.5	199.4	52.6	0.2	98	21.2	193.6	53.3	0.3	99	27.8	205.2	51.9	0.0	97					
RUPP XRT94-06	94	P250	1,2,3	25.9	198.9	52.5	0.4	97	22.3	194.6	53.1	0.9	100	29.5	203.2	51.9	0.0	95					
AVERAGE				22.7	184.3	47.6	4.2	88	22.0	201.1	53.1	0.3	99	27.9	206.0	52.3	0.0	94					
HIGHEST				26.1	219.6	54.0	80.9	100	22.6	211.8	53.9	0.9	100	29.7	227.4	54.2	0.0	100					
LOWEST				1.1	6.3	1.0	0.0	4	21.2	193.6	52.4	0.0	98	25.2	190.8	51.1	0.0	91					
CV (%)				5.9	6.4	2.3	277.6	6.0	5.1	5.5	2.2	161.8	3.0	6.3	7.2	2.3	0.0	9.0					
LSD (5%)				0.8	8.0	0.7	0.5	3.0	0.9	9.6	1.0	0.8	2.0	1.4	12.9	1.0	0.0	7.0					

** 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

2015				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
DAIRYLAND SEED DS-9198	98	P500	1,2,3,4,6	24.1	199.6	52.5	0.6	97	18.8	213.0	54.3	0.6	100	27.1	195.3	51.9	0.0	92	26.4	190.5	51.2	1.1	100
DAIRYLAND SEED DS-9203	103	C500	1,2,3,4,6	28.8	216.7	52.4	0.0	98	23.3	221.4	53.3	0.0	100	32.4	219.6	52.2	0.0	97	30.7	209.0 *	51.9	0.0	99
DAIRYLAND SEED DS-9599	99	C500	1,2,3,4	25.7	214.1	52.9	0.0	100	21.1	220.7	53.8	0.0	100	28.8	211.8	52.0	0.0	100	27.1	209.9 *	52.8	0.0	100
DAIRYLAND SEED DS-9701	101	P500	1,2,3,4,6	26.3	211.6	53.5	10.3	93	20.9	225.6	54.7	2.0	97	28.8	215.7	53.6	29.0	88	29.3	193.7	52.1	0.0	93
DAIRYLAND SEED DS-9805	105	C500	1,2,3,4,6	29.7	219.4	52.0	0.1	97	22.8	225.8	53.2	0.0	100	36.0	223.6	52.0	0.0	96	30.4	208.8 *	50.8	0.4	94
DAIRYLAND SEED DS-9905	105	C500	1,2,3,4,6	31.2	205.6	50.9	9.9	100	23.1	216.1	51.7	2.0	100	36.5	213.7	50.9	27.8	100	33.9	186.9	50.3	0.0	100
DEKALB DKC48-56 GENSSRIB	98	P500	1,2,3,4,6	23.2	220.0	55.0	0.2	94	19.0	229.8	56.1	0.3	97	26.2	215.6	54.2	0.0	92	24.5	214.6 *	54.9	0.4	93
DEKALB DKC49-72 GENSSRIB	99	P500	1,2,3,4,6	23.1	224.0	53.4	0.0	97	19.2	239.3 *	54.4	0.0	100	25.5	246.9 **	53.0	0.0	94	24.6	185.8	52.9	0.0	97
DEKALB DKC50-82 GENSSRIB	100	P500	1,2,3,4,6	22.8	217.3	54.7	30.4	96	19.5	216.9	55.6	0.0	100	26.2	217.7	53.8	60.8	92	--	--	--	--	--
DEKALB DKC52-84 GENSSRIB	102	P500	1,2,3,4,6	23.7	226.9 *	53.6	0.6	96	19.8	237.3 *	55.1	1.7	99	26.0	238.9 *	52.4	0.0	92	25.3	204.6 *	53.4	0.0	97
DYNAGRO D39VP14	99	P500	1,2,3	23.6	221.7	55.3	0.0	97	19.9	244.3 *	56.4	0.0	100	26.2	219.8	54.8	0.0	92	24.6	201.1 *	54.8	0.0	99
DYNAGRO D39VP69	99	A500	1,2,3	24.0	209.0	54.1	14.3	90	19.1	228.0	55.5	0.0	100	28.0	193.6	53.5	42.8	74	24.8	205.3 *	53.2	0.0	97
DYNAGRO D40SS48	100	P500	1,2,3,4,6	24.5	222.2	54.4	0.8	97	19.5	237.2 *	55.9	1.7	100	28.5	220.4	53.6	0.0	92	25.6	208.9 *	53.8	0.7	98
DYNAGRO D41SS71	101	P500	1,2,3,4,6	25.2	223.9	54.7	0.1	100	20.3	224.4	55.9	0.3	100	29.6	234.6 *	53.4	0.0	99	25.7	212.7 *	54.7	0.0	100
DYNAGRO D43SS50	103	a500	1,2,3,4,6	28.1	222.5	55.3	0.0	97	23.1	230.6	56.4	0.0	98	32.5	218.3	54.7	0.0	96	28.9	218.6 *	54.9	0.0	97
GREAT LAKES 4879STXRIB	98	P500	1,2,3,6	25.1	217.4	53.8	0.6	98	19.9	210.1	54.7	0.0	99	29.1	232.3 *	53.4	0.0	96	26.2	209.9 *	53.4	1.9	99
GREAT LAKES 5283STXRIB	102	P500	1,2,3,6	27.1	227.6 *	53.5	0.0	94	22.4	243.1 *	54.8	0.0	100	30.7	233.6 *	53.2	0.0	84	28.2	206.0 *	52.5	0.0	99
LEGACY SEEDS L-4014 GENSS	98	P500	1,2,3,4,6	23.7	214.2	54.4	0.2	97	17.9	217.9	55.8	0.0	100	27.5	231.3 *	53.4	0.0	94	25.8	193.4	54.0	0.7	97
LEGACY SEEDS L-4424 GENSS	100	P500	1,2,3,4,6	24.6	219.3	54.0	22.3	94	20.1	231.3	55.4	0.0	100	29.4	227.6	52.8	66.5	84	24.3	199.0	53.8	0.4	97
M&W SEEDS 46G55	98	P250	1	25.0	214.1	52.8	0.4	93	20.0	235.8 *	54.5	0.0	96	27.6	212.0	52.1	0.0	85	27.5	194.3	51.7	1.2	97
M&W SEEDS 46K79	98	P250	1,2,4,6	23.5	213.4	54.9	10.3	95	19.6	216.5	55.3	0.3	100	25.4	207.9	53.9	30.5	88	25.6	216.0 *	55.6	0.0	97
MYCOGEN 2V489	98	C500	1,2,3,4,6	25.1	221.3	52.6	21.1	92	21.1	218.9	53.3	0.9	98	29.1	223.7	51.8	41.3	86	--	--	--	--	--
NuTech 5N-0108™	101	C250	1,2,3,4	23.8	210.1	55.9	10.8	100	19.1	213.5	57.4	3.4	99	27.5	219.0	54.6	28.3	100	24.8	197.7	55.8	0.8	99
NuTech/G2 GENETICS 5F-198™	98	P500	1,2,4,6	23.2	217.9	51.6	1.0	95	19.1	227.3	52.9	3.1	99	24.9	227.7	51.0	0.0	91	25.6	198.6	50.9	0.0	96
NuTech/G2 GENETICS 5F-200™	100	P500	1,2,4,6	25.4	219.5	54.1	0.3	98	20.7	225.7	55.6	0.9	100	28.7	223.4	53.4	0.0	97	26.9	209.5 *	53.4	0.0	98
NuTech/G2 GENETICS 5F-701™	101	P500	1,2,4,6	25.5	228.1 *	54.7	0.1	94	21.1	238.3 *	56.1	0.3	98	29.4	224.3	53.5	0.0	88	25.9	221.7 **	54.6	0.0	96
NuTech/G2 GENETICS 5H-502™	102	P500	1,2,4,6	25.3	233.3 *	54.3	13.0	96	21.4	236.8 *	55.6	0.0	98	28.6	244.4 *	53.4	38.0	92	25.8	218.6 *	53.9	1.1	99
NuTech/G2 GENETICS 5K-0208™	102	P500	1,2,3,4,6	27.2	231.3 *	51.8	0.4	100	22.3	244.1 *	52.8	1.1	100	32.1	241.9 *	51.3	0.0	99	27.3	207.9 *	51.5	0.0	100
NuTech/G2 GENETICS 5Z-0107™	101	P500	1,2,4,6	26.9	231.2 *	53.6	0.4	98	21.9	249.4 **	54.9	0.0	100	31.4	227.6	52.5	0.0	93	27.4	216.6 *	53.3	1.1	100
NuTech/G2 GENETICS 5Z-0305™	103	P500	1,2,4,6	26.2	222.9	54.2	0.3	92	21.5	221.9	55.6	0.6	100	31.0	224.0	52.7	0.0	85	--	--	--	--	--
NuTech/G2 GENETICS 5Z-504™	104	P500	1,2,4,6	25.9	234.4 **	53.7	0.0	100	21.6	248.2 *	54.9	0.0	100	30.5	241.0 *	52.9	0.0	99	25.6	214.0 *	53.4	0.0	100
RENK RK596SSTX	98	P500	1,2,3,4,6	24.0	221.1	55.1	0.0	96	19.0	220.7	56.9	0.0	95	27.2	230.9	54.0	0.0	100	25.7	211.7 *	54.5	0.0	93
AVERAGE				25.4	219.7	53.7	4.6	96	20.6	228.4	55.0	0.6	99	29.0	223.7	53.0	11.4	92	26.7	205.7	53.3	0.3	98
HIGHEST				31.2	234.4	55.9	30.4	100	23.3	249.4	57.4	3.4	100	36.5	246.9	54.8	66.5	100	33.9	221.7	55.8	1.9	100
LOWEST				22.8	199.6	50.9	0.0	90	17.9	210.1	51.7	0.0	95	24.9	193.6	50.9	0.0	74	24.3	185.8	50.3	0.0	93
CV (%)				6.2	7.1	2.1	444.3	6.0	4.3	5.4	1.3	323.6	2.0	5.2	6.0	1.2	316.8	8.0	5.6	7.6	1.6	306.3	4.0
LSD (5%)				1.1	10.3	0.8	15.3	4.0	1.0	14.5	0.8	2.2	2.0	1.8	15.7	0.7	42.4	9.0	2.0	21.5	1.1	1.4	5.0

2 Year Averages 2015 - 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
DEKALB DKC49-72 GENSSRIB	99	P500	1,2,3,4,6	26.8	208.9 *	51.6	0.0	98	23.3	203.3 *	52.6	0.0	99	30.3	214.4 *	50.6	0.0	97					
DEKALB DKC52-84 GENSSRIB	102	P500	1,2,3,4,6	27.1	209.1 *	51.7	0.4	97	24.0	201.9 *	52.9	0.9	100	30.2	216.3 **	50.6	0.0	95					
DYNAGRO D39VP14	99	P500	1,2,3	27.9	200.4	52.9	0.0	97	24.0	210.4 **	53.1	0.0	100	31.8	190.4	52.8	0.0	95					
DYNAGRO D40SS48	100	P500	1,2,3,4,6	31.0	195.0	52.9	0.5	97	24.6	199.5	54.0	1.0	98	37.4	190.5	51.8	0.0	96					
DYNAGRO D41SS71	101	P500	1,2,3,4,6	29.9	196.4	52.0	0.2	100	24.8	189.0	53.0	0.1	100	35.0	203.8	50.9	0.3	99					
GREAT LAKES 4879STXRIB	98	P500	1,2,3,6	28.8	200.9	51.6	0.0	97	24.1	197.7	52.8	0.0	99	33.5	204.1	50.4	0.0	96					
GREAT LAKES 5283STXRIB	102	P500	1,2,3,6	30.5	207.8 *	51.6	0.0	96	25.0	209.2 *	52.3	0.0	99	35.9	206.3 *	50.9	0.0	92					
NuTech/G2 GENETICS 5F-198™	98	P500	1,2,4,6	26.3	201.6	50.1	0.8	97	23.7	191.9	51.6	1.6	99	28.9	211.3 *	48.7	0.0	95					
NuTech/G2 GENETICS 5F-200™	100	P500	1,2,4,6	27.8	202.0	52.0	0.2	98	24.4	194.7	52.5	0.4	99	31.2	209.2 *	51.5	0.0	97					
NuTech/G2 GENETICS 5H-502™	102	P500	1,2,4,6	29.2	210.1 **	52.0	9.5	97	25.0	207.4 *	53.1	0.0	99	33.4	212.8 *	51.0	19.0	95					
RENK RK596SSTX	98	P500	1,2,3,4,6	27.1	198.3	52.7	0.0	98	23.2	193.4	54.2	0.0	97	31.0	203.3	51.2	0.0	99					
AVERAGE				28.4	202.8	51.9	1.1	98	24.2	199.8	52.9	0.4	99	32.6	205.7	50.9	1.8	96					
HIGHEST				31.0	210.1	52.9	9.5	100	25.0	210.4	54.2	1.6	100	37.4	216.3	52.8	19.0	99					
LOWEST				26.3	195.0	50.1	0.0	96	23.2	189.0	51.6	0.0	97	28.9	190.4	48.7	0.0	92					
CV (%)				6.5	7.0	2.5	461.3	5.0	4.1	5.8	2.7	305.0	3.0	7.1	6.1	1.7	300.6	6.0					
LSD (5%)				1.0	7.7	0.7	9.3	3.0	0.8	10.2	1.2	1.1	3.0	1.8	10.7	0.7	21.1	4.0					

** 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

2015				TRIAL AVERAGE					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	%H2O	BU/A	Twt	%SL	%Sd
DAIRYLAND SEED DS-9693	93	C500	1,2,3,4,6	32.8	147.3	48.9	2.3	97	37.2	158.1	50.3	0.0	94	28.3	136.6	47.5	4.5	99					
DAIRYLAND SEED DS-9791RA	91	C500	1,2,3,4,6	33.0	163.4	51.1	2.4	100	37.8	158.8	51.2	0.0	100	28.2	168.0	50.9	4.8	100					
DEKALB DKC36-30 GENVT2PRIB	86	P500	1,2	25.9	172.5	51.6	0.4	98	28.1	169.2	52.7	0.0	98	23.8	175.7	50.5	0.9	98					
DEKALB DKC38-03 GENVT2PRIB	88	P500	1,2	27.2	173.9	51.6	2.3	99	28.6	187.8 *	52.2	0.0	98	25.8	159.9	51.1	4.5	100					
DEKALB DKC39-27 GENSSRIB	89	P500	1,2,3,4,6	28.9	179.6 *	50.3	0.4	98	31.0	182.5 *	50.9	0.0	97	26.8	176.7	49.8	0.9	100					
DEKALB DKC41-32 GENSSRIB	91	P500	1,2,3,4,6	28.9	180.1 *	51.7	1.7	96	32.9	173.8	52.1	0.0	93	25.0	186.4	51.3	3.4	98					
DEKALB DKC43-10 GENVT2PRIB	93	P500	1,2	29.2	182.7 *	50.4	0.7	99	30.2	196.8 **	51.0	0.0	99	28.2	168.5	49.7	1.4	100					
DYNAGRO CX15187	87	A500	1,2	27.0	178.5 *	52.9	0.2	97	28.8	168.1	53.3	0.0	97	25.1	188.9 *	52.5	0.3	97					
DYNAGRO D25VC45	85	P500	1,2	27.5	164.7	51.3	0.0	100	30.4	153.8	51.3	0.0	100	24.7	175.6	51.2	0.0	99					
DYNAGRO D31SS31	91	A500	1,2,3,4,6	28.5	181.2 *	49.4	0.6	99	31.1	179.3	50.2	0.0	98	26.0	183.2	48.7	1.1	100					
DYNAGRO D37VC60	95	A500	1,2	31.1	188.4 **	51.5	0.6	100	34.9	168.8	51.3	0.0	99	27.3	208.0 **	51.8	1.1	100					
GOLDEN HARVEST G84J92-3011A	86	C500	1,2,3,4,A	25.5	158.4	52.5	1.0	100	27.6	166.4	52.4	0.0	100	23.4	150.3	52.6	2.0	100					
GOLDEN HARVEST G88M78-3011A	88	C500	1,2,3,4,6,A	27.2	149.0	49.8	2.1	99	27.6	166.7	49.4	0.0	97	26.9	131.3	50.2	4.2	100					
GOLDEN HARVEST G90Y04-3110A	90	C500	1,2,4,A	28.7	165.8	50.6	13.6	99	31.2	173.9	51.8	0.0	99	26.2	157.6	49.4	27.2	99					
GREAT LAKES 3847VT2RIB	88	P500	1,2	28.0	181.0 *	51.5	0.7	99	31.4	169.1	51.9	0.0	98	24.7	192.9 *	51.0	1.4	100					
GREAT LAKES 4250VT2RIB	92	P500	1,2	29.3	172.2	50.4	0.3	99	32.1	179.4	50.5	0.0	100	26.5	165.0	50.3	0.6	98					
GREAT LAKES 4452STX	94	P500	1,2,3,6	31.6	164.5	51.6	0.7	98	34.4	165.1	54.6	0.0	96	28.8	163.9	48.7	1.4	100					
GREAT LAKES 4548STXRIB	95	P500	1,2,3,6	32.0	187.6 *	50.0	0.0	99	35.3	187.5 *	51.0	0.0	99	28.6	187.8 *	49.1	0.0	98					
LEGACY SEEDS L-2813 VT2PRO R	87	P250	1,2	25.3	161.9	52.0	1.2	98	28.5	160.2	52.7	0.0	97	22.2	163.7	51.4	2.3	98					
LEGACY SEEDS L-2924 VT2PRO	89	P250	1,2	29.4	159.0	50.1	1.8	98	31.0	156.5	50.9	0.0	99	27.9	161.5	49.3	3.7	97					
LEGACY SEEDS L-3022 GENSS RIB	92	P500	1,2,3,4,6	29.5	169.2	51.8	1.5	100	33.4	151.2	51.8	0.0	99	25.6	187.3 *	51.7	3.1	100					
LEGEND 9587 VT2PRIB	87	C250	1,2	27.0	151.5	51.9	0.3	87	31.8	162.6	52.3	0.0	83	22.1	140.5	51.5	0.6	91					
LEGEND 9688 VT2PRIB	88	C250	1,2	26.1	160.4	51.7	0.0	99	28.2	172.4	52.0	0.0	100	24.0	148.4	51.4	0.0	98					
MYCOGEN 2V357	93	C250	1,2,3,4,6	31.2	172.5	50.5	0.1	99	34.6	181.8 *	51.6	0.0	99	27.8	163.3	49.5	0.3	98					
NuTech 5G-9302™	93	C250	1,2,4,6	26.4	170.4	52.6	2.4	89	28.8	179.3	55.0	0.0	85	24.1	161.5	50.3	4.9	93					
NuTech 5N-195™	95	P500	1,2,3,4	30.8	152.7	49.4	0.7	100	34.1	156.9	50.1	0.0	100	27.5	148.5	48.7	1.4	99					
NuTech/G2 GENETICS 5F-196™	96	P500	1,2,4,6	30.5	176.4 *	48.6	0.8	93	34.5	182.5 *	49.7	0.0	93	26.4	170.4	47.5	1.6	92					
NuTech/G2 GENETICS 5X-894™	94	P500	1,2,3,4,6	25.2	179.8 *	50.8	1.0	97	29.1	192.6 *	51.2	0.0	96	21.2	167.0	50.4	2.0	99					
RUPP XRD8202	82	A250	1,2	24.8	155.6	54.6	0.4	99	25.8	165.7	54.7	0.0	98	23.8	145.6	54.5	0.9	100					
RUPP XRD90-64	90	C250	1,2	29.5	180.6 *	49.5	14.8	98	31.1	194.5 *	50.6	0.0	99	27.9	166.6	48.5	29.5	97					
RUPP XRD92-74	92	A250	1,2	28.1	175.3	49.8	1.3	98	31.6	170.6	50.2	0.0	97	24.5	180.0	49.3	2.5	100					
AVERAGE				28.6	169.5	51.0	1.8	98	31.4	172.0	51.6	0.0	97	25.8	167.1	50.3	3.6	98					
HIGHEST				33.0	188.4	54.6	14.8	100	37.8	196.8	55.0	0.0	100	28.8	208.0	54.5	29.5	100					
LOWEST				24.8	147.3	48.6	0.0	87	25.8	151.2	49.4	0.0	83	21.2	131.3	47.5	0.0	91					
CV (%)				6.1	9.1	4.0	516.2	3.0	6.0	8.2	3.9	0.0	3.0	6.2	9.1	4.1	365.0	3.0					
LSD (5%)				1.4	12.5	1.7	7.7	2.0	2.2	16.5	2.3	0.0	3.0	1.9	20.8	2.4	15.5	3.0					

2 Year Averages 2015 - 2014

BRAND / HYBRID	RM	TRT	TRAIT	TRIAL AVERAGE %H2O	TRIAL AVERAGE BU/A	TRIAL AVERAGE Twt	TRIAL AVERAGE %SL	TRIAL AVERAGE %Sd	Grand Traverse - Early %H2O	Grand Traverse - Early BU/A	Grand Traverse - Early Twt	Grand Traverse - Early %SL	Grand Traverse - Early %Sd	Iosco - Early %H2O	Iosco - Early BU/A	Iosco - Early Twt	Iosco - Early %SL	Iosco - Early %Sd	Menominee - Late %H2O	Menominee - Late BU/A	Menominee - Late Twt	Menominee - Late %SL	Menominee - Late %Sd
DAIRYLAND SEED DS-9791RA	91	C500	1,2,3,4,6											26.3	184.2	50.7	2.4	100					
DEKALB DKC38-03 GENVT2PRIB	88	P500	1,2											24.8	190.3	51.8	2.3	100					
DEKALB DKC41-32 GENSSRIB	91	P500	1,2,3,4,6											24.7	196.2	51.7	1.7	98					
DEKALB DKC43-10 GENVT2PRIB	93	P500	1,2											26.3	191.7	50.4	0.7	100					
DYNAGRO D25VC45	85	P500	1,2											24.0	198.4 *	51.8	0.0	99					
GREAT LAKES 3847VT2RIB	88	P500	1,2											23.7	203.6 *	51.9	0.7	100					
LEGACY SEEDS L-3022 GENSS RIB	92	P500	1,2,3,4,6											24.7	209.0 **	52.3	1.5	100					
MYCOGEN 2V357	93	C250	1,2,3,4,6											26.1	191.5	50.5	0.1	99					
NuTech/G2 GENETICS 5X-894™	94	P500	1,2,3,4,6											23.1	184.6	50.9	1.0	99					
AVERAGE														24.9	194.4	51.3	1.2	99					
HIGHEST														26.3	209.0	52.3	2.4	100					
LOWEST														23.1	184.2	50.4	0.0	98					
CV (%)														4.9	7.4	3.1	333.1	2.2					
LSD (5%)														1.0	11.8	1.3	7.7	1.8					

** 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	

TABLE 5. DELTA, GRAND TRAVERSE (EARLY) & MENOMINEE (EARLY) COUNTY GRAIN TRIALS (93 Day and Earlier) ZONE 5

2015				TRIAL AVERAGE					Delta					Grand Traverse - Early					Menominee - 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
DYNAGRO D25VC45	85	P500	1,2	33.2	167.9 *	50.8	0.0	99	37.7	163.5 *	49.7	0.0	98	28.6	172.2	51.9	0.0	100					
DYNAGRO CX15187	87	A500	1,2	34.9	169.4 *	52.1	0.0	97	41.0	163.3 *	50.9	0.0	98	28.7	175.4 *	53.3	0.0	95					
GREAT LAKES 3510VT2RIB	85	P500	1,2	30.9	154.8	54.0	0.0	99	35.0	162.4 *	52.0	0.0	99	26.7	147.2	55.9	0.0	99					
GREAT LAKES 3847VT2RIB	88	P500	1,2	35.5	165.6	50.6	0.0	100	39.4	165.3 **	49.9	0.0	100	31.5	165.8	51.2	0.0	100					
GREAT LAKES 4250VT2RIB	92	P500	1,2	35.4	173.0 **	50.1	0.0	98	41.3	163.2 *	49.5	0.0	98	29.5	182.8 **	50.6	0.0	99					
LEGACY SEEDS L-2213 VT2PRO	82	P250	1,2	28.5	155.0	53.6	0.0	100	31.7	164.3 *	51.8	0.0	100	25.2	145.6	55.3	0.0	99					
LEGACY SEEDS L-2314 VT2PRO RIB	84	P250	1,2	31.2	169.9 *	52.0	0.6	98	35.6	161.8 *	50.4	1.1	98	26.7	177.9 *	53.6	0.0	99					
LEGACY SEEDS L-2813 VT2PRO RIB	87	P250	1,2	31.2	161.1	51.6	0.0	97	33.4	164.4 *	50.0	0.0	98	28.9	157.7	53.2	0.0	96					
MYCOGEN 2P198	85	C500	1,2,3,4,6	31.1	159.7	52.0	0.3	99	35.4	155.1 *	50.1	0.0	100	26.7	164.2	53.9	0.6	98					
MYCOGEN 2J238	88	C250	1,2,3,4,6	36.5	161.8	49.7	0.0	97	41.5	159.1 *	49.1	0.0	97	31.4	164.5	50.3	0.0	97					
AVERAGE				32.8	163.8	51.6	0.1	98	37.2	162.2	50.4	0.1	98	28.4	165.3	52.9	0.1	98					
HIGHEST				36.5	173.0	54.0	0.6	100	41.5	165.3	52.0	1.1	100	31.5	182.8	55.9	0.6	100					
LOWEST				28.5	154.8	49.7	0.0	97	31.7	155.1	49.1	0.0	97	25.2	145.6	50.3	0.0	95					
CV (%)				4.2	5.3	1.4	657.8	3.0	4.3	5.6	1.4	632.5	3.0	4.1	4.9	1.3	632.5	2.0					
LSD (5%)				1.2	7.3	0.6	0.5	2.0	1.9	11.0	0.8	0.9	3.0	1.4	9.7	0.9	0.5	3.0					

