

2016 MICHIGAN CORN HYBRIDS COMPARED

MICHIGAN STATE
UNIVERSITY

College of Agriculture
and Natural Resources

Research conducted by Michigan State University.
Results of the 2016 Growing Season.



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Extension Bulletin E-431

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COMPANY INDEX

BRAND	CONTACT	BRAND	CONTACT	BRAND	CONTACT
AGRIGOLD	AgriGold Hybrids 5381 Akin Rd St. Francisville, IL 62460 www.agrigold.com	GREAT LAKES	Great Lakes Hybrids 9915 West M21 Ovid, MI 48866 www.greatlakeshybrids.com	RENK	Renk Seed Company 6809 Wilburn Road Sun Prairie, WI 53590 www.renkseed.com
BECK	Beck's Hybrids 6767 E. 276th Street Atlanta, IN 46031 www.beckshybrids.com	INTEGRA	Integra Fortified Seed 3300 S Parker Rd. Suite 500 Aurora, CO 80014 www.seed@wilberellis.com	RUPP	Rupp Seeds, Inc. 17919 Co. Rd. B Wauseon, OH 43567 www.ruppseeds.com
BLUE RIVER	Blue River Hybrids 2326 230th Street Ames, IA 50014 www.blueriverorgseed.com	KEY	AGRA Solutions, LLC 23778 Delphos Jennings Road Delphos, OH 45833 www.agrasolutions.com	SEED CONSULTANTS	Seed Consultants, Inc. 648 Miami Trace Rd. SW Washington C. H., OH 43160 www.seedconsultants.com
BRODBECK	Brodbeck Seeds 15 Ringel Avenue Wabash, IN 46992 www.brodbeckseed.com	LEGACY SEEDS	Legacy Seeds, Inc. P.O. Box 68 - 290 Depot St. Scandinavia, WI 54799 www.legacyseeds.com	SPECIALTY	Specialty Hybrids 306 N Main Street Monticello, IN 47960 www.specialtyhybrids.com
CHANNEL	Monsanto Company 800 N. Lindbergh Blvd. St. Louis, MO 63167 www.channel.com	LEGEND	Legend Seeds P.O. Box 241 DeSmet, SD 57231 www.legendseeds.com	STEYER	Steyer Seeds 6145 N. County Road 33 Tiffin, OH 44883 www.steyerseeds.com
CROPLAN	Croplan Genetics P.O. Box 64281, MS 5735 St Paul, MN 55164 www.croplan.com	M & W SEEDS	M & W Seeds Inc. 8443 Wilcox Road Eaton Rapids, MI 48827 www.mwseeds.com	T.A. SEEDS	T.A Seeds 39 Seeds Lane Jersey Shore, PA 17740 www.taseeds.com
DAIRYLAND	Dairyland Seed P.O. Box 958 West Bend, WI 53095 www.dairylandseed.com	MASTERS CHOICE	Masters Choice, Inc. 3010 State Route 146 E. Anna, IL 62906 www.seedcorn.com	VIKING	Albert Lea Seeds 1414 West Main Street P.O. Box 127 Albert Lea, MN 56007 www.seedhouse@alseed.com
DEKALB	Monsanto Company 800 N. Lindbergh Blvd. St. Louis, MO 63167 www.asgrowanddekalb.com	MYCOGEN	Mycogen Seeds 9330 Zionsville Road Indianapolis, IN 46268 www.mycogen.com	WELLMAN	Wellman Seeds, Inc. 23778 Delphos Jennings Rd. Delphos, OH 45833 www.wellmanseeds.com
DYNA-GRO	Dyna-Gro Seed 4648 S. Garfield Road Auburn, MI 48611 www.dyna-groseed.com	NK Brand	Syngenta Seeds, Inc. 11055 Wayzata Blvd. Minnetonka, MN 55440 www.syngenta.com	WYCKOFF	Wyckoff Hybrids 594 E 400 N Valparaiso, IN 46383 www.wyckoffhybrids.com
FOUNDATION DIRECT	Foundation Direct Seed 634 13th Avenue North Onalaska, WI 54650 www.foundationorganicseed.com	NuTech/ G2 GENETICS	NuTech Seed, LLC 2321 N. Loop Dr., Suite 230 Ames, IA 50010 www.nutechseed.com		
GOLDEN HARVEST	Syngenta Seed 11055 Wayzata Blvd. Minnetonka, MN 55440 www.syngenta.com	PARTNERS	Partners Brand Seed, LLC 4610 E SR120 Howe, IN 46746 www.partnersbrandseed.com		

2016

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 2016 trials (pg. 26 and 31, respectively). Thirteen grain and eleven silage locations were planted. A total of 369 hybrids from 34 brand names make up the 564 entries; that translates into 6,768 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 19.

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.varietrytrials.msu.edu>

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The results shown are the average of four replications grown in close proximity to one another. Two or more plots of the same hybrid in the same field may produce somewhat different results because of uncontrolled variability in the soil and other environmental factors. Replication and randomization of the entries were two methods employed to reduce this variation.

Because these methods do not eliminate all variables, the magnitude of difference necessary for statistical significance has been calculated for yield, moisture content, and test weight. The value calculated as the least significant difference (LSD) is the amount an individual hybrid would have to differ from another hybrid in the same test to be considered significantly different from that hybrid. The coefficient of variability, (CV) is indicative of a 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. 25 and 30). Fertilizer amounts are shown as total pounds per acre of nitrogen, P₂O₅, and K₂O applied during the season.

Season in Summary: 2016

Entry forms for participating companies were due March 15th; by the end of March we began receiving the hybrids 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 Commenced in Huron County on May 5th and ended in Alger County on May 31st. We experienced several rain delays between May 5th and May 17th. Beginning May 18th, we were able to plant nearly every day until completion. We did, however, have to make an unusual return trip to the Upper Peninsula due to a rain delay at our Alger County location. The planting depth is checked at each individual field and is adjusted according to the tillage practices and soil texture.

Weed control was applied at all fields. All but one weed control application was performed by our cooperators. Fertilizer applications were consistent with rates that were necessary based on soil type, soil samples and cooperator recommendations for their field.

Normally, stand counts are one of the least challenging tasks of the season; this year, stand counts were the most difficult challenge. Finding workers to help complete stand counts was the over-riding issue which slowed the pace in which the fields were counted and thinned.

- Season Continued On Page 6.

2016 GROWING SEASON WEATHER SUMMARY

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The 2016 growing season will go into the books as warmer-than-normal statewide with highly variable precipitation totals and timing of the precipitation that fell.

It was preceded by an unusually mild fall and winter with strong El Nino conditions in progress across the equatorial Pacific region.

For the state as a whole, winter (December through February) temperatures averaged out at 27.8 degrees F, which is 7.6 degrees above normal and the fifth warmest winter on record since 1895.

However, thanks to an active and persistent storm track through the Midwest region (largely to the west and north of Michigan), seasonal precipitation totals were above normal, with a state average value of 7.39 inches (2.08 inches above normal).

Given the mild temperatures, a majority of the precipitation fell as rain, and seasonal snowfall totals in most sections of the state remained well below normal. Some of the 2015/2016 winter statistics are typical of El Nino conditions and others are not.

Temperature-wise, the preceding winter (December through February) was much milder than normal, which is very typical of El Nino events. However, El Nino winters more often than not are drier than normal, which is a reminder that not all El Nino (or La Nina) events are identical, and that impacts can vary significantly from event to event.

During April, an active northern branch of the jet stream led to the passage of a series of upper-air troughs through the Upper Midwest region, resulting in a cool and wet weather pattern across Michigan and extended fieldwork and planting delays.

April ended up cooler than normal statewide, with departures from normal ranging from 1 degree below normal across southwestern sections of the state to more than 5 degrees below normal across northeastern sections. Precipitation totals generally ranged from 1.5 inches to more than 3 inches (from less than 75 percent of normal to more than 150 percent of normal), a significant portion of which fell as snow in northern sections.

Snowfall for the month was heavier than normal in almost all areas of the state and exceeded 30 inches in most northern sections (more than 300 percent of normal in some areas). Given wetter-than-normal conditions for much of the preceding winter and at least portions of April, all but extreme southwestern sections of the state were categorized by the Palmer Drought Severity Index as 'Unusually', 'Very', or 'Extremely Moist' by month's end.

Persistent upper air troughing across the region through the first half of May resulted in a continuation of cooler-than-normal temperatures and prolonged fieldwork delays.

An unusually cold air mass moved across the state on the 14th-16th, bringing unseasonably cold temperatures and some (very) late season snowfall. Fortunately, the cold air mass was accompanied by mostly cloudy, windy conditions, which prevented surface temperatures from falling much below the freezing mark.

A major upper air pattern shift across the Upper Midwest took place during the third week of May with the formation of a broad ridging feature which would generally persist for much of June, July and early August.

The change resulted in a prolonged period of mild, dry weather that finally allowed rapid progress of spring fieldwork and planting. However, by the first week in June, the extended dryness resulted in abnormally dry topsoils, slow germination of late-planted crops, delayed activation of some herbicides, and initial moisture stress for some shallow-rooted crops. In southern sections of the state on well-drained soils, the dryness prompted initial use of irrigation several weeks ahead of normal.

Drier-than-normal weather continued across much of the state during June and July, increasing levels of moisture stress in many crops. As of the first week of July, precipitation deficits since May 1st (observed versus normal totals) increased to as high as 5 inches in parts of the state and the U.S. Drought Monitor categorized much of Lower Michigan except for the southwest corner in D0 "abnormally dry" or D1 "moderate drought" categories.

In contrast to areas with precipitation deficits, western parts of the state, including the western Upper Peninsula, recorded normal or even above-normal precipitation totals during the same time frame with near-ideal growing conditions.

For June, mean temperatures across Michigan ranged from 1 degree below normal across extreme northwestern sections of the state to almost 2 degrees above normal across southern sections of Lower Michigan. Precipitation totals for June ranged from less than 1 inch across south central sections of the state (less than 50 percent of normal) to more than 6 inches across western Upper Michigan (more than 150 percent of normal).

Continued warm and dry weather led to increasing levels of moisture stress during the first three weeks of July.

Daytime temperatures in the 90s and high levels of solar radiation increased potential evapotranspiration rates into the 0.25 – 0.28 inches of water per day range, which far exceeded the water available to the crops in most cases.

Later-planted crops were particularly impacted by the stressful conditions. Late in the month, a series of weak weather disturbances brought showers and thunderstorms to most sections of the state on the 21st, 24th, and 30th, easing persistent dryness in many areas and providing moisture just in time for the water-sensitive pollination stage for a significant portion of the state's corn crop.

Rainfall totals for the last 10 days of July generally ranged from 2 inches -4 inches across much of western Lower Michigan. In some areas it was the heaviest rainfall since early spring.

Unfortunately, rainfall totals across eastern sections of the state were much less, and dryness and moisture stress continued as a problem for many crops in that portion of the state.

For July, rainfall totals generally ranged from less than 1.5 inches (less than 50 percent of normal) across eastern and northern sections of the Lower Peninsula to more than 6 inches (more than 200 percent of normal) in western Lower and Upper Michigan.

- 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)	57.1	58.2	-1.1	67.3	67.3	0.0	70.4	71.3	-0.9	70.6	69.3	1.3	64.6	61.6	3.0	66.0	65.5	0.5
		1.58	3.18	-1.60	2.83	3.67	-0.84	3.53	3.13	0.40	6.08	3.69	2.39	3.52	3.61	-0.09	17.54	17.28	0.26
		330	344	-14	530	527	3	623	648	-25	629	597	32	758	396	362	2870	2512	358
Zone 2	LENAWEE	59.0	58.2	0.8	69.7	68.0	1.7	73.1	72.3	0.8	73.0	70.3	2.7	67.4	62.7	4.7	68.4	66.3	2.1
	& WASHTENAW	1.25	2.97	-1.72	2.49	3.51	-1.02	2.34	3.00	-0.66	2.17	3.38	-1.21	1.24	3.34	-2.10	9.49	16.20	-6.71
	(Hudson)	356	346	10	583	541	42	689	675	14	684	624	60	480	415	65	2792	2601	191
Zone 3	WOOD (OH) (Bowling Green)	60.8	60.0	0.8	72.3	70.1	2.2	75.9	73.2	2.7	76.1	71.0	5.1	68.8	64.3	4.5	70.8	67.7	3.1
		2.45	3.85	-1.40	1.75	3.41	-1.66	2.02	3.76	-1.74	3.66	3.81	-0.15	6.03	2.86	3.17	15.91	17.69	-1.78
		386	371	15	657	595	62	782	691	91	790	641	149	564	454	110	3179	2752	427
Zone 4	ALLEGAN	58.0	58.2	-0.2	67.8	67.3	0.5	71.8	71.5	0.3	74.4	69.7	4.7	65.0	62.2	2.8	67.4	65.8	1.6
	(Fennville)	2.77	3.43	-0.66	2.60	3.74	-1.14	4.32	3.43	0.89	5.34	3.77	1.57	2.10	4.01	-1.91	17.13	18.38	-1.25
		349	340	9	517	526	-9	662	655	7	700	610	90	506	406	100	2734	2537	197
Zone 5	INGHAM	58.6	58.2	0.4	68.5	67.3	1.2	73.4	71.3	2.1	73.2	69.3	3.9	63.4	61.6	1.8	67.4	65.5	1.9
	(MSU)	2.06	3.18	-1.12	0.71	3.67	-2.96	3.78	3.13	0.65	6.40	3.69	2.71	4.18	3.61	0.57	17.13	17.28	-0.15
		355	344	11	550	527	23	696	648	48	700	597	103	449	396	53	2750	2512	238
Zone 6	SAGINAW	60.3	57.0	3.3	68.4	66.1	2.3	73.4	70.6	2.8	73.4	68.4	5.0	65.6	60.7	4.9	68.2	64.6	3.7
	(Saginaw)	2.11	2.83	-0.72	1.77	3.21	-1.44	3.43	2.83	0.60	5.88	3.38	2.50	2.57	3.81	-1.24	15.76	16.06	-0.30
		393	317	76	553	495	58	716	627	89	720	573	147	475	373	102	2857	2385	472
Zone 7	HURON	56.8	57.0	-0.2	65.5	66.1	-0.6	71.2	70.6	0.6	69.8	68.4	1.4	63.7	60.7	3.0	65.4	64.6	0.8
	(Pigeon)	1.54	2.83	-1.29	1.90	3.21	-1.31	2.19	2.83	-0.64	6.19	3.38	2.81	2.83	3.81	-0.98	14.65	16.06	-1.41
		329	317	12	479	495	-16	646	627	19	605	573	32	427	373	54	2486	2385	101
Zone 8	MASON	55.2	56.1	-0.9	65.4	65.0	0.4	70.5	69.7	0.8	71.3	68.0	3.3	65.4	60.2	5.2	65.6	63.8	1.8
	(Ludington)	1.86	2.98	-1.12	2.70	3.26	-0.56	6.38	2.74	3.64	1.75	4.03	-2.28	6.45	3.59	2.86	19.14	16.60	2.54
		316	302	14	487	471	16	646	609	37	666	564	102	471	362	109	2586	2308	278
Zone 9	MONTCALM	58.3	56.7	1.6	67.1	65.6	1.5	72.8	69.9	2.9	72.6	67.6	5.0	65.1	59.6	5.5	67.2	63.9	3.3
	(Entrican)	3.33	2.95	0.38	0.84	3.30	-2.46	4.00	2.74	1.26	5.37	3.85	1.52	3.16	3.71	-0.55	16.70	16.55	0.15
		327	323	4	518	488	30	703	610	93	697	555	142	459	357	102	2704	2333	371
Zone 10	GRAND TRAVERSE	54.9	53.9	1.0	64.5	62.9	1.6	70.8	67.8	3.0	71.3	66.1	5.2	64.1	58.3	5.8	65.1	61.8	3.3
	(NWMHS)	1.10	2.61	-1.51	2.03	3.09	-1.06	2.14	3.05	-0.91	3.58	3.52	0.06	3.90	3.78	0.12	12.75	16.05	-3.30
		294	270	24	450	425	25	642	556	86	657	513	144	438	317	121	2481	2081	400
Zone 11	IOSCO	56.0	57.0	-1.0	64.2	66.1	-1.9	71.5	70.6	0.9	71.2	68.4	2.8	63.5	60.7	2.8	65.3	64.6	0.7
	(Standish)	2.20	2.83	-0.63	1.88	3.21	-1.33	3.34	2.83	0.51	5.99	3.38	2.61	3.37	3.81	-0.44	16.78	16.06	0.72
		315	317	-2	451	495	-44	665	627	38	655	573	82	425	373	52	2511	2385	126
Zone 12	MENOMINEE	51.8	52.1	-0.3	60.0	60.7	-0.7	66.2	65.5	0.7	65.9	63.8	2.1	59.3	55.2	4.1	60.6	59.5	1.2
	(Stephenson)	4.42	1.08	3.34	3.54	3.47	0.07	3.49	3.54	-0.05	4.53	3.57	0.96	5.70	3.66	2.04	21.68	15.32	6.36
		244	225	19	353	386	-33	519	498	21	506	459	47	317	265	52	1939	1833	106
Zone 13	DELTA	52.6	52.1	0.5	61.8	60.7	1.1	68.1	65.5	2.6	68.5	63.8	4.7	61.2	55.2	6.0	62.4	59.5	3.0
	(Escanaba)	1.61	1.08	0.53	3.59	3.47	0.12	1.72	3.54	-1.82	4.15	3.57	0.58	4.49	3.66	0.83	15.56	15.32	0.24
		251	255	-4	391	386	5	563	498	65	580	459	121	369	265	104	2154	1863	291

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 2016
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

Mean temperatures ranged from near-normal across western sections to more than 3 degrees above normal in the east.

One of the consistent patterns during the first half of the growing season was unusually high spatial variability of rainfall. For example, rainfall totals during July in Genesee County ranged from less than 1.5 inches in some sections to more than 8 inches in others.

As of early August, the driest areas of the state were found from south-central through southeast Lower Michigan, which represented a general eastward shift relative to earlier portions of the growing season.

A major jet stream pattern shift took place in mid-August, with the passage of a series of upper-air troughing features across the northern U.S. which led to an active weather pattern and heavy rain across portions of Michigan and the Great Lakes region during the second half of August into early September.

Heavy rain from the 13th-17th was associated with remnants of the weather system that had earlier caused devastating flooding across Louisiana and the Gulf Coast region.

Precipitation totals for August ranged from less than 2 inches across west central and northern sections of Lower Michigan to more than 10 inches across southwestern sections of the state, which improved late-season growing conditions for most crops. However, long-term dryness and some moisture stress persisted across northern sections of the Lower Peninsula.

Mean temperatures during August were above-normal statewide, ranging from about 2 degrees above normal across far western sections to more than 4 degrees above normal in eastern sections.

With warmer-than-normal conditions for much of the summer, seasonal growing degree day accumulations as of the end of August were generally 150-300 base 50 degree units above normal, which translates into 1-2 calendar weeks or more ahead of normal.

Warmer-than-normal weather continued for much of September and helped bring most spring-planted crops to maturity. A very slowly-moving upper air troughing system brought several consecutive days of moderate to heavy rain (1.5 inches to more than 3 inches) across portions of southern and central Lower Michigan from the 28th of September through the first of October, which brought most early harvest-related and fall fieldwork to an abrupt halt.

Mean temperatures for the month generally ranged from 2-4 degrees above normal. Precipitation totals for the month varied significantly across the state, ranging from less than 2 inches in east-central sections of the state to more than 5 inches in the north and west.

Given the late-season rains, the Palmer Drought Severity Index increased to 'Unusually Moist' across much of southern and east-central Lower Michigan and all of Upper Michigan, which is noteworthy as drought conditions had been a problem in some of those areas as recently as mid-August.

As of the beginning of October, portions of northern Lower Michigan were still categorized by the U.S. Drought Monitor as 'Abnormally Dry'.

Upper-air ridging across the central U.S. brought a general continuation of warmer-than-normal weather to Michigan and the Great Lakes region during October into early November, which

favorable crop maturation, grain drydown and fall fieldwork activities.

Mean temperatures for October generally ranged from 2-4 degrees above normal, resulting in the 7th consecutive warmer-than-normal month since March.

Not surprisingly, the first freezing temperatures of the fall season were much later than normal in many portions of the state. Despite the warmer-than-normal mean temperatures, a series of cool frontal passages brought periodic precipitation and cooler, more seasonable temperatures. One of these systems brought the first widespread snowfall to northern and central sections of the state on the 24th. The precipitation disrupted fall harvest and other fieldwork activities, and progress of corn and soybean harvest progress remained behind normal in most sections of the state.

For October, precipitation totals generally ranged from just under 3 inches in southeastern and northern sections of Lower Michigan to more than 5 inches across west central sections of the Lower Peninsula and central sections of the Upper Peninsula.

By early November, most of the state except for northern and western Lower Michigan was classified as, 'Unusually Moist' to 'Very Moist' by the long term Palmer Drought Severity Index.

- Season Continued From Page 3

Some fields were slightly more advanced than we like but, in the end, all fields were counted and thinned to a uniform stand. 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.

We began harvesting silage plots on September 9th in Wood County, Ohio and finished on October 7th with the Alger County silage plot. We are able to place 1,155 samples in the dryer at any given time; this space limitation accounts for some of the gaps in field harvest days. We were able to run approximately three days, depending on the size of the fields, before the dryer was full, leaving us with no other choice than to suspend harvesting until the samples could be removed. We also experienced a few delays with equipment adjustments.

Last year we saw significant improvements with our silage harvest equipment; this year we gained positive improvements for the grain harvesting equipment for the Michigan Corn Performance Trials. In August we took possession of a brand new Kincaid 8-XP combine. Grain harvest began October 30th on the Ingham County Conventional trial and ended on the Saginaw County plot on November 14th. We were fortunate to have only a single day when the rain shut us down. Grand Traverse County was dropped due to drought.

Table A (pg. 5) presents 2016 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.

2016 GRAIN PERFORMANCE TRIALS

Introduction

The grain index (pg. 26) contains a list of all hybrids planted in the 2016 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, (Grand Traverse dropped due to drought)

Table 5 Zone 5 - Grand Traverse (E), Delta and Menominee (E)

Tables 6E/6L Conventional Trial - Ingham, Saginaw (Zone 2) and Montcalm (Zone 3)

The map of Michigan (lower right) 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.