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

2015 HANDY Bt TRAIT TABLE

Trait Family Product	Bt protein(s)	Insects controlled or *suppressed* Above-ground----------In soil		Herbicide tolerant?	Refuge %, placement (for the MIDWEST)
AGRISURE					
Agrisure GT/CB/LL, 3010A	Cry1Ab	ECB SWCB *CEW FAW SB*	---	GT LL	20% structured-½ mile
Agrisure 3000GT, 3011A	Cry1Ab mCry3A	ECB SWCB *CEW FAW SB*	RW	GT LL	20% structured-w/in, adj
Agrisure Viptera 3110	Cry1Ab Vip3A	BCW CEW ECB FAW SB SWCB TAW WBC	---	GT LL	20% structured-½ mile
Agrisure Viptera 3111	Cry1Ab mCry3A Vip3A	BCW CEW ECB FAW SB SWCB TAW WBC	RW	GT LL	20% structured-w/in, adj
Agrisure 3122 E-Z Refuge	Cry1Ab Cry1F mCry3A Cry34/35Ab1	BCW ECB FAW SB SWCB WBC *CEW*	RW	GT	5% in the bag (RIB)
Agrisure Viptera 3220 E-Z Refuge	Cry1Ab Cry1F Vip3A	BCW CEW ECB FAW SB SWCB TAW WBC	---	GT	5% in the bag (RIB)
Agrisure Duracade 5122 E-Z Refuge	Cry1Ab Cry1F mCry3A eCry3.1Ab	BCW ECB FAW SB SWCB WBC *CEW*	RW	GT	5% in the bag (RIB)
Agrisure Duracade 5222 E-Z Refuge	Cry1Ab Cry1F Vip3A mCry3A eCry3.1Ab	BCW CEW ECB FAW SB SWCB TAW WBC	RW	GT	5% in the bag (RIB)
HERCULEX					
Herculex 1 (HX1)	Cry1F	BCW ECB FAW SB SWCB WBC *CEW*	---	LL	20% structured-½ mile
Herculex RW (HXRW)	Cry34/35Ab1	---	RW	RR2 (most)	20% structured-w/in, adj
Herculex XTRA (HXX)	Cry1F Cry34/35Ab1	BCW ECB FAW SB SWCB WBC *CEW*	RW		20% structured-w/in, adj
OPTIMUM					
TRIsect	Cry1F mCry3A	BCW ECB FAW SB SWCB WBC *CEW*	RW	LL RR2	20% structured-w/in, adj
Intrasect	Cry1F Cry1Ab	BCW ECB FAW SB SWCB WBC *CEW*	---	LL RR2	5% structured-½ mile
Intrasect Leptra	Cry1F Cry1Ab Vip3A	BCW CEW ECB FAW SB SWCB TAW WBC	---	LL RR2	5% structured-w/in, adj
Intrasect XTra	Cry1F Cry1Ab Cry34/35Ab1	BCW ECB FAW SB SWCB WBC *CEW*	RW	LL RR2	20% structured-w/in, adj
Intrasect XTreme	Cry1F Cry1Ab mCry3A Cry34/35Ab1	BCW ECB FAW SB SWCB WBC *CEW*	RW	LL RR2	5% structured-w/in, adj
AcreMax (AM)	Cry1F Cry1Ab	BCW ECB FAW SB SWCB WBC *CEW*	---	LL RR2	5% in the bag (RIB)
AcreMax RW (AMRW)	Cry34/35Ab1	---	RW	LL RR2	10% in the bag (RIB)
AcreMax1 (AM1)	Cry1F Cry34/35Ab1	BCW ECB FAW SB SWCB WBC *CEW*	RW	LL RR2	10% in the bag *(RW)* & 20% structured-½ mile *(CB)*
AcreMax TRIsect (AMT)	Cry1F Cry1Ab mCry3A	BCW ECB FAW SB SWCB WBC *CEW*	RW	LL RR2	10% in the bag (RIB)
AcreMax Xtra (AMX)	Cry1F Cry1Ab Cry34/35Ab1	BCW ECB FAW SB SWCB WBC *CEW*	RW	LL RR2	10% in the bag (RIB)
AcreMax XTrem (AMXT)	Cry1F Cry1Ab mCry3A Cry34/35Ab1	BCW ECB FAW SB SWCB WBC *CEW*	RW	LL RR2	5% in the bag (RIB)
YIELDGARD / GENUITY					
YieldGard CB (YGCB)	Cry1Ab	ECB SWCB *CEW FAW SB*	---	RR2	20% structured-½ mile
YieldGard VT Rootworm	Cry3Bb1	---	RW	RR2	20% structured-w/in, adj
YieldGard VT Triple	Cry1Ab Cry3Bb1	ECB SWCB *CEW FAW SB*	RW	RR2	20% structured-w/in, adj
Genuity VT Double PRO (or as RIB complete)	Cry1A.105 Cry2Ab2	CEW ECB FAW SB SWCB	---	RR2	5% structured-½ mile (or 5% in the bag (RIB))
Genuity VT Triple PRO (or as RIB complete)	Cry1A.105 Cry2Ab2 Cry3Bb1	CEW ECB FAW SB SWCB	RW	RR2	20% structured-w/in, adj (or 10% in the bag (RIB))
Genuity SmartStax RIB Complete	Cry1A.105 Cry2Ab2 Cry1F Cry3Bb1 Cry34/35Ab1	BCW CEW ECB FAW SB SWCB WBC	RW	LL RR2	5% in the bag (RIB)
OTHERS					
Smartstax (or as Refuge Advanced)	Cry1A.105 Cry2Ab2 Cry1F Cry3Bb1 Cry34/35Ab1	BCW CEW ECB FAW SB SWCB WBC	RW	LL RR2	5% structured-w/in, adj (or 5% in the bag (RIB))

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

2015				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
BLUE RIVER 27B16	88	MXL	Conv.	---	---	---	---	---	---	---	---	---	---						17.9	218.4 *	58.4	0.0	100
BLUE RIVER 30B97	90	MXL	Conv.	16.7	220.2	55.5	0.6	99	15.9	223.3	55.3	1.1	97						17.4	217.1 *	55.7	0.0	100
BLUE RIVER 40R73	97	MXL	Conv.	19.6	182.5	55.2	0.6	100	18.2	171.0	55.5	1.1	100						21.1	194.0	54.8	0.0	100
BLUE RIVER 43T35	98	MXL	Conv.	19.9	230.0 *	53.8	0.1	100	19.6	245.6 *	53.8	0.3	100						20.2	214.5 *	53.9	0.0	100
BLUE RIVER 45R37	99	MXL	Conv.	21.7	213.1	55.4	0.3	97	21.5	222.6	55.5	0.6	100						21.9	203.6	55.3	0.0	94
GREAT LAKES 4699	96	P500	Conv.	17.8	218.8	56.7	0.3	99	16.7	223.4	56.9	0.3	100						18.9	214.2 *	56.4	0.3	99
GREAT LAKES 4879	98	P500	Conv.	19.5	236.9 **	55.2	2.8	100	18.9	249.5 *	55.0	5.6	100						20.1	224.4 **	55.5	0.0	100
KEY 401	100	ENC	Conv.	---	---	---	---	---	---	---	---	---	---						20.6	215.9 *	56.0	0.3	97
M&W SEEDS 45A37	100	P250	Conv.	19.0	233.8 *	56.5	0.4	99	18.4	254.0 **	56.7	0.3	98						19.7	213.6	56.2	0.6	100
M&W SEEDS 45K33	101	P250	Conv.	19.5	217.1	54.2	0.6	100	17.7	224.6	55.0	0.9	100						21.3	209.5	53.5	0.3	100
M&W SEEDS 46G54	98	P250	Conv.	20.6	213.1	54.2	0.3	92	19.6	214.3	54.5	0.7	94						21.7	211.9	53.8	0.0	91
M&W SEEDS 47J64	94	P250	Conv.	16.7	210.2	56.9	0.0	100	15.0	209.2	57.3	0.0	100						18.4	211.2	56.5	0.0	100
PARTNERS BRAND PB7147	101	C250	Conv.	---	---	---	---	---	---	---	---	---	---						21.2	205.8	56.7	0.0	100
RUPP XRA00-14	100	C250	Conv.	18.7	226.1 *	56.2	0.7	99	17.5	242.0 *	56.2	1.5	99						20.0	210.1	56.3	0.0	100
RUPP XRA94-16	94	C250	Conv.	17.3	225.5	56.9	0.6	100	15.4	234.5 *	57.1	1.1	100						19.1	216.4 *	56.7	0.0	100
RUPP XRA98-58	98	C250	Conv.	20.2	206.5	53.9	0.0	99	19.8	209.8	54.5	0.0	100						20.6	203.3	53.4	0.0	99
STEYER 10102	101	C250	Conv.	20.2	219.6	56.0	0.6	98	19.9	224.5	55.9	1.1	97						20.4	214.8 *	56.0	0.0	99
STEYER 9801	98	C250	Conv.	19.7	221.7	56.7	0.7	96	18.0	226.2	57.0	1.4	100						21.3	217.3 *	56.4	0.0	92
STEYER 9802	98	C250	Conv.	20.1	214.1	54.0	0.3	96	19.2	227.5	54.3	0.6	95						21.0	200.6	53.7	0.0	98
AVERAGE				19.2	218.1	55.5	0.6	98	18.2	225.1	55.7	1.0	99						20.1	211.4	55.5	0.1	98
HIGHEST				21.7	236.9	56.9	2.8	100	21.5	254.0	57.3	5.6	100						21.9	224.4	58.4	0.6	100
LOWEST				16.7	182.5	53.8	0.0	92	15.0	171.0	53.8	0.0	94						17.4	194.0	53.4	0.0	91
CV (%)				4.7	6.1	1.0	212.0	3.0	5.6	7.7	1.0	156.6	3.0						4.0	4.1	1.0	460.8	3.0
LSD (5%)				0.8	11.1	0.5	1.0	3.0	1.2	20.6	0.7	1.9	3.0						1.0	10.2	0.7	0.4	4.0

2 Year Averages 2015 - 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 4699	96	P500	Conv.	20.2	207.3	54.2	0.1	98	17.9	213.4	55.5	0.1	97						22.4	201.1 *	52.9	0.0	99
GREAT LAKES 4879	98	P500	Conv.	21.4	216.5 *	53.3	3.2	99	19.2	231.8 *	54.8	3.2	99						23.6	201.1 *	51.8	0.0	100
M&W SEEDS 45A37	100	P250	Conv.	21.3	218.3 **	54.6	0.1	95	20.0	232.9 **	55.6	0.1	91						22.6	203.7 *	53.6	0.0	99
M&W SEEDS 46G54	98	P250	Conv.	22.9	196.5	52.8	1.0	94	21.3	203.2	54.1	1.0	92						24.4	189.9	51.5	0.0	96
RUPP XRA00-14	100	C250	Conv.	21.0	214.4 *	53.9	0.9	98	19.6	231.7 *	54.9	0.9	96						22.4	197.1	53.0	0.0	100
RUPP XRA94-16	94	C250	Conv.	19.4	210.5	54.4	0.6	98	16.4	219.6	55.8	0.6	97						22.5	201.5 *	53.0	0.0	100
RUPP XRA98-58	98	C250	Conv.	22.3	195.3	52.5	0.0	98	21.0	199.1	53.8	0.0	97						23.7	191.4	51.2	0.0	99
STEYER 9801	98	C250	Conv.	21.6	208.0	54.0	0.7	96	20.1	208.3	54.6	0.7	96						23.0	207.8 **	53.4	0.0	96
STEYER 9802	98	C250	Conv.	22.5	201.6	52.2	0.3	95	20.9	209.2	53.0	0.3	92						24.0	194.1	51.5	0.0	99
AVERAGE				21.4	207.6	53.6	0.8	97	19.6	216.6	54.7	0.8	95						23.2	198.6	52.4	0.0	99
HIGHEST				22.9	218.3	54.6	3.2	99	21.3	232.9	55.8	3.2	99						24.4	207.8	53.6	0.0	100
LOWEST				19.4	195.3	52.2	0.0	94	16.4	199.1	53.0	0.0	91						22.4	189.9	51.2	0.0	96
CV (%)				4.8	5.6	2.3	240.0	3.0	5.9	6.8	4.0	176.9	4.0						3.9	4.1	1.1	0.0	2.0
LSD (5%)				0.6	6.9	0.7	0.6	2.0	1.0	12.3	1.8	1.1	3.0						0.7	6.9	0.5	0.0	2.0

** 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

2015				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
BLUE RIVER 53H36	104	MXL	Conv.	25.6	224.7	53.1	0.0	100	25.7	227.3	53.3	0.0	100						25.4	222.1	52.8	0.0	100
GREAT LAKES 5283	102	P500	Conv.	22.4	245.1 **	55.0	0.0	100	20.7	253.4 **	55.7	0.0	100						24.1	236.9 *	54.3	0.0	100
GREAT LAKES 5755	107	P500	Conv.	25.0	243.9 *	54.4	0.0	100	23.3	244.1 *	54.4	0.0	99						26.6	243.7 **	54.3	0.0	100
KEY 305	105	ENC	Conv.	22.6	225.8	50.9	0.0	99	23.0	249.0 *	50.9	0.0	100						22.3	202.7	50.9	0.0	98
KEY 509	109	ENC	Conv.	28.1	232.0	53.9	0.0	100	29.2	232.8	54.0	0.0	100						27.0	231.2	53.8	0.0	100
M&W SEEDS 44G44	106	P250	Conv.	25.8	229.7	55.1	0.0	98	25.1	230.1	55.4	0.0	96						26.5	229.4	54.8	0.0	99
M&W SEEDS 44M87	108	P250	Conv.	27.8	240.4 *	53.9	0.6	98	28.0	248.8 *	54.1	0.0	96						27.5	232.0	53.6	1.1	100
M&W SEEDS 45M79	103	P250	Conv.	22.2	240.0 *	54.4	0.0	99	22.2	252.3 *	54.8	0.0	100						22.3	227.6	54.1	0.0	97
RUPP XRA03-91	103	250	Conv.	21.9	231.2	54.2	0.3	99	20.2	247.8 *	54.6	0.0	100						23.6	214.6	53.8	0.6	98
STEYER 10605	106	C250	Conv.	24.9	234.7 *	54.8	0.2	95	23.1	241.6 *	54.9	0.0	98						26.8	227.9	54.7	0.3	93
WELLMAN W2408	108	ENC	Conv.	25.1	232.8	54.0	0.7	98	23.1	228.1	53.9	0.0	99						27.1	237.6 *	54.2	1.5	96
AVERAGE				24.7	234.6	54.0	0.2	99	23.9	241.4	54.2	0.0	99						25.4	227.8	53.8	0.3	98
HIGHEST				28.1	245.1	55.1	0.7	100	29.2	253.4	55.7	0.0	100						27.5	243.7	54.8	1.5	100
LOWEST				21.9	224.7	50.9	0.0	95	20.2	227.3	50.9	0.0	96						22.3	202.7	50.9	0.0	93
CV (%)				5.2	5.3	1.6	396.0	3.0	5.2	6.5	1.4	0.0	2.0						5.2	3.7	1.8	280.0	3.0
LSD (5%)				1.1	10.4	0.7	0.5	2.0	1.5	18.7	0.9	0.0	3.0						1.6	10.1	1.1	1.1	4.0

2 Year Averages 2015 - 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.	23.1	228.3 **	53.0	0.0	98	21.3	240.3 **	53.7	0.0	95						24.9	216.2	52.3	0.0	100
KEY 305	105	ENC	Conv.	24.7	199.1	49.9	0.0	92	25.1	209.6	50.6	0.0	85						24.3	188.5	49.2	0.0	99
M&W SEEDS 44G44	106	P250	Conv.	25.7	210.7	53.5	0.0	96	25.4	217.5	54.2	0.0	93						26.1	203.9	52.8	0.0	99
M&W SEEDS 45M79	103	P250	Conv.	22.3	213.9	52.7	0.0	97	20.5	220.6	53.9	0.0	96						24.2	207.2	51.5	0.0	99
WELLMAN W2408	108	P250	Conv.	25.2	227.8 *	53.5	0.0	97	24.3	230.3 *	54.0	0.0	96						26.1	225.4 **	52.9	0.0	98
AVERAGE				24.2	215.9	52.5	0.0	96	23.3	223.7	53.3	0.0	93						25.1	208.2	51.7	0.0	99
HIGHEST				25.7	228.3	53.5	0.0	98	25.4	240.3	54.2	0.0	96						26.1	225.4	52.9	0.0	100
LOWEST				22.3	199.1	49.9	0.0	92	20.5	209.6	50.6	0.0	85						24.2	188.5	49.2	0.0	98
CV (%)				5.2	5.5	2.3	758.5	7.0	6.0	6.3	2.9	0.0	10.0						4.4	4.3	1.6	0.0	3.0
LSD (5%)				0.8	7.2	0.7	17.6	4.0	1.2	12.2	1.3	0.0	8.0						0.9	7.8	0.7	0.0	2.0

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybric

2015
FUNGICIDE EFFECTS ON MICHIGAN CORN PERFORMANCE

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Michigan State University

Plots were established at the Michigan State University Agronomy Farm, East Lansing, MI. Corn variety 'P9807AM' was planted on 24 May with 30 in. row spacing and the experimental design was a randomized complete block. Plots were four rows wide and 22 ft long, with 3 ft alleys between plots. Fertilizer was added on two occasions: 12 Gal/A of 16% N at planting and 45 Gal/A of 45% N was side dressed on 26 Jun. Northern leaf blight (NLB) inoculum was applied to all plots on 26 Jun, by evenly spreading 77.4 lbs of infested sorghum grain over the field. Additionally, shredded leaves with NLB lesions, collected in 2014, were also spread throughout the field. There were a total of 24 treatments and five replicates; fungicides were applied on 25 Jun (V5), 1 Jul (V6), 13 Jul (V8), and 6 Aug (VT/R1). No irrigation was provided. Fungicides were applied with a hand-held spray boom pressurized with CO_2 at 40 psi. The boom consisted of six nozzles (Teejet 11001VS) spaced 20 in. apart and was calibrated to apply 15 gal/A. Gray leaf spot (GLS) and NLB severities were assessed by estimating the percent leaf area with lesions on the ear leaf and ear leaf +3 from 10 plants of the center rows for each plot on 31 Aug-4 Sep. A disease index (DIX) that accounted for both severity (DS) and incidence (DI) was calculated for each disease: DIX = DI*(DS/100). The center two rows of each plot were harvested on 26 Oct, except for one pass where only one outer row was harvested, due to a combine error. Yields were adjusted to 15.5% moisture. Data were analyzed using SAS 9.3 PROC MIXED method (SAS Institute, Cary, NC).

NLB incidence was relatively high, while GLS incidence was low. All treatments, except Domark 230 ME at V5, resulted in significantly lower DIX scores for NLB on both the ear leaf and ear leaf +3, compared to the untreated. For GLS, Domark 203 ME at V5 failed to significantly lower the DIX on the ear leaf, while Topguard EQ 4.29 SC failed to lower the DIX on the ear leaf +3, compared to the untreated. Among those products applied at different plant stages, the later applications (VT/R1) tended to result in lower DIX values. No products had significantly higher yield, compared to the untreated. Yield differences, however, are unlikely to be truly representative. The field received almost 6.5 in. of precipitation in the first four weeks following planting, leading to irregular nutrient leaching and stand heights.

		DIX[z] values				
	Plant	ear leaf		ear leaf +3		Yield
Treatment, rate/A	Stage	NLB	GLS	NLB	GLS	(bu/A)
Untreated		7.26 a[y]	0.96 a	1.92 a	0.44 a	162.91 abcdef
Stratego YLD 4.18 SC, 2 fl oz[x]	V5	1.54 c	0.78 abc	0.44 cdefgh	0.16 bcdef	134.61 fg
Stratego YLD 4.18 SC, 4 fl oz[x]	VT/R1	2.62 bc	0.76 abcd	0.16 kl	0.22 bcde	161.11 abcdef
Stratego YLD 4.18 SC, 5 fl oz[x]	V5 & VT/R1	1.78 c	0.74 abcd	0.26 efghijk	0.20 bcdef	158.35 abcdef
Fortix 3.22 SC, 5 fl oz[w]	V6	1.90 c	0.76 abcd	0.44 cdefghi	0.10 cdef	147.63 cdef
Fortix 3.22 SC, 5 fl oz + Glyfos X-tra 4 SC, 32 fl oz[w]	V6	3.18 bc	0.84 abc	0.56 cdef	0.18 bcdef	146.85 def
Fortix 3.22 SC, 5 fl oz[w]	V8	1.74 c	0.78 abcd	0.32 defghijk	0.10 cdef	135.08 fg
Fortix 3.22 SC, 4 fl oz[w]	VT/R1	1.66 c	0.62 bcd	0.50 defghij	0.24 bcd	181.79 a
Fortix 3.22 SC, 5 fl oz[w]	VT/R1	1.48 c	0.50 d	0.04 l	0.04 ef	140.90 efg
Headline AMP 1.68 SC, 10 fl oz[w]	V8	1.48 c	0.72 abcd	0.82 bcd	0.26 abcd	161.06 abcdef
Headline AMP 1.68 SC, 10 fl oz + Glyfos X-tra 4 SC, 32 fl oz[w]	V6	3.42 bc	0.72 abcd	0.62 cdefg	0.02 f	152.31 abcdef
Headline AMP 1.68 SC, 10 fl oz[w]	VT/R1	3.20 bc	0.52 d	0.16 ijkl	0.12 bcdef	166.03 abcde
Glyfos X-tra 4 SC, 32 fl oz[w]	V6	3.46 bc	0.70 bcd	0.90 bcd	0.30 ab	169.21 abcd
Affiance 1.5 SC, 10 fl oz[w]	V5	2.94 bc	0.80 bcd	0.76 bcde	0.18 bcdef	116.50 g
Affiance 1.5 SC, 10 fl oz	VT/R1	1.86 c	0.58 bcd	0.12 hijkl	0.04 ef	157.04 abcdef
Domark 230 ME, 4 fl oz[w]	V5	4.84 ab	0.88 ab	1.28 ab	0.22 bcde	156.01 abcdef
Domark 230 ME, 4 fl oz	VT/R1	1.46 c	0.74 abcd	0.48 cdefg	0.20 bcdef	177.26 abc
Topguard EQ 4.29 SC, 5 fl oz[w]	V6	2.10 c	0.96 a	0.98 bc	0.16 bcdef	140.74 fg
Topguard EQ 4.29 SC, 5 fl oz[w]	V8	1.72 c	0.72 abcd	0.90 bcd	0.28 abc	183.52 a
Topguard EQ 4.29 SC, 5 fl oz[w]	VT/R1	1.52 c	0.60 cd	0.12 jkl	0.18 bcdef	180.46 ab
Equation SC 2.08 SC, 6 fl oz[w]	V6	3.02 bc	0.86 ab	0.62 bcdef	0.08 def	146.86 def
Equation SC 2.08 SC, 6 fl oz[w]	VT/R1	2.32 c	0.50 cd	0.16 ghijkl	0.12 bcdef	168.45 abcd
Aproach 2.08 SC, 6 fl oz	VT/R1	1.78 c	0.74 abcd	0.20 fghijkl	0.14 bcdef	150.05 bcdef
Quilt Xcel 2.2 SE, 10.5 fl oz	VT/R1	2.94 bc	0.46 d	0.12 kl	0.12 bcdef	145.41 def
P-value		0.0110	0.0266	<0.0001	0.0237	0.0003

[z] Disease index
[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 0.125% v/v.
[w] 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 14	Nov 4	Soybeans	35,244	34,063	184-9-3
	BRANCH	May 13	Nov 10	Soybeans	35,244	34,521	221-9-3
	CASS	May 18	Oct 27	Corn	35,244	34,539	241-9-3 +chicken manure
Zone 2	ALLEGAN	May 8	Oct 22	Corn	35,244	34,785	191-9-3 + chicken manure
	INGHAM	May 4	Oct 23	Soy beans	35,244	33,922	201-9-3
	INGHAM CONV.	May 4	Oct 18	Soybeans	35,244	33,689	191-9-3
	SAGINAW & CONV.	May 19	Nov 2	Soybeans	35,244	34,662 34,627 Conv	154-9-3
Zone 3	HURON & Conv.	May 7	Nov 5	Corn	35,244	34,891	110-9-3 +manure
	MONTCALM & CONV.	June 26	Nov 16	Potatoes	35,244	34,345	169-9-3
	MASON	May 6	Nov 3	Soybeans	35,244	31,790	110-9-3 + pig manure
	IOSCO	May 20	Nov 9	Alfalfa	35,244	34,644	154-9-3 +manure
Zone 4	GRAND TRAVERSE	May 6	Nov 3	Wheat	31,284	30,501	154-9-3
	MENOMINEE	May 21	Dropped due	to water	damage		
Z5	DELTA	May 21	Nov 8	Corn	35,244	34,680	139-9-3 +manure

	COUNTY	SOIL TYPE	SOIL TEST	FARM COOPERATOR	LOCATION
Zone 1	WASHTENAW	Pella silt loam 0-4% slopes	pH6.9, P23, K149.5	Mathew Talladay	Milan
	BRANCH	Oshetemo sandy loam 0-6% slopes	pH6.2, P110, K107.5	Kyle Huff	Coldwater
	CASS	Kalamazoo loam 0-2% slopes	pH6.4, P36, K115.5	George Brossman	Vandalia
Zone 2	ALLEGAN	Ockley loam 1-6% slopes	pH6.1,P83, K222	Jim & John Schipper	Martin
	INGHAM	Capac loam 0-4% slopes	pH5.9,P65, K222	Jorgensen Farms Jerry Jorgensen & Mike Turner	Williamston
	INGHAM CONV.	Capac loam 0-4% slopes	pH5.9, P65 K222	Crop, Soil & Microbial Sciences Research Facility, MSU	Lansing
	SAGINAW & Conv.	Brookston & Londo loam 0-3% slopes	pH6.8, P39, K91	Fred Gross Farms Peggy Gross & Dick Birchmeier	New Lothrop
Zone 3	HURON & Conv.	Kilmanagh loam	pH6.5,P89.5 K194	Wil-Le Farms Ron & Ed McCrea	Bad Axe
	MONTCALM	Tekenink-Spinks loamy sands 6-12% slopes	pH5.5, P174 K216	Sackett Farms Larry Sackett	Stanton
	MASON	Ithaca-Arkona Complex 0-3% slopes	pH6.4,P74, K184.5	Robert Oshe Jacob Zwagerman	Scottville
Zone 4	IOSCO	Kawkawlin sany loam 0-4% slopes	pH6.4,P26.5, K73.5	Jeremy Beebe	Whittemore
	GRAND TRAVERSE	Coventry-Newaygo loams 0-6% slopes	pH6, P50.5 K110	Ed Breitmeyer	Buckley
	MENOMINEE	Onaway-Ossineke fine sandy loams, drumlin 1-6%	pH7.7, P17 K51	Johnson Dairy Farm Dave Johnson	Daggett
Z5	DELTA	Trenary fine sandy loam 2-6% slopes	pH6.8, P17.5, K81.5	VanDrese Farms	Cornell

HYBRID INDEX FOR GRAIN TRIALS

ZONE 1
Tables 1E/1L
Branch
Cass
Wastenaw
Trial Average

BRAND / HYBRID	RM	TABLE
AGRIGOLD		
A6283VT2PRO	101	2E
A6267STXRIB	102	2L
A6300STXRIB	103	2L
A6355STX	105	2L
~A6416STXRIB	107	1E
A6441STX	109	1L
A6462STXRIB	110	1L
A6472VT3PRIB	110	1L
BECK		
5162A3	101	2E
BECK XL		
4721AM™*	97	2E
5234AMX™*	102	2L
5460AM™*	104	1E,2L
5140HR™*	105	1E,2L
5840AM™*	108	1L
5939AM™*	109	1L
5828AM™*	110	1L
BLUE RIVER		
27B16	88	6E
30B97	90	6E
40R73	97	6E
43T35	98	6E
45R37	99	6E
53H36	104	6L
CHANNEL		
191-87STXRIB	91	3E
197-68STXRIB	97	2E
202-52STXRIB	102	2L
205-19STXRIB	105	1E
CROPLAN		
3134SS	91	3E
3611SS/RIB	96	2E,3E
3899VT2P/RIB	96	2E,3E
5369SS/RIB	103	2L
DAIRYLAND SEED		
DS-9791RA	91	3E,4
~DS-9693	93	3E,4
DS-9198	98	2E,3L
DS-9599	99	2E,3L
DS-9701	101	2E,3L
DS-9203	103	2L,3L
DS-9905	105	2L,3L
DS-9805	105	2L,3L
DS-9307RA	107	1E
DS-9508RA	108	1L
DS-9409RA	109	1L

ZONE 2
Tables 2E/2L
Allegan
Ingham
Saginaw
Trial Average

ZONE 3
Tables 3E/3L
Huron
Mason
Montcalm
Trial Average

BRAND / HYBRID	RM	TABLE
DEKALB		
DKC36-30 GENVT2PRIB	86	4
DKC38-03 GENVT2PRIB	88	4
DKC39-27 GENSSRIB	89	4
DKC41-32 GENSSRIB	91	4
DKC43-10 GENVT2PRIB	93	3E,4
DKC44-13 GENSSRIB	94	2E,3E
DKC46-36 GENSSRIB	96	2E,3E
DKC46-79 GENSSRIB	96	2E,3E
DKC48-56 GENSSRIB	98	2E,3L
DKC49-72 GENSSRIB	99	2E,3L
DKC50-82 GENSSRIB	100	1E,2E,3L
DKC52-84 GENSSRIB	102	1E,2L,3L
DKC53-68 GENSSRIB	103	1E,2L
DKC54-38 GENSSRIB	104	1E,2L
DKC55-20 GENSSRIB	105	1E,2L
DKC57-75 GENSSRIB	107	1E
DKC58-06 GENSSRIB	108	1L
DKC60-67 GENSSRIB	110	1L
DKC62-08 GENSSRIB	112	1L
DYNAGRO		
D25VC45	85	4,5
CX15187	87	4,5
D31SS31	91	3E,4
D37VC60	95	3E,4
~D37SS60	97	2E,3E
D39VP14	99	2E,3L
D39VP69	99	2E,3L
~D40SS48	100	2E,3L
D41SS71	101	2E,3L
D43SS50	103	1E,2L,3L
CX15104	104	1E,2L
~D48SS38	108	1L,2L
D51SS54	111	1L
GOLDEN HARVEST		
G84J92-3011A	86	4
G88M78-3011A	88	4
G90Y04-3110A	90	4
G94B95-3110	94	3E
~G95D32-3110	95	3E
G97X48-3111	97	3E
~G01P52-3011A	101	2E
~G05T82-3122	105	2L
G06N80-3111	106	2L
~G07B39-3111A	107	1E
G07F23-3111	107	2L
~G09E98-3000GT	109	1L

ZONE 4
Table 4
Iosco
Grand Traverse - Late
Menominee - Late
Trial Average

ZONE 5
Table 5
Delta
Grand Traverse - Early
Menominee - Early
Trial Average

BRAND / HYBRID	RM	TABLE
GREAT LAKES		
3510VT2RIB	85	5
3847VT2RIB	88	4,5
~4250VT2RIB	92	2E,3E,4,5
4452STX	94	2E,3E,4
~4548STXRIB	95	2E,3E,4
4699	96	6E
4879	98	6E
~4879STXRIB	98	2E,3L
5283	102	6L
~5283STXRIB	102	1E,2L,3L
5470STXRIB	104	1E,2L
5566STX	105	1E,2L
5755	107	6L
~5755STXRIB	107	1E,2L
5918STXRIB	109	1L
5944STXRIB	109	1L
~6068STXRIB	110	1L
KEY		
401	100	6E
305	105	6L
607Q	107	1E
509	109	6L
610QR	110	1L
LEGACY SEEDS		
L-2213 VT2PRO	82	5
L-2314 VT2PRO RIB	84	5
L-2813 VT2PRO RIB	87	4,5
L-2924 VT2PRO	89	4
L-3115 VT2PRO	91	3E
L-3022 GENSS RIB	92	4
L-3423 GENSS RIB	94	3E
L-4014 GENSS	98	2E,3L
L-3845 GENSS	97	2E,3E
~L-4424 GENSS	100	2E,3L
L-4714 GENSS	103	2L
L-6025 GENSS	107	1E
L-6913 GENSS RIB	108	1L
LEGEND		
9587 VT2PRIB	87	4
9688 VT2PRIB	88	4
9492 VT2 Pro RIB	92	3E
JSC 40J592VT2PRIB	92	3E
9495 VT3 Pro RIB	95	3E
JSC 40J595RR	95	3E
9497 GENSS RIB	97	2E
94A01 GTA	100	2E
40J501 RR	101	2E
9503 SSRIB	103	2L

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

BRAND / HYBRID	RM	TABLE
M&W SEEDS		
47J64	94	6E
~47J66	94	2E,3E
46J11	96	2E,3E
46G54	98	6E
46G55	98	2E3,L
~46K79	98	2E,3L
45A37	100	6E
45M34	100	1E,2E
~45A38	101	1E,2E
45K33	101	6E
45M45	103	1E,2L
45M79	103	6L
45M80	103	1E,2L
~45J99	104	1E
44G44	106	6L
44D81	108	1L
44M87	108	6L
MYCOGEN		
2P198	85	5
2J238	88	5
2V357	93	4
2V489	98	3L
2A499	100	2E
X13526VH	103	2L
X13617	107	1E
2Y669	107	1E
NK Brand		
N27P-3110A	90	3E
N33W-3110	94	3E
~N35T-3110	95	3E
N37R-3111	97	3E
~N45P-3011A	101	2E
~N53W-3122	105	2L
N58S-3111	106	2L
~N59B-3111A	107	1E
N60F-3111	107	2L
~N63R-3000GT Brand	109	1L
~N66V-3000GT	110	1L
N70J-3011A	112	1L
NuTech		
5G-9302™	93	4
~5N-195™	95	4
5N-0108™	101	3L
5N-607™	107	2L

BRAND / HYBRID	RM	TABLE
NuTech/G2 GENETICS		
~5X-894™	94	3E,4
~5F-196™	96	2E,3E,4
~5F-198™	98	2E,3L
5F-200™	100	3L
5F-701™	101	2E,3L
5Z-0107™	101	2E,3L
~5H-502™	102	2L,3L
5K-0208™	102	2L,3L
5Z-0305™	103	2L,3L
5Z-504™	104	1E,2L,3L
5X-905™	105	2L
~5H-806™	106	1E,2L
5Z-906™	106	1E,2L
5F-707™	107	1E
~5Z-308™	108	1L,2L
~5F-709™	109	1L
~5F-510™	110	1L
PARTNERS BRAND		
PB6255 VT2P	92	2E
PB7147	101	6E
PB7672 3000GT	106	1E
RENK		
RK299VT2P	89	3E
~RK415VT2P	92	3E
RK522SSTX	94	3E
~RK544SSTX	95	3E
RK568VT3P	95	3E
RK596SSTX	98	2E,3L
RK612SSTX	100	2E
~RK629VT3P	101	2E
RK680SSTX	101	2E
RK666SSTX	102	2L
RK699SSTX	105	1E,2L
~RK712SSTX	106	1E,2L
~RK776SSTX	107	1E
RK791SSTX	108	1L
~RK810SSTX	109	1L
RK871VT2P	111	1L
RUPP		
XRD8202	82	4
XRD90-64	90	4
XRD92-74	92	3E,4
XRA94-16	94	6E
XRD94-26	94	2E,3E
XRT94-06	94	2E,3E
XRD97-56	97	2E,3E
XRA98-58	98	6E
XRD99-30	99	1E,2E
XRA00-14	100	6E
XRA03-91	103	6L
XRD03-71	103	1E,2L
XRJ03-31	103	1E
XRD05-04	105	1E
XRD07-19	107	1E
XRJ07-20	107	1E
XRJ10-91	110	1L

BRAND / HYBRID	RM	TABLE
SEED CONSULTANTS		
SCS 924AMX™	92	2E
SCS 965AM™	96	2E
SCS 1034AM™	103	1E,2L
SCS 10HR43™	104	1E,2L
SCS 1066YHR™	106	1E
SCS 1085AM™	108	1L
SC 10AQ96™	109	1L
SCS 1094AM™	109	1L
SCS 1105AM™	110	1L
SPECIALTY		
24A104	94	2E
28A325	98	2E
29A263	99	1E,2E
32A323	102	1E,2L
34A413	104	1E,2L
35A655	105	1E,2L
38A573	108	1L
STEYER		
9801	98	6E
9802	98	6E
10102	101	6E
10605	106	6L
WELLMAN		
W2401DP	100	1E
W2603DP	103	1E
W2307DP	107	1E
W2408	108	6L
W2409S	109	1L
W2610DP	110	1L

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

2015
SILAGE PERFORMANCE TRIALS

Introduction

The silage index (pg. 33) contains a list of all hybrids planted in the 2015 silage trials.

County results are reported in the following tables:

Tables 7E/7L Zone 1 - Branch, Lenawee (Dropped 2015) and Wood, OH

Tables 8E/8L Zone 2/3 – Ottawa, Huron (Zone 3) and Ingham

Table 9 Zone 4 – Iosco, Menominee (Late dropped 2015), and Osceola

Table 10 Zone 5 – Alger, Delta and Menominee (Early)

The map of Michigan (right) 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. 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 Kemper forage harvester. Electronic scales mounted on the Haldrup weigh system measured plot and subsample weights. Total plot weight was used 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 2014 Near-infrared Spectroscopy (NIRS) equation established for silage quality levels. Results of the six quality traits analyzed are presented in the quality tables. The six quality traits are:

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. High Starch content is desirable.

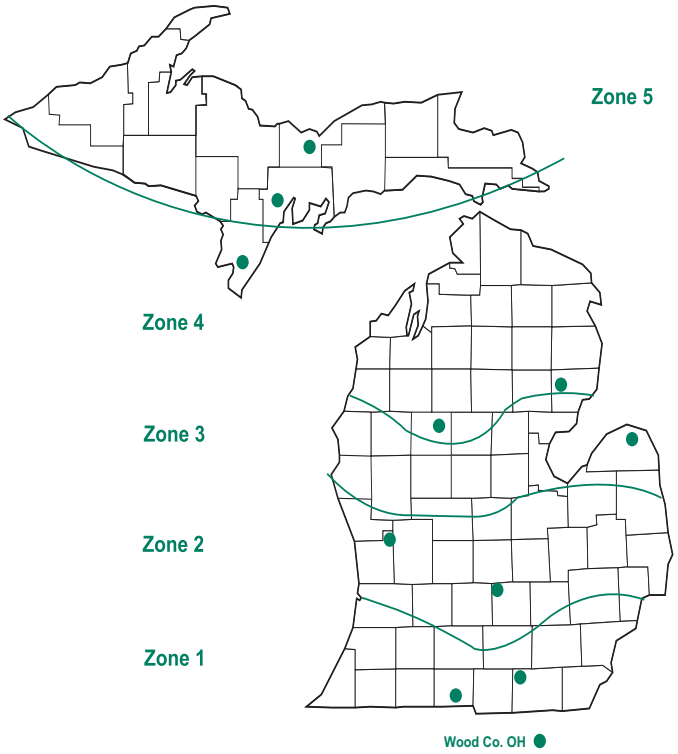
Silage quality traits are reported on a dry matter basis (100 percent DM). Quality traits in these tables are intended for use in hybrid selection only. Analysis for the balancing of feed rations should be analyzed from hybrids grown on each individual farm.

MILK2006

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

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

2015 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 13	Sep 15	Soybeans	35,244	33,922	200-9-3
	LENAWEE	May 14	Sept 14	Soybeans	35,244	34,962	154-9-3 +manure
	WOOD (OHIO)	May 8	Sept 8	Soybeans	34,452	31,834	205-24-0
Zone 2	OTTAWA	May 8	Sep 22	Corn	35,244	32,671	191-9-3 + manure
	INGHAM	May 3	Sep 11	Soybeans	35,244	34,821	154-9-3
	HURON	May 7	Sep 23	Corn	35,244	34,274	110-9-3 +manure
Zone 4	IOSCO	May 20	Sep 28	Alfalfa	35,244	34,503	154-9-3
	OSCEOLA	May 13	Oct 2	Corn	35,244	31,825	154-9-3 + manure
	MENOMINEE Zone 5 only	May 21	Sep 30	Sod	35,244	34,609	139-9-3 +manure
Z5	ALGER	May 22	Sep 29	Soybeans	35,244	25,657	139-9-3
	DELTA	May 21	Sep 30	Corn	35,244	34,539	139-9-3 +manure

	COUNTY	SOIL TYPE	SOIL TEST	FARM COOPERATOR	LOCATION
Zone 1	BRANCH	Oshetemo sandy loam 0-6% Slopes	pH6.2,P109.5, K107.5	Kyle Huff	Coldwater
	LENAWEE	Blount loam 2-6% Slopes	pH7.25, P135 K257	Bakerland Farms Blaine Baker	Clayton
	WOOD (OHIO)	Hoytville silt clay loam 0-1%	pH5.8 , P114, K435	OARDC Matt Davis	Hoytville, Ohio
Zone 2	OTTAWA	Ubly sandy loam 2-6% Slopes	pH 6.8, P95.5, K200	Eadie Farms Arden Eadie	Conklin
	INGHAM	Capac loam 0-3%	pH6.5, P55.2, K161.25	Crop & Soil Sciences Research Facility, MSU	East Lansing
	HURON	Kilmanagh loam	pH6.65,P89.5, K 194	Wil-Le Farms Ron & Ed McCrea	Bad Axe
Zone 4	IOSCO	Kawkawlin sandy loam 0-4% Slopes	pH6.4, P26.5, K73.5	Jeremy Beebe	Whittemore
	OSCEOLA	Montcalm loamy sand & Menominee loamy sand 0-6% Slopes	pH6, P67, K120	Robert E. Lee	Marion
	MENOMINEE	Onaway-Ossineke fine sandy loam 0-3% slopes	pH7.7, P17, K51	Johnson Dairy Farm Dave Johnson	Daggett
Zone 5	ALGER	Eben very cobbly snady loam 1-6%	pH7.4, P59, K64.5	AgBio Research Station Chris Kapp	Chatham
	DELTA	Trenary fine sandy loam 2-6% Slopes	pH6.8, P17.5, K 81.5	VanDrese Farms	Cornell

SILAGE HYBRID INDEX

ZONE 1 - Tables 7E/7L
Branch
Lenawee
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
CROPLAN		
4099SS/RIB	99	8E
5415SS/RIB	104	8E
6065SS/RIB	110	8L
DAIRYLAND SEED		
Hi DF-3188-6	88	9
Hi DF-3290-9	90	9
~DS-9693	93	8E,9
Hi DF-3197-7	97	8E,9
Hi DF-3099-9	99	8E,9
Hi DF-3700SSX	100	8E,9
Hi DF-3702-9	102	8E,9
Hi DF-3605-9	105	7E,8L
Hi DF-3108RA	108	7E,8L
Hi DF-3808SSX	108	7E,8L
Hi DF-3510SSX	110	7E,8L
DYNAGRO		
~D37SS60	97	9
~D40SS48	100	8E
~D48SS38	108	8L
D50SS43	110	7E,8L
GOLDEN HARVEST		
G92T43-3111	92	9
~G95D32-3110	95	9
~G01P52-3011A	101	9
~G05T82-3122	105	8L
~G07B39-3111A	107	8L
G07V88-3000GT	107	8L
~G09E98-3000GT	109	7E
G10T63-3000GT	110	7E
GREAT LAKES		
~4250VT2RIB	92	10
~4548STXRIB	95	9,10
~4879STXRIB	98	9,10
~5283STXRIB	102	8E,9
~5755STXRIB	107	7E,8L
~6068STXRIB	110	7E,8L
6185STXRIB	111	7L
6261STX	112	7L

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

BRAND / HYBRID	RM	TABLE
LEGACY SEEDS		
~L-4424 GENSS	100	8E
L-5350 3122 E-Z REFUGE	104	8E
L-7253 3000GT	112	8L
M&W SEEDS		
~47J66	94	7E,8E
~46K79	98	7E,8E
~45A38	101	7E,8E
~45J99	104	7E,8E
MASTERS CHOICE		
MCT-4881	98	9
MCT-5371	103	8E
MCT-527GT	105	9
MCT-5661	106	7E
MCT-6153	111	7L
NK Brand		
N29T-3111 Brand	92	9
~N35T-3110	95	9
~N45P-3011A	101	9
~N53W-3122	105	8L
~N59B-3111A	107	8L
N61P-3000GT Brand	107	8L
~N63R-3000GT Brand	109	7E
~N66V-3000GT	110	7E
NuTech		
5N-290™	90	10
~5N-195™	95	9,10
5N-803™	101	9
5N-406™	105	9
NuTech/G2 GENETICS		
~5X-894™	94	10
~5F-196™	96	10
~5F-198™	98	9,10
~5H-502™	102	8E,9,10
~5H-806™	106	8L
~5Z-308™	108	8L
~5F-709™	109	8L
~5F-510™	110	7E
5F-811™	110	7E
5F-713™	113	7L
5F-814™	114	7L
5Z-015™	115	7L

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

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

BRAND / HYBRID	RM	TABLE
PIONEER		
P9789AMXT	95	9,10
P0238XR	102	9,10
P0242AMXT	104	8E,9
P0496AMX	106	8L,9
P0677XR	106	8L
P0506AM	107	8L
P0921AMXT	109	7E,8L
P1180XR	111	7L,8L
P0825AMXT	113	7L
P1197AMXT	114	7L
P1449XR	114	7L
RENK		
~RK415VT2P	92	8E
~RK544SSTX	95	8E
RK565GTCBLLRWBL	99	8E
~RK629VT3P	101	8E
~RK712SSTX	106	8L
~RK776SSTX	107	8L
~RK810SSTX	109	8L
SEED CONSULTANTS		
SCS 1125AM™	113	7L
SCS 11HR21™	113	7L
STEYER		
9203 VT2PRORIBC	92	8E
9801 GT	98	8E
10102 VT2PRORIBC	101	8E
10404 VIP3122	105	8L
11103 VT2PRORIBC	111	8L
T. A. SEEDS		
TA583-22DPRIB	108	7E
TA616-13VPND	110	7E
WELLMAN		
W2513DP	113	7L
W2613DP	113	7L
WOLF RIVER VALLEY		
3685FL	85	9
3396FLRR	95	9