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 22 foot long plots with a 3 foot alleyway and were planted at 30-inch row spacing. Four-row plots were used at all grain locations. The two center rows were harvested for yield. Experimental design, data acquisition, analysis of variance and data summarization were facilitated in part by AGROBASE Generation II™. 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 and Mason counties were irrigated.

Stand counts were recorded in June. Plots with stand counts higher than the desired population were thinned at that time. Average trial population plus the desired population rates are listed with other important agronomic information in Table B (pg. 25). Lodging measurements were made during harvest. All plants broken below the ear and/or leaning more than 45 degrees were counted. Moisture content and field weights were measured by a Harvest Master™ single plot high capacity Grain Gage™ HM800 System that is mounted on the Kincaid 8-XP plot combine. Grain moisture is reported at the standard 15.5 percent.

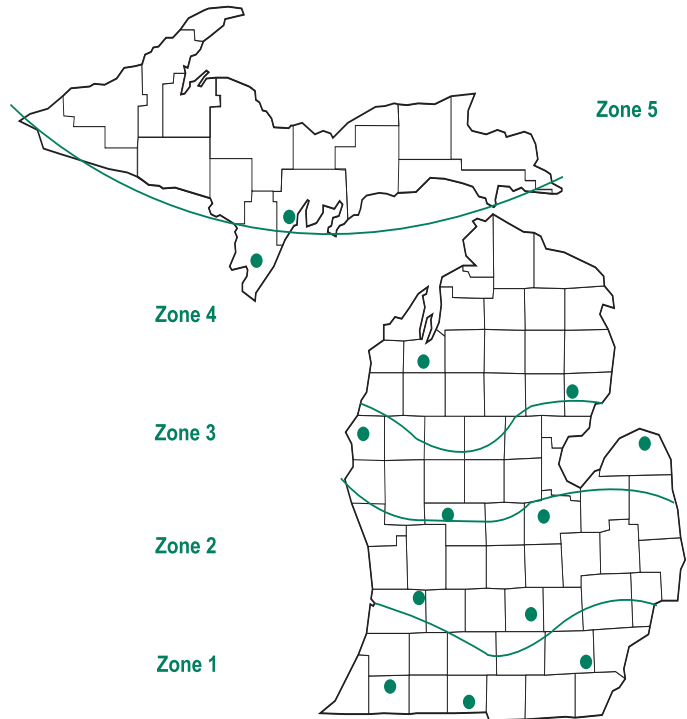
Data was recorded on a Panasonic FZ-G1 Toughpad using Harvest Master™ Software. Grain test weight is reported at harvest moisture. Automated test weight equipment loses some accuracy as harvest moistures increase. Test weight values should be used to determine relative rank and not as a precise weight.

Results

The tables report the following information about the hybrids tested:

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

2016 Grain Trial Locations



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

ZONE 1

2016

BRAND / HYBRID	RM	TRT	TRAIT	Early - TRIAL AVERAGE				Branch - Early				Cass - Early				Washtenaw - Early							
				%H2O	BUJA	Twt	%SL %Sd	%H2O	BUJA	Twt	%SL %Sd	%H2O	BUJA	Twt	%SL %Sd	%H2O	BUJA	Twt	%SL %Sd				
AGRIGOLD A6416S TXRIB	107	P500	1,2,3,4	17.5	229.1	54.8	0.5	98	19.2	233.0*	55.1	0.3	96	17.0	227.0	54.2	0.0	99	16.3	227.1	55.2	1.1	100
BECK 5337V2P	103	ESC	1,2	16.2	219.1	55.9	0.2	100	17.8	205.1	56.0	0.0	100	16.1	234.5	55.7	0.0	99	14.8	217.7	56.1	0.6	100
BECK 5460AM™™	104	ESC	1,2,4,6	17.2	231.6	55.6	0.6	98	18.6	207.5	55.4	0.7	94	16.5	245.9*	55.8	0.0	100	16.5	241.4	55.6	1.1	100
BECK 5140HR™™	105	ESC	1,2,4,6	17.8	234.5	56.3	0.1	93	19.1	224.5	56.5	0.0	81	17.2	230.1	56.2	0.0	98	17.2	248.7*	56.3	0.3	100
BECK 5665AM™™	106	ESC	1,2,3,4,6	17.9	218.6	55.4	2.1	99	19.7	211.2	55.1	0.0	100	17.3	231.1	55.1	0.0	97	16.8	213.5	56.1	6.2	100
CHANNEL 192-09 VT3PRIB	92	A500	1,2,3,4,6	14.8	219.2	56.2	1.2	99	15.9	208.9	56.8	1.4	98	14.6	241.4*	55.6	0.0	100	14.0	207.3	56.2	2.3	100
CHANNEL 197-68 STXRIB	97	A500	1,2,3,4,6	15.4	223.1	56.1	0.7	98	16.8	224.6	56.3	0.0	95	14.7	214.9	55.4	0.0	99	14.7	229.8	56.7	2.0	100
CHANNEL 201-61 STXRIB	101	A500	1,2,3,4,6	15.2	224.8	54.8	0.1	98	16.3	224.6	53.8	0.0	96	15.3	229.3	54.9	0.0	99	14.0	220.6	55.7	0.3	100
CHANNEL 204-12 STXRIB	104	A500	1,2,3,4,6	16.2	230.6	55.7	0.4	98	17.9	225.0	55.6	0.6	93	15.7	225.9	55.6	0.0	100	15.0	240.9	56.0	0.6	100
CHANNEL 205-19 STXRIB	105	A500	1,2,3,4,6	16.7	224.3	55.3	0.0	95	18.9	211.7	55.0	0.0	92	16.6	225.6	55.2	0.0	93	14.7	235.7	55.8	0.0	99
CHANNEL 207-27 STXRIB	107	A500	1,2,3,4,6	19.0	235.2	54.3	0.7	100	20.3	239.2*	54.2	0.6	99	18.9	214.3	53.9	0.0	100	17.8	252.0*	54.9	1.4	100
DAIRYLAND SEED DS-9106	106	C500	1,2,3,4,6	17.9	237.5	55.2	0.0	94	19.1	235.0*	55.4	0.0	92	17.4	240.7	54.6	0.0	90	17.0	236.7	55.7	0.0	99
DEKALB DKC51-38 GENSSRIB	101	PV500	1,2,3,4,6	15.8	220.4	56.6	0.0	99	17.3	213.5	56.5	0.0	100	15.2	222.7	57.0	0.0	98	14.8	225.0	56.3	0.0	99
DEKALB DKC53-68 GENSSRIB	103	PV500	1,2,3,4,6	16.7	228.2	56.3	0.2	97	18.2	221.8	56.5	0.0	92	16.3	238.1	56.4	0.0	100	15.7	224.7	56.2	0.6	100
DEKALB DKC55-20 GENSSRIB	105	PV500	1,2,3,4,6	16.9	227.3	54.6	0.1	100	18.5	222.7	54.1	0.3	100	16.1	224.4	54.5	0.0	100	16.0	234.7	55.1	0.0	99
DYNAGRO D43SS50	103	P500	1,2,3,4,6	17.3	223.4	57.4	0.3	100	18.7	217.6	57.1	0.0	100	17.2	229.4	57.3	0.0	100	16.0	223.3	57.8	0.9	100
GREAT LAKES 5029VT2RIB	100	P500	1,2	15.0	228.7	56.0	0.0	99	15.4	217.4	55.7	0.0	99	15.4	233.5	55.9	0.0	98	14.3	235.1	56.5	0.0	100
GREAT LAKES 5283STXRIB	102	P500	1,2,3,6	16.2	223.2	55.9	0.3	97	17.6	202.7	56.2	0.0	100	15.8	244.6*	55.5	0.0	94	15.1	222.5	55.8	0.9	97
GREAT LAKES 5470STXRIB	104	P500	1,2,3,6	16.6	225.1	56.7	0.4	99	18.1	218.8	57.5	1.1	100	16.7	225.2	55.8	0.0	97	15.1	231.4	56.8	0.0	100
GREAT LAKES 5556VT2RIB	105	P500	1,2	17.3	244.6*	55.2	0.0	97	19.0	235.5*	55.0	0.0	98	16.4	260.6**	55.5	0.0	94	16.4	237.7	55.3	0.0	100
INTEGRA 9482VT3PRIB	98	A250	1,2,3	15.4	217.2	56.6	0.0	97	16.1	198.2	55.8	0.0	96	15.3	239.3	56.5	0.0	99	14.7	214.1	57.5	0.0	98
INTEGRA 4902GSS	100	A250	1,2,3,4,6	16.2	218.7	56.3	0.0	98	17.2	226.5	56.3	0.0	99	16.5	199.3	56.1	0.0	94	15.0	230.4	56.5	0.0	100
INTEGRA 5243DGV2PRIB	102	A250	1,2	15.6	223.8	54.2	0.5	97	16.3	203.4	54.3	0.4	94	14.8	233.1	53.9	0.0	98	15.8	234.8	54.6	1.2	97
LEGACY SEEDS L-5516 VT2PRO	105	P500	1,2,3,4,6	15.9	234.8	55.8	0.2	98	17.7	220.9	54.7	0.0	99	15.1	247.1*	56.2	0.0	97	14.8	236.5	56.4	0.6	98
LEGACY SEEDS L-5914 GENSS	106	P500	1,2,3,4,6	17.3	227.1	55.3	0.4	98	19.5	222.4	54.9	0.3	98	16.5	254.4*	55.6	0.0	96	15.9	204.7	55.4	0.9	99
M&W SEEDS 45M21	100	P250	1,2	15.7	220.8	56.1	0.6	97	17.1	193.6	55.4	0.3	98	15.5	244.5*	55.8	0.0	97	14.5	224.4	57.1	1.5	97
M&W SEEDS 45A36	101	P250	1,2	15.3	214.1	55.3	0.7	99	16.3	209.8	55.6	0.3	99	15.3	220.6	54.7	0.0	100	14.3	211.8	55.5	1.7	99
M&W SEEDS 45N31	101	P250	1,2	16.3	213.7	56.1	0.4	97	17.9	201.6	56.2	0.9	97	16.3	218.1	56.4	0.0	94	14.7	221.3	55.9	0.3	100
M&W SEEDS 45K75	102	P250	1,2,5	15.7	214.5	56.2	0.3	100	17.0	197.5	56.5	0.8	100	15.0	223.4	55.9	0.0	99	15.1	222.7	56.1	0.0	100
M&W SEEDS 45M44	103	P250	1,2	16.3	220.6	56.5	0.4	100	18.4	206.3	55.9	0.3	99	15.5	234.4	57.0	0.0	100	15.1	221.2	56.7	0.8	99
M&W SEEDS MWX103	103	P250	1,2	16.5	238.4*	55.8	0.0	99	18.0	229.2	55.3	0.0	98	16.5	255.0*	55.9	0.0	99	15.0	231.1	56.2	0.0	100
M&W SEEDS 45N89	104	P250	1,2	17.0	235.5	56.5	0.1	96	18.3	237.1*	56.7	0.0	98	16.6	225.4	56.7	0.0	92	16.3	244.0*	56.1	0.3	99
MYCOGEN X13663VH	106	C500	1,2,3,4,6	18.3	237.2	55.0	0.0	99	20.1	232.1*	55.5	0.0	98	17.1	241.5*	54.4	0.0	99	17.6	238.1	55.3	0.0	100
NuTech/G2 GENETICS 5L-702™	102	P500	1,2,4	16.7	235.9	54.7	0.6	99	18.0	226.0	54.8	1.4	98	16.5	241.8*	54.5	0.0	98	15.5	239.8	55.0	0.3	100
NuTech/G2 GENETICS 5Z-503™	103	P500	1,2,4	16.6	232.3	56.1	0.3	99	18.1	221.7	55.9	0.0	98	15.9	231.9	56.3	0.0	99	15.9	243.3*	56.1	0.9	98
NuTech/G2 GENETICS 5F-504™	104	P500	1,2,4	17.1	236.9	55.9	0.2	97	18.5	220.9	55.2	0.0	95	16.6	245.2*	56.2	0.0	98	16.1	244.7*	56.2	0.6	98
NuTech/G2 GENETICS 5H-806™	106	P500	1,2,4	17.4	248.0**	56.3	0.6	97	18.5	248.3**	56.5	0.6	95	17.0	249.6*	55.9	0.0	96	16.6	246.1*	56.4	1.1	100
NuTech/G2 GENETICS 5F-906™	106	P500	1,2,4	18.1	240.9*	55.5	0.6	99	19.3	228.6	55.5	0.0	96	17.5	257.5*	55.8	0.0	100	17.5	236.6	55.1	1.7	100
NuTech/G2 GENETICS 5F-707™	107	P500	1,2,4	16.7	226.4	55.2	0.1	96	17.8	217.6	55.4	0.3	89	16.7	225.0	55.1	0.0	99	15.7	236.8	55.2	0.0	99
RENK RK717SSTX	105	P500	1,2,3,4,6	16.5	232.4	56.7	0.0	97	17.9	225.2	56.6	0.0	92	16.4	230.8	57.0	0.0	100	15.2	241.2	56.6	0.0	100
RENK RK776SSTX	107	P500	1,2,3,4,6	18.0	224.9	56.8	0.3	99	19.9	220.9	56.9	0.3	100	18.0	238.1	56.4	0.0	97	16.1	215.7	57.2	0.6	99
RUPP XR002-93	102	A250	1,2	16.5	224.6	56.7	0.4	97	17.9	227.2	56.7	0.9	97	15.9	227.2	56.6	0.0	95	15.7	219.6	56.9	0.3	99
RUPP XR003-71	103	PV500	1,2,5	15.5	216.7	55.1	0.6	92	16.8	206.8	54.9	0.9	94	15.0	211.9	54.9	0.0	87	14.7	231.5	55.5	0.9	96
RUPP XR005-04	105	A250	1,2	16.6	230.8	56.3	1.5	98	18.4	222.4	55.5	1.4	97	16.6	242.3*	56.0	0.0	97	15.0	227.8	57.3	3.1	100
RUPP 8XP630	106	PV500	1,2	15.6	242.9*	55.9	0.0	98	16.9	239.5*	55.7	0.0	98	15.1	248.0*	55.8	0.0	99	14.9	241.2	56.2	0.0	98

BRAND / HYBRID	RM	TRT	TRAIT	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd					
RUPP XRD07-19	107	A250	1,2	17.2	224.6	54.8	1.4	98	19.2	213.3	54.8	1.4	98	16.8	236.8	54.2	0.0	97	15.7	223.9	55.4	2.8	100
RUPP 8XP675	107	PV500	1,2,3,4	15.5	224.7	56.9	0.1	98	17.3	220.6	56.9	0.0	97	14.9	227.2	56.3	0.0	98	14.5	226.4	57.4	0.3	100
SEED CONSULTANTS SCS 1017YHR™	101	P1250	1,2,4	14.0	221.6	53.2	0.5	97	13.5	211.6	51.4	0.3	91	14.6	234.8	54.8	0.0	99	14.0	231.9	53.3	1.1	100
SEED CONSULTANTS SCS 1037YHR™	103	P1250	1,2,4	16.4	246.1*	56.4	0.0	99	17.3	238.3*	56.6	0.0	99	16.4	237.2	55.8	0.0	100	15.6	249.3*	56.8	0.0	97
SEED CONSULTANTS SCS 10HR43™	104	P1250	1,2,4	17.5	244.5*	56.4	0.0	98	18.6	229.0	56.6	0.0	94	17.4	246.8*	56.0	0.0	99	16.4	257.6**	56.7	0.0	100
SEED CONSULTANTS SCS 1067YHR™	106	P1250	1,2,4	17.2	226.2	55.8	0.2	98	18.0	204.6	54.7	0.0	100	17.0	243.7*	55.9	0.0	100	16.6	230.2	56.8	0.6	96
SPECIALTY 29A263	99	P500	1,2,3,4,6	14.4	223.2	55.5	1.4	98	15.5	221.3	55.4	0.0	97	14.5	228.3	55.4	0.0	100	13.4	220.0	55.6	4.2	98
SPECIALTY 32A323	102	P500	1,2,3,4,6	15.2	224.4	55.3	0.1	100	16.5	215.0	55.7	0.3	99	15.3	236.4	54.9	0.0	100	14.0	222.0	55.5	0.0	100
SPECIALTY 34G234	104	P500	DGVT2P	17.0	210.9	56.8	0.4	99	18.4	190.4	55.9	0.6	99	16.6	218.4	57.8	0.0	99	16.1	224.0	56.6	0.6	99
SPECIALTY 35A655	105	P500	1,2,3,4,6	17.1	228.5	55.6	0.5	100	17.7	220.1	55.3	0.9	99	17.1	231.4	55.2	0.0	100	16.4	234.2	56.5	0.6	100
STEYER 10102 VT2PRORIBC	101	C250	1,2	15.1	217.8	55.8	1.0	100	16.0	208.5	56.0	2.5	100	15.2	231.8	56.3	0.0	100	14.2	234.2	55.2	0.6	100
STEYER 10304 DGVT2PRORIBC	103	C250	1,2	15.9	221.3	55.5	0.9	98	17.2	205.5	54.3	0.9	96	15.2	246.7*	56.2	0.0	99	15.3	211.7	56.0	1.7	100
STEYER 10503 VT2PRORIBC	105	C250	1,2	17.0	222.1	56.8	0.4	95	18.5	209.9	56.9	0.9	99	16.3	233.4	56.9	0.0	91	16.2	223.1	56.5	0.3	95
WELLMAN W2401DP	101	ENC	1,2	15.2	213.9	56.1	0.1	95	16.8	212.3	56.1	0.0	91	15.4	224.2	56.6	0.0	98	13.5	205.3	55.5	0.3	97
WELLMAN W2603DP	103	ENC	1,2	16.8	226.8	56.7	0.0	97	18.5	224.0	56.7	0.0	96	16.0	226.6	56.4	0.0	97	15.8	229.7	56.9	0.0	100
WELLMAN W2307DP	107	ENC	1,2	17.8	222.8	55.1	1.8	94	17.8	205.3	54.3	0.0	90	17.5	241.9*	55.2	0.0	94	16.1	221.1	55.8	5.4	98
WELLMAN W2705DP	105	ENC	1,2	16.5	233.3	57.0	0.3	97	19.7	228.3	57.2	0.3	97	16.0	231.1	56.9	0.0	94	15.6	240.6	57.1	0.6	100
WYCKOFF 2211 GENSS	100	P500	1,2,3,4,6	15.9	227.6	56.2	0.0	97	17.1	213.5	56.7	0.0	95	16.1	243.1*	55.7	0.0	99	14.6	226.3	56.2	0.0	99
WYCKOFF 2323 GENSS	103	P501	1,2,3,4,6	15.9	222.9	55.9	0.1	100	17.2	216.1	55.6	0.0	100	15.3	245.9*	56.0	0.0	100	15.1	206.7	56.1	0.3	100
WYCKOFF 2360 GENSS	104	P502	1,2,3,4,6	17.4	229.4	56.8	0.0	97	19.0	218.6	56.7	0.0	94	16.9	245.8*	57.0	0.0	99	16.3	223.8	56.8	0.0	97
WYCKOFF 2390 VT2P	105	P503	1,2	16.8	229.4	56.1	0.2	95	18.3	210.1	55.5	0.6	96	16.3	229.0	56.6	0.0	90	15.8	249.0*	56.3	0.0	100
WYCKOFF 2405 GENSS	106	P504	1,2,3,4,6	17.2	237.7	55.8	0.1	98	19.4	228.2	55.7	0.3	97	17.0	248.8*	55.4	0.0	98	15.3	236.1	56.4	0.0	100
WYCKOFF 2400 GENSS	106	P505	1,2,3,4,6	15.9	236.1	55.7	0.1	97	17.8	225.0	54.9	0.3	97	15.1	237.8	55.7	0.0	97	14.9	245.4*	56.4	0.0	99
AVERAGE				16.5	227.6	55.8	0.4	98	17.9	218.4	55.7	0.3	97	16.1	234.6	55.8	0.0	98	15.5	229.7	56.1	0.8	99
HIGHEST				19.0	248.0	57.4	2.1	100	20.3	248.3	57.5	2.5	100	18.9	260.6	57.8	0.0	100	17.8	257.6	57.8	6.2	100
LOWEST				4.0	210.9	53.2	0.0	92	13.5	190.4	51.4	0.0	81	14.5	199.3	53.9	0.0	87	13.4	204.7	53.3	0.0	95
CV (%)				4.2	6.5	1.6	302.8	4.0	5.2	6.9	1.9	257.9	6.0	3.3	7.1	1.6	0.0	3.0	3.4	5.4	1.2	223.7	2.0
LSD (5%)				0.5	10.0	0.6	0.8	2.8	1.1	17.6	1.2	1.0	7.0	0.6	19.4	1.0	0.0	4.0	0.6	14.4	0.8	2.1	3.0

2 Year Averages 2016 - 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	18.0	229.4*	55.8	0.1	99	16.2	213.9*	56.7	0.4	98	19.2	236.0*	55.0	0.0	100	18.7	238.4	55.8	0.0	100	
BECK 5460AM™	104	ESC	1,2,4,6	17.5	230.3*	56.0	0.2	99	15.9	204.5	56.5	0.6	97	18.1	243.2*	55.5	0.0	100	18.3	243.2*	55.9	0.0	98	
BECK 5140HR™	105	ESC	1,2,4,6	18.3	235.7**	56.8	0.0	95	16.5	217.1*	57.7	0.0	88	19.2	235.5*	56.0	0.0	99	19.2	254.4**	56.7	0.0	98	
CHANNEL 205-19 STXRIB	105	A500	1,2,3,4,6	16.8	224.3	55.7	0.0	97	15.8	210.9	55.7	0.0	95	17.5	224.4	55.3	0.0	97	17.1	237.6	56.2	0.0	100	
DEKALB DKC53-68 GENSSRIB	103	PV500	1,2,3,4,6	16.7	225.5	56.9	0.0	96	15.4	208.7	57.4	0.0	93	17.7	231.0	56.2	0.0	99	17.1	227.8	57.0	0.0	97	
DEKALB DKC55-20 GENSSRIB	105	PV500	1,2,3,4,6	16.9	225.5	56.4	0.1	99	15.5	209.8	55.6	0.3	99	17.2	220.9	54.6	0.0	99	17.9	245.8*	56.0	0.0	97	
DYNAGRO D43SS50	103	P500	1,2,3,4,6	17.7	221.3	57.8	0.1	97	16.0	212.2	58.0	0.4	99	18.4	225.0	57.2	0.0	100	18.7	226.6	58.2	0.0	93	
GREAT LAKES 5283STXRIB	102	P500	1,2,3,6	16.6	227.6	56.8	0.1	98	15.3	208.5	57.4	0.3	98	17.7	242.4*	56.0	0.0	97	16.8	231.9	57.0	0.0	98	
GREAT LAKES 5470STXRIB	104	P500	1,2,3,6	17.1	225.6	57.3	0.3	98	15.7	207.9	58.4	0.8	97	18.3	229.1	56.4	0.0	97	17.3	239.8	57.1	0.0	100	
NuTect/G2 GENETICS 5H-806™	106	P500	1,2,4	18.3	234.5*	56.7	0.1	98	15.9	224.7**	58.0	0.3	97	19.4	240.0*	55.6	0.0	98	19.6	238.9	56.4	0.0	99	
NuTect/G2 GENETICS 5F-707™	107	P500	1,2,4	17.7	219.9	55.6	0.4	95	16.0	205.7	56.8	1.3	91	18.7	219.8	54.8	0.0	94	18.5	234.1	55.3	0.0	98	
RENK RK776SSTX	107	P500	1,2,3,4,6	18.4	220.0	57.0	0.2	99	16.2	192.6	57.2	0.6	100	20.2	234.8*	56.1	0.0	99	18.9	232.6	57.6	0.0	97	
RUPP XRD03-71	103	PV500	1,2,5	15.7	221.1	56.0	0.1	95	14.9	201.7	56.7	0.4	94	15.9	219.5	55.3	0.0	93	16.3	242.1	56.0	0.0	98	
RUPP XRD05-04	105	A250	1,2	16.8	229.3*	56.7	0.3	99	15.4	206.7	56.0	0.8	98	18.2	239.6*	56.3	0.0	99	16.9	241.6	57.8	0.0	100	
RUPP XRD07-19	107	A250	1,2	17.8	232.2	55.4	0.4	99	16.1	207.9	55.8	1.3	98	19.0	230.3	54.6	0.0	98	18.3	231.2	55.8	0.0	100	
SEED CONSULTANTS SCS 10HR43™	104	P1250	1,2,4	18.2	232.3*	56.7	0.3	97	16.2	201.1	57.9	1.0	97	19.6	245.0**	55.7	0.0	99	19.0	250.8*	56.5	0.0	96	
SPECIALTY 29A263	99	P500	1,2,3,4,6	14.9	222.1	56.2	0.1	99	13.9	209.4	56.4	0.3	97	15.6	231.5	55.6	0.0	100	15.3	225.3	56.6	0.0	99	
SPECIALTY 32A323	102	P500	1,2,3,4,6	15.5	227.5	55.7	0.1	100	14.5	207.8	56.1	0.4	99	16.2	231.7	55.1	0.0	100	15.7	243.2*	55.8	0.0	100	
SPECIALTY 35A655	105	P500	1,2,3,4,6	17.7	223.8	56.2	0.3	98	15.3	209.5	56.3	0.8	97	19.0	226.9	55.4	0.0	99	18.7	235.0	56.9	0.0	97	
WELLMAN W2401DP	101	ENC	1,2	15.3	219.8	57.3	0.2	95	14.8	207.3	57.0	0.6	95	16.3	224.9	58.1	0.0	99	14.9	227.2	56.6	0.0	92	
WELLMAN W2603DP	103	ENC	1,2	17.2	221.2	57.5	0.0	97	15.8	203.4	57.9	0.0	93	17.9	226.4	56.7	0.0	98	17.8	233.6	57.8	0.0	100	
WELLMAN W2307DP	107	ENC	1,2	18.6	229.6*	55.7	0.4	96	16.4	210.6	55.6	1.1	95	20.2	243.3*	55.3	0.0	97	19.2	234.8	56.2	0.0	97	
AVERAGE				17.2	225.7	56.4	0.2	97	15.6	208.3	56.9	0.5	96	18.2	231.9	55.8	0.0	98	17.7	237.1	56.6	0.0	98	
HIGHEST				18.6	235.7	57.8	0.4	100	16.5	224.7	58.4	1.3	100	20.2	245.0	58.1	0.0	100	19.6	254.4	58.2	0.0	100	
LOWEST				14.9	219.8	55.4	0.0	95	13.9	192.6	55.6	0.0	88	15.6	219.5	54.6	0.0	93	14.9	225.3	55.3	0.0	92	
CV (%)				4.6	6.5	1.6	320.5	5.0	4.3	6.8	1.8	334.6	6.0	4.4	6.5	1.6	0.0	3.0	5.1	6.1	1.5	0.0	5.1	
LSD (5%)				0.4	7.0	0.4	0.5	2.0	0.6	12.0	0.8	1.2	5.0	0.6	12.4	0.7	0.0	2.0	0.7					

2 Year Averages 2016 - 2015

BRAND / HYBRID	RM	TRT	TRAIT	Late - TRIAL AVERAGE				Branch - Late				Cass - Late				Washtenaw - Late							
				%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 A6462STXRIB	110	P500	1,2,3,4	21.3	220.8 *	54.9	0.1	97	18.0	207.1 *	55.6	0.4	97	22.3	233.2	54.6	0.0	100	23.6	222.1 *	54.6	0.0	96
BECK 5840AM™	108	ESC	1,2,4,6	19.5	209.8	55.2	0.2	99	16.8	187.7	56.2	0.7	98	20.5	235.1 *	54.7	0.0	100	21.2	206.7	54.8	0.0	99
BECK 5828AM™	110	ESC	1,2,4,6	20.2	222.0 *	54.1	0.3	99	17.9	196.1	54.4	0.8	98	20.4	236.8 *	54.4	0.0	100	22.3	233.1 **	53.5	0.0	100
DAIRYLAND SEED DS-9508RA	108	C500	1,2,3,4,6	20.2	219.2	53.2	0.0	98	18.0	201.1 *	53.3	0.0	96	21.6	235.6 *	52.4	0.0	100	21.1	220.9	53.9	0.0	99
DEKALB DKC58-06 GENSSRIB	108	PV500	1,2,3,4,6	19.4	219.5	56.9	0.2	98	17.0	205.4 *	58.0	0.6	98	20.6	232.8	56.0	0.0	97	20.5	220.4	56.8	0.0	98
DYNAGRO D51SS54	111	P500	1,2,3,4,6	21.2	226.6 **	55.2	0.0	98	18.8	205.0 *	55.9	0.1	100	21.9	246.0 **	54.6	0.0	99	22.9	228.8 *	55.0	0.0	96
M&W SEEDS 44D81	108	P250	1,2	18.6	223.0 *	55.5	0.0	99	16.3	208.3 **	55.5	0.1	97	19.6	239.8 *	55.3	0.0	100	20.0	221.0 *	55.7	0.0	99
RENK RK810SSTX	110	P500	1,2,3,4,6	20.8	221.7 *	55.3	0.5	98	17.3	191.6	56.2	1.4	99	21.6	242.4 *	54.8	0.0	97	23.4	231.0 *	54.9	0.0	97
RENK RK871VT2P	111	P250	1,2	20.1	216.2	54.7	0.3	99	17.3	190.0	54.9	0.8	99	21.5	239.8 *	54.8	0.0	99	21.5	218.8	54.5	0.0	99
RUPP XRJ10-91	110	PV500	1,2,3,4	18.7	218.1	56.9	0.0	96	16.8	198.0 *	57.6	0.0	98	20.0	231.3	56.1	0.0	96	19.2	224.9 *	56.9	0.0	95
WELLMAN W2610DP	110	ENC	1,2	20.6	215.6	55.0	0.2	98	17.2	200.5 *	55.8	0.7	99	20.7	232.6	55.4	0.0	98	23.7	213.8	54.0	0.0	97
AVERAGE				20.0	219.3	55.2	0.2	98	17.4	199.2	55.8	0.5	98	21.0	236.9	54.8	0.0	99	21.8	222.0	55.0	0.0	98
HIGHEST				21.3	226.6	56.9	0.5	99	18.8	208.3	58.0	1.4	100	22.3	246.0	56.1	0.0	100	23.7	233.1	56.9	0.0	100
LOWEST				18.6	209.8	53.2	0.0	96	16.3	187.7	53.3	0.0	96	19.6	231.3	52.4	0.0	96	19.2	206.7	53.5	0.0	95
CV (%)				4.7	6.4	1.5	234.0	5.0	3.2	6.5	1.6	350.2	6.0	4.5	5.8	1.5	0.0	3.0	5.9	6.6	1.6	0.0	4.0
LSD (5%)				0.4	6.7	0.4	0.6	2.0	0.5	10.8	0.7	1.1	5.0	0.7	11.4	0.7	0.0	3.0	0.9	12.1	0.7	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

BRAND / HYBRID	2016	RM	TRT	TRAIT	Early - TRIAL AVERAGE				Alleghan - Early				Ingham - Early				Saginaw - Early						
					%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL
AGRIGOLD A6257STXRIB	100	P500	1,2,3,4	16.8	221.2	55.5	0.2	96	17.3	235.7	55.9	0.6	100	18.5	197.3	54.4	0.0	89	14.6	230.5	56.3	0.0	99
BECK 4721AM**	97	ESC	1,2,4,6	15.8	231.3	53.5	0.0	97	15.3	227.4	54.6	0.0	100	17.8	222.8*	52.0	0.0	93	14.4	243.7	58.2	0.0	97
BECK 4919V2P	99	ESC	1,2	15.7	220.8	57.6	1.0	91	15.7	219.2	58.0	0.6	100	17.0	218.6	56.8	2.6	91	14.3	224.6	58.2	0.0	83
BECK 5162A3	101	ESC	1,2,3,4	16.1	221.3	56.4	1.3	98	16.2	219.9	57.2	3.9	100	17.6	225.1*	55.3	0.0	95	14.5	218.8	56.8	0.0	98
CHANNEL 192-08 VT2PRIB	92	A500	1,2	15.3	222.2	55.8	0.5	95	15.3	227.1	56.5	1.4	99	16.6	214.6	54.8	0.0	93	14.0	224.9	56.1	0.0	94
CHANNEL 194-14 VT2PRIB	94	A500	1,2	14.9	218.1	55.7	0.5	92	15.1	228.6	56.1	1.4	97	16.0	216.7	54.8	0.0	92	13.6	209.1	56.3	0.0	87
CHANNEL 197-66 VT2PRIB	97	A500	1,2	16.1	236.4*	56.5	0.5	95	16.1	239.6	57.0	1.4	100	17.7	219.4	55.7	0.0	95	14.5	250.2*	57.0	0.0	91
CHANNEL 197-50 VT2PRIB	97	A500	1,2	15.5	223.9	55.1	1.1	97	15.2	237.2	56.2	3.4	100	17.5	201.3	53.4	0.0	93	13.8	233.2	55.6	0.0	98
CHANNEL 199-00 DGV22PRIB	99	A500	1,2,5	16.1	221.9	56.1	0.6	94	16.2	230.4	56.6	1.8	97	17.9	201.5	55.0	0.0	87	14.3	233.8	56.9	0.0	99
CHANNEL 201-61 VT2PRIB	101	A500	1,2	17.5	231.3	54.4	0.3	92	17.6	234.3	54.9	0.9	97	19.7	221.1*	52.8	0.0	86	15.1	238.4	55.4	0.0	92
CROPLAN 3314VT2P	93	A250	1,2	15.3	210.6	55.5	1.0	91	15.5	222.9	56.2	3.1	100	16.6	205.3	54.1	0.0	87	13.8	203.5	56.1	0.0	86
CROPLAN 3399SS/RIB	93	A500	1,2,3,6	16.1	219.2	56.3	0.2	94	16.1	246.7*	57.2	0.6	100	17.9	189.6	54.9	0.0	84	14.4	221.4	57.0	0.0	97
CROPLAN 3499VT3P/RIB	94	A250	1,2,3	15.8	224.7	56.2	0.5	96	15.5	231.8	56.3	1.4	98	17.9	214.5	55.2	0.0	92	14.1	227.8	57.1	0.0	97
CROPLAN 3611SS/RIB	96	A500	1,2,3,6	15.8	236.7*	56.5	0.2	95	16.1	244.8*	57.3	0.0	100	17.3	231.4*	55.6	0.6	87	14.1	234.0	56.7	0.0	99
CROPLAN 3899VT2P/RIB	96	A250	1,2	16.4	228.5	55.7	0.7	95	16.5	246.9*	56.5	2.0	100	18.3	209.3	54.0	0.0	88	14.5	229.3	56.6	0.0	97
CROPLAN 3614VT2P	96	A250	1,2	16.1	219.8	55.7	0.0	97	16.0	215.1	56.4	0.0	99	17.9	210.8	54.6	0.0	95	14.4	233.4	56.0	0.0	97
CROPLAN 4199SS/RIB	100	A500	1,2,3,6	17.2	219.5	55.6	0.4	94	17.8	240.8	56.6	0.6	100	18.6	195.0	53.8	0.7	88	15.3	222.7	56.5	0.0	94
DAIRYLAND SEED DS-9198RA	98	C500	1,2,3,4,6	16.4	209.2	54.4	0.6	94	16.8	218.7	55.3	1.7	100	18.4	193.1	53.0	0.0	95	14.0	215.7	55.0	0.0	88
DAIRYLAND SEED DS-9599	99	C500	1,2,3,4	16.8	211.9	54.3	0.3	94	17.2	215.7	54.9	0.9	100	18.4	195.0	52.7	0.0	93	14.7	225.0	55.2	0.0	88
DAIRYLAND SEED DS-9701	101	C500	1,2,3,4,6	17.4	225.8	54.7	0.3	94	17.3	233.8	55.7	0.8	97	19.8	208.9	52.8	0.0	86	15.2	234.7	55.8	0.0	98
DEKALB DKC46-36 GENSSRIB	96	PV500	1,2,3,4,6	16.1	227.9	55.6	0.3	96	16.4	242.6*	56.4	0.0	100	17.6	208.9	54.0	0.9	92	14.4	232.2	56.3	0.0	97
DEKALB DKC49-72 GENSSRIB	99	PV500	1,2,3,4,6	16.2	227.8	54.6	0.0	97	16.4	248.4*	55.4	0.0	100	17.9	215.3	52.8	0.0	95	14.4	219.7	55.7	0.0	95
DEKALB DKC51-38 GENSSRIB	101	PV500	1,2,3,4,6	16.5	233.6*	55.7	0.5	94	16.5	238.9	56.5	1.4	99	18.3	212.7	54.0	0.0	88	14.6	249.2*	56.8	0.0	95
DYNAGRO D375S60	97	P500	1,2,3,4,6	15.8	225.4	56.4	0.0	96	15.9	245.4*	57.6	0.0	99	17.7	214.4	55.3	0.0	91	13.8	216.4	56.4	0.0	97
DYNAGRO D39DC43	99	P500	1,2,5	16.5	237.8*	54.8	0.0	94	16.4	250.9*	55.7	0.0	97	18.8	221.1*	53.6	0.0	87	14.3	241.4	55.1	0.0	99
DYNAGRO D40SS48	100	P500	1,2,3,4,6	16.2	220.5	56.2	0.4	99	16.4	231.0	56.6	1.1	100	17.6	206.3	55.0	0.0	97	14.5	224.3	57.0	0.0	99
GOLDEN HARVEST G01P52-3122A	101	C250	1,2,3,4,5,6	16.4	207.8	56.2	0.4	95	16.4	215.5	57.2	1.1	100	18.2	185.4	54.7	0.0	88	14.6	222.6	56.7	0.0	97
GREAT LAKES 4037STXRIB	90	P500	1,2,3,6	15.3	220.5	56.8	0.3	95	15.4	224.0	57.0	0.9	100	16.6	213.6	56.5	0.0	89	13.9	224.0	57.1	0.0	98
GREAT LAKES 4250STXRIB	92	P500	1,2,3,6	14.9	213.3	55.0	1.2	92	15.3	219.1	56.0	3.7	98	16.0	197.7	53.8	0.0	78	13.4	222.9	55.3	0.0	99
GREAT LAKES 4452VT2RIB	94	P500	1,2	15.3	234.7*	55.5	0.2	97	15.5	241.8*	56.0	0.6	100	16.8	218.9	54.5	0.0	93	13.6	243.5	56.1	0.0	98
GREAT LAKES 4548STXRIB	95	P500	1,2,3,6	15.7	238.0*	56.1	0.3	99	16.2	235.4	56.4	0.9	100	16.7	237.9**	55.3	0.0	97	14.3	240.8	56.5	0.0	99
GREAT LAKES 4879STXRIB	98	P500	1,2,3,6	16.5	223.5	55.6	0.3	93	16.4	243.5*	56.0	0.9	100	18.3	202.1	54.4	0.0	84	15.0	224.8	56.4	0.0	96
GREAT LAKES 5029VT2RIB	100	P500	1,2	16.8	225.9	55.3	0.0	94	16.6	241.3	55.9	0.0	100	19.1	190.3	53.8	0.0	85	14.8	246.1*	56.1	0.0	99
INTEGRA 9482VT3PRIB	98	A250	1,2,3	16.3	232.3	56.2	0.8	95	16.5	232.3	56.9	0.9	99	18.1	228.9*	54.9	1.4	90	14.5	235.8	56.9	0.0	96
INTEGRA 4652GSS	96	PV500	1,2,3,4,6	15.4	221.6	56.3	0.1	99	15.6	229.9	57.0	0.3	100	16.8	213.7	55.4	0.0	98	13.8	221.3	56.6	0.0	97
INTEGRA 4902GSS	100	A250	1,2,3,4,6	16.8	222.4	55.8	0.0	92	16.7	239.4	56.8	0.0	98	18.7	192.3	53.7	0.0	80	15.0	235.5	56.9	0.0	97
LEGACY SEEDS L-3715 GENSS	96	P500	1,2,3,4,6	15.7	227.1	56.2	0.0	95	15.7	237.4	57.4	0.0	100	17.5	200.0	54.5	0.0	85	13.9	244.0	56.7	0.0	100
LEGACY SEEDS L-3845 GENSS	97	P500	1,2,3,4,6	15.5	207.8	54.7	0.2	87	15.5	222.9	55.5	0.6	97	17.3	184.3	53.2	0.0	78	13.9	216.3	55.4	0.0	85
LEGACY SEEDS L-4315 GENSS	101	P500	1,2,3,4,6	17.0	231.3	55.5	0.0	92	17.0	237.2	56.2	0.0	100	18.8	223.4*	53.8	0.0	81	15.1	233.2	56.6	0.0	95
LEGACY SEEDS L-4445 VT2PRO DG	101	P250	1,2,5,6	16.9	227.8	55.1	0.6	95	17.2	242.1*	55.7	0.0	100	18.9	201.3	53.5	1.7	87	14.6	240.1	56.2	0.0	98
LEGEND 9492 GENSSRIB	92	C250	1,2,3,4,6	15.5	210.0	56.3	0.5	92	15.6	214.5	56.8	1.5	94	17.0	198.9	55.4	0.0	89	13.9	216.8	56.7	0.0	95
LEGEND 9794 GENSSRIB	94	C250	1,2,3,4,6	15.2	217.1	55.4	0.4	97	15.3	224.2	55.7	1.1	99	16.9	209.0	55.3	0.0	92	13.4	218.1	55.3	0.0	99
LEGEND 9697 GENSSRIB	97	C250	1,2,3,4,6	15.1	221.7	54.8	0.0	95	15.1	229.9	55.1	0.0	100	16.5	202.0	54.1	0.0	85	13.7	233.1	55.1	0.0	99
LEGEND 9600 GENSSRIB	100	C250	1,2,3,4,6	16.2	229.9	55.6	0.4	96	16.3	244.6*	55.6	1.1	100	18.0	216.8	54.7	0.0	90	14.2	228.4	56.4	0.0	97
LEGEND 9701 GENSSRIB	101	C250	1,2,3,4,6	16.7	230.9	55.8	0.0	94	16.4	243.0*	55.9	0.0	100	18.8	216.8	54.6	0.0	85	14.8	233.0	56.8	0.0	96