~ 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

2015				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	37.8	21.1	7.9	92	81.3	21.1	38.6	51.6	5.6	39.5	3240	23547	35.1	24.1	8.4	92	80.6	21.7	38.8	50.1	5.6	37.7	3164	24526
DAIRYLAND SEED Hi DF-3108RA	108	C250	1,2,3,4,6	39.1	21.7	8.5 *	98	81.1	20.7	40.4	53.3	5.4	38.3	3240	26399	38.6	23.3	9.0 *	100	80.3	21.8	41.0	51.9	5.6	35.6	3177	28541
DAIRYLAND SEED Hi DF-3510SSX	110	C250	1,2,3,4,6	34.5	24.0	8.3 *	98	79.9	23.1	43.3	53.8	5.3	34.1	3144	26027	33.6	24.3	8.2	100	79.5	24.3	44.5	54.1	5.4	32.1	3096	25218
DAIRYLAND SEED Hi DF-3605-9	105	C500	1,2,3,4,6	42.1	20.0	8.3 *	93	79.2	21.3	39.9	47.9	5.8	39.6	3132	25992	40.2	21.2	8.5	97	77.4	23.3	42.5	46.8	5.7	36.7	2998	26610
DAIRYLAND SEED Hi DF-3808SSX	108	C1250	1,2,3,4,6	39.1	21.5	8.4 *	94	82.0	20.3	39.8	54.7	5.3	38.7	3294	29096	37.1	23.0	8.6 *	95	80.2	22.5	43.1	53.9	5.5	35.0	3148	28779
DYNAGRO D50SS43	110	P500	1,2,3,4,6	40.9	20.6	8.4 *	96	81.7	20.3	39.0	53.0	5.7	40.2	3285	26877	41.2	23.4	9.6 **	100	82.5	18.7	36.9	52.5	5.9	42.2	3343	32136
GOLDEN HARVEST G09E98-3000(	109	C500	1,2,3,4	42.7	21.2	9.0 **	99	83.1	18.1	36.0	53.1	5.9	43.2	3396	29772	40.1	23.5	9.4 *	100	82.8	17.9	36.7	53.0	6.2	42.0	3362	30085
GOLDEN HARVEST G10T63-3000(	110	C250	1,2,3,4	43.2	19.9	8.5 *	93	81.6	19.3	37.3	50.6	5.5	42.2	3299	28102	41.0	21.7	8.9 *	95	80.7	20.8	39.7	51.2	5.4	39.1	3213	28450
GREAT LAKES 5755STXRIB	107	P500	1,2,3,6	41.9	20.1	8.4 *	94	82.4	20.1	37.6	53.3	5.8	43.1	3342	29057	39.7	22.1	8.8 *	97	81.0	22.8	40.5	53.1	5.8	40.7	3223	30465
GREAT LAKES 6068STXRIB	110	P500	1,2,3,6	41.7	19.6	8.1	98	81.5	19.5	39.9	53.5	5.5	39.5	3265	27142	39.0	21.3	8.3	100	80.7	20.8	42.0	53.9	5.7	38.1	3185	26400
M&W SEEDS 45A38	101	P250	1,2,3,4,6	50.5	16.7	8.4 *	91	83.5	17.1	34.4	51.9	5.8	45.6	3431	29614	49.1	18.2	9.0 *	93	83.2	16.5	33.6	49.8	5.8	46.3	3413	31955
M&W SEEDS 45J99	104	P250	1,2	44.1	16.6	7.3	91	80.3	20.5	40.3	51.1	6.1	38.9	3193	22549	40.1	17.8	7.2	91	79.7	20.2	39.8	49.2	6.3	39.3	3156	20951
M&W SEEDS 46K79	98	P250	1,2,4,6	51.6	14.5	7.4	90	84.0	18.5	36.4	56.1	6.2	44.2	3441	25556	51.0	16.0	8.2	95	83.1	20.3	39.5	57.0	5.9	42.0	3348	27355
M&W SEEDS 47J66	94	P250	1,2	53.3	15.4	8.3 *	97	82.8	17.2	35.4	51.3	6.0	45.1	3379	27593	51.3	15.2	7.8	97	81.6	18.4	36.4	49.6	5.9	44.1	3298	25853
MASTERS CHOICE MCT-5661	106	C250	1	44.6	19.7	8.7 *	90	82.1	20.1	37.6	52.3	5.7	41.7	3320	28947	41.8	21.3	8.9 *	92	81.4	21.6	39.2	52.4	5.5	39.6	3257	29051
NK Brand N63R-3000GT Brand	109	C500	1,2,3,4	41.3	20.9	8.6 *	97	82.1	19.2	37.9	52.6	5.6	42.1	3317	29525	39.0	22.7	8.8 *	97	81.6	19.2	39.0	52.9	5.7	41.2	3273	30062
NK Brand N66V-3000GT	110	C500	1,2,3,4	42.1	20.1	8.3 *	95	81.9	18.8	37.2	51.5	5.5	41.4	3295	27910	38.7	23.5	9.1 *	100	79.7	21.6	40.6	49.9	5.6	35.8	3108	28202
NuTech/G2 GENETICS 5F-510™	110	P500	1,2,4,6	41.2	19.4	8.2	96	83.8	16.9	35.1	53.9	5.6	42.8	3445	28800	41.4	21.0	9.0 *	100	82.8	17.6	35.4	51.4	5.9	42.6	3372	29214
NuTech/G2 GENETICS 5F-811™	110	P500	1,2,4	39.7	21.8	8.6 *	94	81.9	19.9	38.0	52.3	5.6	40.4	3307	28282	37.9	24.1	9.1 *	100	81.0	20.4	39.4	51.6	5.6	38.5	3234	30718
PIONEER P0921AMXT	109	C250	1,2,3,4,6	36.2	22.1	7.9	97	82.2	19.1	36.5	51.3	5.6	41.4	3340	27201	34.1	23.2	7.9	97	81.2	18.8	36.6	48.6	5.7	40.9	3272	27416
T. A. SEEDS TA583-22DPRIB	108	C250	1,2	42.9	19.5	8.4 *	91	82.2	17.7	35.0	49.1	6.1	43.5	3352	27561	42.9	22.1	9.5 *	98	82.7	16.3	33.0	47.4	6.5	44.3	3388	30586
T. A. SEEDS TA616-13VPND	110	C250	1,2,3	41.2	20.3	8.4 *	94	81.8	17.0	36.4	48.5	6.2	44.5	3310	29488	40.6	21.9	8.8 *	94	82.2	15.4	32.7	45.5	6.4	46.1	3359	33049
AVERAGE				42.3	19.8	8.3	94.4	81.9	19.3	37.8	52.1	5.7	41.4	3308	27502	40.6	21.6	8.7	96.9	81.2	20.0	38.7	51.2	5.8	40.0	3245	28437
HIGHEST				53.3	24.0	9.0	98.9	84.0	23.1	43.3	56.1	6.2	45.6	3445	29772	51.3	24.3	9.6	100.0	83.2	24.3	44.5	57.0	6.5	46.3	3413	33049
LOWEST				34.5	14.5	7.3	89.8	79.2	16.9	34.4	47.9	5.3	34.1	3132	22549	33.6	15.2	7.2	91.0	77.4	15.4	32.7	45.5	5.4	32.1	2998	20951
CV (%)				6.4	6.7	9.5	4.6	2.4	9.6	7.7	6.9	6.9	7.5	4	7	7.9	6.8	10.0	4.7	2.7	10.1	7.5	8.9	7.1	7.7	5	8
LSD (5%)				2.2	1.1	0.7	3.6	1.6	1.5	2.4	3.0	0.3	2.6	111	1649	3.8	1.7	1.0	5.4	2.6	2.4	3.4	5.4	0.5	3.7	177	2684

2 Year Averages 2015 - 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	40.1	23.6	9.3	94	81.4	20.9	39.0	52.3	6.0	39.4	3254	29362	36.9	28.3	10.4 *	96	80.4	21.8	39.9	50.9	6.3	37.2	3165	31885
DAIRYLAND SEED Hi DF-3108RA	108	C250	1,2,3,4,6	38.6	24.8	9.5	97	80.4	21.5	41.5	52.8	5.6	37.2	3190	29612	36.9	28.9	10.6 *	100	79.4	22.3	41.7	50.7	5.9	35.1	3119	32858
DAIRYLAND SEED Hi DF-3510SSX	110	C250	1,2,3,4,6	35.6	26.5	9.3	95	80.5	23.0	42.8	54.4	5.8	33.9	3170	29464	33.5	30.5	10.2 *	100	79.6	24.1	44.2	53.9	6.1	32.0	3103	31004
DYNAGRO D50SS43	110	P500	1,2,3,4,6	40.7	23.4	9.4	96	81.3	20.0	38.7	51.5	6.1	39.9	3263	30802	39.2	27.6	10.7 *	100	81.5	19.7	38.3	51.6	6.4	39.7	3268	34863
GOLDEN HARVEST G09E98-3000(	109	C500	1,2,3,4	41.9	24.2	10.0 **	97	83.2	18.2	36.0	53.1	6.2	43.0	3399	33738	39.0	28.0	10.9 **	98	82.9	17.2	35.3	51.3	6.7	42.8	3377	36930
GREAT LAKES 5755STXRIB	107	P500	1,2,3,6	43.0	22.0	9.4	93	82.6	19.6	37.4	53.4	6.2	42.5	3351	31259	39.9	26.0	10.4 *	97	82.0	21.3	39.4	54.3	6.5	40.0	3284	34075
GREAT LAKES 6068STXRIB	110	P500	1,2,3,6	41.8	23.4	9.6 *	96	81.0	20.4	40.2	52.7	5.9	37.9	3234	31256	38.1	27.8	10.6 *	99	79.9	21.2	41.6	51.6	6.4	35.9	3146	33114
NK Brand N63R-3000GT Brand	109	C500	1,2,3,4	40.4	23.5	9.3	95	82.2	20.3	38.5	53.9	6.1	40.8	3321	30839	37.4	27.0	10.0	98	81.7	20.0	39.2	53.4	6.6	40.4	3272	31979
NuTech/G2 GENETICS 5F-811™	110	P500	1,2,4	40.8	24.4	9.9 *	92	82.1	19.9	37.7	52.3	6.2	40.8	3313	32154	38.0	28.4	10.9 **	99	81.8	19.5	36.5	49.9	6.6	39.9	3289	35212
T. A. SEEDS TA583-22DPRIB	108	C250	1,2	43.2	22.0	9.5	91	82.3	17.5	34.9	49.2	6.5	43.7	3359	31788	41.8	26.2	10.9 **	99	82.7	16.0	32.9	47.4	7.0	44.5	3385	36702
AVERAGE				40.6	23.8	9.5	94.4	81.7	20.1	38.7	52.5	6.0	39.9	3286	31027	38.1	27.9	10.6	98.7	81.2	20.3	38.9	51.5	6.4	38.7	3241	33862
HIGHEST				43.2	26.5	10.0	96.7	83.2	23.0	42.8	54.4	6.5	43.7	3399	33738	41.8	30.5	10.9	100.0	82.9	24.1	44.2	54.3	7.0	44.5	3385	36930
LOWEST				35.6	22.0	9.3	91.1	80.4	17.5	34.9	49.2	5.6	33.9	3170	29362	33.5	26.0	10.0	96.2	79.4	16.0	32.9	47.4	5.9	32.0	3103	31004
CV (%)				5.6	6.8	8.5	4.6	2.2	8.9	7.2	6.8	6.7	7.8	4	7	6.8	6.9	9.3	5.1	2.5	9.1	6.8	8.7	6.8	7.8	4	7
LSD (5%)				1.2	0.8	0.4	2.3	1.0	0.9	1.5	1.9	0.2	1.6	68	1081	2.2	1.4	0.8	4.1	1.7	1.5	2.2	3.7	0.4	2.6	114	1965

2015				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												40.4	18.0	7.3	91	82.0	20.4	38.4	53.0	5.6	41.3	3317	22569
DAIRYLAND SEED Hi DF-3108RA	108	C250	1,2,3,4,6												39.5	20.0	8.0 *	95	82.0	19.7	39.8	54.7	5.2	41.1	3303	24258
DAIRYLAND SEED Hi DF-3510SSX	110	C250	1,2,3,4,6												35.4	23.8	8.4 *	96	80.4	22.0	42.1	53.5	5.3	36.1	3191	26836
DAIRYLAND SEED Hi DF-3605-9	105	C500	1,2,3,4,6												43.9	18.7	8.2 *	88	80.9	19.2	37.3	48.9	5.9	42.5	3265	25374
DAIRYLAND SEED Hi DF-3808SSX	108	C1250	1,2,3,4,6												41.1	20.0	8.2 *	93	83.8	18.1	36.5	55.4	5.2	42.5	3440	29414
DYNAGRO D50SS43	110	P500	1,2,3,4,6												40.6	17.8	7.1	93	80.9	21.9	41.2	53.6	5.4	38.2	3228	21618
GOLDEN HARVEST G09E98-3000(	109	C500	1,2,3,4												45.3	19.0	8.6 *	98	83.4	18.3	35.4	53.3	5.6	44.4	3429	29460
GOLDEN HARVEST G10T63-3000(	110	C250	1,2,3,4												45.3	18.1	8.2 *	92	82.6	17.8	34.9	50.0	5.6	45.4	3384	27755
GREAT LAKES 5755STXRIB	107	P500	1,2,3,6												44.2	18.1	8.0 *	91	83.9	17.4	34.7	53.4	5.9	45.6	3460	27650
GREAT LAKES 6068STXRIB	110	P500	1,2,3,6												44.4	17.9	8.0 *	96	82.4	18.2	37.8	53.2	5.3	40.9	3345	27885
M&W SEEDS 45A38	101	P250	1,2,3,4,6												51.9	15.3	7.9 *	89	83.8	17.6	35.3	54.0	5.9	44.9	3449	27273
M&W SEEDS 45J99	104	P250	1,2												48.0	15.5	7.5	91	80.9	20.7	40.8	53.0	5.9	38.6	3230	24148
M&W SEEDS 46K79	98	P250	1,2,4,6												52.1	12.9	6.7	86	85.0	16.8	33.4	55.1	6.6	46.5	3535	23757
M&W SEEDS 47J66	94	P250	1,2												55.2	15.7	8.7 **	97	83.9	16.0	34.4	53.0	6.1	46.0	3461	29333
MASTERS CHOICE MCT-5661	106	C250	1												47.3	18.0	8.5 *	87	82.8	18.7	36.0	52.1	5.8	43.9	3382	28843
NK Brand N63R-3000GT Brand	109	C500	1,2,3,4												43.6	19.2	8.4 *	96	82.5	19.3	36.7	52.2	5.5	43.1	3362	28988
NK Brand N66V-3000GT	110	C500	1,2,3,4												45.4	16.6	7.5	90	84.1	15.9	33.8	53.0	5.5	46.9	3483	27618
NuTech/G2 GENETICS 5F-510™	110	P500	1,2,4,6												40.9	17.9	7.5	92	84.9	16.2	34.8	56.5	5.3	43.0	3519	28386
NuTech/G2 GENETICS 5F-811™	110	P500	1,2,4												41.6	19.5	8.1 *	87	82.8	19.4	36.6	53.0	5.7	42.2	3380	25845
PIONEER P0921AMXT	109	C250	1,2,3,4,6												38.2	21.1	7.9 *	96	83.3	19.5	36.5	54.1	5.4	42.0	3409	26987
T. A. SEEDS TA583-22DPRIB	108	C250	1,2												43.0	16.9	7.4	85	81.8	19.1	37.1	50.9	5.7	42.6	3315	24536
T. A. SEEDS TA616-13VPND	110	C250	1,2,3												41.8	18.8	8.0 *	94	81.3	18.6	40.2	51.5	6.1	43.0	3260	25927
AVERAGE															44.1	18.1	7.9	92.0	82.7	18.7	37.0	53.1	5.6	42.7	3370	26566
HIGHEST															55.2	23.8	8.7	97.7	85.0	22.0	42.1	56.5	6.6	46.9	3535	29460
LOWEST															35.4	12.9	6.7	84.5	80.4	15.9	33.4	48.9	5.2	36.1	3191	21618
CV (%)															4.8	6.8	9.4	4.7	1.9	8.8	8.0	4.2	6.6	7.3	3	7
LSD (5%)															2.5	1.5	0.9	5.1	1.9	2.0	3.5	2.6	0.4	3.7	136	2254

2 Year Averages 2015 - 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												43.3	19.0	8.3	91	82.4	20.0	38.1	53.7	5.7	41.6	3344	26840
DAIRYLAND SEED Hi DF-3108RA	108	C250	1,2,3,4,6												40.4	20.7	8.4	94	81.4	20.8	41.2	54.8	5.2	39.2	3261	26366
DAIRYLAND SEED Hi DF-3510SSX	110	C250	1,2,3,4,6												37.7	22.5	8.5	91	81.3	21.9	41.3	54.8	5.4	35.8	3238	27923
DYNAGRO D50SS43	110	P500	1,2,3,4,6												42.2	19.3	8.1	92	81.1	20.4	39.1	51.3	5.8	40.1	3259	26741
GOLDEN HARVEST G09E98-3000(	109	C500	1,2,3,4												44.9	20.3	9.1 **	95	83.5	19.3	36.6	54.8	5.8	43.3	3421	30547
GREAT LAKES 5755STXRIB	107	P500	1,2,3,6												46.1	18.1	8.3	89	83.2	17.9	35.3	52.5	5.9	45.0	3419	28444
GREAT LAKES 6068STXRIB	110	P500	1,2,3,6												45.4	19.1	8.7 *	92	82.1	19.6	38.9	53.8	5.4	40.0	3321	29398
NK Brand N63R-3000GT Brand	109	C500	1,2,3,4												43.5	20.0	8.7 *	92	82.7	20.7	37.8	54.3	5.6	41.3	3369	29700
NuTech/G2 GENETICS 5F-811™	110	P500	1,2,4												43.7	20.5	9.0 *	84	82.4	20.4	38.9	54.6	5.8	41.8	3337	29097
T. A. SEEDS TA583-22DPRIB	108	C250	1,2												44.6	17.8	8.1	84	82.0	18.9	36.8	51.0	5.9	42.9	3334	26873
AVERAGE															43.2	19.7	8.5	90.2	82.2	20.0	38.4	53.6	5.7	41.1	3330	28193
HIGHEST															46.1	22.5	9.1	94.8	83.5	21.9	41.3	54.8	5.9	45.0	3421	30547
LOWEST															37.7	17.8	8.1	83.5	81.1	17.9	35.3	51.0	5.2	35.8	3238	26366
CV (%)															4.8	5.6	7.6	5.0	2.0	9.0	7.7	5.2	6.7	7.4	3	7
LSD (5%)															1.8	0.9	0.5	3.8	1.3	1.4	2.4	2.3	0.3	2.6	94	1567

** 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

2015				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	43.4	17.0	7.4	92	82.3	18.0	36.3	51.3	6.3	41.4	3347	24592	41.9	19.1	8.0	88	79.1	20.6	39.2	46.6	5.7	39.7	3135	26523
AGRIGOLD A6559STXRIB	113	P500	1,2,3,4,6	43.1	19.0	8.4 *	95	82.2	18.9	37.9	52.9	6.3	40.2	3341	27670	38.9	22.6	9.4	97	80.6	20.6	39.9	51.2	5.8	38.1	3214	30267
GREAT LAKES 6185STXRIB	111	P500	1,2,3,6	43.2	18.7	8.1 *	92	83.8	16.9	34.8	53.5	5.6	43.5	3467	29336	40.4	20.6	8.1	89	82.5	17.4	35.3	50.4	5.5	42.2	3369	28950
GREAT LAKES 6261STX	112	P500	1,2,3,6	43.7	19.6	8.7 **	95	82.3	18.5	36.9	51.9	5.9	41.1	3358	29156	44.0	21.1	9.6 *	96	82.1	17.3	35.0	48.9	5.6	42.9	3349	33394
MASTERS CHOICE MCT-6153	111	C250	1	44.6	18.0	8.0	92	82.0	19.9	38.9	53.8	6.0	40.9	3324	26778	42.8	21.1	9.1	93	79.8	22.5	41.9	51.7	5.6	37.6	3150	29872
NuTech/G2 GENETICS 5F-713™	113	P500	1,2,4,6	40.5	18.8	7.6	91	83.2	18.3	36.9	54.6	6.3	40.8	3410	26414	39.0	22.1	8.6	93	81.9	19.8	38.2	52.7	5.8	39.4	3309	30350
NuTech/G2 GENETICS 5F-814™	114	P500	1,2,4,6	42.4	18.7	8.0	95	84.0	18.0	36.5	56.2	6.0	41.6	3461	27601	42.9	20.2	8.8	99	82.7	19.7	38.2	54.6	5.6	40.2	3351	30846
NuTech/G2 GENETICS 5Z-015™	115	P500	1,2,4,6	40.1	18.4	7.4	94	83.7	18.1	36.5	55.1	6.4	40.6	3436	25167	38.4	21.5	8.2	97	81.8	20.6	39.5	54.0	5.7	37.8	3290	27123
PIONEER P0825AMXT	113	C250	1,2,3,4,6,7	39.2	15.6	6.0	91	84.6	18.4	36.1	57.4	6.1	40.6	3498	20997	39.8	20.0	8.0	90	82.9	20.6	39.2	56.4	5.4	38.0	3355	26682
PIONEER P1180XR	111	C250	1,2,3,4,6	42.6	17.8	7.4	97	86.5	16.1	34.5	60.9	6.9	43.2	3622	27541	40.2	19.0	7.2	99	85.4	16.4	34.3	57.5	6.6	43.8	3546	25582
PIONEER P1197AMXT	114	C250	1,2,3,4,6	41.6	19.1	8.0	96	84.1	17.6	36.0	55.9	6.1	42.3	3470	28374	40.6	22.6	9.4	99	81.8	20.0	40.7	55.4	5.5	37.7	3277	33245
PIONEER P1449XR	114	C250	1,2,3,4,6,7	40.5	19.2	7.9	98	85.6	18.5	38.4	62.4	6.4	37.3	3527	26379	38.4	20.8	8.0	100	83.8	19.8	40.4	60.0	6.2	35.0	3388	27027
SEED CONSULTANTS SCS 1125AI	113	P500	1,2,4	39.1	20.9	8.2 *	96	83.1	17.3	34.5	51.0	6.2	43.3	3421	28412	37.7	25.7	9.3	96	82.0	18.1	35.1	48.6	5.8	43.1	3338	31006
SEED CONSULTANTS SCS 11HR2	113	P1250	1,2,4	41.3	20.0	8.3 *	94	81.5	21.4	40.2	54.0	6.0	37.7	3281	27182	39.9	22.2	9.0	97	79.5	23.0	42.7	51.9	5.6	34.7	3125	26735
WELLMAN W2513DP	113	ENC	1,2	41.2	17.2	7.3	94	81.0	19.8	39.5	51.8	6.1	35.6	3247	23977	41.1	24.0	10.5 **	99	78.5	21.4	40.8	47.3	5.5	33.1	3129	32330
WELLMAN W2613DP	113	ENC	1,2	45.0	19.1	8.6 *	94	81.6	19.1	37.8	51.3	6.0	40.9	3311	28648	43.0	21.4	9.0	98	80.6	20.6	39.5	50.8	5.5	39.2	3219	28940
AVERAGE				42.0	18.6	7.8	94.1	83.2	18.4	37.0	54.6	6.1	40.7	3408	26764	40.6	21.5	8.8	95.7	81.6	19.9	38.7	52.4	5.7	38.9	3284	29305
HIGHEST				45.0	20.9	8.7	97.8	86.5	21.4	40.2	62.4	6.9	43.5	3622	29336	44.0	25.7	10.5	100.0	85.4	23.0	42.7	60.0	6.6	43.8	3546	33394
LOWEST				39.1	15.6	6.0	91.3	81.0	16.1	34.5	51.0	5.6	35.6	3247	20997	37.7	19.0	7.2	88.2	78.5	16.4	34.3	46.6	5.4	33.1	3125	25582
CV (%)				6.5	8.1	11.1	5.6	2.0	8.8	6.6	6.1	5.6	7.5	3	7	7.4	6.9	9.8	7.4	2.5	7.7	5.7	8.3	6.4	7.6	4	8
LSD (5%)				1.9	1.0	0.6	3.6	1.1	1.1	1.7	2.3	0.2	2.1	76	1266	3.6	1.8	1.0	8.4	2.4	1.8	2.6	5.2	0.4	3.5	150	2668

2 Year Averages 2015 - 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	43.2	19.3	8.3	95	82.0	19.3	37.8	52.4	6.3	40.1	3330	27582	43.0	20.8	9.0	94	80.2	20.1	38.8	49.1	5.8	40.5	3207	29559
AGRIGOLD A6559STXRIB	113	P500	1,2,3,4,6	41.6	21.8	9.1	96	81.5	19.7	39.6	53.3	6.2	38.1	3282	29652	40.4	24.4	10.2 *	99	79.8	20.6	41.5	51.1	5.5	37.9	3159	32099
GREAT LAKES 6261STX	112	P500	1,2,3,6	42.5	22.4	9.5 *	96	81.9	19.8	38.9	53.2	5.9	39.2	3319	31334	43.5	24.2	10.7 **	98	82.0	18.5	36.9	51.0	5.4	41.3	3327	36103
MASTERS CHOICE MCT-6153	111	C250	1	42.8	20.6	8.7	90	82.4	19.8	38.7	54.6	6.1	40.2	3350	29025	43.8	22.9	10.1 *	94	80.9	20.8	39.7	52.0	5.6	40.7	3242	33352
PIONEER P1180XR	111	C250	1,2,3,4,6	42.6	19.6	8.2	95	87.0	17.1	35.7	63.5	7.3	42.0	3639	30059	45.5	19.5	8.7	98	86.7	16.6	35.1	61.9	7.5	45.8	3606	31396
PIONEER P1449XR	114	C250	1,2,3,4,6,7	40.3	21.5	8.5	97	85.9	18.9	38.6	63.4	6.5	36.5	3518	30398	41.6	21.0	8.7	98	84.9	19.0	39.0	61.4	6.3	38.0	3469	32277
SEED CONSULTANTS SCS 11HR2	113	P1250	1,2,4	41.9	23.1	9.6 **	95	81.3	21.5	40.8	54.1	6.1	36.7	3267	31474	43.9	24.2	10.7 **	98	79.9	22.2	41.7	51.7	5.6	37.0	3162	33331
AVERAGE				42.1	21.2	8.8	94.8	83.2	19.4	38.6	56.4	6.3	39.0	3386	29932	43.1	22.4	9.7	97.0	82.1	19.7	38.9	54.0	6.0	40.2	3310	32588
HIGHEST				43.2	23.1	9.6	97.2	87.0	21.5	40.8	63.5	7.3	42.0	3639	31474	45.5	24.4	10.7	98.6	86.7	22.2	41.7	61.9	7.5	45.8	3606	36103
LOWEST				40.3	19.3	8.2	89.6	81.3	17.1	35.7	52.4	5.9	36.5	3267	27582	40.4	19.5	8.7	94.1	79.8	16.6	35.1	49.1	5.4	37.0	3159	29559
CV (%)				6.0	8.5	10.5	5.1	1.9	9.2	6.8	5.6	7.0	7.6	3	7	6.5	8.4	10.4	5.6	2.1	9.0	6.4	6.3	9.1	7.6	3	8
LSD (5%)				1.2	0.8	0.4	2.3	0.8	0.8	1.2	1.5	0.2	1.4	53	961	2.3	1.5	0.8	4.5	1.4	1.5	2.1	2.8	0.4	2.5	92	2022

2015				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	45.5	16.1	7.5	100	84.7	16.9	34.9	56.1	7.5	41.7	3514	26380	42.7	15.9	6.8 *	88	83.1	16.7	34.7	51.3	5.7	42.8	3392	20872
AGRIGOLD A6559STXRIB	113	P500	1,2,3,4,6	48.3	19.3	9.3 *	100	83.3	16.8	35.0	52.2	7.7	42.9	3430	31976	42.3	15.2	6.5	87	82.7	19.5	38.7	55.2	5.3	39.5	3379	20766
GREAT LAKES 6185STXRIB	111	P500	1,2,3,6	47.3	18.8	8.8 *	99	85.1	15.7	33.2	54.9	6.8	45.0	3553	33458	41.8	16.7	7.2 *	89	83.9	17.7	35.8	55.1	4.6	43.2	3479	25599
GREAT LAKES 6261STX	112	P500	1,2,3,6	43.0	22.1	9.6 *	100	82.3	19.1	38.1	53.6	6.8	39.6	3351	32187	44.1	15.5	7.0 *	90	82.4	19.0	37.6	53.2	5.3	40.7	3375	21887
MASTERS CHOICE MCT-6153	111	C250	1	47.3	17.4	8.2	100	83.3	19.0	37.9	55.8	7.2	40.9	3408	27970	43.6	15.6	6.8 *	82	83.0	18.2	36.9	54.0	5.3	44.1	3414	22491
NuTech/G2 GENETICS 5F-713™	113	P500	1,2,4,6	42.4	16.8	6.9	97	82.2	19.1	39.4	54.9	7.7	37.2	3332	23053	40.3	17.6	7.2 *	85	85.5	16.2	33.2	56.2	5.5	45.8	3588	25840
NuTech/G2 GENETICS 5F-814™	114	P500	1,2,4,6	43.9	19.6	8.6	100	85.5	16.1	33.6	56.7	7.1	43.7	3571	28537	40.3	16.2	6.5	85	84.0	18.2	37.5	57.2	5.5	40.9	3462	23419
NuTech/G2 GENETICS 5Z-015™	115	P500	1,2,4,6	44.6	19.0	8.5	99	84.5	15.0	32.6	52.3	7.9	44.5	3517	29717	37.3	14.9	5.4	86	84.7	18.7	37.5	59.0	5.5	39.5	3502	18660
PIONEER P0825AMXT	113	C250	1,2,3,4,6,7	40.2	12.2	4.8	100	85.9	16.8	34.0	58.5	7.3	41.3	3592	17356	37.6	14.5	5.3	84	85.1	17.9	35.2	57.5	5.6	42.5	3546	18952
PIONEER P1180XR	111	C250	1,2,3,4,6	45.7	17.7	7.8	99	87.1	16.4	34.6	62.7	8.1	42.4	3655	28678	41.9	16.9	7.3 **	92	87.1	15.7	34.5	62.4	6.1	43.5	3665	28364
PIONEER P1197AMXT	114	C250	1,2,3,4,6	46.2	18.5	8.5	100	85.7	15.2	31.6	54.7	7.4	46.7	3600	30551	37.9	16.2	6.0	88	84.9	17.8	35.6	57.6	5.2	42.6	3534	21325
PIONEER P1449XR	114	C250	1,2,3,4,6,7	43.6	19.9	8.7 *	100	86.2	18.0	37.7	63.4	7.3	37.4	3576	28562	39.6	17.0	6.9 *	93	86.6	17.6	37.0	63.8	5.6	39.6	3617	23549
SEED CONSULTANTS SCS 1125AI	113	P500	1,2,4	46.1	20.2	9.7 *	97	83.8	15.9	32.7	50.6	7.5	44.5	3479	35029	33.4	16.8	5.6	94	83.5	17.9	35.8	53.7	5.2	42.2	3447	19203
SEED CONSULTANTS SCS 11HR2	113	P1250	1,2,4	44.1	21.9	9.8 **	100	82.5	20.4	37.7	53.4	7.2	39.8	3363	32828	39.9	15.8	6.2	84	82.5	20.7	40.4	56.7	5.1	38.5	3355	21983
WELLMAN W2513DP	113	ENC	1,2	41.5	12.1	5.1	97	82.2	18.9	38.2	53.5	7.4	34.9	3275	17486	41.1	15.4	6.4	87	82.1	19.0	39.6	54.6	5.3	39.0	3337	22115
WELLMAN W2613DP	113	ENC	1,2	47.8	20.5	9.8 **	100	82.1	18.6	37.7	52.4	7.1	40.7	3339	32815	44.2	15.6	6.9 *	83	82.3	18.1	36.2	50.9	5.3	42.7	3377	24188
AVERAGE				44.8	18.3	8.2	99.2	84.1	17.4	35.5	55.4	7.4	41.4	3472	28536	40.5	16.0	6.5	87.3	84.0	18.0	36.6	56.1	5.4	41.7	3467	22451
HIGHEST				48.3	22.1	9.8	100.0	87.1	20.4	39.4	63.4	8.1	46.7	3655	35029	44.2	17.6	7.3	93.7	87.1	20.7	40.4	63.8	6.1	45.8	3665	28364
LOWEST				40.2	12.1	4.8	96.9	82.1	15.0	31.6	50.6	6.8	34.9	3275	17356	33.4	14.5	5.3	82.2	82.1	15.7	33.2	50.9	4.6	38.5	3337	18660
CV (%)				6.4	8.2	11.4	2.2	1.8	9.4	7.2	5.2	4.2	7.0	3	7	5.5	7.5	9.4	6.3	1.7	8.5	7.0	4.4	6.3	7.5	3	8
LSD (5%)				3.4	1.8	1.1	2.5	1.8	1.9	3.0	3.4	0.4	3.5	120	2461	2.6	1.4	0.7	6.5	1.7	1.8	3.1	3.0	0.4	3.7	131	2145

2 Year Averages 2015 - 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	39.8	19.6	7.7	100	82.8	19.7	39.0	55.8	7.4	36.5	3380	26015	46.7	17.6	8.3 **	91	83.1	18.0	35.5	52.5	5.7	43.2	3402	27171
AGRIGOLD A6559STXRIB	113	P500	1,2,3,4,6	40.7	23.3	9.1	99	82.7	19.2	39.1	55.4	7.4	35.5	3343	31085	43.8	17.8	7.9 *	89	82.1	19.2	38.3	53.4	5.5	40.9	3343	25772
GREAT LAKES 6261STX	112	P500	1,2,3,6	39.2	24.8	9.6 *	99	81.8	21.1	41.1	55.6	6.7	36.6	3309	31368	44.7	18.3	8.3 **	90	81.8	19.8	38.6	52.9	5.5	39.7	3321	26531
MASTERS CHOICE MCT-6153	111	C250	1	39.5	21.2	8.1	95	83.5	19.4	38.5	57.0	7.2	37.9	3424	27171	45.3	17.5	8.0 *	80	82.8	19.3	38.0	54.7	5.5	42.2	3384	26552
PIONEER P1180XR	111	C250	1,2,3,4,6	39.3	22.0	8.2	99	87.4	17.5	36.4	65.2	7.9	38.7	3663	30082	43.0	17.5	7.6	88	87.1	17.3	35.5	63.5	6.6	41.4	3648	28699
PIONEER P1449XR	114	C250	1,2,3,4,6,7	37.3	24.9	8.9	100	86.5	18.6	38.6	64.9	7.2	34.1	3526	31219	42.0	18.7	8.0 *	94	86.3	19.2	38.2	64.1	6.0	37.4	3559	27698
SEED CONSULTANTS SCS 11HR2	113	P1250	1,2,4	38.5	26.5	10.0 **	100	82.0	21.6	40.6	55.2	7.2	34.3	3317	33697	43.1	18.6	8.1 *	87	82.1	20.8	40.3	55.5	5.4	38.7	3322	27393
AVERAGE				39.2	23.2	8.8	98.8	83.8	19.6	39.0	58.4	7.3	36.2	3423	30091	44.1	18.0	8.0	88.5	83.6	19.1	37.8	56.6	5.8	40.5	3425	27117
HIGHEST				40.7	26.5	10.0	100.0	87.4	21.6	41.1	65.2	7.9	38.7	3663	33697	46.7	18.7	8.3	94.0	87.1	20.8	40.3	64.1	6.6	43.2	3648	28699
LOWEST				37.3	19.6	7.7	94.7	81.8	17.5	36.4	55.2	6.7	34.1	3309	26015	42.0	17.5	7.6	79.9	81.8	17.3	35.5	52.5	5.4	37.4	3321	25772
CV (%)				5.8	9.3	11.2	4.0	1.8	8.8	7.1	4.7	5.3	7.4	3	7	5.3	6.3	8.0	5.7	1.9	9.4	7.0	5.6	7.1	7.5	3	7
LSD (5%)				2.0	1.6	0.8	3.3	1.3	1.4	2.2	2.2	0.3	2.4	89	1722	1.9	0.9	0.5	4.2	1.4	1.5	2.1	2.6	0.3	2.6	95	1545

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

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

2015				Early - TRIAL AVERAGE												Huron - Early											
				YIELD				% QUALITY						MILK 2006		YIELD				% QUALITY						MILK 2006	
BRAND / HYBRID	RM	TRT	TRAIT	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
CROPLAN 4099SS/RIB	99	A500	1,2,3,4,6	40.3	26.3	10.4 *	100	82.4	19.1	38.2	53.8	7.0	39.2	3304	34936	43.3	24.5	10.6 *	100	81.5	21.3	41.1	54.9	6.6	38.2	3226	34121
CROPLAN 5415SS/RIB	104	A500	1,2,3,4,6	38.7	27.7	10.5 *	100	81.8	19.8	37.9	51.7	6.7	39.9	3277	33917	42.7	26.7	11.0 **	100	82.0	18.9	35.8	49.7	6.4	41.9	3285	36071
DAIRYLAND SEED DS-9693	93	C500	1,2,3,4,6	42.3	21.8	9.0	95	82.3	17.3	35.7	50.4	7.7	41.4	3334	30060	44.9	21.1	9.5	95	81.7	18.1	37.8	51.5	7.2	41.6	3276	31823
DAIRYLAND SEED Hi DF-3099-9	99	C500	1,2,3,4,6	37.1	28.3	10.4 *	98	81.2	18.1	35.6	46.9	7.1	41.8	3264	34684	38.5	26.2	10.1 *	100	81.3	15.9	31.9	41.5	6.6	46.7	3299	35746
DAIRYLAND SEED Hi DF-3197-7	97	C500	1,2,4,6	40.7	22.4	9.1	96	81.9	20.0	38.3	52.6	7.1	41.0	3289	29435	43.9	20.9	9.2	96	81.7	19.9	39.8	53.9	6.6	41.2	3253	29755
DAIRYLAND SEED Hi DF-3700SSX	100	C500	1,2,3,4,6	37.9	26.1	10.0 *	98	81.2	21.1	38.2	50.9	6.5	39.0	3256	33068	39.9	25.2	10.0 *	99	81.4	19.4	38.1	51.3	6.1	40.3	3259	32648
DAIRYLAND SEED Hi DF-3702-9	102	C500	1,2,3,4	34.6	28.1	9.6	95	82.4	20.1	38.0	53.7	6.8	39.5	3322	32410	37.0	27.9	10.3 *	99	81.9	20.4	38.9	53.3	6.4	39.9	3276	33720
DYNAGRO D40SS48	100	P500	1,2,3,4,6	41.7	24.4	10.1 *	99	81.4	20.5	39.0	52.5	7.0	39.1	3257	31988	41.6	23.0	9.6	100	81.3	18.7	37.8	50.5	6.8	40.6	3251	31088
GREAT LAKES 5283STXRIB	102	P500	1,2,3,6	39.6	26.8	10.7 **	97	82.2	17.4	34.9	49.0	6.9	42.2	3344	34892	39.4	24.3	9.5	99	82.3	17.2	34.5	48.5	6.6	43.2	3343	31892
LEGACY SEEDS L-4424 GENSS	100	P500	1,2,3,4,6	38.6	26.4	10.1 *	96	81.4	18.6	38.2	51.4	7.0	40.0	3264	33368	40.2	26.3	10.6 *	100	81.6	19.2	37.3	50.6	6.8	41.3	3275	34598
LEGACY SEEDS L-5350 3122 E-Z F	104	C250	1,2,3,4,6	36.7	27.1	9.9	96	81.5	20.6	39.1	52.8	6.9	37.2	3262	32107	39.8	26.8	10.7 *	100	81.1	21.6	40.9	53.6	6.5	36.9	3207	34199
M&W SEEDS 45A38	101	P250	1,2,3,4,6	42.4	21.7	9.1	87	81.9	20.0	39.2	53.8	6.9	39.0	3278	29868	45.2	21.2	9.5	90	82.4	18.3	36.3	51.3	6.9	42.4	3329	31761
M&W SEEDS 45J99	104	P250	1,2	36.8	26.4	9.6	98	79.5	22.1	41.2	50.2	7.0	37.1	3123	29834	38.6	24.2	9.3	100	79.9	22.1	40.0	49.7	6.6	39.4	3151	29442
M&W SEEDS 47J66	94	P250	1,2	43.2	21.9	9.5	99	81.6	18.2	35.5	48.4	7.0	42.7	3301	32855	45.0	22.5	10.1 *	100	78.7	20.6	38.1	44.3	6.6	39.0	3101	32659
MASTERS CHOICE MCT-5371	103	C250	1	37.3	26.0	9.7	91	81.6	18.7	36.4	49.3	6.8	40.7	3291	32850	42.0	25.3	10.7 *	99	82.2	16.6	33.0	46.1	6.2	44.4	3350	38640
NuTech/G2 GENETICS 5H-502™	102	P500	1,2,4,6	38.8	26.9	10.3 *	98	81.2	20.3	37.9	50.4	7.0	40.8	3253	33881	38.1	25.5	9.7	99	80.4	20.0	37.1	47.2	6.4	40.3	3210	32916
PIONEER P0242AMXT	104	C250	1,2,3,4,6	38.6	26.6	10.1 *	95	83.1	19.1	36.4	53.3	6.9	41.5	3377	33159	42.1	25.4	10.7 *	100	83.2	18.1	34.8	51.6	6.5	44.7	3392	36293
RENK RK415VT2P	92	P250	1,2	44.0	21.8	9.4	99	82.2	17.6	34.4	48.4	7.2	44.2	3346	31460	44.4	22.6	10.0 *	100	81.9	16.7	33.1	45.4	6.8	44.2	3332	33403
RENK RK544SSTX	95	P500	1,2,3,4,6	42.4	21.6	9.1	96	82.5	19.1	36.8	52.4	7.1	41.2	3340	30205	46.4	21.2	9.8	100	82.7	17.8	35.8	51.7	7.0	43.8	3355	32804
RENK RK565GTCBLLRWBL	99	C250	1,2,3,4,6	41.8	24.2	10.1 *	99	82.7	17.9	35.5	51.1	7.0	44.0	3364	33200	43.3	22.2	9.5	100	82.1	20.2	38.6	53.8	6.7	42.8	3292	31285
RENK RK629VT3P	101	P250	1,2,3	38.1	26.5	9.8	90	83.0	17.0	35.1	51.5	7.3	41.9	3373	32276	39.9	26.6	10.6 *	96	83.4	17.2	34.8	52.3	6.9	43.1	3404	36070
STEYER 10102 VT2PRORIBC	101	C250	1,2,14	43.5	21.9	9.3	98	82.6	17.7	35.0	50.3	7.0	44.0	3364	30743	41.8	21.5	8.9	97	81.1	17.9	36.0	47.4	6.6	43.9	3255	27133
STEYER 9203 VT2PRORIBC	92	C250	1,2,14	43.7	21.2	9.2	97	82.5	17.8	36.1	51.6	6.9	43.0	3345	30069	47.4	19.8	9.4	100	82.7	18.0	36.0	51.7	6.6	43.9	3350	29648
STEYER 9801 GT	98	C250	Conv.	43.6	23.0	9.9	99	80.9	20.4	39.1	51.1	6.9	38.9	3225	31674	46.5	23.3	10.9 *	100	80.9	20.0	39.1	51.0	6.5	40.2	3217	35211
AVERAGE				40.1	24.8	9.8	96.5	81.9	19.1	37.2	51.1	7.0	40.8	3298	32206	42.2	23.9	10.0	98.7	81.6	18.9	36.9	50.1	6.6	41.8	3279	33039
HIGHEST				44.0	28.3	10.7	100.0	83.1	22.1	41.2	53.8	7.7	44.2	3377	34936	47.4	27.9	11.0	100.0	83.4	22.1	41.1	54.9	7.2	46.7	3404	38640
LOWEST				34.6	21.2	9.0	87.0	79.5	17.0	34.4	46.9	6.5	37.1	3123	29435	37.0	19.8	8.9	90.2	78.7	15.9	31.9	41.5	6.1	36.9	3101	27133
CV (%)				6.9	9.1	10.2	5.1	2.5	9.8	6.7	8.0	6.1	7.5	4	7	6.7	6.8	8.9	3.3	2.5	9.2	5.6	9.7	5.8	7.4	4	8
LSD (5%)				1.9	1.5	0.7	3.3	1.4	1.3	1.7	2.8	0.3	2.1	91	1609	3.3	1.9	1.1	3.9	2.4	2.1	2.5	5.7	0.5	3.7	156	2942

2 Year Averages 2015 - 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
CROPLAN 4099SS/RIB	99	A500	1,2,3,4,6	39.5	26.6	10.4	100	82.7	18.7	38.1	54.4	6.8	39.9	3344	34552	42.1	24.7	10.4 *	100	81.8	20.2	40.9	55.5	6.8	38.5	3265	33464
CROPLAN 5415SS/RIB	104	A500	1,2,3,4,6	36.8	29.8	10.9 **	100	81.6	20.7	39.7	53.4	6.5	38.0	3269	35177	40.4	28.1	11.0 **	100	81.6	20.1	38.8	52.4	6.5	39.5	3265	35987
DAIRYLAND SEED Hi DF-3197-7	97	C500	1,2,4,6	41.0	23.4	9.6	98	82.2	20.2	39.0	54.3	7.1	40.9	3315	31672	43.7	22.3	9.7	98	82.4	18.9	38.5	54.2	7.1	42.3	3324	32314
DAIRYLAND SEED Hi DF-3702-9	102	C500	1,2,3,4	34.1	29.4	9.9	97	82.2	20.5	40.4	55.8	6.8	38.0	3288	33089	35.2	29.3	10.3	99	81.7	20.7	40.9	55.1	6.7	38.5	3262	34338
DYNAGRO D40SS48	100	P500	1,2,3,4,6	39.5	26.2	10.3	99	81.9	19.4	38.1	52.5	6.8	40.0	3303	33514	40.7	24.7	10.0	100	81.6	18.2	37.3	50.6	6.8	41.6	3290	32894
GREAT LAKES 5283STXRIB	102	P500	1,2,3,6	38.8	27.6	10.8 *	98	82.4	17.9	36.7	51.8	6.8	41.0	3347	35210	39.9	25.1	10.0	98	82.3	17.2	37.0	51.8	6.8	42.0	3333	33480
LEGACY SEEDS L-5350 3122 E-Z F	104	C250	1,2,3,4,6	36.3	28.2	10.1	98	81.5	20.3	39.2	52.9	6.8	37.4	3275	33450	38.3	27.6	10.6 *	100	81.1	20.8	40.8	53.6	6.6	37.1	3229	34111
RENK RK565GTCBLLRWBL	99	C250	1,2,3,4,6	41.7	24.7	10.2	99	82.1	19.6	37.8	52.6	7.0	40.6	3313	33378	44.5	21.4	9.6	100	81.7	21.2	40.5	54.8	7.0	39.7	3267	31457
RENK RK629VT3P	101	P250	1,2,3	37.5	28.5	10.5 *	95	82.2	20.2	38.0	52.9	7.0	38.5	3295	34487	39.9	26.8	10.7 *	97	82.3	20.3	36.9	52.0	6.9	38.6	3260	34799
STEYER 10102 VT2PRORIBC	101	C250	1,2,14	41.3	23.5	9.6	98	82.5	19.0	37.3	52.8	6.7	41.8	3348	31988	42.1	22.0	9.2	98	81.3	19.9	38.6	51.1	6.7	41.2	3260	29074
AVERAGE				38.7	26.8	10.2	98.0	82.1	19.6	38.4	53.3	6.8	39.6	3310	33652	40.7	25.2	10.2	99.0	81.8	19.8	39.0	53.1	6.8	39.9	3275	33192
HIGHEST				41.7	29.8	10.9	99.8	82.7	20.7	40.4	55.8	7.1	41.8	3348	35210	44.5	29.3	11.0	100.0	82.4	21.2	40.9	55.5	7.1	42.3	3333	35987
LOWEST				34.1	23.4	9.6	94.8	81.5	17.9	36.7	51.8	6.5	37.4	3269	31672	35.2	21.4	9.2	97.3	81.1	17.2	36.9	50.6	6.5	37.1	3229	29074
CV (%)				6.5	8.2	8.7	4.6	2.5	9.4	7.0	7.5	5.9	7.5	4	7	6.2	6.6	7.5	3.2	2.5	8.2	6.8	8.3	6.0	7.3	4	7
LSD (5%)				1.2	1.0	0.4	2.1	1.0	0.9	1.3	1.9	0.2	1.4	62	1080	2.2	1.3	0.6	2.6	1.7	1.3	2.1	3.6	0.3	2.5	111	2058

2015				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
CROPLAN 4099SS/RIB	99	A500	1,2,3,4,6	36.1	27.2	9.5	100	82.7	20.5	39.2	55.9	6.9	39.3	3342	31428	41.5	27.1	11.2 **	99	83.0	15.6	34.4	50.6	7.5	40.2	3346	39257
CROPLAN 5415SS/RIB	104	A500	1,2,3,4,6	35.4	27.4	9.6	100	81.8	21.5	41.3	56.0	6.0	36.6	3272	29500	38.1	29.0	11.1 *	100	81.5	19.0	36.7	49.4	7.7	41.1	3275	36181
DAIRYLAND SEED DS-9693	93	C500	1,2,3,4,6	41.6	22.9	8.9	98	84.2	15.3	33.5	52.8	7.5	44.1	3479	30808	40.4	21.3	8.6	93	80.9	18.5	35.9	46.9	8.4	38.7	3245	27550
DAIRYLAND SEED Hi DF-3099-9	99	C500	1,2,3,4,6	36.6	29.6	10.6	93	83.1	16.4	34.2	50.5	7.0	42.3	3390	35959	36.2	29.2	10.5 *	100	79.2	22.0	40.6	48.7	7.8	36.6	3102	32346
DAIRYLAND SEED Hi DF-3197-7	97	C500	1,2,4,6	40.9	20.6	8.3	99	81.9	21.4	39.3	53.9	7.0	39.7	3293	25913	37.4	25.8	9.8	92	82.1	18.8	35.7	49.9	7.6	42.1	3321	32636
DAIRYLAND SEED Hi DF-3700SSX	100	C500	1,2,3,4,6	35.6	27.1	9.7	100	81.0	20.7	39.6	52.0	6.3	37.6	3241	32959	38.4	25.8	10.2 *	96	81.3	23.2	36.9	49.4	7.1	39.1	3267	33596
DAIRYLAND SEED Hi DF-3702-9	102	C500	1,2,3,4	33.3	27.3	8.8	99	82.4	20.2	38.6	54.5	6.5	39.0	3334	30800	33.4	29.2	9.7	87	82.9	19.9	36.6	53.3	7.6	39.6	3356	32710
DYNAGRO D40SS48	100	P500	1,2,3,4,6	40.6	27.3	10.8	99	82.3	19.9	37.7	53.3	6.7	40.4	3337	35729	42.8	23.0	9.9	98	80.8	22.9	41.4	53.6	7.4	36.4	3184	29146
GREAT LAKES 5283STXRIB	102	P500	1,2,3,6	42.5	27.9	12.4 **	97	82.3	16.9	34.7	49.0	6.4	43.1	3364	38871	37.1	28.1	10.3 *	94	82.1	18.1	35.5	49.6	7.7	40.3	3324	33913
LEGACY SEEDS L-4424 GENSS	100	P500	1,2,3,4,6	38.1	27.0	9.8	100	81.5	19.0	39.3	53.0	6.6	38.5	3272	32101	37.6	26.0	9.8	88	81.2	17.5	38.1	50.8	7.7	40.2	3245	33406
LEGACY SEEDS L-5350 3122 E-Z F	104	C250	1,2,3,4,6	34.1	27.3	9.1	100	82.2	20.4	38.4	53.8	6.8	38.4	3323	29996	36.3	27.3	9.9	89	81.4	19.8	38.0	50.9	7.6	36.4	3257	32125
M&W SEEDS 45A38	101	P250	1,2,3,4,6	43.1	24.5	10.2	91	84.5	16.0	34.8	55.6	6.9	43.8	3488	35482	39.0	19.4	7.5	80	78.8	25.8	46.6	54.5	7.0	30.8	3018	22362
M&W SEEDS 45J99	104	P250	1,2	37.9	25.3	9.5	99	80.4	19.1	39.7	50.7	6.3	40.7	3209	30333	33.8	29.6	10.0	94	78.2	25.0	44.0	50.3	8.0	31.0	3009	29728
M&W SEEDS 47J66	94	P250	1,2	43.1	20.1	8.7	100	84.6	14.2	31.5	51.1	7.0	48.0	3523	32480	41.6	23.1	9.6	97	81.6	19.8	36.7	49.7	7.5	41.1	3279	33426
MASTERS CHOICE MCT-5371	103	C250	1	35.3	27.9	9.9	98	80.9	19.2	39.6	51.9	6.8	37.6	3238	31906	34.7	24.8	8.6	78	81.6	20.4	36.6	49.8	7.5	40.0	3284	28003
NuTech/G2 GENETICS 5H-502™	102	P500	1,2,4,6	37.9	28.1	10.3	99	82.1	20.0	38.3	53.1	6.9	39.5	3315	33918	40.3	27.2	10.8 *	96	81.1	21.0	38.5	51.1	7.9	42.7	3235	34810
PIONEER P0242AMXT	104	C250	1,2,3,4,6	37.8	26.3	9.8	99	83.3	20.2	38.6	56.7	7.0	39.0	3382	30091	35.8	28.0	9.9	86	82.7	19.2	35.8	51.6	7.2	41.0	3357	33091
RENK RK415VT2P	92	P250	1,2	41.1	21.5	8.8	99	84.1	17.3	33.5	52.5	7.0	45.4	3479	30483	46.6	21.5	9.4	97	80.7	18.7	36.8	47.4	7.8	43.1	3228	30493
RENK RK544SSTX	95	P500	1,2,3,4,6	40.8	21.0	8.5	100	82.2	20.5	39.6	55.3	6.7	37.9	3313	28178	40.1	22.6	8.9	89	82.5	18.9	35.2	50.3	7.7	41.9	3351	29632
RENK RK565GTCBLLRWBL	99	C250	1,2,3,4,6	38.6	27.4	10.7	100	82.6	16.9	34.4	49.5	7.1	44.0	3381	34115	43.6	23.0	10.0	96	83.4	16.7	33.4	50.2	7.3	45.2	3419	34200
RENK RK629VT3P	101	P250	1,2,3	38.3	28.3	10.0	94	83.8	16.0	33.9	52.1	7.2	42.3	3427	31952	36.3	24.6	8.8	82	81.7	18.0	36.7	50.0	7.8	40.3	3286	28807
STEYER 10102 VT2PRORIBC	101	C250	1,2,14	39.2	24.0	9.1	100	83.0	17.6	35.5	52.1	6.7	43.6	3394	30823	49.3	20.3	10.0	96	83.8	17.5	33.5	51.5	7.6	44.7	3441	34272
STEYER 9203 VT2PRORIBC	92	C250	1,2,14	44.4	21.6	9.5	99	84.5	15.5	33.1	53.2	6.7	46.6	3505	33122	39.3	22.2	8.7	90	80.3	20.1	39.3	49.8	7.5	38.6	3180	27437
STEYER 9801 GT	98	C250	Conv.	38.7	25.4	9.4	100	80.8	21.0	39.8	51.7	6.9	37.9	3227	30082	45.6	20.2	9.3	97	81.0	20.0	38.6	50.8	7.3	38.5	3230	29728
AVERAGE				38.8	25.5	9.7	98.5	82.6	18.6	37.0	52.9	6.8	41.0	3355	31960	39.4	24.9	9.7	92.2	81.4	19.8	37.6	50.4	7.6	39.6	3260	31619
HIGHEST				44.4	29.6	12.4	100.0	84.6	21.5	41.3	56.7	7.5	48.0	3523	38871	49.3	29.6	11.2	100.0	83.8	25.8	46.6	54.5	8.4	45.2	3441	39257
LOWEST				33.3	20.1	8.3	91.0	80.4	14.2	31.5	49.0	6.0	36.6	3209	25913	33.4	19.4	7.5	77.5	78.2	15.6	33.4	46.9	7.0	30.8	3009	22362
CV (%)				6.7	11.5	11.7	3.7	2.5	9.5	7.0	7.1	6.9	7.9	4	7	6.9	6.5	8.5	7.5	2.5	10.2	7.4	7.2	5.6	7.1	4	7
LSD (5%)				3.1	3.5	1.3	4.3	2.4	2.1	3.1	4.4	0.6	3.8	163	2722	3.2	1.9	1.0	8.2	2.4	2.4	3.3	4.3	0.5	3.3	156	2770