M&W SEEDS 47J66	94	P250	1,2	15.8	219.5	56.1	0.7	99	16.0	226.8	56.7	1.4	100	17.4	205.5	54.8	0.6	97	14.2	226.3	56.7	0.0	99
M&W SEEDS 46J11	96	P250	1,2	16.2	237.5*	56.1	0.4	95	15.8	237.8	57.1	1.1	99	17.8	237.8*	54.6	0.0	90	15.0	236.9	56.8	0.0	97
M&W SEEDS 46L42	96	P250	1,2	15.7	227.1	56.3	1.7	96	15.9	236.1	56.7	5.1	100	17.0	213.5	55.0	0.0	93	14.2	231.7	57.1	0.0	96
M&W SEEDS 46G55	98	P250	1	16.4	210.4	54.3	0.0	85	16.9	231.1	55.4	0.0	95	18.4	177.8	52.8	0.0	77	14.0	222.3	54.8	0.0	83
M&W SEEDS 45M21	100	P250	1,2	16.5	221.1	55.7	1.3	92	16.9	236.6	56.1	0.9	100	17.6	200.9	54.3	3.0	83	14.9	226.0	56.7	0.0	94
M&W SEEDS 45A36	101	P250	1,2	16.7	219.8	54.9	0.0	97	16.8	223.2	55.1	0.0	100	18.7	210.7	53.6	0.0	92	14.6	225.5	56.1	0.0	100
M&W SEEDS 45N31	101	P250	1,2	16.5	230.3	55.5	0.0	91	16.4	248.0*	56.0	0.0	99	18.3	217.2	54.2	0.0	82	14.8	225.8	56.3	0.0	93
MYCOGEN 2A499	99	C500	1,2,3,4,6	17.1	215.4	55.5	2.5	98	17.0	210.9	56.3	7.6	100	18.7	207.6	54.1	0.0	96	15.6	227.8	56.2	0.0	97
NK Brand M45P-3122A	101	C250	1,2,3,4,5,6	16.5	207.6	56.3	0.3	94	16.6	236.5	56.8	0.0	100	18.2	175.0	55.1	0.9	82	14.7	211.4	57.0	0.0	100
NuTech/G2 GENETICS X5Z-9501™	95	P500	1,2,4	15.9	211.6	56.7	0.2	96	16.0	216.3	57.0	0.6	100	17.4	201.3	56.0	0.0	94	14.4	217.1	57.1	0.0	96
NuTech/G2 GENETICS 5F-196™	96	P500	1,2,4	16.0	228.7	53.1	0.0	97	16.2	229.6	54.0	0.0	100	17.9	220.5*	51.5	0.0	92	13.9	236.0	53.7	0.0	99
NuTech/G2 GENETICS X5Z-9902™	99	P500	1,2,4	16.8	205.9	53.0	0.0	83	16.8	234.1	54.7	0.0	93	19.0	192.8	50.4	0.0	77	14.7	190.8	53.9	0.0	79
NuTech/G2 GENETICS 5F-701™	101	P500	1,2,4	17.0	228.8	55.0	0.8	96	16.8	235.9	56.1	0.6	100	18.7	216.6	53.1	1.8	92	15.4	233.8	55.6	0.0	96
NuTech/G2 GENETICS 5Z-601™	101	P500	1,2,4	17.1	242.4**	54.7	1.1	95	17.4	258.1**	55.9	0.8	100	18.5	209.4	53.0	2.4	85	15.5	259.7**	55.2	0.0	99
RENK RK596SSTX	98	P500	1,2,3,4,6	15.6	225.3	56.1	0.0	95	15.5	236.3	57.0	0.0	100	17.5	195.6	55.2	0.0	86	13.9	243.8	56.2	0.0	99
RENK RK595SSTX	99	P500	1,2,3,4,6	15.8	225.7	56.4	0.1	98	16.0	231.2	56.7	0.3	97	17.2	220.7*	55.3	0.0	96	14.4	225.1	57.3	0.0	100
RENK RK612SSTX	100	P500	1,2,3,4,6	16.2	230.2	55.7	1.7	97	16.5	233.1	55.8	5.1	100	17.9	214.0	54.5	0.0	97	14.4	243.6	56.7	0.0	95
RENK RK608DGV2P	100	P250	1,2,5	16.5	236.6*	54.4	0.1	97	17.0	247.3*	55.2	0.3	100	18.1	230.7*	53.2	0.0	94	14.3	231.7	54.9	0.0	96
RUPP XRD94-26	94	A250	1,2	15.8	218.5	56.3	1.2	97	15.9	227.5	56.3	3.7	100	17.3	210.0	55.2	0.0	99	14.3	218.2	57.5	0.0	92
RUPP XRT94-06	94	A250	1,2,3	16.0	217.4	56.4	0.7	96	16.2	224.1	57.0	1.4	100	17.5	202.8	55.4	0.0	90	14.4	225.1	56.9	0.6	96
RUPP XRD97-56	97	A250	1,2	15.4	221.4	55.8	0.0	96	14.9	234.3	56.7	0.0	100	17.4	202.8	54.3	0.0	92	13.9	227.1	56.3	0.0	97
RUPP XRD00-51	100	A250	1,2	16.8	234.3*	55.6	0.0	92	16.7	248.5*	55.9	0.0	100	18.6	208.6	54.4	0.0	83	15.0	245.8*	56.4	0.0	93
SEED CONSULTANTS SCS 924YHR™	92	C250	1,2,4	16.1	210.7	54.3	1.0	94	16.5	228.4	55.0	3.1	99	17.3	194.6	53.3	0.0	86	14.5	209.0	54.7	0.0	96
SEED CONSULTANTS SCS 965YHR™	96	C250	1,2,4	15.9	230.9	53.0	0.5	93	15.4	235.4	53.8	1.4	99	18.3	222.1*	51.4	0.0	83	13.9	235.1	53.8	0.0	95
SEED CONSULTANTS SC 9A061™	98	P500	1,2,3,4	16.6	218.3	55.3	3.0	97	17.0	212.6	56.6	9.0	100	18.1	203.0	53.4	0.0	94	14.8	239.2	56.1	0.0	98
SEED CONSULTANTS SCS 1017YHR™	101	P1250	1,2,4	16.7	224.2	51.9	0.0	94	17.4	225.1	52.9	0.0	100	18.7	209.3	50.0	0.0	87	14.1	238.2	52.7	0.0	96
SPECIALTY 24A104	94	P500	1,2,3,4,6	15.6	222.9	55.5	0.9	98	16.1	220.5	56.3	2.6	99	16.7	216.8	54.3	0.0	98	14.1	231.4	56.0	0.0	98
SPECIALTY 26A236	96	P500	STX	15.8	236.9*	55.8	0.1	98	16.1	249.9*	56.5	0.3	100	17.2	221.7*	54.6	0.0	96	14.0	239.0	56.4	0.0	99
SPECIALTY 28A325	98	P500	1,2,3,4,6	16.7	222.9	56.0	0.2	94	16.4	233.2	56.4	0.6	99	19.1	208.1	54.9	0.0	88	14.8	227.4	56.7	0.0	96
SPECIALTY 29A263	99	P500	1,2,3,4,6	15.7	231.8	55.0	1.3	95	15.8	221.4	55.8	3.8	95	17.3	227.2*	53.4	0.0	91	14.1	247.0*	55.8	0.0	100
STEYER 9203 VT2PRORIBC	92	C250	1,2	15.5	211.1	56.2	0.2	92	15.8	223.5	57.1	0.6	96	17.0	188.6	55.1	0.0	87	13.8	221.3	56.5	0.0	94
STEYER 10102 VT2PRORIBC	101	C250	1,2	16.5	221.4	55.1	0.3	97	16.2	217.5	56.1	0.8	100	18.6	210.1	52.7	0.0	91	14.7	236.6	56.5	0.0	99
STEYER 9204 VT2PRORIBC	92	C250	1,2	15.1	203.6	55.1	0.9	94	14.2	201.0	54.8	2.8	100	17.0	190.2	54.4	0.0	88	14.1	219.6	56.1	0.0	94
STEYER 9401 GENSSRIBC	94	C250	1,2,3,4	15.6	224.9	55.7	0.0	95	15.5	234.4	56.3	0.0	99	17.0	213.6	54.5	0.0	92	14.2	226.8	56.3	0.0	93
Fill				17.1	222.1	55.5	1.2	98	16.6	213.3	56.1	3.7	100	19.3	217.8	54.1	0.0	97	15.3	235.3	56.4	0.0	96
Fill				16.8	219.0	55.4	1.0	97	16.4	212.0	56.2	3.1	100	18.8	222.3*	54.2	0.0	97	15.3	222.7	55.8	0.0	95
AVERAGE				16.1	223.3	55.5	0.5	95	16.2	231.6	56.1	1.3	99	17.8	208.9	54.2	0.2	90	14.4	229.4	56.1	0.0	96
HIGHEST				17.5	242.4	57.6	3.0	99	17.8	258.1**	58.0	9.0	100	19.8	237.9**	56.8	3.0	99	15.6	259.7**	58.2	0.6	100
LOWEST				14.9	203.6	51.9	0.0	83	14.2	201.0	52.9	0.0	93	16.0	175.0	50.0	0.0	77	13.4	190.8	52.7	0.0	79
CV (%)				3.3	6.3	1.3	240.1	7.0	2.9	6.0	1.4	135.1	2.0	3.8	7.5	1.6	552.0	11.0	2.9	5.5	0.9	1800.0	7.0
LSD (5%)				0.4	9.5	0.5	0.8	5.0	0.5	16.4	0.9	2.0	3.0	0.8	18.3	1.0	1.3	11.0	0.5	14.7	0.6	0.1	8.0

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

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

BRAND / HYBRID	RM	TRT	TRAIT	Late - TRIAL AVERAGE						Allegan - Late						Ingham - Late						Saginaw - Late					
				%H2O	BU/A	Twt	%SL	%Sd	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%Sd	%H2O	BU/A	Twt	%SL	%Sd	
AGRIGOLD A6267STXRIB	102	P500	1,2,3,4	17.5	238.3*	55.0	0.0	95	17.1	246.8	55.1	0.0	100	19.9	217.5	54.0	0.0	95	15.7	250.6*	55.9	0.0	91				
AGRIGOLD A6355STXRIB	103	P500	1,2,3,4	18.6	223.5	54.3	2.6	93	17.8	238.7	54.4	0.0	99	21.2	213.0	53.5	6.9	90	16.7	218.9	55.1	0.8	90				
AGRIGOLD A6346STX	104	P500	1,2,3,4	18.2	225.7	54.6	0.5	88	17.9	236.8	55.0	0.0	96	20.3	203.8	52.9	1.4	85	16.3	236.5	56.0	0.0	82				
BECK 5234AMX™*	102	ESC	1,2,3,4,6	16.9	236.2	55.0	0.0	91	16.8	244.7	56.2	0.0	100	18.8	224.1*	53.3	0.0	90	15.2	239.7	55.7	0.0	84				
BECK 5337V2P	103	ESC	1,2	17.3	227.1	55.1	0.0	93	16.7	251.5	55.0	0.0	100	19.3	212.5	54.1	0.0	94	15.8	217.3	56.1	0.0	87				
BECK 5460AM™*	104	ESC	1,2,4,6	17.6	237.9*	54.3	0.1	95	17.2	254.5	54.9	0.3	100	19.4	218.5	53.0	0.0	97	16.2	240.9	55.0	0.0	88				
BECK 5140HR™*	105	ESC	1,2,4,6	18.1	245.8**	54.5	0.6	90	17.7	255.5	54.4	0.0	98	19.9	219.8	53.7	1.9	96	16.7	261.9**	55.4	0.0	76				
BRODBECK 9409	109	C252	1	19.4	230.1	53.8	1.9	94	18.0	234.1	54.1	4.0	99	22.0	231.7*	53.1	0.0	97	18.2	224.5	54.2	1.7	85				
BRODBECK 57RA10	110	C253	1,2,3,4,6	19.3	225.3	51.5	0.1	86	18.6	226.1	52.7	0.3	95	22.7	202.6	49.9	0.0	89	16.6	247.0*	52.0	0.0	75				
DAIRYLAND SEED DS-9802	102	C500	1,2,3,4,6	18.0	221.2	53.9	0.0	95	17.4	231.4	54.8	0.0	100	20.5	210.8	52.6	0.0	97	16.0	221.3	54.4	0.0	87				
DAIRYLAND SEED DS-9403	103	C500	1,2,3,4,6	17.2	227.7	52.6	3.0	95	16.6	227.0	53.1	4.2	100	19.3	219.2	50.4	0.9	96	15.6	236.9	54.4	4.0	90				
DAIRYLAND SEED DS-9204	104	C500	1,2,3,4,6	17.9	218.0	52.2	0.0	95	16.8	226.3	52.4	0.0	100	21.5	203.6	52.2	0.0	97	15.3	224.3	52.1	0.0	87				
DAIRYLAND SEED DS-9106	106	C500	1,2,3,4,6	18.0	228.3	54.3	0.4	90	17.4	239.1	54.8	0.0	99	20.1	214.1	53.2	1.3	95	16.6	231.6	54.9	0.0	77				
DEKALB DKC53-68 GENSSRIB	103	PV500	1,2,3,4,6	16.9	238.8*	56.1	0.0	94	16.7	239.2	55.2	0.0	97	18.6	240.4**	55.0	0.0	99	15.4	237.0	58.0	0.0	87				
DEKALB DKC55-20 GENSSRIB	105	PV500	1,2,3,4,6	17.9	240.0*	53.7	0.3	93	17.7	246.6	53.7	0.0	98	19.7	226.6*	52.9	0.0	96	16.2	246.7*	54.5	0.9	86				
DYNAGRO D43SS50	103	P500	1,2,3,4,6	18.3	231.9	56.5	0.3	92	18.4	246.6	57.4	0.0	100	19.8	222.3	54.8	0.9	94	16.6	226.8	57.4	0.0	83				
GOLDEN HARVEST G03A50-3010	103	C250	1,2,4	17.4	223.4	56.0	0.8	95	17.1	227.9	56.2	2.5	100	19.4	214.7	54.5	0.0	94	15.6	227.7	57.2	0.0	91				
GOLDEN HARVEST G03C84-3010	103	C250	1,2,4	17.7	226.5	54.8	0.7	96	17.5	230.1	55.7	1.7	100	19.6	228.1*	53.2	0.0	97	16.0	221.3	55.4	0.3	90				
GOLDEN HARVEST G03H42-3000GT	103	C250	1,2,4	17.7	196.4	53.9	0.0	98	17.5	217.3	55.3	0.0	100	20.2	173.3	52.6	0.0	95	15.6	198.5	53.9	0.0	100				
GOLDEN HARVEST G07F23-3111	107	C250	1,2,3,4	18.7	231.3	53.5	5.2	91	18.3	218.2	53.7	3.6	100	21.4	226.0*	52.3	11.5	99	16.4	249.8*	54.6	0.6	74				
GREAT LAKES 5283STXRIB	102	P500	1,2,3,6	17.3	245.3*	54.8	0.2	98	16.7	256.7	54.5	0.6	100	19.5	236.1*	54.0	0.0	99	15.8	243.0	56.1	0.0	96				
GREAT LAKES 5470STXRIB	104	P500	1,2,3,6	17.8	235.6	55.7	0.2	98	17.5	245.8	56.4	0.6	100	19.6	223.5*	54.0	0.0	95	16.5	237.6	56.6	0.0	99				
GREAT LAKES 5556V2RIB	105	P500	1,2	17.9	222.5	54.5	0.0	91	17.6	226.0	55.1	0.0	98	20.0	207.7	53.0	0.0	89	16.2	233.9	55.3	0.0	87				
GREAT LAKES 5824STXRIB	108	P500	1,2,3,6	19.0	245.4*	55.7	2.2	96	19.3	250.6	55.6	0.3	100	20.9	235.8*	54.6	6.3	90	16.9	249.7*	56.9	0.0	98				
INTEGRA 5243DGV2PRIB	102	A250	1,2	17.6	234.7	53.6	0.0	95	17.3	248.8	53.6	0.0	99	19.9	224.9*	52.3	0.0	94	15.6	230.3	55.0	0.0	91				
LEGACY SEEDS L-5516 VT2PRO	105	P500	1,2,3,4,6	18.0	233.8	53.8	2.2	91	17.9	245.3	53.2	0.0	99	20.2	220.0	53.4	6.5	88	15.9	236.0	54.7	0.0	86				
LEGEND 9405 GENSSRIB	105	C250	1,2,3,4,6	18.3	219.4	55.5	0.3	89	17.9	232.9	55.6	0.0	99	20.2	210.0	54.5	0.8	87	16.9	215.4	56.4	0.0	82				
LEGEND 9608 GENSSRIB	108	C250	1,2,3,4,6	18.2	233.1	54.5	0.1	92	17.6	241.7	55.2	0.3	99	20.7	203.6	52.4	0.0	92	16.4	254.0*	56.0	0.0	85				
M&W SEEDS 45K75	102	P250	1,2,5	16.9	226.9	54.8	0.0	95	16.5	239.8	55.6	0.0	98	19.0	221.5	53.4	0.0	98	15.2	219.4	55.6	0.0	90				
M&W SEEDS 45M44	103	P250	1,2	17.3	236.2	55.4	0.3	90	16.8	244.2	56.1	0.0	100	19.0	226.1*	53.5	0.9	91	16.0	238.5	56.6	0.0	79				
M&W SEEDS WMX103	103	P250	1,2	17.7	240.9*	54.4	0.3	97	17.5	251.3	54.2	0.9	100	19.7	227.3*	52.7	0.0	96	16.0	244.2	56.3	0.0	94				
M&W SEEDS 45N89	104	P250	1,2	18.4	240.7*	54.8	0.2	88	18.8	247.2	54.7	0.6	93	20.5	226.6*	53.5	0.0	86	16.0	248.2*	56.2	0.0	86				
MYCOGEN X13526VH	102	C500	1,2,3,4,6	17.8	223.3	53.9	0.9	94	17.7	220.8	54.1	1.1	97	19.9	212.4	53.0	1.5	95	15.8	236.8	54.6	0.0	90				
NK Brand IN50D-3010	103	C250	1,2,4	17.5	229.6	56.1	0.9	90	17.1	238.7	56.3	2.8	100	19.3	216.5	55.2	0.0	100	16.2	233.7	56.7	0.0	69				
NK Brand IN51R-3000GT	103	C250	1,2,4	17.9	201.8	54.3	0.0	95	17.8	210.7	54.0	0.0	100	19.7	188.5	53.3	0.0	98	16.2	206.2	55.6	0.0	88				
NK Brand IN60F-3111	107	C250	1,2,3,4,6	18.7	229.4	53.6	1.8	93	18.4	210.9	54.4	2.5	100	21.3	230.6*	52.1	2.9	98	16.5	246.6*	54.5	0.0	81				
RENK RK680SSTX	103	P500	1,2,3,4,6	16.8	230.6	55.0	0.0	97	16.3	245.4	54.9	0.0	98	19.1	217.0	53.7	0.0	94	15.0	229.3	56.5	0.0	99				
RENK RK675DGV2P	103	P250	1,2,5	16.6	226.9	54.3	0.6	95	16.2	238.8	54.9	1.7	100	18.8	220.5	53.2	0.0	93	14.9	221.4	54.9	0.0	91				
RENK RK717SSTX	105	P500	1,2,3,4,6	17.5	233.8	55.8	0.0	96	17.5	217.2	55.3	0.0	100	19.1	240.2*	55.0	0.0	100	15.8	243.8	57.0	0.0	90				
RUPP XRD02-93	102	A250	1,2	18.2	236.7*	54.8	0.2	90	18.3	249.9	54.6	0.0	91	20.2	231.4*	53.5	0.7	86	16.1	228.8	56.5	0.0	92				
RUPP XRD03-71	103	PV500	1,2,5	16.7	227.7	54.3	0.0	86	16.9	238.3	54.8	0.0	99	18.5	220.4	53.0	0.0	87	14.8	224.4	55.1	0.0	72				
RUPP XRD05-04	105	A250	1,2	17.1	234.2	56.0	0.5	98	16.5	240.8	56.1	0.8	100	19.3	231.0*	55.0	0.6	96	15.4	230.8	57.0	0.0	97				
SEED CONSULTANTS SCS 1037YHR™	103	P1250	1,2,4	17.6	244.6*	54.6	0.0	90	17.2	276.1**	55.7	0.0	100	19.4	228.6*	53.4	0.0	94	16.1	229.3	54.8	0.0	78				
SEED CONSULTANTS SCS 10HR43™	104	P1250	1,2,4	18.0	241.5*	54.9	0.5	92	17.5	257.9	55.0	1.4	99	19.2	228.6*	54.2	0.0	92	17.2	238.1	55.7	0.0	85				
SPECIALTY 32A323	102	P500	1,2,3,4,6	16.9	239.4*	54.2	0.1	97	16.7	253.2	54.6	0.3	100	18.9	230.1*	52.7	0.0	98	15.1	235.0	55.3	0.0	94				

	104	P500	DGVT2P	18.7	234.8	55.4	0.0	93	18.7	248.3	55.3	0.0	100	21.1	227.1*	53.5	0.0	94	16.3	228.9	57.3	0.0	85
SPECIALTY 34G234	105	P500	1,2,3,4,6	18.3	226.6	55.4	0.9	97	18.3	241.2	55.8	2.0	99	20.0	222.5	54.2	0.0	97	16.8	216.2	56.3	0.7	94
SPECIALTY 35A655	103	C250	1,2	16.6	239.7*	54.9	0.0	95	16.4	243.6	55.2	0.0	97	18.6	239.2*	53.3	0.0	97	14.8	236.4	56.4	0.0	90
STEYER 10304 DGVT2PRORIBC	105	C250	1,2	18.6	223.6	54.5	0.8	89	18.3	227.9	54.1	0.3	94	21.1	215.6	53.2	2.0	88	16.5	227.2	56.4	0.0	84
AVERAGE				17.8	230.9	54.6	0.6	93	17.5	239.3	54.9	0.7	99	19.9	220.1	53.3	1.0	94	16.0	233.1	55.6	0.2	87
HIGHEST				19.4	245.8	56.5	5.2	98	19.3	276.1	57.4	4.2	100	22.7	240.4	55.2	11.5	100	18.2	261.9	58.0	4.0	100
LOWEST				16.6	196.4	51.5	0.0	86	16.2	210.7	52.4	0.0	91	18.5	173.3	49.9	0.0	85	14.8	198.5	52.0	0.0	69
CV (%)				3.7	6.1	1.7	478.4	11.0	3.2	6.2	2.0	220.5	4.0	4.0	6.7	1.6	479.5	6.0	3.8	5.7	1.6	702.9	18.0
LSD (5%)				0.4	9.5	0.6	1.9	7.0	0.7	17.4	1.3	1.7	4.0	0.9	17.4	1.0	5.4	7.0	0.7	15.5	1.0	1.5	18.0