2 Year Averages 2015 - 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
CROPLAN 4099SS/RIB	99	A500	1,2,3,4,6	36.2	29.2	10.4	100	82.9	19.7	38.3	55.4	6.8	39.3	3372	34906	40.3	25.8	10.4 *	99	83.4	16.2	35.1	52.5	7.0	42.0	3395	35287
CROPLAN 5415SS/RIB	104	A500	1,2,3,4,6	35.0	30.0	10.4	99	82.1	21.0	40.7	56.0	6.1	36.4	3303	33496	35.1	31.2	11.1 **	100	81.0	20.8	39.6	51.8	7.0	38.2	3238	36048
DAIRYLAND SEED Hi DF-3197-7	97	C500	1,2,4,6	39.7	22.9	9.2	100	82.2	21.6	40.7	56.3	7.0	38.8	3306	29716	39.4	25.1	9.9	95	82.0	20.0	37.8	52.3	7.2	41.8	3314	32985
DAIRYLAND SEED Hi DF-3702-9	102	C500	1,2,3,4	32.8	29.3	9.4	99	82.3	20.9	40.1	55.8	6.5	35.5	3285	31751	34.4	29.7	10.1	93	82.5	19.9	40.3	56.5	7.2	39.9	3316	33178
DYNAGRO D40SS48	100	P500	1,2,3,4,6	39.1	28.5	11.0 *	98	82.9	18.2	36.8	53.6	6.7	40.8	3384	37025	38.8	25.6	9.8	98	81.1	21.9	40.4	53.3	6.8	37.7	3235	30621
GREAT LAKES 5283STXRIB	102	P500	1,2,3,6	39.0	29.4	11.7 **	98	82.3	18.0	36.4	51.4	6.5	40.5	3356	37766	37.6	28.3	10.6 *	97	82.5	18.4	36.7	52.3	7.0	40.4	3352	34385
LEGACY SEEDS L-5350 3122 E-Z F	104	C250	1,2,3,4,6	34.7	30.0	10.3	100	82.0	20.3	38.9	53.7	6.7	37.4	3314	34035	35.9	26.8	9.6	94	81.5	19.6	38.0	51.4	7.0	37.7	3283	32203
RENK RK565GTCBLLRWBL	99	C250	1,2,3,4,6	38.7	28.0	10.9 *	100	82.7	18.4	35.8	51.5	7.0	40.6	3351	34665	41.8	24.6	10.3	98	82.0	19.2	37.2	51.5	7.0	41.4	3321	34010
RENK RK629VT3P	101	P250	1,2,3	36.9	30.8	10.9 *	97	83.6	18.2	35.1	53.2	7.0	41.4	3425	37362	35.8	27.8	9.9	90	80.7	22.0	41.8	53.5	7.0	35.6	3200	31298
STEYER 10102 VT2PRORIBC	101	C250	1,2,14	38.6	25.1	9.5	98	83.0	17.8	36.3	53.0	6.5	42.5	3393	33186	43.2	23.4	9.9	97	83.2	19.5	37.1	54.4	6.9	41.6	3391	33704
AVERAGE				37.1	28.3	10.4	98.9	82.6	19.4	37.9	54.0	6.7	39.3	3349	34391	38.2	26.8	10.2	96.1	82.0	19.8	38.4	52.9	7.0	39.6	3305	33372
HIGHEST				39.7	30.8	11.7	100.0	83.6	21.6	40.7	56.3	7.0	42.5	3425	37766	43.2	31.2	11.1	100.0	83.4	22.0	41.8	56.5	7.2	42.0	3395	36048
LOWEST				32.8	22.9	9.2	96.6	82.0	17.8	35.1	51.4	6.1	35.5	3285	29716	34.4	23.4	9.6	90.4	80.7	16.2	35.1	51.4	6.8	35.6	3200	30621
CV (%)				6.3	9.2	9.3	3.4	2.3	9.2	6.9	6.3	6.2	7.4	4	7	6.6	7.2	8.8	6.5	2.6	10.5	7.4	7.7	5.6	7.7	4	7
LSD (5%)				2.0	2.1	0.8	2.8	1.6	1.4	2.1	2.8	0.3	2.5	103	1846	2.1	1.5	0.7	5.1	1.8	1.8	2.3	3.3	0.3	2.5	111	1757

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

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

2015				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	41.4	23.9	9.9	97	81.6	19.3	36.9	50.2	6.8	40.8	3279	31774	40.6	24.2	9.7	92	79.6	20.8	38.8	47.4	6.6	37.5	3119	28450
AGRIGOLD A6416STXRIB	107	P500	1,2,3,4,6	36.1	27.0	9.8	98	81.8	19.3	36.7	50.2	6.8	41.1	3301	32223	36.1	27.7	10.0	100	80.5	18.7	36.3	46.3	6.6	42.5	3225	32195
AGRIGOLD A6442STXRIB	109	P500	1,2,3,4,6	35.0	28.6	9.9	98	79.3	22.6	41.3	49.8	6.8	35.5	3114	31372	36.6	25.5	9.3	100	79.1	22.3	41.8	50.0	6.8	35.7	3093	28881
CROPLAN 6065SS/RIB	110	A500	1,2,3,4,6	36.3	30.0	10.8 *	98	80.1	20.9	39.5	49.7	7.0	37.0	3177	33949	37.0	27.6	10.2	100	80.1	19.6	38.1	47.7	7.0	39.3	3183	32517
DAIRYLAND SEED Hi DF-3108RA	108	C250	1,2,3,4,6	33.1	29.7	9.8	94	78.9	21.9	41.3	49.0	6.6	34.9	3128	29688	37.0	29.2	10.8 *	97	80.3	20.1	40.7	51.5	6.3	38.7	3170	32271
DAIRYLAND SEED Hi DF-3510SSX	110	C250	1,2,3,4,6	33.2	33.0	10.9 **	97	81.3	21.0	38.1	51.0	6.6	38.4	3260	35576	35.1	32.5	11.4 **	99	80.7	19.6	37.6	48.5	6.7	39.6	3222	34806
DAIRYLAND SEED Hi DF-3605-9	105	C500	1,2,3,4,6	36.8	29.1	10.6 *	94	80.0	20.1	38.2	47.7	6.9	38.2	3168	33511	36.2	29.2	10.5	95	78.3	20.8	39.6	45.3	6.7	38.9	3069	30792
DAIRYLAND SEED Hi DF-3808SSX	108	C1250	1,2,3,4,6	34.8	29.8	10.3	96	80.5	22.3	40.9	52.3	6.4	32.3	3091	32409	33.3	28.0	9.3	91	79.5	22.3	41.0	50.2	6.1	32.0	2978	29310
DYNAGRO D48SS38	108	P500	1,2,3,4,6	35.3	27.2	9.6	98	80.5	21.0	39.7	50.9	6.7	35.0	3123	29902	38.9	24.6	9.6	94	80.7	19.1	39.6	51.2	6.7	36.2	3205	28561
DYNAGRO D50SS43	110	P500	1,2,3,4,6	37.3	28.3	10.5 *	97	80.5	21.0	39.3	50.5	6.7	38.7	3203	33265	38.2	26.0	9.9	95	81.7	19.3	37.5	51.1	7.0	40.2	3281	32572
GOLDEN HARVEST G05T82-3122	105	C500	1,2,3,4,6	37.8	26.1	9.6	94	80.7	20.2	38.6	50.0	6.6	37.5	3222	31064	39.8	26.9	10.0	90	80.6	19.1	37.1	47.7	6.4	39.8	3227	32457
GOLDEN HARVEST G07B39-3111A	107	C500	1,2,3,4,6,A	33.2	31.7	10.5 *	97	82.3	19.1	37.2	52.4	6.5	39.2	3326	34125	34.5	31.6	10.9 *	100	81.4	20.2	38.8	52.1	6.1	38.7	3257	35428
GOLDEN HARVEST G07V88-3000(	107	C500	1,2,3,4	37.9	26.1	9.8	88	80.9	21.0	38.7	50.8	6.5	38.9	3236	30942	39.3	23.4	9.2	80	81.2	20.6	38.3	50.9	6.3	39.8	3250	29889
GREAT LAKES 5755STXRIB	107	P500	1,2,3,6	35.2	28.1	9.9	95	81.4	21.1	37.6	50.6	7.1	39.5	3271	31252	34.4	25.4	8.7	86	80.7	20.1	38.6	50.0	6.7	40.4	3215	27893
GREAT LAKES 6068STXRIB	110	P500	1,2,3,6	34.7	30.0	10.1	97	80.0	22.0	39.5	49.5	7.0	36.2	3138	32585	34.8	26.8	9.3	92	77.4	24.5	41.9	46.0	7.0	32.7	2891	28828
LEGACY SEEDS L-7253 3000GT	112	C250	1.2.3.4	36.0	29.8	10.6 *	96	81.4	20.4	37.7	50.9	6.7	38.4	3242	34913	36.2	28.5	10.5	100	79.5	21.3	40.0	48.8	6.4	38.0	3136	32010
NK Brand N53W-3122	105	C500	1,2,3,4,6	38.3	26.5	10.1	96	81.9	18.3	36.0	49.8	6.8	41.0	3315	34247	40.8	26.1	10.5	98	81.9	18.3	36.0	49.8	6.4	42.1	3314	34705
NK Brand N59B-3111A	107	C500	1,2,3,4,6,A	33.9	29.7	10.1	98	79.9	21.7	41.4	51.4	6.2	33.5	3062	31473	33.0	30.0	9.8	100	79.4	22.2	41.5	50.5	6.1	29.4	2855	30140
NK Brand N61P-3000GT Brand	107	C500	1,2,3,4	38.2	25.5	9.7	91	82.7	19.1	35.7	51.7	6.6	41.5	3355	32715	38.4	24.8	9.5	98	81.9	19.7	37.1	51.1	6.3	41.6	3301	31342
NuTech/G2 GENETICS 5F-709™	109	P500	1,2,4,6	34.1	29.2	9.9	99	80.9	19.9	37.7	49.4	6.8	38.6	3242	32212	38.0	28.3	10.7 *	99	83.4	17.2	34.3	51.6	7.1	42.5	3412	36589
NuTech/G2 GENETICS 5H-806™	106	P500	1,2,4,6	36.4	28.7	10.5 *	100	82.0	19.7	37.2	51.7	6.8	39.8	3312	34793	39.6	28.5	11.3 *	100	84.1	16.6	33.5	52.4	7.0	44.7	3460	39023
NuTech/G2 GENETICS 5Z-308™	108	P500	1,2,4,6	32.3	31.6	10.2	99	81.9	20.6	38.9	53.6	7.2	37.8	3286	34253	33.4	30.8	10.3	100	82.4	19.7	37.8	53.5	6.7	39.6	3324	34329
PIONEER P0496AMX	106	C250	1,2,3,4,6,7	36.9	26.5	9.7	93	82.7	19.0	35.4	51.1	7.5	41.4	3365	33753	37.1	26.5	9.8	100	82.0	20.8	36.4	50.6	7.4	40.6	3312	34203
PIONEER P0506AM	107	P1250	1,2,3,4,6	36.2	27.1	9.8	90	82.0	20.4	38.2	52.8	7.0	38.6	3297	32399	35.8	27.4	9.8	84	81.3	20.5	38.8	51.8	7.0	38.6	3246	31836
PIONEER P0677XR	106	C250	1,2,3,4,6,7	40.8	24.5	9.9	99	85.5	16.9	35.7	59.3	7.5	41.6	3526	35905	40.9	23.5	9.6	96	84.6	18.7	37.8	59.1	7.5	39.7	3440	32929
PIONEER P0921AMXT	109	C250	1,2,3,4,6	32.6	33.0	10.7 *	97	81.8	20.4	37.1	50.9	6.8	38.3	3300	35561	34.2	32.3	11.1 *	98	82.5	18.9	36.5	52.1	6.6	40.0	3343	36940
PIONEER P1180XR	111	C250	1,2,3,4,6	32.0	28.5	9.0	99	86.0	18.1	36.2	61.3	7.3	38.3	3526	31900	33.4	27.8	9.3	100	86.0	17.5	35.6	60.8	7.3	40.3	3550	32954
RENK RK712SSTX	106	P500	1,2,3,4,6	41.2	23.8	9.6	93	83.1	17.0	35.0	51.8	6.9	42.1	3393	32186	42.0	24.4	10.1	91	83.0	16.7	35.2	51.6	6.8	42.9	3380	34192
RENK RK776SSTX	107	P500	1,2,3,4,6	37.3	26.6	10.0	98	81.1	19.6	38.6	51.0	6.8	38.8	3246	32544	39.3	25.4	10.0	100	81.1	18.0	37.4	49.4	6.8	40.8	3251	32510
RENK RK810SSTX	109	P500	1,2,3,4,6	36.9	27.8	10.2	100	81.9	17.8	35.6	49.3	6.6	40.8	3315	33729	37.5	27.5	10.3	100	81.2	18.6	36.6	48.8	6.6	37.8	3245	33359
STEYER 10404 VIP3122	105	C250	1,2,4,6	35.4	26.6	9.5	93	80.8	20.1	39.0	50.5	6.6	38.5	3222	31880	37.0	24.5	8.8	92	80.4	20.4	42.3	53.2	6.2	38.2	3157	30266
STEYER 11103 VT2PRORIBC	111	C250	1,2	38.2	26.9	10.1	99	80.8	20.1	38.9	50.7	6.6	37.5	3206	32372	36.1	26.1	9.4	100	78.6	22.2	42.3	49.4	6.4	32.9	3004	28145
AVERAGE				36.1	28.2	10.0	96.1	81.4	20.1	38.1	51.3	6.8	38.4	3258	32827	37.0	27.2	10.0	95.9	81.1	19.8	38.3	50.6	6.7	38.8	3222	32198
HIGHEST				41.4	33.0	10.9	99.9	86.0	22.6	41.4	61.3	7.5	42.1	3526	35905	42.0	32.5	11.4	100.0	86.0	24.5	42.3	60.8	7.5	44.7	3550	39023
LOWEST				32.0	23.8	9.0	88.4	78.9	16.9	35.0	47.7	6.2	32.3	3062	29688	33.0	23.4	8.7	80.4	77.4	16.6	33.5	45.3	6.1	29.4	2855	27893
CV (%)				7.0	6.2	8.1	6.6	2.7	11.2	7.6	8.2	6.0	8.6	5	7	5.9	5.7	6.7	9.6	2.8	10.3	8.3	8.5	5.4	8.0	5	7
LSD (5%)				1.7	1.2	0.5	4.3	1.5	1.5	2.0	2.8	0.3	2.2	103	1631	2.6	1.8	0.8	10.8	2.7	2.4	3.7	5.0	0.4	3.6	197	2714

2015				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	40.9	24.1	10.0	100	81.9	19.6	37.1	51.2	6.3	41.1	3310	33129	42.6	23.3	9.9	98	83.3	17.6	34.7	51.8	7.4	43.8	3409	33745
AGRIGOLD A6416STXRIB	107	P500	1,2,3,4,6	36.5	23.2	8.5	100	82.7	20.0	38.5	55.1	6.0	39.1	3343	28529	35.7	30.2	10.8	95	82.2	19.1	35.3	49.4	7.7	41.8	3335	35946
AGRIGOLD A6442STXRIB	109	P500	1,2,3,4,6	37.7	26.6	10.1	100	79.5	21.7	40.6	49.3	6.0	36.6	3137	32803	30.9	33.8	10.4	93	79.3	23.7	41.5	50.1	7.7	34.1	3111	32431
CROPLAN 6065SS/RIB	110	A500	1,2,3,4,6	37.6	27.8	10.5 *	99	79.8	22.3	41.6	51.4	6.2	35.2	3146	31618	34.2	34.7	11.8 **	96	80.5	20.7	39.0	50.0	7.9	36.5	3203	37713
DAIRYLAND SEED Hi DF-3108RA	108	C250	1,2,3,4,6	32.3	29.0	9.3	98	78.2	21.5	40.0	45.8	6.1	36.3	3175	28762	29.9	30.9	9.2	86	78.3	24.0	43.3	49.9	7.4	29.7	3039	28032
DAIRYLAND SEED Hi DF-3510SSX	110	C250	1,2,3,4,6	32.5	31.6	10.3 *	100	80.7	23.5	41.1	53.0	5.8	35.8	3201	34396	32.0	34.9	11.1 *	91	82.6	19.9	35.8	51.5	7.3	39.7	3358	37526
DAIRYLAND SEED Hi DF-3605-9	105	C500	1,2,3,4,6	38.5	30.1	11.1 *	98	80.7	19.0	38.8	50.3	6.2	38.7	3225	37416	35.9	28.1	10.1	90	81.1	20.7	36.0	47.5	7.7	37.0	3210	32324
DAIRYLAND SEED Hi DF-3808SSX	108	C1250	1,2,3,4,6	37.5	28.9	10.7 *	100	81.1	20.6	38.5	50.8	5.8	34.3	3114	33304	33.6	32.6	10.9 *	97	80.9	24.1	43.4	56.1	7.3	30.6	3183	34613
DYNAGRO D48SS38	108	P500	1,2,3,4,6	36.0	27.0	9.8	100	81.1	18.7	38.9	51.4	6.1	38.7	3246	31952	31.0	30.1	9.3	99	79.8	25.3	40.5	50.1	7.2	30.2	2916	29192
DYNAGRO D50SS43	110	P500	1,2,3,4,6	41.1	26.1	10.8 *	99	80.9	19.9	39.1	51.2	5.7	39.4	3237	34815	32.6	32.8	10.7	98	78.9	23.9	41.4	49.3	7.6	36.3	3092	32407
GOLDEN HARVEST G05T82-3122	105	C500	1,2,3,4,6	39.2	23.7	9.3	100	79.8	21.7	40.5	50.2	5.9	36.4	3160	29290	34.4	27.9	9.6	92	81.7	19.8	38.3	52.2	7.6	36.3	3281	31446
GOLDEN HARVEST G07B39-3111A	107	C500	1,2,3,4,6,A	32.5	32.7	10.5 *	100	82.4	18.3	35.9	51.1	6.4	40.4	3352	35133	32.6	30.7	10.0	90	83.0	18.9	37.1	54.0	7.0	38.4	3368	31816
GOLDEN HARVEST G07V88-3000(	107	C500	1,2,3,4	38.9	25.5	9.6	93	80.9	21.1	38.8	50.7	5.9	38.1	3236	29290	35.6	29.4	10.4	92	80.8	21.3	39.1	50.7	7.3	38.9	3221	33648
GREAT LAKES 5755STXRIB	107	P500	1,2,3,6	40.2	27.2	10.9 *	100	83.5	16.7	33.6	50.8	6.5	44.2	3433	35733	30.9	31.8	10.2	99	80.1	26.6	40.7	51.0	8.1	33.9	3164	30130
GREAT LAKES 6068STXRIB	110	P500	1,2,3,6	38.8	29.6	11.2 **	100	81.9	18.8	36.1	49.8	6.4	41.1	3316	37180	30.5	33.6	9.9	99	80.8	22.7	40.6	52.8	7.6	34.9	3206	31748
LEGACY SEEDS L-7253 3000GT	112	C250	1.2.3.4	38.0	29.8	10.8 *	100	82.2	19.0	36.9	51.7	6.6	41.1	3327	36435	33.9	31.2	10.6	87	82.6	21.0	36.4	52.1	7.3	36.2	3263	36293
NK Brand N53W-3122	105	C500	1,2,3,4,6	37.5	25.2	9.4	99	80.9	18.8	36.6	47.8	6.4	40.8	3251	33196	36.7	28.2	10.3	89	82.9	17.9	35.5	51.9	7.6	40.1	3379	34841
NK Brand N59B-3111A	107	C500	1,2,3,4,6,A	34.8	28.8	10.0	100	79.6	21.3	41.8	51.3	5.4	36.6	3137	31480	33.9	30.4	10.3	94	80.6	21.7	40.9	52.6	7.1	34.4	3195	32799
NK Brand N61P-3000GT Brand	107	C500	1,2,3,4	39.2	25.5	10.0	93	84.2	17.6	34.3	53.8	6.4	43.4	3468	33147	37.0	26.4	9.5	82	82.2	20.1	35.8	50.1	7.1	39.6	3294	33657
NuTech/G2 GENETICS 5F-709™	109	P500	1,2,4,6	33.2	28.4	9.4	100	79.0	20.8	38.6	45.5	5.8	37.6	3128	29410	31.1	30.9	9.6	99	80.4	21.7	40.3	51.3	7.5	35.9	3187	30637
NuTech/G2 GENETICS 5H-806™	106	P500	1,2,4,6	36.1	27.4	9.9	100	81.8	19.7	37.2	50.8	6.5	39.6	3300	32724	33.6	30.3	10.3	99	80.3	22.7	41.1	52.0	6.9	35.3	3177	32632
NuTech/G2 GENETICS 5Z-308™	108	P500	1,2,4,6	32.3	31.1	10.1	100	81.6	20.8	38.9	52.7	7.0	38.2	3273	33078	31.3	32.8	10.3	98	81.7	21.5	40.2	54.6	7.8	35.6	3261	35351
PIONEER P0496AMX	106	C250	1,2,3,4,6,7	38.6	24.3	9.6	100	83.2	16.4	32.7	48.6	6.9	44.7	3418	34772	34.9	28.6	9.6	80	83.0	20.0	37.1	54.1	8.1	38.8	3364	32284
PIONEER P0506AM	107	P1250	1,2,3,4,6	38.6	25.5	10.0	99	81.8	20.7	38.7	53.1	6.6	38.4	3288	32850	34.2	28.5	9.7	87	82.8	20.0	37.0	53.6	7.5	38.8	3358	32510
PIONEER P0677XR	106	C250	1,2,3,4,6,7	44.6	23.6	10.4 *	100	86.2	15.7	35.1	60.4	6.9	43.7	3581	37152	36.8	26.6	9.8	100	85.8	16.4	34.3	58.5	8.0	41.4	3556	37634
PIONEER P0921AMXT	109	C250	1,2,3,4,6	34.9	30.8	10.7 *	100	82.2	19.8	37.5	52.4	5.8	39.1	3322	35628	28.7	35.7	10.2	92	80.7	22.5	37.2	48.3	7.9	36.0	3234	34115
PIONEER P1180XR	111	C250	1,2,3,4,6	30.5	26.8	8.2	100	85.9	19.9	37.8	62.8	6.7	35.2	3468	28357	32.2	30.9	9.7	96	86.0	17.1	35.2	60.3	8.1	39.3	3559	34389
RENK RK712SSTX	106	P500	1,2,3,4,6	43.6	22.5	9.5	97	84.7	16.2	33.6	54.6	6.6	43.8	3506	31883	38.0	24.6	9.3	90	81.6	18.3	36.3	49.2	7.4	39.6	3293	30484
RENK RK776SSTX	107	P500	1,2,3,4,6	39.8	25.9	10.7 *	100	81.6	20.6	39.2	53.1	6.0	38.9	3273	35130	32.8	28.4	9.3	95	80.7	20.1	39.2	50.6	7.7	36.6	3213	29991
RENK RK810SSTX	109	P500	1,2,3,4,6	36.4	25.4	9.2	100	82.6	17.9	35.5	50.9	5.8	41.9	3368	31084	37.0	30.4	11.0 *	100	82.0	16.8	34.8	48.1	7.2	42.6	3331	36743
STEYER 10404 VIP3122	105	C250	1,2,4,6	35.9	26.6	9.6	98	81.0	19.4	37.5	49.3	6.3	39.5	3256	31385	33.4	28.8	9.9	87	81.0	20.6	37.2	48.9	7.3	37.9	3253	33989
STEYER 11103 VT2PRORIBC	111	C250	1,2	41.1	26.0	10.2 *	99	83.6	16.9	34.0	51.8	6.0	43.9	3441	35171	37.3	28.6	10.7	98	80.2	21.2	40.5	51.0	7.4	35.9	3172	33800
AVERAGE				37.4	27.1	10.0	99.1	81.8	19.5	37.6	51.6	6.2	39.4	3295	33007	33.9	30.2	10.1	93.4	81.5	20.9	38.3	51.7	7.5	37.1	3256	33277
HIGHEST				44.6	32.7	11.2	100.0	86.2	23.5	41.8	62.8	7.0	44.7	3581	37416	42.6	35.7	11.8	100.0	86.0	26.6	43.4	60.3	8.1	43.8	3559	37713
LOWEST				30.5	22.5	8.2	92.7	78.2	15.7	32.7	45.5	5.4	34.3	3114	28357	28.7	23.3	9.2	80.4	78.3	16.4	34.3	47.5	6.9	29.7	2916	28032
CV (%)				7.1	6.6	8.7	1.7	2.6	9.9	7.4	8.2	7.9	8.0	4	8	6.9	6.1	7.4	6.2	2.7	10.8	7.2	8.0	4.5	8.5	5	8
LSD (5%)				3.1	2.1	1.0	2.0	2.5	2.3	3.3	7.1	0.6	3.7	166	2973	2.7	2.2	0.9	6.8	2.5	2.7	3.3	4.9	0.4	3.7	176	3007

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

- Table 8L Continued On Page 42.