2 Year Averages 2016 - 2015																											
BRAND / HYBRID	RM	TRT	TRAIT	Late - TRIAL AVERAGE						Alleghan - Late						Ingham - Late						Saginaw - Late					
				%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	20.2	240.7	55.0	0.0	97	20.3	249.4*	54.2	0.0	99	19.6	236.2*	55.4	0.0	97	20.6	236.4	55.3	0.0	96				
BECK 5234AMX™*	102	ESC	1,2,3,4,6	18.9	234.9	55.7	0.0	95	19.3	245.5	55.7	0.0	100	18.1	235.8*	55.7	0.0	94	19.2	223.5	55.7	0.0	91				
BECK 5460AM™*	104	ESC	1,2,4,6	20.5	239.2	54.8	0.0	97	21.5	243.9	54.5	0.0	99	19.1	236.3*	55.0	0.0	98	20.7	237.6*	55.0	0.0	94				
BECK 5140HR™*	105	ESC	1,2,4,6	21.1	249.5**	55.0	0.3	94	21.8	257.9**	54.4	0.0	99	19.8	242.8*	55.9	0.9	98	21.8	247.9**	54.7	0.0	87				
DEKALB DKC53-68 GENSSRIB	103	PV500	1,2,3,4,6	20.1	235.0	55.9	0.2	95	21.2	234.0	55.0	0.0	96	18.7	237.6*	56.7	0.5	97	20.4	233.4	56.0	0.0	92				
DEKALB DKC55-20 GENSSRIB	105	PV500	1,2,3,4,6	20.7	240.4	53.9	0.2	96	21.6	247.5*	53.5	0.0	99	20.3	240.6*	54.6	0.0	98	20.1	233.3	53.5	0.5	92				
DYNAGRO D43SS50	103	P500	1,2,3,4,6	21.5	230.4	56.5	0.1	93	22.6	243.0	56.2	0.0	94	20.1	224.9	56.6	0.4	96	21.7	223.2	56.7	0.0	89				
GOLDEN HARVEST G07F23-3111	107	C250	1,2,3,4	22.6	227.5	53.8	2.0	94	24.2	229.6	53.1	0.0	98	22.9	221.6	54.2	5.8	97	20.9	231.2	54.1	0.3	86				
GREAT LAKES 5283STXRIB	102	P500	1,2,3,6	20.2	243.6*	54.8	0.3	98	20.6	247.1*	53.7	0.0	99	19.4	246.1**	55.6	0.0	98	20.6	237.7*	55.1	0.8	97				
GREAT LAKES 5470STXRIB	104	P500	1,2,3,6	20.9	237.7	55.9	0.1	97	21.5	244.8	55.8	0.0	99	20.3	239.6*	55.8	0.0	97	20.9	228.6	56.1	0.3	94				
MYCOGEN X13526VH	102	C500	1,2,3,4,6	20.5	228.8	54.0	0.2	97	21.9	232.1	52.9	0.0	98	19.2	227.6	55.1	0.7	96	20.3	226.8	54.2	0.0	96				
NK Brand N60F-3111	107	C250	1,2,3,4,6	22.6	223.4	53.8	0.9	96	23.5	217.9	53.4	0.0	99	22.1	225.8	54.0	1.9	99	22.4	226.5	54.0	0.7	90				
RUPP XRD03-71	103	PV500	1,2,5	19.3	235.2	54.6	0.0	93	20.4	243.1	54.3	0.0	98	18.2	234.5	54.9	0.0	94	19.3	228.2	54.6	0.0	87				
SEED CONSULTANTS SCS 10HR43™	104	P1250	1,2,4	21.1	245.5*	55.1	0.0	95	21.0	254.9*	54.7	0.0	97	19.9	246.1**	55.9	0.0	95	22.3	235.4	54.6	0.0	92				
SPECIALTY 32A323	102	P500	1,2,3,4,6	19.6	238.9	54.6	0.1	98	20.3	250.8*	54.3	0.0	100	18.9	241.6*	54.9	0.0	97	19.8	224.5	54.5	0.4	97				
SPECIALTY 35A655	105	P500	1,2,3,4,6	22.3	227.5	55.7	0.2	97	24.3	233.4	56.0	0.0	99	20.3	235.9*	55.7	0.0	97	22.3	213.1	55.4	0.5	96				
AVERAGE				20.7	236.1	54.9	0.3	96	21.6	242.2	54.5	0.0	98	19.8	235.8	55.4	0.6	97	20.8	230.5	55.0	0.2	92				
HIGHEST				22.6	249.5	56.5	2.0	98	24.3	257.9	56.2	0.0	100	22.9	246.1	56.7	5.8	99	22.4	247.9	56.7	0.8	97				
LOWEST				18.9	223.4	53.8	0.0	93	19.3	217.9	52.9	0.0	94	18.1	221.6	54.0	0.0	94	19.2	213.1	53.5	0.0	86				
CV (%)				5.3	5.8	1.8	1052.0	8.0	5.6	5.8	2.2	0.0	5.0	4.6	6.0	1.5	442.5	5.0	5.5	5.8	1.6	3902.0	13.0				
LSD (5%)				0.5	6.4	0.5	2.4	4.0	0.9	11.4	1.0	0.0	4.0	0.8	11.3	0.7	2.7	4.0	0.8	11.1	0.7	6.7	10.0				

** 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

BRAND / HYBRID	RM	TRT	TRAIT	Early - TRIAL AVERAGE						Huron - Early				Mason - Early				Montcalm - Early					
				%H2O	BUJA	Twt	%SL	%Sd	%H2O	BUJA	Twt	%SL	%Sd	%H2O	BUJA	Twt	%SL	%Sd	%H2O	BUJA	Twt	%SL	%Sd
BECK 4323VR	93	ESC	1,2,4,6	19.0	192.1	55.1	2.2	96	16.6	151.1	57.6	4.2	96	21.1	230.9	54.4	1.9	92	19.2	194.4	53.4	0.6	100
BECK 4606V2P	96	ESC	1,2	17.3	199.9	53.5	1.0	100	17.1	176.3	55.9	0.0	100	19.9	227.1	53.0	2.6	98	16.0	196.2	51.7	0.6	103
BECK 4721AM™	97	ESC	1,2,4,6	19.7	209.9	50.9	1.6	95	17.1	171.7	54.3	2.4	97	22.0	245.2	50.0	2.5	90	20.2	212.7	48.4	0.0	97
CROPLAN 3314VT2P	93	A250	1,2	18.7	201.0	52.7	0.0	94	16.5	177.0	54.9	0.0	95	20.3	231.1	52.3	0.0	93	19.1	194.9	51.1	0.0	95
CROPLAN 3399SS/RI	93	A500	1,2,3,6	19.0	211.1	53.9	0.7	99	17.0	184.6	56.0	0.3	99	21.5	254.6	52.4	1.1	98	18.5	193.9	53.3	0.8	99
CROPLAN 3499VT3P/RI	94	A250	1,2,3	19.2	204.3	53.8	0.1	98	17.1	178.3	56.5	0.0	100	20.9	236.8	53.5	0.3	95	19.7	197.7	51.4	0.0	100
CROPLAN 3611SS/RI	96	A500	1,2,3,6	19.2	207.2	53.8	0.6	96	17.4	188.6	56.3	0.6	100	21.5	229.9	52.5	1.2	88	18.8	203.2	52.6	0.0	99
CROPLAN 3899VT2P/RI	96	A250	1,2	20.6	210.0	53.0	1.3	98	18.3	190.7	55.1	0.0	100	22.4	237.2	53.4	3.8	94	21.0	202.1	50.6	0.0	100
CROPLAN 3614VT2P	96	A250	1,2	19.2	198.5	52.8	0.0	97	16.8	166.5	55.0	0.0	96	20.9	228.8	52.5	0.0	95	19.9	200.2	50.9	0.0	100
DAIRYLAND SEED DS-7294	94	C500	1,2,4,6	19.4	195.1	54.7	1.9	98	17.0	146.1	57.6	5.7	99	21.2	241.5	54.1	0.0	97	20.0	197.7	52.5	0.0	99
DEKALB DKC46-36 GENSS/RI	96	PV500	1,2,3,4,6	19.3	214.3	53.0	0.3	100	17.3	180.7	55.3	0.0	99	20.7	251.8	52.3	0.9	100	19.9	210.3	51.4	0.0	100
DYNAGRO D32VC41	92	P500	1,2	18.7	203.9	53.5	0.4	96	16.5	177.3	56.3	0.6	97	20.8	241.2	52.7	0.6	92	18.9	193.1	51.6	0.0	99
DYNAGRO D34VC54	94	P500	1,2	19.1	207.3	53.0	0.8	96	16.8	185.4	54.6	1.1	100	20.1	247.9	53.1	0.6	88	20.4	188.6	51.2	0.9	100
DYNAGRO D35SS58	95	P500	1,2,3,4,6	19.2	195.8	53.2	0.2	93	17.2	175.4	56.1	0.0	97	21.0	226.4	52.1	0.6	83	19.4	185.7	51.3	0.0	100
DYNAGRO D37SS60	97	P500	1,2,3,4,6	19.5	212.4	53.7	0.3	97	17.8	187.3	56.0	0.0	100	21.3	235.7	52.9	1.0	90	19.5	214.1	52.1	0.0	100
GOLDEN HARVEST G90Y04-3110A	92	C250	1,2,4,5,6	19.3	196.8	54.9	1.5	96	17.2	170.8	57.6	3.4	100	21.5	233.6	54.5	0.9	88	19.3	185.9	52.6	0.3	100
GOLDEN HARVEST G94B95-3110	94	C250	1,2,4,6	18.9	195.1	54.7	2.1	96	17.2	156.2	57.4	6.2	96	20.7	238.2	53.9	0.0	93	18.8	190.8	52.7	0.0	100
GOLDEN HARVEST G95D32-3110	95	C250	1,2,4,6	20.1	200.5	54.4	0.1	93	17.8	175.1	56.7	0.0	95	21.9	227.1	54.3	0.3	83	20.6	199.5	52.1	0.0	99
GOLDEN HARVEST G96V99-3010	96	C250	1,2,4	20.4	208.3	53.2	1.7	98	18.4	185.2	54.9	0.0	100	22.7	236.1	52.5	4.7	94	20.1	203.8	52.1	0.6	99
GREAT LAKES 4037STX/RI	90	P500	1,2,3,6	17.8	193.7	54.3	0.3	97	16.2	176.0	56.7	0.0	99	20.4	218.0	53.6	0.6	93	16.8	187.2	52.7	0.3	98
GREAT LAKES 4250TX/RI	92	P500	1,2,3,6	18.4	192.7	53.0	1.7	97	16.7	165.4	54.9	2.3	100	20.2	215.3	52.5	2.9	93	18.3	197.3	51.6	0.0	99
GREAT LAKES 4452VT2/RI	94	P500	1,2	18.8	218.7	53.5	0.3	99	16.6	182.8	55.8	0.6	100	20.8	254.6	52.4	0.3	98	19.0	218.7	52.2	0.0	100
GREAT LAKES 4548STX/RI	95	P500	1,2,3,6	19.4	207.2	53.8	0.8	97	17.5	184.1	56.4	0.0	98	20.9	243.3	52.5	2.5	94	19.7	194.4	52.6	0.0	100
INTEGRA 4652GSS	96	PV500	1,2,3,4,6	18.4	196.6	54.8	6.1	99	16.5	184.3	56.6	0.0	100	20.1	211.0	54.1	17.2	94	18.5	194.5	53.6	1.1	103
INTEGRA 4342VT2P/RI	93	A250	1,2	18.8	191.1	54.2	0.7	92	17.1	169.3	56.1	0.0	97	20.7	213.8	53.9	1.9	86	18.6	190.2	52.7	0.3	92
LEGACY SEEDS L-3115 VT2PRO	92	P250	1,2	18.5	187.7	54.1	1.3	90	16.1	167.9	56.5	1.5	92	20.3	214.6	53.5	2.1	82	19.0	180.6	52.3	0.3	97
LEGACY SEEDS L-3416 VT2PRO	94	P250	1,2	18.8	201.6	53.3	2.4	96	16.2	168.1	56.0	0.9	94	20.7	236.5	52.2	5.0	94	19.5	200.3	51.8	1.1	100
LEGACY SEEDS L-3423 GENSS	95	P500	1,2,3,4,6	19.0	195.6	52.8	0.5	93	16.8	165.3	55.5	0.9	98	21.0	232.9	52.7	0.6	81	19.2	188.5	50.2	0.0	99
LEGACY SEEDS L-3715 GENSS	96	P500	1,2,3,4,6	18.9	210.8	53.9	0.4	96	17.0	180.1	56.1	0.3	98	20.7	244.1	53.0	0.9	90	18.9	208.2	52.5	0.0	99
M&W SEEDS 47J66	94	P250	1,2	19.0	194.1	53.8	0.3	97	17.0	173.6	55.8	0.8	100	20.6	223.7	53.8	0.0	92	19.3	184.8	51.7	0.0	100
M&W SEEDS 46J11	96	P250	1,2	19.2	201.1	53.8	1.2	98	17.3	191.9	55.9	0.0	99	20.2	225.3	53.6	2.4	97	20.1	186.2	52.0	1.2	98
M&W SEEDS 46L42	96	P250	1,2	18.5	208.0	53.4	1.0	98	16.8	171.4	56.5	0.6	100	20.6	236.6	53.2	2.0	97	18.0	216.1	50.6	0.6	97
NK Brand N27P-3110A	92	C250	1,2,4,5,6	18.8	203.5	55.0	0.6	97	17.1	169.2	57.5	0.9	100	20.8	239.7	54.2	1.0	92	18.5	201.8	53.4	0.0	100
NK Brand N35T-3110	95	C250	1,2,4,6	19.6	199.5	54.0	0.0	94	17.3	175.8	56.8	0.0	100	21.2	243.2	53.6	0.0	88	20.3	179.6	51.7	0.0	95
NK Brand N36G-3010	96	C250	1,2,4	20.6	206.9	53.1	1.8	96	18.3	177.0	55.7	0.0	100	22.8	234.0	52.3	5.3	88	20.8	209.7	51.4	0.3	99
NuTech/G2 GENETICS 5F-894™	94	P500	1,2,4	17.2	194.1	51.5	0.9	95	16.7	167.2	54.2	2.0	100	20.2	217.1	50.8	0.8	84	14.8	198.0	49.4	0.0	100
NuTech/G2 GENETICS X5Z-9501™	95	P500	1,2,4	19.0	194.1	54.6	0.6	94	17.3	183.9	56.9	0.8	99	20.5	205.0	53.9	0.9	86	19.2	193.3	53.0	0.0	98
NuTech/G2 GENETICS 5F-196™	96	P500	1,2,4	20.3	204.0	51.2	0.3	94	17.4	178.1	54.3	0.0	96	22.1	245.3	50.3	0.0	87	21.5	188.6	49.1	0.9	99
PARTNERS BRAND 6255 RR2	92	C250	1	18.5	202.8	53.7	1.1	96	16.6	177.1	55.6	0.6	97	20.5	239.3	53.7	2.7	91	18.4	191.9	51.8	0.0	99
RENK RK299VT2P	89	P250	1,2	17.7	192.8	53.9	0.1	93	16.0	175.9	56.2	0.3	94	20.4	203.1	53.8	0.0	88	16.7	199.3	51.8	0.0	98
RENK RK408VT2P	91	P250	1,2	18.3	206.5	53.7	0.1	95	16.5	175.8	56.1	0.0	99	20.6	239.8	52.6	0.3	89	18.0	203.9	52.3	0.0	98
RENK RK433VT2P	92	P250	1,2	18.8	191.5	53.7	0.9	97	17.5	172.8	55.8	0.0	97	20.9	235.6	54.1	2.7	95	18.5	188.4	51.1	0.0	100
RENK RK522SSTX	94	P500	1,2,3,4,6	18.4	204.8	53.4	0.6	96	16.8	172.3	55.5	0.9	98	20.6	239.6	52.8	1.0	92	17.6	202.4	51.8	0.0	97
RENK RK565SSTX	94	P500	1,2,3,4,6	19.2	209.0	53.8	0.0	91	17.1	181.4	56.6	0.0	94	21.1	242.0	52.2	0.0	84	19.3	203.7	52.6	0.0	95
RUPP XRD90-64	90	C250	1,2,4	19.2	200.8	53.0	1.8	88	16.7	167.0	55.4	1.6	90	21.2	222.7	52.2	3.4	79	19.7	212.6	51.5	0.6	96

	92	A250	1,2	17.9	192.2	54.1	0.8	95	16.1	173.5	57.2	0.0	98	20.2	215.5	53.5	1.9	90	17.4	187.8	51.6	0.6	97
RUPP XRD92-74	92	A250	1,2	17.9	192.2	54.1	0.8	95	16.1	173.5	57.2	0.0	98	20.2	215.5	53.5	1.9	90	17.4	187.8	51.6	0.6	97
RUPP XRD94-26	94	A250	1,2	19.3	205.2	53.9	0.7	98	16.9	188.5*	56.9	0.6	100	21.1	227.3	52.9	1.4	94	20.0	199.8	52.1	0.0	100
RUPP XRT94-06	94	A250	1,2,3	19.0	207.9	53.9	0.2	97	17.0	181.9*	56.2	0.0	97	21.2	240.9*	53.4	0.6	96	18.9	200.9	51.9	0.0	100
RUPP XRD97-56	97	A250	1,2	18.0	191.5	53.1	1.0	99	16.5	171.3	55.6	0.6	100	20.0	227.9	53.0	2.2	98	17.5	175.2	50.8	0.3	99
STEYER 9203 VT2PRORIBC	92	C250	1,2	18.9	198.9	53.6	0.1	93	17.2	167.8	55.6	0.0	94	20.9	234.0	52.7	0.3	93	18.6	195.0	52.6	0.0	92
STEYER 8602 3000GT	86	C250	1,2,3,4	18.5	176.6	54.6	0.9	93	16.3	146.1	56.8	2.5	96	20.9	207.1	54.0	0.0	85	18.3	176.7	52.9	0.3	98
STEYER 9204 VT2PRORIBC	92	C250	1,2	17.9	185.5	53.2	2.3	97	16.6	176.0	55.4	0.9	100	19.7	204.4	53.3	5.9	92	17.3	176.0	51.0	0.0	98
STEYER 9401 GENSSRIBC	94	C250	1,2,3,4	18.6	202.1	52.8	0.3	90	16.6	173.8	55.3	0.0	95	21.2	220.4	51.8	1.0	81	18.0	211.9*	51.2	0.0	95
AVERAGE				18.9	200.6	53.6	0.9	96	16.9	174.7	56.0	0.8	98	20.9	230.8	53.0	1.7	91	18.9	196.4	51.8	0.2	99
HIGHEST				20.6	218.7	55.1	6.1	100	18.4	191.9	57.6	6.2	100	22.8	254.6	54.5	17.2	100	21.5	218.7	53.6	1.2	103
LOWEST				17.2	176.6	50.9	0.0	88	16.0	146.1	54.2	0.0	90	19.7	203.1	50.0	0.0	79	14.8	175.2	48.4	0.0	92
CV (%)				3.9	6.7	1.3	263.4	6.0	3.0	6.4	0.8	251.6	3.0	2.6	6.6	1.4	207.6	10.0	5.4	6.9	1.7	327.4	3.0
LSD (5%)				0.5	9.1	0.5	1.6	4.0	0.6	13.1	0.5	2.4	4.0	0.6	17.7	0.9	4.2	10.0	1.2	15.9	1.0	0.8	3.0

2 Year Averages 2016 - 2015																											
BRAND / HYBRID	RM	TRT	TRAIT	Early - TRIAL AVERAGE						Huron - Early						Mason - Early						Montcalm - Early					
				%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	A500	1,2,3,6	20.5	220.8*	54.3	0.4	94	17.7	209.0*	56.5	0.8	98	23.3	234.5*	53.2	0.0	86	20.5	218.8*	53.3	0.3	99				
CROPLAN 3899VT2P/RIB	96	A250	1,2	21.8	219.4*	53.8	0.3	96	18.8	213.2*	55.1	0.3	98	24.1	244.0**	53.6	0.0	91	22.7	201.0	52.6	0.7	100				
DEKALB DKC46-36 GENSSRIB	96	PV500	1,2,3,4,6	20.8	219.3*	54.3	0.0	98	18.1	204.5	55.6	0.0	99	22.8	240.2*	53.5	0.0	94	21.5	213.2*	53.8	0.1	100				
DYNAGRO D37SS60	97	P500	1,2,3,4,6	20.9	216.7*	54.2	0.0	96	18.0	203.5	56.3	0.0	100	23.3	236.9*	53.6	0.0	92	21.2	209.5*	52.8	0.0	98				
GOLDEN HARVEST G94B95-3110	94	C250	1,2,4,6	19.7	207.6	56.7	1.1	96	17.6	187.1	58.1	3.3	98	21.5	229.2	56.5	0.0	90	20.1	206.5*	55.5	0.0	100				
GOLDEN HARVEST G95D32-3110	95	C250	1,2,4,6	20.8	217.9*	55.5	0.3	96	18.3	204.4	57.1	0.9	97	22.4	230.0	55.1	0.0	91	21.8	219.2**	54.3	0.0	100				
GREAT LAKES 4548TXRIB	95	P500	1,2,3,6	20.7	212.8	54.4	0.1	96	17.9	195.8	56.4	0.3	99	23.0	235.0*	53.0	0.0	91	21.3	207.5*	53.8	0.0	99				
LEGACY SEEDS L-3115 VT2PRO	92	P250	1,2	19.9	205.3	54.3	0.3	93	16.7	206.5*	56.2	0.8	96	21.8	216.0	53.9	0.0	85	21.2	193.4	52.7	0.2	98				
M&W SEEDS 47J66	94	P250	1,2	19.9	206.1	55.0	0.6	96	17.4	198.3	55.8	1.4	100	22.0	230.7*	55.7	0.0	89	20.3	189.4	53.4	0.3	98				
M&W SEEDS 46J11	96	P250	1,2	20.5	211.5	54.8	0.3	95	17.9	207.2*	55.9	0.1	100	22.3	229.8	54.1	0.0	87	21.2	197.4	54.3	0.9	97				
NK Brand N27P-3110A	92	C250	1,2,4,5,6	19.7	210.9	56.6	0.1	95	17.5	193.3	57.9	0.4	99	21.7	236.9*	55.7	0.0	87	20.0	202.6	56.2	0.0	99				
NK Brand N35T-3110	95	C250	1,2,4,6	20.6	213.9*	55.4	5.0	95	17.9	212.5*	57.0	0.8	100	22.1	227.9	54.7	0.0	87	21.9	201.2	54.4	14.0	97				
NuTech/G2 GENETICS 5F-196™	96	P500	1,2,4	21.6	221.2**	52.7	0.1	93	18.4	215.6**	54.3	0.0	96	24.0	243.6*	51.9	0.0	86	22.5	204.5*	51.8	0.4	96				
RENK RK299VT2P	89	P250	1,2	18.6	197.9	51.4	6.2	94	16.3	202.7	56.5	0.1	97	21.0	213.2	54.9	0.0	88	18.5	177.7	42.7	18.5	96				
RENK RK522SSTX	94	P500	1,2,3,4,6	20.0	207.4	54.0	0.3	95	17.4	197.9	55.4	0.7	99	22.4	229.3	53.3	0.0	88	20.2	195.0	53.2	0.3	97				
RUPP XRD92-74	92	A250	1,2	18.5	207.1	57.0	0.2	96	16.2	203.7	57.3	0.1	99	20.8	219.6	54.5	0.0	92	18.5	197.9	59.4	0.6	97				
RUPP XRD94-26	94	A250	1,2	20.7	210.0	54.8	4.8	93	17.5	210.4*	56.7	0.3	100	23.3	222.0	53.9	0.0	80	21.3	197.5	53.8	14.3	100				
RUPP XRT94-06	94	A250	1,2,3	20.4	215.6*	52.8	0.3	97	17.6	206.0*	56.7	0.9	98	23.3	236.4*	53.8	0.0	93	20.3	204.3*	47.8	0.0	100				
RUPP XRD97-56	97	A250	1,2	19.3	192.6	52.0	0.4	97	16.5	187.0	55.6	0.6	99	22.4	225.5	53.6	0.0	96	19.1	165.3	46.9	0.6	96				
AVERAGE				20.3	211.3	54.4	1.1	95	17.6	203.1	56.3	0.6	99	22.5	230.6	54.1	0.0	89	20.7	200.1	52.8	2.7	98				
HIGHEST				21.8	221.2	57.0	6.2	98	18.8	215.6	58.1	3.3	100	24.1	244.0	56.5	0.0	96	22.7	219.2	59.4	18.5	100				
LOWEST				18.5	192.6	51.4	0.0	93	16.2	187.0	54.3	0.0	96	20.8	213.2	51.9	0.0	80	18.5	165.3	42.7	0.0	96				
CV (%)				4.0	6.9	1.6	261.0	7.0	3.4	6.4	0.9	229.2	3.0	3.7	7.1	2.1	0.0	11.0	5.5	9.0	15.8	1168.0	4.0				
LSD (5%)				0.4	7.6	0.5	1.1	4.0	0.5	9.9	0.4	1.4	2.0	0.7	13.5	0.9	0.0	8.0	0.9	16.0	6.8	14.8	3.0				

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

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

TABLE 3L.