2 Year Averages 2015 - 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	38.9	25.4	9.9	98	81.6	19.8	37.9	51.4	6.8	40.1	3287	32088	38.1	26.5	10.0	96	79.9	21.7	40.2	50.0	6.9	37.6	3159	30614
AGRIGOLD A6416STXRIB	107	P500	1,2,3,4,6	35.1	28.8	10.0	99	81.9	19.8	38.4	52.8	6.8	39.4	3309	33072	35.3	27.9	9.9	100	80.4	20.5	39.5	50.0	6.7	38.7	3209	31686
AGRIGOLD A6442STXRIB	109	P500	1,2,3,4,6	34.8	29.9	10.3	97	80.5	21.5	40.5	51.8	6.8	36.1	3204	32612	35.9	27.4	9.8	100	79.9	22.3	42.1	52.4	6.8	34.9	3158	31071
DAIRYLAND SEED Hi DF-3108RA	108	C250	1,2,3,4,6	32.7	30.8	10.2	97	80.6	21.3	40.6	52.2	6.7	35.4	3229	33466	33.3	30.5	10.4	98	81.0	20.9	41.1	53.7	6.4	36.8	3227	34025
DAIRYLAND SEED Hi DF-3510SSX	110	C250	1,2,3,4,6	31.9	34.7	11.0 **	98	81.3	21.3	39.6	52.7	6.7	36.9	3263	35998	33.6	33.2	11.1 **	100	81.3	20.6	39.6	52.7	6.7	37.3	3260	35361
DYNAGRO D50SS43	110	P500	1,2,3,4,6	36.3	29.9	10.8 *	99	80.9	20.9	39.8	52.2	6.9	37.4	3240	35017	36.4	27.6	10.0	98	80.4	21.6	41.2	52.3	7.0	35.8	3195	32511
GOLDEN HARVEST G05T82-3122	105	C500	1,2,3,4,6	36.8	27.6	10.0	96	81.7	19.8	38.7	52.8	6.6	38.2	3297	33724	37.8	27.7	10.1	93	81.3	19.6	38.3	51.1	6.6	39.1	3273	33217
GOLDEN HARVEST G07V88-3000(	107	C500	1,2,3,4	37.4	28.5	10.6 *	94	81.5	21.5	39.6	53.2	6.5	38.5	3274	34564	38.6	25.3	9.8	89	81.2	21.9	40.7	53.5	6.4	38.0	3243	32430
GREAT LAKES 5755STXRIB	107	P500	1,2,3,6	35.0	29.8	10.4	97	81.7	20.8	38.6	52.7	7.1	38.8	3295	33311	34.5	26.9	9.2	92	80.1	22.1	41.9	52.4	6.9	36.8	3171	29288
GREAT LAKES 6068STXRIB	110	P500	1,2,3,6	35.0	30.6	10.6 *	97	81.0	21.4	39.7	52.1	6.9	36.6	3226	34915	35.5	27.9	9.9	95	79.3	22.9	41.8	50.5	6.9	34.3	3072	31505
NK Brand N53W-3122	105	C500	1,2,3,4,6	37.5	28.7	10.7 *	97	82.1	18.6	37.2	51.8	6.9	40.2	3330	36294	38.7	26.7	10.3	98	81.4	19.3	39.0	52.1	6.5	39.3	3272	34162
NK Brand N61P-3000GT Brand	107	C500	1,2,3,4	38.2	27.0	10.3	95	82.4	20.2	37.7	53.1	6.5	40.4	3336	34467	37.9	26.0	9.9	99	81.1	22.1	41.1	53.7	6.3	37.9	3238	31924
NuTech/G2 GENETICS 5F-709™	109	P500	1,2,4,6	34.9	29.2	10.1	99	82.5	18.9	36.7	52.5	6.9	40.3	3358	34412	36.9	28.1	10.4	99	83.1	18.1	36.3	53.3	7.3	40.8	3392	35240
NuTech/G2 GENETICS 5H-806™	106	P500	1,2,4,6	36.6	29.2	10.7 *	99	82.8	19.6	37.7	54.3	6.9	39.8	3367	35585	38.1	28.8	10.9 *	100	83.6	18.2	36.5	54.9	6.9	41.7	3424	37480
PIONEER P0506AM	107	P1250	1,2,3,4,6	36.2	29.2	10.5	95	82.5	19.9	38.0	54.0	7.1	39.3	3340	34947	35.3	28.7	10.1	92	81.2	21.5	40.3	53.2	7.1	38.4	3244	32844
PIONEER P1180XR	111	C250	1,2,3,4,6	32.0	28.5	9.1	98	86.5	17.7	36.6	63.1	7.5	38.6	3574	32794	32.6	27.4	8.9	99	86.1	17.6	36.8	62.0	7.6	39.8	3555	31760
RENK RK712SSTX	106	P500	1,2,3,4,6	38.2	26.9	10.1	96	82.5	18.9	37.4	53.1	7.0	39.9	3351	33766	38.4	26.1	9.9	96	81.8	19.8	38.8	52.9	6.9	39.6	3299	32623
AVERAGE				35.7	29.1	10.3	97.1	82.0	20.1	38.5	53.3	6.9	38.6	3311	34178	36.3	27.8	10.0	96.6	81.4	20.6	39.7	53.0	6.8	38.0	3258	32808
HIGHEST				38.9	34.7	11.0	99.1	86.5	21.5	40.6	63.1	7.5	40.4	3574	36294	38.7	33.2	11.1	100.0	86.1	22.9	42.1	62.0	7.6	41.7	3555	37480
LOWEST				31.9	25.4	9.1	93.6	80.5	17.7	36.6	51.4	6.5	35.4	3204	32088	32.6	25.3	8.9	88.6	79.3	17.6	36.3	50.0	6.3	34.3	3072	29288
CV (%)				6.2	6.5	7.9	5.0	2.3	9.8	6.9	6.8	5.5	7.9	4	7	5.4	5.3	6.7	6.8	2.6	8.7	7.2	7.2	5.3	7.6	5	7
LSD (5%)				1.1	0.9	0.4	2.3	0.9	0.9	1.3	1.7	0.2	1.5	62	1118	1.6	1.2	0.6	5.5	1.7	1.5	2.4	3.1	0.3	2.4	121	1885

2 Year Averages 2015 - 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	40.7	25.5	10.4	98	82.0	19.4	37.4	51.9	6.6	41.0	3322	34681	38.0	24.1	9.2	99	82.8	18.3	36.2	52.4	6.9	41.7	3380	30969
AGRIGOLD A6416STXRIB	107	P500	1,2,3,4,6	37.3	26.4	9.9	100	83.7	18.4	37.6	56.5	6.4	41.5	3418	33991	32.6	32.2	10.4	97	81.7	20.5	38.0	51.8	7.4	38.2	3300	33539
AGRIGOLD A6442STXRIB	109	P500	1,2,3,4,6	37.7	28.4	10.7	97	80.5	21.0	40.1	51.2	6.4	36.8	3212	33951	30.9	33.9	10.5	95	81.0	21.2	39.3	51.7	7.2	36.7	3243	32814
DAIRYLAND SEED Hi DF-3108RA	108	C250	1,2,3,4,6	34.8	30.5	10.6	99	80.5	20.5	39.2	50.5	6.4	36.7	3276	34421	30.2	31.5	9.5	93	80.3	22.4	41.5	52.6	7.1	32.6	3184	31954
DAIRYLAND SEED Hi DF-3510SSX	110	C250	1,2,3,4,6	32.4	34.0	11.1 *	100	81.4	21.5	39.7	53.3	6.5	37.2	3270	36905	29.9	36.8	10.9 *	96	81.2	21.8	39.5	52.3	7.0	36.1	3257	35728
DYNAGRO D50SS43	110	P500	1,2,3,4,6	40.2	29.1	11.7 **	99	81.7	19.6	38.6	52.6	6.3	39.5	3296	38483	32.3	32.9	10.7	99	80.8	21.6	39.7	51.8	7.3	37.1	3230	34056
GOLDEN HARVEST G05T82-3122	105	C500	1,2,3,4,6	39.6	26.8	10.6	100	81.9	19.4	38.6	53.3	6.4	38.8	3310	36141	33.0	28.4	9.4	96	82.0	20.3	39.1	53.9	7.0	36.5	3306	31815
GOLDEN HARVEST G07V88-3000(	107	C500	1,2,3,4	38.7	27.2	10.4	97	81.7	21.2	39.1	53.1	6.1	38.7	3293	33347	34.9	33.1	11.5 **	96	81.7	21.3	39.0	53.0	7.1	38.7	3287	37914
GREAT LAKES 5755STXRIB	107	P500	1,2,3,6	39.1	28.5	11.1 *	100	83.4	17.6	35.3	52.9	6.8	42.6	3423	37239	31.4	33.8	10.8 *	99	81.7	22.6	38.6	52.7	7.7	36.9	3291	33407
GREAT LAKES 6068STXRIB	110	P500	1,2,3,6	38.7	30.4	11.6 *	97	82.4	19.9	37.3	52.6	6.4	39.6	3347	39833	30.9	33.5	10.3	99	81.3	21.6	40.0	53.4	7.3	35.9	3259	33406
NK Brand N53W-3122	105	C500	1,2,3,4,6	38.5	28.6	11.1 *	99	81.5	19.3	37.9	51.2	6.8	39.6	3291	37885	35.2	30.7	10.7	95	83.4	17.3	34.8	52.3	7.3	41.6	3426	36836
NK Brand N61P-3000GT Brand	107	C500	1,2,3,4	40.6	26.0	10.6	95	83.6	18.5	35.5	53.6	6.5	43.1	3433	35739	36.0	29.1	10.3	91	82.5	19.8	36.6	52.1	6.7	40.3	3337	35739
NuTech/G2 GENETICS 5F-709™	109	P500	1,2,4,6	36.4	28.7	10.4	98	81.5	18.9	36.6	49.6	6.5	40.3	3301	34501	31.6	30.7	9.6	99	83.0	19.7	37.2	54.5	7.0	39.8	3381	33497
NuTech/G2 GENETICS 5H-806™	106	P500	1,2,4,6	37.8	27.3	10.3	98	82.9	19.1	36.8	53.6	6.8	40.6	3383	34985	33.9	31.5	10.7	100	81.9	21.5	39.7	54.4	7.0	37.0	3293	34290
PIONEER P0506AM	107	P1250	1,2,3,4,6	40.9	26.7	10.8	99	83.3	19.0	37.0	54.9	6.8	41.2	3400	36919	32.5	32.3	10.4	93	83.2	19.4	36.6	54.1	7.3	38.5	3376	35079
PIONEER P1180XR	111	C250	1,2,3,4,6	33.3	28.4	9.5	100	87.0	17.7	36.2	64.2	7.3	38.8	3591	35321	30.0	29.6	8.8	97	86.4	17.8	36.9	63.1	7.7	37.3	3577	31301
RENK RK712SSTX	106	P500	1,2,3,4,6	41.5	25.8	10.5	99	84.1	17.4	35.5	55.1	6.6	42.1	3462	35423	34.8	28.8	9.8	95	81.6	19.5	38.0	51.4	7.4	37.9	3292	33253
AVERAGE				38.1	28.1	10.7	98.4	82.5	19.3	37.6	53.5	6.6	39.9	3355	35869	32.8	31.3	10.2	96.3	82.1	20.4	38.3	53.4	7.2	37.8	3319	33859
HIGHEST				41.5	34.0	11.7	100.0	87.0	21.5	40.1	64.2	7.3	43.1	3591	39833	38.0	36.8	11.5	99.7	86.4	22.6	41.5	63.1	7.7	41.7	3577	37914
LOWEST				32.4	25.5	9.5	95.0	80.5	17.4	35.3	49.6	6.1	36.7	3212	33347	29.9	24.1	8.8	90.8	80.3	17.3	34.8	51.4	6.7	32.6	3184	30969
CV (%)				6.4	6.3	7.7	2.8	2.1	9.6	6.7	6.4	6.3	7.7	4	7	6.1	7.4	8.5	4.6	2.3	9.8	6.7	6.7	4.9	7.6	4	7
LSD (5%)				2.0	1.5	0.7	2.3	1.5	1.5	2.1	4.0	0.3	2.6	98	1992	1.7	1.9	0.7	3.7	1.5	1.7	2.1	2.9	0.3	2.4	105	2053

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

2 Year Averages 2015 - 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 Hi DF-3197-7	97	C500	1,2,4,6	37.9	22.5	8.6	97	83.6	20.5	40.3	59.4	8.2	36.7	3428	29125	36.7	23.3	8.8 *	99	83.3	20.9	40.1	58.3	8.8	37.2	3400	28874
DAIRYLAND SEED Hi DF-3290-9	90	C500	1,2,3,4	40.7	21.6	8.8	98	84.3	17.2	35.1	55.3	8.0	41.7	3506	31128	39.6	22.6	9.1 *	100	83.9	17.3	34.5	53.4	8.0	42.7	3478	31213
DAIRYLAND SEED Hi DF-3702-9	102	C500	1,2,3,4	30.4	26.2	8.0	93	84.8	19.9	40.2	62.1	8.5	34.4	3463	27408	30.0	28.1	8.6	98	85.5	20.0	39.1	62.6	9.1	38.3	3513	28739
GOLDEN HARVEST G01P52-3011A	101	C500	1,2,3,4,A	35.5	22.9	8.1	96	84.3	18.4	37.3	57.8	8.2	38.1	3488	28324	35.2	24.6	8.7	97	84.4	18.5	37.0	57.6	8.6	38.4	3488	29196
GOLDEN HARVEST G92T43-3111	92	C500	1,2,3,4,6	42.7	19.8	8.4	99	84.1	18.0	36.5	56.6	8.0	40.8	3486	29491	39.2	21.9	8.6	100	84.8	17.5	35.6	57.4	8.3	41.4	3526	30109
GREAT LAKES 4879STXRIB	98	P500	1,2,3,6	35.4	24.5	8.7	97	84.3	18.8	38.4	59.0	7.8	36.9	3481	29506	34.3	25.6	8.8 *	98	83.9	18.8	37.6	57.3	8.0	37.8	3459	29407
GREAT LAKES 5283STXRIB	102	P500	1,2,3,6	34.5	26.9	9.2 *	98	84.4	18.1	37.7	58.6	7.9	37.7	3494	32052	33.0	28.5	9.4 **	98	84.2	18.2	38.0	58.6	8.3	37.6	3475	32440
NK Brand N29T-3111 Brand	92	C500	1,2,3,4,6	42.1	20.5	8.8	97	82.9	19.8	38.5	55.5	8.0	37.3	3391	29401	39.3	21.6	8.6	100	83.0	20.2	37.7	55.3	8.4	37.9	3408	28592
NK Brand N35T-3110	95	C500	1,2,4,6	39.7	22.5	8.9	100	83.1	18.9	38.5	56.0	7.7	37.5	3414	30225	38.9	21.9	8.6	100	83.1	18.8	37.6	55.3	8.2	39.4	3415	29075
NK Brand N45P-3011A	101	C500	1,2,3,4,A	35.4	22.0	7.8	95	83.9	19.5	39.1	58.6	8.2	35.9	3435	26680	34.5	23.2	8.1	97	83.0	20.3	39.9	57.3	8.7	35.6	3384	27040
NuTech 5N-803™	101	C500	1,2,3,4	35.4	26.2	9.4 **	92	83.8	20.1	40.4	59.9	8.2	34.1	3430	31744	34.3	26.3	9.2 *	98	83.3	20.4	40.1	58.3	8.9	34.0	3393	30518
NuTech/G2 GENETICS 5H-502™	102	P500	1,2,4,6	35.1	23.8	8.4	98	82.9	20.5	40.1	57.1	8.4	35.0	3362	28579	33.6	25.8	8.8 *	99	82.8	20.3	39.1	55.9	9.1	34.0	3329	29059
PIONEER P0238XR	102	C250	1,2,3,4,6,7	32.8	22.9	7.5	98	87.1	18.6	39.3	67.0	9.4	34.5	3624	27300	30.9	24.3	7.7	99	86.5	19.8	40.0	66.2	10.1	33.0	3574	27327
PIONEER P9789AMXT	95	C250	1,2,3,4,6	38.1	21.2	8.1	91	83.9	19.5	38.5	58.0	8.3	38.2	3448	27568	35.8	22.0	8.0	90	82.9	21.9	39.8	56.9	8.7	35.7	3363	26118
WOLF RIVER VALLEY 3396FLRR	95	C250	1,8	35.7	23.9	8.7	94	81.4	22.4	43.4	57.1	8.7	30.6	3273	28781	33.8	24.3	8.4	96	81.3	22.6	43.0	56.6	9.8	30.0	3255	27066
AVERAGE				36.8	23.2	8.5	96.1	83.9	19.3	38.9	58.5	8.2	36.6	3448	29154	35.3	24.3	8.6	98.1	83.7	19.7	38.6	57.8	8.7	36.9	3431	28985
HIGHEST				42.7	26.9	9.4	99.7	87.1	22.4	43.4	67.0	9.4	41.7	3624	32052	39.6	28.5	9.4	100.0	86.5	22.6	43.0	66.2	10.1	42.7	3574	32440
LOWEST				30.4	19.8	7.5	91.0	81.4	17.2	35.1	55.3	7.7	30.6	3273	26680	30.0	21.6	7.7	90.4	81.3	17.3	34.5	53.4	8.0	30.0	3255	26118
CV (%)				5.5	7.6	9.4	9.1	2.2	9.8	7.5	5.5	5.1	8.5	4	7	5.8	6.3	8.5	4.2	2.3	10.6	7.9	5.8	5.6	8.6	4	7
LSD (5%)				1.1	1.0	0.4	5.0	1.1	1.1	1.7	1.9	0.3	1.8	74	1109	1.6	1.2	0.6	3.4	1.6	1.6	2.4	3.9	0.4	2.6	109	1498

2 Year Averages 2015 - 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 Hi DF-3197-7	97	C500	1,2,4,6													39.2	21.6	8.5	95	84.0	20.1	40.5	60.5	7.7	36.2	3456	29376
DAIRYLAND SEED Hi DF-3290-9	90	C500	1,2,3,4													41.8	20.6	8.5	97	84.7	17.1	35.8	57.2	7.9	40.6	3534	31043
DAIRYLAND SEED Hi DF-3702-9	102	C500	1,2,3,4													30.9	24.4	7.5	89	84.1	19.8	41.3	61.5	7.9	30.5	3413	26078
GOLDEN HARVEST G01P52-3011A	101	C500	1,2,3,4,A													35.8	21.2	7.6	94	84.2	18.3	37.7	58.0	7.7	37.8	3489	27453
GOLDEN HARVEST G92T43-3111	92	C500	1,2,3,4,6													46.3	17.8	8.1	97	83.4	18.4	37.5	55.7	7.8	40.1	3447	28873
GREAT LAKES 4879STXRIB	98	P500	1,2,3,6													36.5	23.3	8.5	95	84.7	18.7	39.3	60.8	7.5	36.1	3503	29606
GREAT LAKES 5283STXRIB	102	P500	1,2,3,6													36.0	25.2	9.0 *	98	84.6	18.0	37.4	58.6	7.6	37.8	3514	31664
NK Brand N29T-3111 Brand	92	C500	1,2,3,4,6													44.9	19.4	9.0 *	94	82.7	19.4	39.2	55.8	7.7	36.8	3374	30211
NK Brand N35T-3110	95	C500	1,2,4,6													40.5	23.1	9.2 *	99	83.0	18.9	39.5	56.7	7.1	35.7	3413	31375
NK Brand N45P-3011A	101	C500	1,2,3,4,A													36.3	20.9	7.6	92	84.7	18.8	38.2	59.9	7.7	36.3	3485	26319
NuTech 5N-803™	101	C500	1,2,3,4													36.5	26.2	9.5 **	87	84.4	19.8	40.7	61.4	7.5	34.1	3466	32969
NuTech/G2 GENETICS 5H-502™	102	P500	1,2,4,6													36.6	21.9	8.0	97	83.0	20.7	41.1	58.3	7.7	36.0	3395	28098
PIONEER P0238XR	102	C250	1,2,3,4,6,7													34.7	21.5	7.4	97	87.8	17.4	38.5	67.9	8.6	36.1	3674	27274
PIONEER P9789AMXT	95	C250	1,2,3,4,6													40.4	20.4	8.2	92	84.9	17.2	37.2	59.2	7.9	40.7	3533	29019
WOLF RIVER VALLEY 3396FLRR	95	C250	1,8													37.6	23.6	9.1 *	91	81.5	22.2	43.7	57.7	7.6	31.1	3292	30496
AVERAGE																38.3	22.1	8.4	94.2	84.1	19.0	39.2	59.3	7.7	36.4	3466	29323
HIGHEST																46.3	26.2	9.5	99.3	87.8	22.2	43.7	67.9	8.6	40.7	3674	32969
LOWEST																30.9	17.8	7.4	86.5	81.5	17.1	35.8	55.7	7.1	30.5	3292	26078
CV (%)																5.1	8.6	9.7	12.4	2.1	8.8	7.2	5.2	4.4	8.3	4	7
LSD (5%)																1.6	1.6	0.7	9.5	1.5	1.4	2.3	3.5	0.3	2.5	100	1741