BRAND / HYBRID	2016	RM TRT	TRAIT	Late - TRIAL AVERAGE				Huron - Late				Mason - Late				Montcalm - Late								
				%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 4919V2P		99	ESC 1,2	18.8	201.2	55.1	4.0	99	16.7	180.8	57.4	0.3	99	21.0	222.3	54.3	11.9	98	18.7	200.6	53.7	0.0	100	
BECK 5162A3		101	ESC 1,2,3,4	20.4	202.6	54.5	2.2	98	18.5	191.3	56.6	1.1	98	22.2	233.6	53.3	4.9	97	20.6	183.0	53.5	0.6	100	
BECK 5234AMX™*		102	ESC 1,2,3,4,6	20.7	213.4	53.3	2.9	97	18.6	193.2	55.7	0.0	94	22.8	236.7	52.5	8.3	97	20.8	210.4	51.8	0.3	100	
BECK 5337V2P		103	ESC 1,2	21.3	205.4	53.0	0.1	99	18.7	184.7	55.4	0.0	99	23.0	250.2	52.1	0.0	97	22.3	181.1	51.6	0.3	100	
BRODBECK 57RA98		98	C250 1,2,3,4,6	22.2	196.3	51.7	0.4	98	19.5	170.4	54.1	0.0	99	23.8	229.9	50.5	1.2	95	23.3	188.5	50.3	0.0	100	
BRODBECK 9602		102	C251 1	22.0	204.1	51.6	2.4	98	19.9	190.3	54.1	1.4	100	23.6	234.1	50.4	3.7	95	22.6	188.0	50.3	2.1	98	
DAIRYLAND SEED DS-9198RA		98	C500 1,2,3,4,6	20.9	191.1	51.1	1.1	99	18.0	182.9	54.1	0.9	99	22.6	224.2	50.3	2.5	97	22.1	166.4	49.1	0.0	100	
DAIRYLAND SEED DS-9599		99	C500 1,2,3,4	21.3	198.8	51.7	1.4	96	18.8	194.6	53.9	0.0	98	23.2	213.3	51.1	4.2	92	21.9	188.5	50.2	0.0	99	
DAIRYLAND SEED DS-9701		101	C500 1,2,3,4,6	22.0	196.5	52.0	3.6	96	19.3	168.5	54.6	5.7	96	24.3	228.8	51.0	5.0	93	22.6	192.2	50.4	0.0	99	
DAIRYLAND SEED DS-9802		102	C500 1,2,3,4,6	21.8	199.9	51.7	0.2	98	19.9	166.7	54.2	0.0	97	23.7	234.7	50.3	0.6	98	21.8	198.3	50.7	0.0	100	
DAIRYLAND SEED DS-9403		103	C500 1,2,3,4,6	22.7	197.3	50.4	5.2	100	19.9	179.6	52.5	6.8	99	25.4	227.1	48.7	3.4	100	22.7	185.1	50.0	5.3	100	
DAIRYLAND SEED DS-9204		104	C500 1,2,3,4,6	24.1	201.4	50.4	0.0	98	21.1	182.9	52.9	0.0	98	24.6	228.3	50.2	0.0	96	26.6	193.1	48.2	0.0	100	
DEKALB DKC49-72 GENSSRIB		99	>V50K 1,2,3,4,6	19.6	218.7	52.0	0.9	97	17.0	192.7	54.2	0.0	100	22.0	257.3	51.4	2.8	94	20.0	206.3	50.5	0.0	97	
DEKALB DKC51-38 GENSSRIB		101	>V50K 1,2,3,4,6	20.8	215.1	53.3	0.0	95	18.7	189.2	55.6	0.0	96	23.3	246.2	52.0	0.0	91	20.3	209.9	52.4	0.0	99	
DEKALB DKC53-68 GENSSRIB		103	>V50K 1,2,3,4,6	21.1	211.3	53.0	0.4	99	18.7	190.1	55.5	0.9	99	23.2	247.6	51.9	0.3	97	21.5	196.1	51.7	0.0	100	
DYNAGRO D39DC43		99	P500 1,2,5	21.1	222.5	51.5	0.0	96	18.0	201.1	53.9	0.0	97	23.0	254.9	50.9	0.0	96	22.2	211.3	49.8	0.0	97	
DYNAGRO D40SS48		100	P500 1,2,3,4,6	20.0	204.3	53.9	0.6	100	18.3	171.6	56.5	0.0	100	22.0	244.0	52.7	1.7	99	19.9	197.3	52.5	0.0	100	
DYNAGRO D41SS71		101	P500 1,2,3,4,6	21.3	210.4	52.6	0.5	97	18.6	179.8	54.7	0.0	97	23.3	246.4	51.5	1.5	94	21.9	204.9	51.4	0.0	100	
GREAT LAKES 4879STXRIB		98	P500 1,2,3,6	20.9	210.2	52.4	0.2	98	18.7	196.4	55.0	0.0	97	23.4	244.1	51.1	0.0	97	20.7	190.0	51.2	0.6	99	
GREAT LAKES 5029VT2RIB		100	P500 1,2	20.9	207.4	52.4	1.5	96	17.9	186.9	55.1	0.0	97	23.1	241.9	51.7	4.4	95	21.8	193.5	50.4	0.0	96	
GREAT LAKES 5283STXRIB		102	P500 1,2,3,6	21.6	208.4	52.7	0.4	98	19.0	192.9	54.7	0.3	98	23.9	249.2	51.9	0.9	97	22.1	183.2	51.6	0.0	99	
INTEGRA 9482VT3PRIB		98	A250 1,2,3	21.0	209.6	53.4	0.6	96	18.0	189.5	56.1	0.3	99	23.3	242.9	52.1	1.6	91	21.6	196.3	52.0	0.0	98	
LEGACY SEEDS L-4315 GENSS		101	P500 1,2,3,4,6	21.4	202.9	53.2	0.0	97	19.1	178.9	55.0	0.0	96	22.7	251.7	52.4	0.0	98	22.4	178.1	52.2	0.0	98	
LEGACY SEEDS L-4445 VT2PRO DG		101	P250 1,2,5,6	21.3	205.4	53.1	0.8	94	18.0	190.5	55.6	0.0	93	23.0	227.6	52.6	2.2	90	22.9	198.1	51.1	0.3	99	
M&W SEEDS 46G55		98	P250 1	21.0	193.3	51.9	0.8	86	18.9	181.8	54.9	1.2	89	22.8	207.5	50.9	1.2	81	21.4	190.6	49.8	0.0	88	
PARTNERS BRAND 6981 GTA		99	C250 1	21.2	196.2	51.8	3.8	85	18.8	183.4	53.3	0.0	92	23.7	207.2	50.9	11.5	71	21.0	198.2	51.1	0.0	90	
RENK RK596SSTX		98	P500 1,2,3,4,6	19.8	208.6	53.3	0.2	95	18.0	190.8	56.6	0.0	96	22.1	233.4	51.3	0.3	88	19.4	201.8	52.2	0.3	99	
RUPP XRD00-51		100	A250 1,2	21.2	207.8	52.9	0.0	98	18.5	187.2	55.4	0.0	97	23.2	241.3	52.1	0.0	97	21.8	194.9	51.1	0.0	98	
RUPP XRD02-93		102	A250 1,2	22.4	208.5	53.3	0.1	90	20.0	189.2	54.9	0.3	94	24.1	233.8	52.5	0.0	81	23.1	202.3	52.6	0.0	96	
RUPP XRD03-71		103	250 1,2,5	21.8	211.0	51.8	1.1	91	18.2	190.5	54.5	0.0	96	24.6	236.4	50.3	3.4	84	22.5	206.1	50.6	0.0	92	
STEYER 10102 VT2PRORIBC		101	C250 1,2	20.3	204.4	53.0	4.9	98	18.0	187.6	54.8	0.0	100	21.6	227.2	52.9	14.6	96	21.4	198.3	51.3	0.0	99	
AVERAGE				21.2	205.3	52.5	1.3	96	18.67	185.7	54.9	0.61	97	23.2	235.6	51.5	3.0	93	21.7	194.6	51.1	0.3	98	
HIGHEST				24.1	222.5	55.1	5.2	100	21.08	201.1	57.4	6.75	100	25.4	257.3	54.3	14.6	100	26.6	211.3	53.7	5.3	100	
LOWEST				18.8	191.1	50.4	0.0	85	16.7	166.7	52.5	0	88.5	21.0	207.2	48.7	0.0	71	18.7	166.4	48.2	0.0	88	
CV (%)				3.7	6.3	1.5	270.8	4.0	2.8	5.16	1.16	298.4	3.41	3.0	6.4	1.2	192.3	6.0	4.7	7.0	1.9	335.4	3.0	
LSD (5%)				0.5	8.7	0.5	2.4	3.0	0.61	11.27	0.75	2.15	3.89	0.8	17.7	0.7	6.7	7.0	1.2	16.0	1.2	1.2	1.2	3.0

2 Year Averages 2016 - 2015

BRAND / HYBRID	RM	TRT	TRAIT	Late - TRIAL AVERAGE				Huron - Late				Mason - Late				Montcalm - Late							
				%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-9599	99	C500	1,2,3,4	23.5	206.5	52.3	0.7	98	19.9	207.6	53.9	0.0	99	26.0	212.6	51.5	2.1	96	24.5	199.2 *	51.5	0.0	99
DAIRYLAND SEED DS-9701	101	C500	1,2,3,4,6	24.2	204.1	52.7	7.0	94	20.1	197.0	54.7	3.9	96	26.5	222.2	52.3	17.0	90	25.9	192.9	51.2	0.0	96
DEKALB DKC49-72 GENSSRIB	99	PV500	1,2,3,4,6	21.3	221.4 **	52.7	0.5	97	18.1	216.0 *	54.3	0.0	100	23.7	252.1 **	52.2	1.4	94	22.3	196.1 *	51.7	0.0	97
DYNAGRO D40SS48	100	P500	1,2,3,4,6	22.3	213.2	54.2	0.7	98	18.9	204.4	56.2	0.8	100	25.2	232.2	53.1	0.8	96	22.8	203.1 *	53.2	0.4	99
DYNAGRO D41SS71	101	P500	1,2,3,4,6	23.2	217.1 *	53.6	0.3	98	19.4	202.1	55.3	0.1	98	26.4	240.5 *	52.5	0.8	96	23.8	208.8 **	53.1	0.0	100
GREAT LAKES 4879STXRIB	98	P500	1,2,3,6	23.0	213.8	53.1	0.4	98	19.3	203.3	54.8	0.0	98	26.2	238.2	52.2	0.0	97	23.5	199.9 *	52.3	1.2	99
GREAT LAKES 5283STXRIB	102	P500	1,2,3,6	24.4	218.0 *	53.1	0.2	96	20.7	218.0 **	54.7	0.1	99	27.3	241.4 *	52.6	0.4	90	25.1	194.6	52.1	0.0	99
M&W SEEDS 46G65	98	P250	1	23.0	203.7	52.3	0.6	89	19.4	208.8	54.7	0.6	92	25.2	209.8	51.5	0.6	83	24.5	192.5	50.8	0.6	92
RENK RK596SSTX	98	P500	1,2,3,4,6	21.9	214.8 *	54.2	0.1	95	18.5	205.7	56.7	0.0	96	24.6	232.1	52.6	0.2	94	22.5	206.7 *	53.4	0.1	96
AVERAGE				23.0	212.5	53.1	1.2	96	19.4	207.0	55.0	0.6	98	25.7	231.2	52.3	2.6	93	23.9	199.3	52.1	0.3	97
HIGHEST				24.4	221.4	54.2	7.0	98	20.7	218.0	56.7	3.9	100	27.3	252.1	53.1	17.0	97	25.9	208.8	53.4	1.2	100
LOWEST				21.3	203.7	52.3	0.1	89	18.1	197.0	53.9	0.0	92	23.7	209.8	51.5	0.0	83	22.3	192.5	50.8	0.0	92
CV (%)				5.6	6.8	1.8	1145.0	5.0	3.8	5.7	1.2	325.6	3.0	4.8	6.1	1.2	854.3	7.0	5.5	7.4	1.8	311.0	3.0
LSD (5%)				0.6	6.8	0.5	7.7	2.0	0.6	9.1	0.6	1.6	2.0	1.0	11.7	0.5	21.4	5.0	1.1	13.0	0.8	0.9	3.0

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

2016		TRIAL AVERAGE												Iosco - Early				Grand Traverse - Early				Menominee - Late			
BRAND / HYBRID	RM TRT TRAIT	%H2O	BUJA	Twt	%SL	%Sd	%H2O	BUJA	Twt	%SL	%Sd	%H2O	BUJA	Twt	%SL	%Sd	%H2O	BUJA	Twt	%SL	%Sd				
BRODBECK 57RA98	98 C250 1,2,3,4,6	25.1	208.5	50.6	0.0	98	25.2	186.5	51.7	0.0	97	25.0	230.6*	49.5	0.0	99	25.0	230.6*	49.5	0.0	99				
BRODBECK 9602	102 C250 1	25.8	212.0	50.4	0.0	96	24.9	208.4	51.1	0.0	94	26.7	215.6	49.6	0.0	97	26.7	215.6	49.6	0.0	97				
DAIRYLAND SEED DS-7294	94 C500 1,2,4,6	20.4	221.0	54.3	0.0	98	20.6	214.7	55.1	0.0	99	20.1	228.0*	53.6	0.0	97	20.1	228.0*	53.6	0.0	97				
DYNAGRO D27VC47	87 P500 1,2	18.5	194.5	53.1	0.0	95	18.9	204.5	54.9	0.0	94	18.1	184.5	51.2	0.0	96	18.1	184.5	51.2	0.0	96				
DYNAGRO D32VC41	92 P500 1,2	21.0	219.6	52.4	0.0	98	21.2	214.9	53.6	0.0	96	20.9	224.4*	51.3	0.0	99	20.9	224.4*	51.3	0.0	99				
DYNAGRO D34VC54	94 P500 1,2	21.0	226.1	51.6	0.3	97	21.1	234.1	52.8	0.0	97	21.0	218.0	50.4	0.6	97	21.0	218.0	50.4	0.6	97				
DYNAGRO D37VC60	95 P500 1,2	20.2	226.4	52.4	0.0	99	21.3	244.3*	52.9	0.0	99	19.0	208.5	52.0	0.0	100	19.0	208.5	52.0	0.0	100				
DYNAGRO D35SS58	95 P500 1,2,3,4,6	21.0	225.6	51.8	0.0	96	20.7	237.9	52.6	0.0	94	21.3	213.3	51.1	0.0	98	21.3	213.3	51.1	0.0	98				
GOLDEN HARVEST G84B99-3220A	84 C250 1,2,4,5,6	19.5	194.9	52.7	0.0	98	20.9	207.6	54.2	0.0	97	18.2	182.3	51.3	0.0	98	18.2	182.3	51.3	0.0	98				
GOLDEN HARVEST G85Z56-3110	85 C250 1,2,4,6	19.7	202.6	54.0	0.0	100	20.6	217.2	55.2	0.0	100	18.7	188.0	52.8	0.0	100	18.7	188.0	52.8	0.0	100				
GOLDEN HARVEST G84J92-3011A	86 C250 1,2,3,4	19.2	199.7	54.4	0.0	96	19.3	205.2	55.9	0.0	94	19.0	194.2	52.9	0.0	98	19.0	194.2	52.9	0.0	98				
GOLDEN HARVEST G88RT13-3010	88 C250 1,2,4	19.5	206.5	53.5	0.0	92	19.4	205.0	55.1	0.0	90	19.6	208.0	52.0	0.0	94	19.6	208.0	52.0	0.0	94				
GOLDEN HARVEST G90E41-3110A	90 C250 1,2,4,5,6	21.3	202.9	54.5	0.1	98	21.5	201.5	55.7	0.3	98	21.1	204.3	53.4	0.0	99	21.1	204.3	53.4	0.0	99				
GREAT LAKES 3847VT2RIB	88 P500 1,2	19.5	208.8	52.6	0.0	92	20.2	222.1	53.8	0.0	93	18.8	195.4	51.4	0.0	91	18.8	195.4	51.4	0.0	91				
GREAT LAKES 4037STXRIB	90 P500 1,2,3,6	20.9	216.0	52.6	0.0	98	21.4	231.7	53.3	0.0	97	20.4	200.3	52.0	0.0	100	20.4	200.3	52.0	0.0	100				
GREAT LAKES 4250STXRIB	92 P500 1,2,3,6	20.1	223.2	51.3	0.0	98	20.8	233.4	52.1	0.0	97	19.5	213.0	50.6	0.0	99	19.5	213.0	50.6	0.0	99				
GREAT LAKES 4452VT2RIB	94 P500 1,2	21.7	220.8	52.0	0.0	99	20.7	224.2	53.1	0.0	98	22.7	217.5	50.9	0.0	100	22.7	217.5	50.9	0.0	100				
GREAT LAKES 4548STXRIB	95 P500 1,2,3,6	21.2	238.1*	52.4	0.0	99	21.6	256.7**	53.2	0.0	99	20.9	219.4	51.6	0.0	99	20.9	219.4	51.6	0.0	99				
INTEGRA 4342VT2PRB	93 A250 1,2	21.6	210.3	52.2	0.0	96	21.0	212.1	53.5	0.0	99	22.1	208.6	51.0	0.0	92	22.1	208.6	51.0	0.0	92				
LEGACY SEEDS L-2516 VT2PRO	85 P250 1,2	18.8	194.5	53.8	1.3	97	19.5	210.3	55.0	0.0	97	18.0	178.7	52.6	2.6	98	18.0	178.7	52.6	2.6	98				
LEGACY SEEDS L-2916 VT2PRO	88 P250 1,2	18.8	211.9	53.3	0.0	96	19.7	229.8	54.5	0.0	99	18.0	193.9	52.2	0.0	94	18.0	193.9	52.2	0.0	94				
LEGEND 9583 VT2PRB	83 C250 1,2	18.4	193.3	53.4	0.0	96	19.4	205.4	54.6	0.0	96	17.5	181.2	52.2	0.0	95	17.5	181.2	52.2	0.0	95				
LEGEND 97A89-3011A	89 C250 1,2,3,4,A	19.5	209.5	54.1	0.0	98	19.7	215.5	55.4	0.0	97	19.3	203.5	52.7	0.0	99	19.3	203.5	52.7	0.0	99				
LEGEND 9691 VT2PRB	91 C250 1,2	20.9	219.2	52.6	0.0	95	20.7	223.7	53.5	0.0	96	21.0	214.7	51.7	0.0	94	21.0	214.7	51.7	0.0	94				
MYCOGEN 2V357	93 C500 1,2,3,4,6	21.8	222.9	52.2	0.0	98	22.0	233.0	53.4	0.0	97	21.6	212.8	51.0	0.0	99	21.6	212.8	51.0	0.0	99				
NK Brand N19D	85 C250 1,2,4	19.9	204.8	53.8	0.0	97	21.1	212.4	54.6	0.0	97	18.7	197.2	53.1	0.0	97	18.7	197.2	53.1	0.0	97				
NK Brand N18Q-3011A	86 C250 1,2,3,4	19.6	207.0	54.3	0.0	96	19.8	214.9	55.1	0.0	95	19.3	199.1	53.6	0.0	97	19.3	199.1	53.6	0.0	97				
NuTech/G2 GENETICS 5F-091™	91 P500 1,2,4	21.1	206.4	52.0	0.0	86	21.6	202.5	52.6	0.0	84	20.6	210.3	51.5	0.0	87	20.6	210.3	51.5	0.0	87				
NuTech/G2 GENETICS 5F-894™	94 P500 1,2,4	20.0	216.9	50.6	0.1	98	20.3	232.3	51.4	0.3	98	19.8	201.5	49.7	0.0	98	19.8	201.5	49.7	0.0	98				
NuTech/G2 GENETICS X5Z-9501™	95 P500 1,2,4	20.3	227.8	53.6	0.0	97	20.5	219.3	54.3	0.0	98	20.0	236.4**	52.9	0.0	97	20.0	236.4**	52.9	0.0	97				
NuTech/G2 GENETICS 5F-196™	96 P500 1,2,4	21.9	239.9**	50.3	0.0	99	22.7	243.5*	50.6	0.0	100	21.2	236.3*	49.9	0.0	99	21.2	236.3*	49.9	0.0	99				
PARTNERS BRAND 5630 GT	86 C250 1	18.6	186.2	54.0	0.0	97	19.4	196.2	54.5	0.0	96	17.7	176.1	53.6	0.0	98	17.7	176.1	53.6	0.0	98				
RUPP XRD82-02	82 A250 1,2	18.8	182.8	54.6	0.0	96	19.4	187.2	55.8	0.0	95	18.3	178.4	53.5	0.0	97	18.3	178.4	53.5	0.0	97				
RUPP XRD90-64	90 C250 1,2,4	20.4	206.8	51.8	0.0	88	21.0	219.9	52.9	0.0	87	19.7	193.7	50.6	0.0	90	19.7	193.7	50.6	0.0	90				
RUPP XRD92-74	92 A250 1,2	19.4	222.7	53.2	0.0	97	19.8	228.3	54.1	0.0	99	20.1	217.0	52.2	0.0	96	20.1	217.0	52.2	0.0	96				
AVERAGE		20.4	211.7	52.8	0.1	96	20.8	218.2	53.8	0.0	96	20.1	205.3	51.8	0.1	97	20.1	205.3	51.8	0.1	97				
HIGHEST		25.8	239.9	54.6	1.3	100	25.2	256.7	55.9	0.3	100	26.7	236.4	53.6	2.6	100	26.7	236.4	53.6	2.6	100				
LOWEST		18.4	182.8	50.3	0.0	86	18.9	186.5	50.6	0.0	84	17.5	176.1	49.5	0.0	87	17.5	176.1	49.5	0.0	87				
CV (%)		4.0	5.7	1.4	540.9	4.0	3.7	6.1	1.2	836.3	5.0	4.3	5.2	1.6	425.0	3.0	4.3	5.2	1.6	425.0	3.0				
LSD (5%)		0.7	10.0	0.6	0.2	3.0	0.9	15.6	0.8	0.2	5.0	1.0	12.5	1.0	0.4	4.0	1.0	12.5	1.0	0.4	4.0				

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

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

2016		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	24.8	173.1 **	49.5	0.0	100	29.3	144.6	47.8	0.0	100	20.3	201.7 **	51.1	0.0	100	17.2	173.2	52.3	0.0	96
DYNAGRO D27VC47	87 P500 1,2	23.0	161.8 *	50.7	0.0	96	28.9	150.5 *	49.1	0.0	97	18.3	172.5	52.8	0.0	98	16.6	177.1	54.5	0.0	97
FOUNDATION DIRECT GT HZ 760	83 MXL 1	21.3	164.1 *	51.3	0.3	96	24.4	155.7 *	49.8	0.0	94	Location dropped due to drought conditions.									
FOUNDATION DIRECT GT HZ 877	90 MXL 1	24.4	164.6 *	48.8	0.0	100	30.1	129.2	45.8	0.0	100	18.8	200.0 *	51.8	0.0	99	16.6	177.1	54.5	0.0	97
GREAT LAKES 3510VT2RIB	85 P500 1,2	20.7	162.5 *	52.7	0.0	96	24.8	147.9 *	51.0	0.0	95	20.7	170.3	52.3	0.0	96	16.8	179.8	54.4	0.0	96
GREAT LAKES 3847VT2RIB	88 P500 1,2	25.1	140.7	50.0	0.0	95	29.5	111.1	47.6	0.0	95	18.6	179.0	52.6	0.1	98	18.2	162.4	52.9	0.0	98
GREAT LAKES 4250STXRIB	92 P500 1,2,3,6	25.5	166.7 *	48.7	0.0	99	30.1	159.7 **	46.3	0.0	100	20.9	173.7	51.0	0.0	99	18.6	179.0	52.6	0.1	98
LEGACY SEEDS L-2245 VT2PRO	82 P250 1,2	21.2	165.3 *	52.2	0.0	96	25.6	150.7 *	50.0	0.0	95	20.9	201.7	54.5	0.6	100	16.6	162.4	51.0	0.0	96
LEGACY SEEDS L-2314 VT2PRO	83 P250 1,2	21.6	152.9	51.2	0.0	98	25.1	143.4	49.6	0.0	97	6.8	8.0	2.4	600.0	3.0	1.5	17.6	1.5	0.4	3.0
AVERAGE		23.1	161.3	50.6	0.0	97	27.5	143.6	48.6	0.0	97	18.6	179.0	52.6	0.1	98	18.6	179.0	52.6	0.1	98
HIGHEST		25.5	173.1	52.7	0.3	100	30.1	159.7	51.0	0.0	100	20.9	201.7	54.5	0.6	100	16.6	162.4	51.0	0.0	96
LOWEST		20.7	140.7	48.7	0.0	95	24.4	111.1	45.8	0.0	94	6.8	8.0	2.4	600.0	3.0	1.5	17.6	1.5	0.4	3.0
CV (%)		6.1	8.8	2.1	848.5	3.0	5.6	7.1	1.7	0.0	3.0	1.5	17.6	1.5	0.4	3.0	1.5	17.6	1.5	0.4	3.0
LSD (5%)		1.2	11.9	0.9	0.2	2.0	1.9	12.3	1.0	0.0	4.0										

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

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

BRAND /HYBRID	2016						Early - TRIAL AVERAGE						Ingham - Early						Montcalm - Early						Saginaw - Early					
	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	%H2O	BU/A	Twt	%SL	%Sd		
BLUE RIVER 33A16	92	MXL	Conv.	18.3	193.4	55.7	3.4	98	19.0	192.2	56.7	0.0	100	20.7	178.2	53.2	10.1	98	15.1	209.7	57.2	0.0	95	15.1	209.7	57.2	0.0	95		
BLUE RIVER 37K90	95	MXL	Conv.	19.5	195.2	53.4	1.0	99	19.9	191.3	53.8	0.0	99	22.4	176.5	51.2	3.1	100	16.3	217.9	55.2	0.0	98	16.3	217.9	55.2	0.0	98		
BLUE RIVER 43T35	98	MXL	Conv.	18.6	202.7	53.0	0.8	98	19.3	208.1*	53.4	0.0	100	21.7	185.5	50.4	1.7	100	14.8	214.4	55.1	0.7	93	14.8	214.4	55.1	0.7	93		
BLUE RIVER 48G35	101	MXL	Conv.	20.0	210.2	52.4	1.4	98	21.5	213.1*	52.3	0.0	100	23.4	180.8	50.4	4.3	99	15.0	236.8*	54.6	0.0	96	15.0	236.8*	54.6	0.0	96		
FOUNDATION DIRECT ORG 8801	90	MXL	Conv.	17.2	188.7	57.3	0.5	97	17.7	191.4	58.0	0.0	100	19.3	167.6	54.6	1.5	99	14.5	207.0	59.1	0.0	94	14.5	207.0	59.1	0.0	94		
FOUNDATION DIRECT 8789	95	MXL	Conv.	16.5	198.2	57.3	0.4	94	17.4	204.7	58.0	0.0	97	17.9	187.5	55.4	1.2	95	14.1	202.3	58.4	0.0	90	14.1	202.3	58.4	0.0	90		
FOUNDATION DIRECT ORG 8700	97	MXL	Conv.	18.0	198.0	53.8	0.1	88	19.7	182.6	55.0	0.0	89	20.0	191.7	51.9	0.3	90	14.4	219.9	54.6	0.0	87	14.4	219.9	54.6	0.0	87		
FOUNDATION DIRECT 8762	97	MXL	Conv.	17.7	200.2	55.1	2.0	100	17.8	196.6	55.3	0.0	100	20.1	174.4	53.4	5.9	100	15.2	229.4*	56.7	0.0	100	15.2	229.4*	56.7	0.0	100		
GREAT LAKES 4452	94	P500	Conv.	16.8	211.7	54.5	0.4	97	17.9	203.1	54.9	0.0	100	18.4	214.1**	52.4	1.2	99	14.1	217.9	56.2	0.0	93	14.1	217.9	56.2	0.0	93		
GREAT LAKES 4699	96	P500	Conv.	17.1	221.6*	55.0	0.4	99	17.8	212.7*	55.6	0.0	100	19.5	212.3*	52.4	1.2	99	14.2	239.9**	56.9	0.0	99	14.2	239.9**	56.9	0.0	99		
GREAT LAKES 4879	98	P500	Conv.	17.9	222.7**	54.3	0.1	99	19.4	219.3*	55.2	0.0	100	19.4	209.1*	51.6	0.0	100	15.0	239.6*	56.2	0.3	96	15.0	239.6*	56.2	0.3	96		
KEY 401	101	ENC	Conv.	18.5	201.8	54.5	0.5	99	20.2	193.4	53.8	0.0	100	20.4	199.7*	53.3	1.4	99	14.9	212.2	56.5	0.0	98	14.9	212.2	56.5	0.0	98		
M&W SEEDS 47J64	94	P250	Conv.	16.6	207.2	55.2	0.2	99	17.7	200.9	55.8	0.0	98	18.4	193.7	53.4	0.6	100	13.9	227.1*	56.5	0.0	99	13.9	227.1*	56.5	0.0	99		
M&W SEEDS 46L41	96	P250	Conv.	16.9	220.0*	55.4	0.4	97	17.7	220.6**	55.8	0.0	99	18.8	204.2*	53.9	0.9	100	14.1	235.1*	56.5	0.3	94	14.1	235.1*	56.5	0.3	94		
M&W SEEDS 45A37	100	P250	Conv.	18.2	202.1	54.4	0.0	99	18.6	206.5*	54.4	0.0	100	21.0	186.1	52.7	0.0	98	15.1	213.6	56.1	0.0	100	15.1	213.6	56.1	0.0	100		
M&W SEEDS 45K33	101	P250	Conv.	18.4	209.0	53.0	0.5	99	19.4	214.1*	53.7	0.0	98	21.0	190.7	50.3	1.4	100	14.8	222.1	55.0	0.0	97	14.8	222.1	55.0	0.0	97		
PARTNERS BRAND 6358	93	C250	Conv.	17.2	204.5	56.2	0.5	98	17.6	191.6	57.1	0.0	99	19.1	190.3	53.9	1.2	98	15.0	231.4*	57.6	0.3	98	15.0	231.4*	57.6	0.3	98		
PARTNERS BRAND 6981	99	C250	Conv.	18.0	217.3*	54.0	1.0	95	19.2	209.8*	54.1	0.0	94	20.1	203.8*	51.4	3.0	94	14.6	238.3*	56.6	0.0	97	14.6	238.3*	56.6	0.0	97		
RUPP XRA94-16	94	A250	Conv.	17.0	201.6	54.9	0.0	96	17.3	208.2*	56.0	0.0	95	19.4	183.2	52.4	0.0	97	14.2	213.3	56.4	0.0	94	14.2	213.3	56.4	0.0	94		
STEYER 9801	98	C250	Conv.	17.5	199.8	54.9	0.5	95	18.0	191.5	55.3	0.0	97	19.7	181.1	53.2	1.5	93	14.9	226.9*	56.1	0.0	94	14.9	226.9*	56.1	0.0	94		
STEYER 9802	98	C250	Conv.	18.4	203.4	53.5	0.0	93	19.9	195.3	54.1	0.0	96	20.8	191.5	51.6	0.0	91	14.6	223.5*	54.8	0.0	92	14.6	223.5*	54.8	0.0	92		
STEYER 10102	101	C250	Conv.	19.1	199.8	53.7	0.0	95	19.9	191.7	53.7	0.0	99	22.0	189.2	51.1	0.0	96	15.4	218.4	56.4	0.0	91	15.4	218.4	56.4	0.0	91		
STEYER 8602	86	C250	Conv.	16.5	182.2	56.3	0.0	96	17.2	173.4	57.6	0.0	99	17.9	180.4	53.4	0.0	96	14.5	192.8	57.9	0.0	92	14.5	192.8	57.9	0.0	92		
STEYER 9302	93	C250	Conv.	17.2	198.8	56.6	0.5	93	17.9	183.4	57.1	0.0	93	18.8	194.9	55.1	1.2	94	15.0	218.1	57.5	0.4	92	15.0	218.1	57.5	0.4	92		
STEYER 9503	95	C250	Conv.	17.7	211.5	54.4	0.4	98	18.9	217.5*	55.1	0.0	99	18.7	195.2	52.3	1.1	99	15.5	221.7	55.9	0.0	95	15.5	221.7	55.9	0.0	95		
VIKING O.84-95P	95	C250	Conv.	17.3	214.0*	55.0	0.2	98	17.9	214.8*	55.7	0.0	100	19.5	206.8*	52.3	0.6	100	14.4	220.3	56.9	0.0	94	14.4	220.3	56.9	0.0	94		
VIKING O.24-95P	95	Conv.	18.0	187.2	53.9	0.0	99	18.8	190.4	54.9	0.0	100	20.3	165.8	51.0	0.0	100	14.8	205.4	55.9	0.0	97	14.8	205.4	55.9	0.0	97			
VIKING O.71-97P	97	Conv.	20.4	182.2	53.1	1.6	98	20.3	162.2	54.3	0.0	100	24.3	173.3	49.4	4.9	98	16.7	211.2	55.5	0.0	97	16.7	211.2	55.5	0.0	97			
VIKING O.58-98GS	98	C250	Conv.	18.2	207.6	53.4	0.5	90	19.0	206.6*	53.9	0.0	95	21.2	181.5	51.2	1.5	89	14.6	234.8*	55.1	0.0	87	14.6	234.8*	55.1	0.0	87		
VIKING O.69-99P	99	C250	Conv.	19.6	214.7*	54.0	2.9	98	20.9	218.6*	54.3	0.0	100	21.7	192.8	52.1	8.0	97	16.2	232.9*	55.6	0.6	96	16.2	232.9*	55.6	0.6	96		
VIKING O.35-99P	99	Conv.	19.4	192.5	52.8	1.1	98	20.6	185.8	53.6	0.0	98	22.4	177.1	49.5	3.4	100	15.3	214.6	55.3	0.0	95	15.3	214.6	55.3	0.0	95			
VIKING 60-01	101	C250	Conv.	19.0	207.6	54.7	0.2	98	19.8	210.9*	55.4	0.0	99	21.5	185.0	52.3	0.6	97	15.7	227.0*	56.3	0.0	98	15.7	227.0*	56.3	0.0	98		
M&W SEEDS 46G54	98	Conv.	18.5	198.5	52.7	0.6	97	19.4	191.2	53.3	0.0	96	21.5	181.9	50.5	1.8	98	14.5	222.5	54.1	0.0	96	14.5	222.5	54.1	0.0	96			
AVERAGE				18.0	203.2	54.5	0.7	97	18.9	199.8	55.1	0.0	98	20.3	188.7	52.2	1.9	97	14.9	221.1	56.2	0.1	95	14.9	221.1	56.2	0.1	95		
HIGHEST				20.4	222.7	57.3	3.4	100	21.5	220.6	58.0	0.0	100	24.3	214.1	55.4	10.1	100	16.7	239.9	59.1	0.7	100	16.7	239.9	59.1	0.7	100		
LOWEST				16.5	182.2	52.4	0.0	88	17.2	162.2	52.3	0.0	89	17.9	165.8	49.4	0.0	89	13.9	192.8	54.1	0.0	87	13.9	192.8	54.1	0.0	87		
CV (%)				4.2	6.5	1.7	225.9	4.0	2.9	6.0	1.3	0.0	3.0	5.3	6.8	2.3	134.1	3.0	3.5	6.4	1.4	495.3	6.0	3.5	6.4	1.4	495.3	6.0		
LSD (5%)				0.5	8.8	0.6	1.0	3.0	0.6	14.2	0.8	0.0	4.0	1.3	15.2	1.4	3.0	3.0	0.6	16.6	0.9	0.4	6.0	0.6	16.6	0.9	0.4	6.0		

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

2 Year Averages 2016 - 2015

BRAND / HYBRID	RM TRT TRAIT	Early - TRIAL AVERAGE					Ingham - Early					Montcalm - Early					Saginaw - Early									
		%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 43T35	98 MXL Conv.	18.5	220.6	54.0	0.2	98	19.4	226.8*	53.6	0.0	100	17.5	214.4	54.5	0.3	96	16.5	227.1*	56.6	0.1	99	17.5	232.0**	55.9	0.1	98
GREAT LAKES 4699	96 P500 Conv.	16.9	222.5	56.4	0.1	99	17.2	218.0	56.3	0.0	100	19.2	234.4**	55.1	0.0	100	16.1	219.1	56.5	0.0	100	17.4	213.6	56.2	0.3	100
GREAT LAKES 4879	98 P500 Conv.	18.3	233.2**	55.5	0.1	99	18.5	230.2*	55.6	0.0	99	18.0	215.8	54.2	0.1	99	16.7	214.9	56.5	0.0	97	18.1	222.1	56.2	0.0	93
M&W SEEDS 47J64	94 P250 Conv.	16.2	212.1	56.5	0.0	99	16.3	205.1	56.5	0.0	99	19.5	211.4	54.2	0.0	95	17.8	212.1	54.2	0.0	95	17.9	216.6	56.2	0.0	95
M&W SEEDS 45A37	100 P250 Conv.	17.9	221.9	55.9	0.1	100	18.5	230.2*	55.6	0.0	99	19.9	208.1	54.8	0.0	98	18.1	217.2	54.0	0.0	93	17.4	218.2	55.6	0.1	97
M&W SEEDS 45K33	101 P250 Conv.	18.3	217.6	54.3	0.1	99	18.5	219.4	54.4	0.0	99	16.4	221.3	56.5	0.0	98	18.1	222.1	56.2	0.0	93	17.4	218.2	55.6	0.1	97
RUPP XRA94-16	94 A250 Conv.	16.5	218.1	56.5	0.0	97	16.4	221.3	56.5	0.0	98	18.0	208.8	56.2	0.0	98	17.8	212.1	54.2	0.0	95	17.9	216.6	56.2	0.0	95
STEYER 9801	98 C250 Conv.	18.0	215.5	56.2	0.0	96	18.0	208.8	56.2	0.0	98	19.5	211.4	54.2	0.0	95	17.9	216.6	56.2	0.0	95	18.1	222.1	56.2	0.0	93
STEYER 9802	98 C250 Conv.	18.7	211.7	54.2	0.0	95	19.5	211.4	54.2	0.0	95	19.9	208.1	54.8	0.0	98	17.8	212.1	54.2	0.0	95	17.9	216.6	56.2	0.0	95
STEYER 10102	101 C250 Conv.	18.9	212.3	55.5	0.0	97	19.9	208.1	54.8	0.0	98	18.9	208.1	54.8	0.0	98	17.9	216.6	56.2	0.0	95	18.1	222.1	56.2	0.0	93
M&W SEEDS 46G54	98 Conv.	18.8	209.9	53.9	0.0	94	19.5	208.1	54.8	0.0	95	17.9	217.8	55.4	0.0	98	18.4	216.9	55.2	0.0	98	17.4	218.2	55.6	0.1	97
AVERAGE		17.9	217.8	55.4	0.0	98	18.4	216.9	55.2	0.0	98	18.9	233.2	56.5	0.2	100	19.9	234.4	56.5	0.0	100	18.1	232.0	56.6	0.3	100
HIGHEST		16.2	209.9	53.9	0.0	94	16.3	202.7	53.6	0.0	95	4.5	6.4	1.5	212.1	4.0	4.4	7.2	1.2	0.0	3.0	4.2	5.3	1.2	414.1	5.0
LOWEST		0.4	7.0	0.4	0.7	2.0	0.7	12.4	0.5	0.0	2.0	0.4	7.0	0.4	0.7	2.0	0.7	12.4	0.5	0.0	2.0	0.6	9.7	0.6	0.3	4.0
CV (%)		4.5	6.4	1.5	212.1	4.0	4.4	7.2	1.2	0.0	3.0	4.5	6.4	1.5	212.1	4.0	4.4	7.2	1.2	0.0	3.0	4.2	5.3	1.2	414.1	5.0
LSD (5%)		0.4	7.0	0.4	0.7	2.0	0.7	12.4	0.5	0.0	2.0	0.4	7.0	0.4	0.7	2.0	0.7	12.4	0.5	0.0	2.0	0.6	9.7	0.6	0.3	4.0

TABLE 2E - Continued from page 13.