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybric

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

2015				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 DS-9693	93	C500	1,2,3,4,6	35.8	19.4	7.1	85	83.8	18.3	36.4	55.6	9.2	35.8	3382	24673	32.6	18.6	6.1	97	85.1	16.0	33.2	55.1	10.9	35.9	3405	22256
DAIRYLAND SEED Hi DF-3099-9	99	C500	1,2,3,4,6	30.4	26.3	8.1 *	91	82.6	18.5	38.1	54.4	9.3	34.7	3352	27038	27.8	24.9	7.0	97	82.7	19.0	37.6	53.9	11.0	34.7	3376	23649
DAIRYLAND SEED Hi DF-3188-6	88	C500	1	42.0	16.3	6.8	98	85.8	16.1	33.6	57.8	8.4	42.1	3597	23997	37.2	16.0	5.9	98	86.4	16.1	33.0	58.8	9.3	41.4	3634	22178
DAIRYLAND SEED Hi DF-3197-7	97	C500	1,2,4,6	35.5	21.5	7.7	94	84.8	18.3	36.6	58.6	8.7	39.3	3512	26295	32.3	21.0	6.8	99	85.8	17.6	34.5	58.9	10.3	40.6	3587	23070
DAIRYLAND SEED Hi DF-3290-9	90	C500	1,2,3,4	38.8	21.3	8.3 *	97	85.4	15.3	32.0	54.6	8.0	44.3	3583	29506	33.3	21.4	7.2	99	86.4	14.6	30.4	55.1	8.7	44.7	3647	26236
DAIRYLAND SEED Hi DF-3700SSX	100	C500	1,2,3,4,6	32.3	24.2	7.9	97	84.5	17.2	35.8	56.8	8.6	37.0	3476	27702	28.8	23.7	6.8	99	85.0	17.0	35.8	58.0	10.7	35.4	3525	23080
DAIRYLAND SEED Hi DF-3702-9	102	C500	1,2,3,4	27.5	25.4	7.0	89	84.0	19.3	38.6	58.6	9.2	34.4	3444	25081	25.9	23.4	6.1	96	84.9	18.9	36.8	58.9	10.9	36.2	3510	22189
DYNAGRO D37SS60	97	P500	1,2,3,4,6	34.2	20.5	7.0	79	85.2	16.6	34.8	57.5	8.8	40.3	3549	28212	30.1	20.8	6.3	100	86.1	16.2	34.0	59.0	9.9	39.9	3607	24366
GOLDEN HARVEST G01P52-3011A	101	C500	1,2,3,4,A	34.3	22.5	7.6	96	84.0	17.6	35.6	54.9	8.6	38.5	3470	27408	32.9	21.5	6.9	98	84.6	17.4	34.9	55.9	9.9	38.4	3513	24321
GOLDEN HARVEST G92T43-3111	92	C500	1,2,3,4,6	40.8	18.9	7.5	100	84.7	16.8	34.8	56.3	8.4	41.1	3523	26693	32.0	20.3	6.4	100	86.8	15.3	32.8	59.6	9.6	40.8	3658	23396
GOLDEN HARVEST G95D32-3110	95	C500	1,2,4,6	33.1	24.0	7.6	100	83.2	17.2	34.7	51.8	8.1	37.1	3329	25966	31.6	21.2	6.0	100	85.5	15.2	31.5	53.7	9.2	38.1	3428	20512
GREAT LAKES 4548STXRIB	95	P500	1,2,3,6	34.3	23.0	7.8	97	84.9	16.9	35.0	56.9	8.1	36.4	3434	26460	32.4	21.6	7.0	99	85.8	16.1	33.6	57.9	9.1	36.4	3475	23727
GREAT LAKES 4879STXRIB	98	P500	1,2,3,6	33.5	24.3	8.2 *	95	84.8	17.6	35.8	57.6	8.2	38.2	3519	28609	31.2	23.3	7.3	99	86.2	16.7	33.5	58.8	9.2	38.9	3621	26342
GREAT LAKES 5283STXRIB	102	P500	1,2,3,6	32.8	26.1	8.4 *	98	85.4	16.5	34.5	57.6	8.3	39.1	3563	29841	30.2	26.0	7.7 *	99	86.1	16.3	34.1	59.2	9.4	38.1	3611	27629
MASTERS CHOICE MCT-4881	98	C250	1	32.5	24.4	7.8	98	83.7	17.8	36.6	55.4	8.4	37.4	3442	26875	28.3	23.7	6.5	97	84.7	17.1	34.2	55.0	10.2	39.1	3519	22889
MASTERS CHOICE MCT-527GT	105	C250	1	28.9	25.0	7.3	94	83.3	19.7	38.8	57.0	9.1	32.5	3353	23857	27.6	22.9	6.4	98	84.3	18.5	36.0	56.6	11.1	32.8	3383	20341
NK Brand N29T-3111 Brand	92	C500	1,2,3,4,6	39.9	19.9	8.1 *	94	83.7	18.2	36.6	55.4	8.3	37.3	3431	28542	32.4	20.7	6.7	100	84.9	17.7	35.2	57.1	9.3	38.7	3531	25274
NK Brand N35T-3110	95	C500	1,2,4,6	37.9	21.3	8.0	100	84.5	16.7	34.1	54.7	8.1	40.5	3518	27851	34.4	18.7	6.4	100	85.8	16.1	32.6	56.2	9.5	41.4	3600	23085
NK Brand N45P-3011A	101	C500	1,2,3,4,A	33.7	20.7	7.0	92	84.5	16.8	35.7	56.7	8.9	39.6	3503	24410	31.7	18.4	5.7	97	84.5	16.9	35.2	55.8	10.6	39.0	3500	20091
NuTech 5N-195™	95	P500	1,2,3,4	36.6	20.4	7.5	96	85.4	16.9	35.7	59.1	8.7	38.9	3555	27432	30.8	20.9	6.4	94	86.2	16.5	33.6	58.8	10.1	39.4	3616	23214
NuTech 5N-406™	105	P500	1,2,3,4	29.8	28.5	8.4 *	87	84.1	18.9	36.9	57.2	8.2	33.2	3352	28818	29.9	27.3	8.2 **	98	86.8	16.8	33.9	61.1	9.9	34.3	3550	29154
NuTech 5N-803™	101	C500	1,2,3,4	34.0	26.0	8.8 **	89	84.8	18.1	36.7	58.5	9.1	36.8	3497	30267	30.0	23.0	6.9	99	85.0	18.1	35.6	57.9	11.1	37.0	3526	23718
NuTech/G2 GENETICS 5F-198™	98	P500	1,2,4,6	35.4	19.5	7.1	95	84.3	17.5	36.1	56.6	8.7	40.0	3486	25248	30.9	17.7	5.5	98	85.1	17.0	34.9	57.2	10.5	40.6	3538	20243
NuTech/G2 GENETICS 5H-502™	102	P500	1,2,4,6	32.7	22.2	7.4	97	84.0	17.7	35.5	54.9	9.1	36.6	3420	26176	29.6	20.4	6.1	99	84.4	17.3	34.5	54.6	10.8	33.8	3396	20724
PIONEER P0238XR	102	C250	1,2,3,4,6,7	30.6	21.7	6.7	96	87.0	17.3	36.2	64.0	10.0	36.9	3635	24446	27.2	20.9	5.8	99	86.9	18.0	36.9	64.4	12.0	34.5	3619	21035
PIONEER P0242AMXT	104	C250	1,2,3,4,6	32.1	25.1	8.1 *	99	84.7	17.8	35.5	56.9	7.9	38.5	3516	28260	30.4	24.1	7.3	97	85.4	16.4	33.5	56.3	9.0	39.4	3571	25940
PIONEER P0496AMX	106	C250	1,2,3,4,6,7	31.5	23.7	7.5	99	84.6	17.9	36.6	57.9	9.1	37.7	3494	26999	29.4	22.1	6.5	100	85.7	16.3	34.8	58.9	10.8	38.8	3575	24971
PIONEER P9789AMXT	95	C250	1,2,3,4,6	35.4	22.5	8.1 *	99	85.0	18.1	34.8	56.8	8.6	40.5	3518	27937	30.9	20.3	6.3	98	84.6	20.2	34.8	55.9	10.0	37.1	3481	20787
WOLF RIVER VALLEY 3396FLRR	95	C250	1,8	33.4	22.4	7.5	90	83.8	18.8	37.9	57.3	9.9	34.6	3437	26767	28.5	20.2	5.7	94	84.4	18.5	36.9	57.5	12.4	33.1	3473	20700
WOLF RIVER VALLEY 3685FL	85	C250	8	37.9	17.1	6.7	86	83.4	19.1	37.6	55.8	9.5	36.4	3419	23398	33.2	15.1	5.3	88	84.5	19.5	35.6	56.6	10.8	38.5	3499	19422
AVERAGE				34.2	22.5	7.6	94.1	84.5	17.6	35.9	56.8	8.7	37.9	3477	26826	30.8	21.3	6.5	98.0	85.3	17.1	34.4	57.4	10.2	37.9	3532	23151
HIGHEST				42.0	28.5	8.8	100.0	87.0	19.7	38.8	64.0	10.0	44.3	3635	30267	37.2	27.3	8.2	100.0	86.9	20.2	37.6	64.4	12.4	44.7	3658	29154
LOWEST				27.5	16.3	6.7	79.1	82.6	15.3	32.0	51.8	7.9	32.5	3329	23398	25.9	15.1	5.3	87.7	82.7	14.6	30.4	53.7	8.7	32.8	3376	19422
CV (%)				6.1	9.0	10.8	12.3	2.0	9.3	7.2	5.5	5.6	8.1	3	7	6.1	7.5	9.8	5.1	1.9	9.5	7.6	5.6	6.3	8.0	3	6
LSD (5%)				1.7	1.7	0.7	9.5	1.4	1.4	2.1	2.6	0.4	2.5	99	1586	2.2	1.9	0.8	5.8	1.9	1.9	3.1	5.4	0.8	3.6	136	1643

2015				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 DS-9693	93	C500	1,2,3,4,6													39.0	20.3	8.1	74	82.6	20.7	39.6	56.1	7.6	35.8	3358	27091
DAIRYLAND SEED Hi DF-3099-9	99	C500	1,2,3,4,6													33.0	27.7	9.1	84	82.6	18.0	38.6	54.8	7.7	34.7	3328	30427
DAIRYLAND SEED Hi DF-3188-6	88	C500	1													46.7	16.5	7.7	99	85.3	16.2	34.1	56.9	7.5	42.7	3560	25817
DAIRYLAND SEED Hi DF-3197-7	97	C500	1,2,4,6													38.7	22.0	8.6	89	83.9	19.1	38.8	58.4	7.2	38.1	3438	29520
DAIRYLAND SEED Hi DF-3290-9	90	C500	1,2,3,4													44.3	21.2	9.3	94	84.5	15.9	33.7	54.1	7.4	43.9	3518	32776
DAIRYLAND SEED Hi DF-3700SSX	100	C500	1,2,3,4,6													35.9	24.8	8.9	94	84.1	17.4	35.8	55.6	6.5	38.5	3427	32324
DAIRYLAND SEED Hi DF-3702-9	102	C500	1,2,3,4													29.1	27.4	8.0	82	83.1	19.7	40.4	58.2	7.4	32.6	3379	27973
DYNAGRO D37SS60	97	P500	1,2,3,4,6													38.4	20.1	7.8	58	84.3	17.1	35.6	56.0	7.7	40.6	3491	32057
GOLDEN HARVEST G01P52-3011A	101	C500	1,2,3,4,A													35.7	23.5	8.4	93	83.3	17.8	36.2	54.0	7.2	38.6	3428	30496
GOLDEN HARVEST G92T43-3111	92	C500	1,2,3,4,6													49.7	17.5	8.7	99	82.7	18.3	36.8	53.0	7.2	41.4	3388	29991
GOLDEN HARVEST G95D32-3110	95	C500	1,2,4,6													34.6	26.9	9.3	99	81.0	19.3	37.9	49.9	7.0	36.2	3230	31420
GREAT LAKES 4548STXRIB	95	P500	1,2,3,6													36.2	24.5	8.6	96	83.9	17.8	36.5	56.0	7.0	36.4	3392	29193
GREAT LAKES 4879STXRIB	98	P500	1,2,3,6													35.7	25.3	9.0	90	83.4	18.6	38.1	56.4	7.2	37.4	3417	30875
GREAT LAKES 5283STXRIB	102	P500	1,2,3,6													35.4	26.1	9.1	97	84.6	16.8	35.0	56.0	7.2	40.2	3515	32053
MASTERS CHOICE MCT-4881	98	C250	1													36.8	25.1	9.2	98	82.7	18.5	39.1	55.8	6.6	35.7	3365	30861
MASTERS CHOICE MCT-527GT	105	C250	1													30.2	27.0	8.2	89	82.3	20.9	41.6	57.3	7.0	32.1	3323	27372
NK Brand N29T-3111 Brand	92	C500	1,2,3,4,6													47.5	19.1	9.6 *	89	82.5	18.6	38.0	53.8	7.3	36.0	3331	31811
NK Brand N35T-3110	95	C500	1,2,4,6													41.4	23.9	9.5 *	100	83.3	17.2	35.6	53.1	6.7	39.7	3437	32617
NK Brand N45P-3011A	101	C500	1,2,3,4,A													35.6	23.1	8.2	86	84.6	16.7	36.2	57.6	7.3	40.2	3506	28730
NuTech 5N-195™	95	P500	1,2,3,4													42.4	19.9	8.6	97	84.7	17.3	37.8	59.5	7.4	38.4	3495	31650
NuTech 5N-406™	105	P500	1,2,3,4													29.8	29.7	8.6	76	81.3	20.9	39.9	53.3	6.5	32.1	3153	28482
NuTech 5N-803™	101	C500	1,2,3,4													38.1	29.1	10.6 **	78	84.5	18.1	37.8	59.1	7.1	36.7	3468	36816
NuTech/G2 GENETICS 5F-198™	98	P500	1,2,4,6													39.9	21.4	8.8	91	83.5	18.1	37.3	55.9	7.0	39.4	3434	30254
NuTech/G2 GENETICS 5H-502™	102	P500	1,2,4,6													35.8	23.9	8.7	94	83.6	18.1	36.5	55.1	7.4	39.3	3443	31629
PIONEER P0238XR	102	C250	1,2,3,4,6,7													33.9	22.5	7.6	94	87.1	16.6	35.5	63.7	8.0	39.3	3651	27856
PIONEER P0242AMXT	104	C250	1,2,3,4,6													33.8	26.2	8.8	100	84.0	19.1	37.6	57.5	6.7	37.6	3461	30580
PIONEER P0496AMX	106	C250	1,2,3,4,6,7													33.5	25.4	8.5	98	83.4	19.5	38.5	56.9	7.4	36.6	3414	29027
PIONEER P9789AMXT	95	C250	1,2,3,4,6													39.9	24.7	9.9 *	100	85.3	16.0	34.9	57.8	7.2	43.9	3555	35086
WOLF RIVER VALLEY 3396FLRR	95	C250	1,8													38.2	24.5	9.3	86	83.3	19.2	39.0	57.1	7.4	36.2	3402	32833
WOLF RIVER VALLEY 3685FL	85	C250	8													42.5	19.1	8.2	85	82.3	18.6	39.5	55.1	8.2	34.3	3338	27375
AVERAGE																37.7	23.6	8.8	90.3	83.6	18.2	37.4	56.1	7.2	37.8	3421	30500
HIGHEST																49.7	29.7	10.6	100.0	87.1	20.9	41.6	63.7	8.2	43.9	3651	36816
LOWEST																29.1	16.5	7.6	58.2	81.0	15.9	33.7	49.9	6.5	32.1	3153	25817
CV (%)																6.0	10.0	10.9	17.2	2.0	9.1	6.9	5.4	3.9	8.2	4	8
LSD (5%)																2.7	2.8	1.1	18.2	2.0	2.0	3.0	5.1	0.3	3.7	145	2935

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

-2 Year Averages Continued On Page 43.

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

2015				TRIAL AVERAGE												Alger											
				YIELD				% QUALITY						MILK 2006		YIELD				% QUALITY						MILK 2006	
BRAND / HYBRID	RM	TRT	TRAIT	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
GREAT LAKES 4250VT2RIB	92	P500	1,2	31.9	23.3	7.4 *	99	83.8	18.6	38.0	57.4	7.6	37.2	3454	25522	31.3	18.9	5.9 *	97	85.8	17.9	37.8	62.4	7.4	35.8	3597	21275
GREAT LAKES 4548STXRIB	95	P500	1,2,3,6	31.2	24.2	7.6 **	96	83.4	18.1	37.6	55.7	7.5	36.5	3335	25846	30.8	20.3	6.1 *	90	85.1	17.8	37.1	59.9	7.4	31.7	3279	19878
GREAT LAKES 4879STXRIB	98	P500	1,2,3,6	29.4	25.6	7.6 **	95	83.4	19.4	39.8	58.3	7.2	34.4	3396	25894	27.5	22.3	6.1 *	86	84.0	20.5	41.4	61.3	7.1	29.9	3405	21622
NuTech 5N-195™	95	P500	1,2,3,4	31.4	22.2	7.0	96	83.2	18.6	39.7	57.8	7.4	35.3	3373	23919	30.4	19.2	5.9 *	89	84.2	18.6	40.7	61.2	6.7	35.0	3486	20453
NuTech 5N-290™	90	P500	1,2,3,4	32.8	22.1	7.2 *	95	82.5	19.7	39.0	55.0	7.1	35.5	3301	23175	30.0	19.0	5.6 *	85	82.7	20.4	40.9	57.9	6.4	29.5	3196	16350
NuTech/G2 GENETICS 5F-196™	96	P500	1,2,4,6	32.7	21.1	6.9	74	83.4	18.7	38.6	57.1	7.3	38.0	3426	24672	32.2	13.5	4.3	41	84.9	17.3	37.1	59.4	7.4	36.8	3550	17057
NuTech/G2 GENETICS 5F-198™	98	P500	1,2,4,6	32.6	22.4	7.3 *	90	83.5	18.8	38.4	57.0	7.5	37.0	3411	24637	30.8	18.0	5.6 *	74	84.8	18.0	39.5	61.6	7.6	32.4	3465	19285
NuTech/G2 GENETICS 5H-502™	102	P500	1,2,4,6	28.7	24.9	7.3 *	95	81.9	21.8	41.3	56.5	7.6	31.7	3268	23204	28.6	20.3	5.8 *	88	84.1	20.0	40.0	60.2	7.2	31.2	3407	19720
NuTech/G2 GENETICS 5X-894™	94	P500	1,2,3,4,6	33.1	19.9	6.7	87	83.6	17.7	37.3	56.0	7.7	37.6	3399	22477	32.9	14.8	4.9	65	85.4	16.6	36.6	59.8	7.5	38.3	3580	17683
PIONEER P0238XR	102	C250	1,2,3,4,6,7	26.7	24.4	6.5	97	86.3	19.6	40.3	65.9	8.4	31.1	3510	22992	24.9	20.4	5.1	95	87.2	19.5	40.7	68.7	7.7	28.8	3525	17905
PIONEER P9789AMXT	95	C250	1,2,3,4,6	31.6	24.2	7.6 **	96	82.8	20.0	40.3	57.2	7.5	35.4	3376	26864	30.6	20.4	6.2 **	89	83.7	21.0	42.4	61.5	6.9	31.9	3445	21472
AVERAGE				31.1	23.1	7.2	92.7	83.4	19.2	39.1	57.6	7.5	35.4	3386	24473	30.0	18.8	5.6	81.8	84.7	18.9	39.5	61.2	7.2	32.8	3449	19337
HIGHEST				33.1	25.6	7.6	99.1	86.3	21.8	41.3	65.9	8.4	38.0	3510	26864	32.9	22.3	6.2	97.2	87.2	21.0	42.4	68.7	7.7	38.3	3597	21622
LOWEST				26.7	19.9	6.5	74.2	81.9	17.7	37.3	55.0	7.1	31.1	3268	22477	24.9	13.5	4.3	40.8	82.7	16.6	36.6	57.9	6.4	28.8	3196	16350
CV (%)				6.3	6.9	9.2	14.1	2.2	8.6	6.9	6.2	4.8	7.2	4	8	4.9	9.8	11.7	19.3	1.8	8.0	7.4	3.6	5.7	7.3	4	9
LSD (5%)				1.3	1.1	0.4	8.6	1.3	1.1	1.8	2.4	0.3	1.7	92	1377	1.8	2.2	0.8	19.0	1.9	1.8	3.5	3.9	0.5	2.9	159	2132

2 Year Averages 2015 - 2014				TRIAL AVERAGE												Alger											
				YIELD				% QUALITY						MILK 2006		YIELD				% QUALITY						MILK 2006	
BRAND / HYBRID	RM	TRT	TRAIT	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
GREAT LAKES 4879STXRIB	98	P500	1,2,3,6																								
NuTech/G2 GENETICS 5F-198™	98	P500	1,2,4,6																								
NuTech/G2 GENETICS 5X-894™	94	P500	1,2,3,4,6																								
PIONEER P0238XR	102	C250	1,2,3,4,6,7																								
PIONEER P9789AMXT	95	C250	1,2,3,4,6																								
AVERAGE																											
HIGHEST																											
LOWEST																											
CV (%)																											
LSD (5%)																											

2015				Delta												Menominee - 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
GREAT LAKES 4250VT2RIB	92	P500	1,2	30.3	25.9	7.8 *	100	83.1	18.6	38.0	55.4	7.8	35.7	3409	26729	34.2	25.2	8.5 *	100	82.7	19.2	38.2	54.6	7.7	40.1	3357	28561
GREAT LAKES 4548STXRIB	95	P500	1,2,3,6	30.1	25.6	7.7 *	98	83.4	17.9	38.3	56.7	7.6	37.6	3426	26424	32.8	26.6	8.9 *	99	81.5	18.6	37.3	50.5	7.7	40.3	3299	31234
GREAT LAKES 4879STXRIB	98	P500	1,2,3,6	28.5	27.1	7.7 *	100	84.0	18.2	38.9	58.7	7.3	36.0	3453	26633	32.3	27.4	8.8 *	100	82.3	19.6	39.2	54.8	7.1	37.4	3331	29428
NuTech 5N-195™	95	P500	1,2,3,4	31.3	23.1	7.2	99	84.2	17.5	37.4	57.8	7.5	34.0	3374	24440	32.5	24.3	7.9	100	81.4	19.8	40.9	54.4	8.1	37.1	3258	26865
NuTech 5N-290™	90	P500	1,2,3,4	30.3	26.8	8.1 *	100	83.3	19.9	39.2	57.4	7.3	35.6	3414	27709	38.0	20.5	7.7	100	81.4	18.9	37.0	49.8	7.7	41.4	3293	25466
NuTech/G2 GENETICS 5F-196™	96	P500	1,2,4,6	31.9	25.5	8.1 *	94	83.3	19.0	39.0	57.2	7.0	37.2	3416	29459	33.9	24.5	8.3 *	88	82.1	19.8	39.7	54.9	7.5	40.0	3312	27500
NuTech/G2 GENETICS 5F-198™	98	P500	1,2,4,6	33.2	22.8	7.7 *	97	84.0	17.8	36.3	55.8	7.3	38.9	3473	27477	33.8	26.2	8.5 *	97	81.7	20.7	39.2	53.5	7.7	39.7	3295	27150
NuTech/G2 GENETICS 5H-502™	102	P500	1,2,4,6	28.5	24.7	7.0	96	83.6	20.7	39.0	58.0	7.8	32.8	3362	22105	29.1	29.8	9.1 **	100	78.1	24.6	45.0	51.4	7.8	31.1	3036	27787
NuTech/G2 GENETICS 5X-894™	94	P500	1,2,3,4,6	30.7	24.2	7.7 *	97	82.1	19.1	38.5	53.6	7.7	33.0	3207	24571	35.8	20.7	7.4	98	83.3	17.4	36.8	54.7	7.8	41.6	3409	25175
PIONEER P0238XR	102	C250	1,2,3,4,6,7	26.6	26.7	7.1	97	86.8	19.2	39.6	66.5	8.4	30.6	3560	25325	28.7	26.0	7.5	99	84.8	20.3	40.6	62.6	9.0	34.0	3447	25745
PIONEER P9789AMXT	95	C250	1,2,3,4,6	30.5	26.9	8.2 **	100	82.0	19.9	39.8	54.8	7.8	35.0	3333	29164	33.8	25.2	8.5 *	100	82.7	19.1	38.9	55.4	7.8	39.4	3351	29955
AVERAGE				30.2	25.4	7.7	98.1	83.6	18.9	38.5	57.4	7.6	35.1	3402	26367	33.2	25.1	8.3	98.2	82.0	19.8	39.3	54.2	7.8	38.4	3308	27715
HIGHEST				33.2	27.1	8.2	100.0	86.8	20.7	39.8	66.5	8.4	38.9	3560	29459	38.0	29.8	9.1	100.0	84.8	24.6	45.0	62.6	9.0	41.6	3447	31234
LOWEST				26.6	22.8	7.0	94.1	82.0	17.5	36.3	53.6	7.0	30.6	3207	22105	28.7	20.5	7.4	87.9	78.1	17.4	36.8	49.8	7.1	31.1	3036	25175
CV (%)				6.3	4.7	8.4	3.6	2.3	7.9	6.7	6.8	3.9	6.3	4	9	7.1	6.6	8.1	3.2	2.5	9.5	6.5	7.7	4.6	8.0	4	9
LSD (5%)				2.3	1.4	0.8	4.2	2.3	1.8	3.1	6.8	0.4	2.6	163	2743	2.8	2.0	0.8	3.7	2.5	2.3	3.1	7.3	0.4	3.7	164	2849

2 Year Averages 2015 - 2014				Delta												Menominee - 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
GREAT LAKES 4879STXRIB	98	P500	1,2,3,6	26.7	24.5	6.6 *	99	80.0	24.7	49.4	59.3	8.7	21.7	3057	20945												
NuTech/G2 GENETICS 5F-198™	98	P500	1,2,4,6	31.1	21.9	6.9 **	99	79.9	24.3	46.3	56.5	8.1	27.1	3155	22367												
NuTech/G2 GENETICS 5X-894™	94	P500	1,2,3,4,6	29.6	22.0	6.6 *	97	79.3	24.1	46.5	55.2	8.7	26.3	3046	20757												
PIONEER P0238XR	102	C250	1,2,3,4,6,7	24.8	23.7	5.9	98	84.2	24.1	47.6	66.7	9.5	18.6	3108	18970												
PIONEER P9789AMXT	95	C250	1,2,3,4,6	29.2	22.4	6.6 *	90	78.2	25.7	48.5	55.1	9.1	25.1	3038	20988												
AVERAGE				28.3	22.9	6.5	96.8	80.3	24.6	47.7	58.6	8.8	23.8	3081	20805												
HIGHEST				31.1	24.5	6.9	99.2	84.2	25.7	49.4	66.7	9.5	27.1	3155	22367												
LOWEST				24.8	21.9	5.9	90.3	78.2	24.1	46.3	55.1	8.1	18.6	3038	18970												
CV (%)				5.6	5.0	8.0	3.3	2.6	8.5	6.6	5.4	6.0	8.2	4	8												
LSD (5%)				1.4	1.0	0.5	2.7	1.8	1.6	2.4	3.7	0.4	1.9	108	1515												

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

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THANK YOU TO OUR FARM COOPERATORS:

ZONE 1

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ZONE 2

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ZONE 3

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