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

2 Year Averages 2016 - 2015

BRAND / HYBRID	RM TRT TRAIT	Early - TRIAL AVERAGE					Allegan - Early					Ingham - Early					Saginaw - Early									
		%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 4721AM™	97 ESC	17.7	233.0*	53.9	0.0	98	18.1	227.0	53.8	0.0	99	17.5	238.2*	54.0	0.0	96	17.3	233.7*	54.0	0.0	98	17.3	233.7*	54.0	0.0	98
BECK 5162A3	101 ESC	18.4	225.3	56.8	0.0	98	19.6	221.8	56.7	0.0	99	16.4	232.5*	57.0	0.0	97	18.0	221.6	56.8	0.0	98	17.5	237.2*	56.7	0.0	98
CROPLAN 3611SS/RIB	96 A500	17.6	235.6*	57.0	0.1	96	18.9	228.8	56.6	0.0	98	16.4	240.9*	57.6	0.3	93	17.5	237.2*	56.7	0.0	98	18.6	233.2*	56.0	0.0	98
CROPLAN 3899VT2P/RIB	96 A250	18.7	238.1**	56.0	0.0	97	19.7	243.9**	55.9	0.0	100	17.7	237.2*	56.1	0.0	93	18.6	233.2*	56.0	0.0	98	19.2	223.2	55.3	0.0	97
DAIRYLAND SEED DS-9599	99 C500	19.2	215.8	54.8	0.0	96	20.2	214.1	54.9	0.0	98	18.4	214.8	55.0	0.0	91	19.0	218.7	54.4	0.0	94	18.7	224.0	56.0	0.0	98
DAIRYLAND SEED DS-9701	101 C500	19.7	223.5	54.9	0.0	95	21.1	224.4	54.7	0.0	95	18.7	223.0	54.7	0.0	91	19.2	223.2	55.3	0.0	97	18.2	227.9	55.9	0.0	98
DEKALB DKC46-36 GENSSRIB	96 PV500	18.0	229.7	56.0	0.1	98	19.3	234.1*	55.7	0.0	100	16.4	227.1	56.2	0.4	96	18.2	227.9	55.9	0.0	98	18.4	221.8	55.2	0.0	98
DEKALB DKC49-72 GENSSRIB	99 PV500	18.1	230.2	54.9	0.0	97	19.2	238.0*	54.3	0.0	95	16.8	230.8	55.1	0.0	97	17.7	221.0	56.2	0.7	98	17.7	221.0	56.2	0.7	98
DYNAGRO D375S60	97 P500	17.6	229.3	56.9	0.2	98	18.6	235.2*	57.2	0.0	100	16.6	231.8	57.4	0.0	95	17.7	221.0	56.2	0.7	98	17.7	221.0	56.2	0.7	98
DYNAGRO D40SS48	100 P500	18.2	226.7	56.5	0.0	98	19.3	231.6	56.3	0.0	100	16.6	224.5	57.3	0.0	97	18.7	224.0	56.0	0.0	98	17.6	224.0	56.0	0.0	98
GREAT LAKES 4548STXRIB	95 P500	17.4	236.1*	56.5	0.0	99	18.6	232.0	56.4	0.0	99	16.0	239.6*	57.3	0.0	99	17.6	236.8*	56.0	0.0	98	17.6	236.8*	56.0	0.0	98
GREAT LAKES 4879STXRIB	98 P500	18.9	230.2	55.6	0.0	97	19.9	240.0*	55.6	0.0	100	17.8	222.5	55.9	0.0	92	19.1	228.3	55.4	0.0	98	19.1	228.3	55.4	0.0	98
LEGACY SEEDS L-3845 GENSS	97 P500	17.1	220.1	55.4	0.0	91	18.1	226.9	55.2	0.0	95	16.4	213.5	55.5	0.0	89	16.9	219.9	55.5	0.0	91	17.3	230.5	53.8	0.0	95
M&W SEEDS 47J66	94 P250	17.2	221.5	56.5	0.1	99	18.0	225.1	56.7	0.0	99	16.2	219.3	56.8	0.3	98	17.3	220.3	56.1	0.0	99	17.3	220.3	56.1	0.0	99
M&W SEEDS 46J11	96 P250	17.5	233.4*	56.6	0.0	96	18.9	232.6	56.3	0.0	97	16.7	237.3*	57.1	0.0	94	17.0	230.3	56.5	0.0	98	17.3	227.6	56.2	0.0	98
M&W SEEDS 46G55	98 P250	18.7	216.5	54.5	0.0	86	19.8	221.8	54.6	0.0	87	17.7	211.5	54.8	0.0	87	18.5	216.4	54.0	0.0	85	18.5	216.4	54.0	0.0	85
MYCOGEN 2A499	99 C500	19.0	218.4	56.0	0.0	99	19.6	213.5	56.1	0.0	99	18.3	219.9	56.1	0.0	98	19.0	221.9	55.9	0.0	98	19.0	221.9	55.9	0.0	98
NuTtech/G2 GENETICS 5F-196™	96 P500	17.9	231.5	53.6	0.0	94	18.6	225.6	53.4	0.0	91	17.8	238.6*	53.5	0.0	96	17.3	230.5	53.8	0.0	95	17.8	216.2	57.1	0.0	96
NuTtech/G2 GENETICS 5F-701™	101 P500	18.9	230.7	55.8	0.3	95	19.7	234.1*	56.1	0.0	97	18.2	233.6*	55.4	0.9	92	18.9	224.2	55.9	0.0	97	17.6	225.0	57.1	0.3	98
RENK RK596SSTX	98 P500	17.5	223.9	56.3	0.0	96	18.7	227.8	55.9	0.0	97	16.4	216.3	56.9	0.0	92	17.3	227.6	56.2	0.0	98	16.8	223.0	56.1	0.1	99
RENK RK61ZSSTX	100 P500	18.7	231.2	55.6	0.0	98	19.8	234.0*	55.0	0.0	100	17.3	224.5	56.3	0.0	97	19.1	235.2*	55.4	0.0	97	17.5	232.0	56.0	0.0	98
RUPP XRD94-26	94 A250	17.6	221.6	57.0	0.0	98	18.6	228.3	56.5	0.0	99	16.4	220.3	57.4	0.0	99	17.8	216.2	57.1	0.0	96	17.8	216.2	57.1	0.0	96
RUPP XRT94-06	94 A250	17.3	222.5	57.1	0.1	98	18.1	224.6	56.9	0.0	100	16.1	217.9	57.4	0.0	95	17.6	225.0	57.1	0.3	98	17.6	225.0	57.1	0.3	98
RUPP XRD97-56	97 A250	16.8	222.5	56.2	0.0	96	17.9	229.3	55.9	0.0	100	15.6	215.1	56.7	0.0	91	16.8	223.0	56.1	0.1	99	16.8	223.0	56.1	0.1	99
SPECIALTY 24A104	94 P500	17.2	229.1	56.1	0.0	99	17.9	220.6	56.1	0.0	99	16.3	235.9*	56.4	0.0	98	17.5	230.8	56.0	0.0	99	17.5	230.8	56.0	0.0	99
SPECIALTY 28A325	98 P500	19.2	222.8	56.4	0.0	95	19.9	219.8	56.1	0.0	96	18.6	224.1	56.7	0.0	93	19.0	224.5	56.3	0.0	97	19.0	224.5	56.3	0.0	97
SPECIALTY 29A263	99 P500	18.0	235.4*																							

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

BRAND/HYBRID	RM TRT TRAIT	Late - TRIAL AVERAGE						Ingham - Late						Montcalm - Late						Saginaw - Late					
		%H2O	BU/A	Twt	%SL	%Sd	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%Sd	%H2O	BU/A	Twt	%SL	%Sd	
BLUE RIVER 49K70	102 MXL Conv.	22.6	195.9	53.3	2.2	95	23.7	202.6	53.8	0.0	92	26.4	168.9	51.3	6.6	97	17.6	216.2	54.9	0.0	95				
BLUE RIVER 51T59	103 MXL Conv.	19.6	215.2	53.0	2.5	96	20.5	208.6	53.7	0.0	93	23.5	190.0	50.5	6.2	100	14.9	246.9*	54.8	1.2	94				
BLUE RIVER 57A30	107 MXL Conv.	20.8	210.2	51.5	1.7	97	21.7	213.3	51.3	0.0	98	24.9	182.3	49.6	4.9	97	15.8	235.0	53.5	0.3	97				
GREAT LAKES 5283	102 P500 Conv.	20.1	225.9*	53.5	0.4	97	20.6	233.1*	54.1	0.0	95	24.9	197.2*	49.7	0.6	99	14.8	247.4*	56.8	0.6	96				
GREAT LAKES 5755	107 P500 Conv.	22.3	225.8*	51.2	1.8	97	23.3	222.9*	52.1	0.0	95	27.5	196.1*	48.3	5.1	100	16.2	258.4**	53.3	0.3	97				
KEY 704	104 ENC Conv.	21.2	212.5	51.7	1.7	97	21.8	210.6	52.4	0.0	92	25.4	190.7	49.1	4.8	100	16.3	236.1	53.6	0.3	97				
KEY 305	105 ENC Conv.	19.1	210.8	50.3	1.3	100	20.5	217.9	51.2	0.0	100	23.6	180.0	47.7	3.9	100	13.1	234.4	51.9	0.0	99				
LEGEND JSC 30J704	104 C250 Conv.	20.7	221.1*	52.0	2.2	98	21.5	227.5*	52.4	0.0	99	23.9	199.1*	50.0	6.0	99	16.6	236.7	53.7	0.6	94				
M&W SEEDS 45M43	103 P250 Conv.	19.8	216.8	54.9	0.4	91	21.1	221.6	54.6	0.0	84	22.5	193.4*	51.7	1.1	98	15.7	235.5	58.3	0.0	92				
M&W SEEDS 44G44	106 P250 Conv.	20.8	218.2	54.6	0.8	97	22.4	222.8*	55.1	0.0	98	23.6	195.2*	51.9	2.3	99	16.5	236.7	56.9	0.0	93				
M&W SEEDS 44M87	108 P250 Conv.	23.1	227.8**	52.7	0.3	94	26.3	237.9**	52.2	0.0	99	25.9	204.1**	50.9	0.6	95	17.0	241.4	55.1	0.3	90				
RUPP XRA02-20	102 A250 Conv.	19.8	219.2	54.5	0.3	95	20.7	230.2*	54.7	0.0	100	22.9	199.4*	51.8	0.9	97	15.7	228.0	57.1	0.0	88				
RUPP XRA03-91	103 A250 Conv.	20.1	213.0	52.6	0.2	98	20.8	223.7*	53.2	0.0	100	24.7	186.6	49.6	0.6	97	14.9	228.6	55.0	0.0	97				
STEYER 10303	103 C250 Conv.	19.9	221.0*	54.3	0.1	96	21.5	214.0	54.1	0.0	92	22.4	198.0*	52.1	0.3	99	15.7	251.0*	56.9	0.0	97				
VIKING O.63-05P	105 C250 Conv.	20.6	215.2	52.1	0.2	99	22.1	219.0	51.6	0.0	99	23.7	184.4	50.4	0.6	100	16.1	242.3*	54.4	0.0	99				
WELLMAN W2408	108 ENC Conv.	21.7	218.6	51.7	0.3	91	23.0	219.3	52.0	0.0	88	25.4	194.2*	48.8	0.9	95	16.9	242.5*	54.2	0.0	90				
WELLMAN W2708	108 ENC Conv.	20.8	221.1*	53.0	0.4	93	22.6	221.9	53.7	0.0	90	23.8	202.3*	49.6	1.2	99	16.1	239.2	55.6	0.0	92				
WELLMAN W2310	109 ENC Conv.	23.3	203.7	53.0	0.0	95	24.5	195.4	53.0	0.0	95	27.5	178.4	50.5	0.0	94	17.9	237.3	55.4	0.0	95				
AVERAGE		20.9	216.2	52.8	0.9	96	22.1	219.0	53.1	0.0	95	24.6	191.1	50.2	2.6	98	16.0	238.5	55.1	0.2	94				
HIGHEST		23.3	227.8	54.9	2.5	100	26.3	237.9	55.1	0.0	100	27.5	204.1	52.1	6.6	100	17.9	258.4	58.3	1.2	99				
LOWEST		19.1	195.9	50.3	0.0	91	20.5	195.4	51.2	0.0	84	22.4	168.9	47.7	0.0	94	13.1	216.2	51.9	0.0	88				
CV (%)		3.9	5.7	1.9	184.1	8.0	2.9	5.9	1.2	0.0	12.0	4.7	5.6	2.4	112.0	3.0	2.9	6.0	2.0	299.3	6.0				
LSD (5%)		0.5	8.4	0.7	1.2	5.0	0.8	15.2	0.7	0.0	13.0	1.4	12.6	1.4	3.4	3.0	0.5	16.9	1.3	0.7	7.0				

BRAND/HYBRID	RM TRT TRAIT	Late - TRIAL AVERAGE						Ingham - Late						Montcalm - Late						Saginaw - Late					
		%H2O	BU/A	Twt	%SL	%Sd	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%Sd	%H2O	BU/A	Twt	%SL	%Sd	
GREAT LAKES 5283	102 P500 Conv.	20.0	242.7**	55.2	0.1	98	20.6	243.2*	54.9	0.0	97						19.4	242.1*	55.5	0.3	98				
GREAT LAKES 5755	107 P500 Conv.	22.3	242.3*	53.5	0.1	98	23.3	233.5*	53.3	0.0	97						21.4	251.0**	53.8	0.1	98				
KEY 305	105 ENC Conv.	19.7	226.0	51.2	0.0	99	21.7	233.4*	51.0	0.0	100						17.7	218.5	51.4	0.0	98				
M&W SEEDS 44G44	106 P250 Conv.	22.6	229.7	55.6	0.0	97	23.7	226.5	55.3	0.0	97						21.5	233.0	55.9	0.0	96				
M&W SEEDS 44M87	108 P250 Conv.	24.7	240.0*	53.8	0.4	96	27.1	243.3**	53.1	0.0	97						22.3	236.7	54.4	0.7	95				
RUPP XRA03-91	103 A250 Conv.	19.8	228.7	54.1	0.2	99	20.5	235.8*	53.9	0.0	100						19.2	221.6	54.4	0.3	97				
WELLMAN W2408	108 ENC Conv.	22.5	231.9	53.6	0.4	93	23.0	223.7	53.0	0.0	94						22.0	240.1	54.2	0.7	93				
AVERAGE		21.7	234.5	53.9	0.2	97	22.9	234.2	53.5	0.0	98						20.5	234.7	54.2	0.3	97				
HIGHEST		24.7	242.7	55.6	0.4	99	27.1	243.3	55.3	0.0	100						22.3	251.0	55.9	0.7	98				
LOWEST		19.7	226.0	51.2	0.0	93	20.5	223.7	51.0	0.0	94						17.7	218.5	51.4	0.0	93				
CV (%)		4.7	5.6	1.8	188.9	6.0	4.5	6.3	1.3	0.0	8.0						5.3	5.0	1.9	281.9	5.0				
LSD (5%)		0.5	6.6	0.5	0.7	3.0	0.8	11.9	0.6	0.0	7.0						0.8	9.8	0.9	0.6	4.0				

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

TABLE B.

AGRONOMIC TABLE FOR GRAIN TRIAL LOCATIONS

COUNTY		PLANTING DATES	HARVEST DATES	PREVIOUS CROP	100 % STAND	AVERAGE STAND	FERTILIZER N - P - K
Zone 1	WASHTENAW	May 22	Nov 11	Soybeans	35,244	34,891	180-9-3
	BRANCH	May 18	Oct 31	Corn	35,244	34,010	221-9-3
	CASS	May 16	Nov 9	Soybeans	35,244	34,539	240-9-3 150 lbs. potash
Zone 2	ALLEGAN	May 20	Nov 10	Soybeans	35,244	34,891	109-9-3 + chicken manure
	INGHAM	May 23	Nov 8	Soybeans	35,244	32,424	190-9-3
	INGHAM CONV.	May 20	Oct 30	Soybeans	35,244	34,010	191-9-3
	SAGINAW & CONV.	May 23	Nov 14	Soybeans	35,244	32,689	155-9-3
Zone 3	HURON	May 5	Nov 1	Corn	35,244	34,186	127-9-3 +manure
	MONTCALM	May 25	Nov 13	Corn	35,244	34,539	170-9-3
	MONTCALM CONV.	May 25	Nov 13	Corn	35,244	34,186	170-9-3
	MASON	May 13	Nov 3	Soybeans	35,244	32,424	170-9-3 + pig manure
Zone 4	IOSCO	May 8	Nov 6	Corn	35,244	33,834	170-9-3 +manure
	GRAND TRAVERSE		Dropped	Due	To	Drought	
	MENOMINEE	May 26	Nov 7	Alfalfa	35,244	34,186	140-9-3 + manure
Z5	DELTA	May 26	Nov 7	Sod	35,244	34,186	109-9-3 +manure

COUNTY		SOIL TYPE	SOIL TEST	FARM COOPERATOR	LOCATION
Zone 1	WASHTENAW	Ypsi sandy loam	pH 6.45, P 80 K 223	Talladay Farms Matthew Talladay	Milan
	BRANCH	Spinks-Oshemo-Houghton-Fox-Boyer	pH 6.4, P38.5 K 143	Huff Farms Kyle Huff	Coldwater
	CASS	Kalamazoo loam	pH 6.25, P 35 K 167	Brossman's Farm George Brossman	Vandalia
Zone 2	ALLEGAN	Ockley loam	pH 5.85, P 97 K 238	Schipper Farms Jim & John Schipper	Martin
	INGHAM	Capac loam	pH 6.2, P63.5 K 180.5	Jorgensen Farms Jerry Jorgensen & Mike Turner	Williamston
	INGHAM CONV.	Colwood-Brookston	pH 6.45, P 51 K213.5	Crop, Soil & Microbial Sciences Research Facility, MSU	Lansing
	SAGINAW & Conv.	Slon-Shoals-Houghton-Cuhoctah-Ceresco	pH 6.8, P 48 K 139	Fred Gross Farms Peggy Gross & Dick Birchmeier	New Lothrop
Zone 3	HURON & Conv.	Shebeon-Kilmanagh-Grindstone	pH 7, P 76 K 146.5	Wil-Le Farms Ron & Ed McCrea	Bad Axe
	MONTCALM	Tekenink-Elmdale loamy sands	pH 6.15, P 72 K 177	Karnatzs Farms Scott Karnatzs	Greenville
	MASON	Pipestone-Grattan	pH 6.75, P 76 K 115.5	Robert Oshe Jacob Zwagerman	Scottville
Zone 4	IOSCO	Nester-Kawkawlin	pH 6.5, P 46 K 173	Double B Dairy Jeremy & Tim Beebe	Hale
	GRAND TRAVERSE	Dropped due to drought		Carousel Farms Ed Breitmeyer	Buckley
	MENOMINEE	Onaway-Emmet-Cathro	pH 7.45, P42.5 K148.5	Johnson Dairy Farm Dave Johnson	Daggett
Z5	DELTA	Trenary fine sandy loam	pH 6.15, P39.5 K89	VanDrese Farms	Cornell

HYBRID INDEX FOR GRAIN TRIALS

ZONE 1 Tables 1E/1L Branch Cass Wastenaw Trial Average	ZONE 2 Tables 2E/2L Allegan Ingham Saginaw Trial Average	ZONE 3 Tables 3E/3L Huron Mason Montcalm Trial Average	ZONE 4 Table 4 Iosco Grand Traverse - Late Menominee - Late Trial Average	ZONE 5 Table 5 Delta Grand Traverse - Early Menominee - Early Trial Average	CONVENTIONAL TRIAL Tables 6E/6L Ingham - Zone 2 Montcalm - Zone 3 Saginaw - Zone 2 Trial Average
BRAND / HYBRID	RM TABLE	BRAND / HYBRID	RM TABLE	BRAND / HYBRID	RM TABLE
AGRIGOLD		CROPLAN		GOLDEN HARVEST Continued	
A6257STXRIB	100 2E	3314VT2P	93 2E,3E	~G95D32-3110	95 3E
~A6267STXRIB	102 2L	3399SS/RIB	93 2E,3E	G96V99-3010	96 3E
~A6355STXRIB	103 2L	3499VT3P/RIB	94 2E,3E	~G01P52-3122A	101 2E
A6346STX	104 2L	3611SS/RIB	96 2E,3E	G03A50-3010	103 2L
A6416STXRIB	107 1E	3899VT2P/RIB	96 2E,3E	~G03C84-3010	103 2L
~A6424GT3VIP	108 1L	3614VT2P	96 2E,3E	G03H42-3000GT	103 2L
A6441STXRIB	108 1L	4199SS/RIB	100 2E	G07F23-3111	107 2L
A6462STXRIB	110 1L			~G07B39-3122A	109 1L
		DAIRYLAND SEED		~G09E98-3122	109 1L
BECK		DS-7294	94 3E,4	GREAT LAKES	
4323VR	93 3E	DS-9198RA	98 2E,3L	3510VT2RIB	85 5
4606V2P	96 3E	DS-9599	99 2E,3L	3847VT2RIB	88 4,5
4721AM™*	97 2E,3E	DS-9701	101 2E,3L	4037STXRIB	90 2E,3E,4
4919V2P	99 2E,3L	DS-9802	102 2L,3L	~4250STXRIB	92 2E,3E,4,5
5162A3	101 2E,3L	~DS-9403	103 2L,3L	4452VT2RIB	94 2E,3E,4
~5234AMX™*	102 2L,3L	DS-9204	104 2L,3L	4452	94 6E
5337V2P	103 1E,2L,3L	DS-9106	106 1E,2L	~4548STXRIB	95 2E,3E,4
~5460AM™*	104 1E,2L	DS-9508RA	108 1L	4699	96 6E
~5140HR™*	105 1E,2L	DEKALB		4879	98 6E
~5665AMX™*	106 1E	DKC46-36 GENSSRIB	96 2E,3E	~4879STXRIB	98 2E,3L
~5840AM™*	108 1L	DKC49-72 GENSSRIB	99 2E,3L	5029VT2RIB	100 1E,2E,3L
5828AM™*	110 1L	DKC51-38 GENSSRIB	101 1E,2E,3L	5283	102 6L
6076V2P	110 1L	DKC53-68 GENSSRIB	103 1E,2L,3L	~5283STXRIB	102 1E,2L,3L
BLUE RIVER		DKC55-20 GENSSRIB	105 1E,2L	5470STXRIB	104 1E,2L
33A16	92 6E	DKC58-06 GENSSRIB	108 1L	5556VT2RIB	105 1E,2L
37K90	95 6E	DKC60-87 GENSSRIB	110 1L	5755	107 6L
43T35	98 6E	DYNAGRO		~5824STXRIB	108 1L,2L
48G35	101 6E	D25VC45	85 5	~5944STXRIB	109 1L
49K70	102 6L	D27VC47	87 4,5	INTEGRA	
51T59	103 6L	D32VC41	92 3E,4	4342VT2PRIB	93 3E,4
57A30	107 6L	D34VC54	94 3E,4	4652GSS	96 2E,3E
		D37VC60	95 4	9482VT3PRIB	98 1E,2E,3L
BRODBECK		~D35SS58	95 3E,4	4902GSS	100 1E,2E
57RA98	98 3L,4	~D37SS60	97 2E,3E	5243DGV2PRIB	102 1E,2L
9602	102 3L,4	D39DC43	99 2E,3L	KEY	
9409	109 1L,2L	D40SS48	100 2E,3L	401	101 6E
57RA10	110 1L,2L	~D41SS71	101 3L	704	104 6L
		D43SS50	103 1E,2L	305	105 6L
CHANNEL		D51SS54	111 1L	LEGACY SEEDS	
192-09 VT3PRIB	92 1E	FOUNDATION DIRECT		L-2245 VT2PRO	82 5
192-08 VT2PRIB	92 2E	GT HZ 760	83 5	L-2314 VT2PRO	83 5
194-14 VT2PRIB	94 2E	ORG 8801	90 6E	L-2516 VT2PRO	85 4
197-68 STXRIB	97 1E	GT HZ 877	90 5	L-2916 VT2PRO	88 4
197-66 VT2PRIB	97 2E	8789	95 6E	L-3115 VT2PRO	92 3E
197-50 VT2PRIB	97 2E	ORG 8700	97 6E	L-3416 VT2PRO	94 3E
199-00 DGV2PRIB	99 2E	8762	97 6E	L-3423 GENSS	95 3E
201-61 STXRIB	101 1E	GOLDEN HARVEST		L-3715 GENSS	96 2E,3E
201-61 VT2PRIB	101 2E	G84B99-3220A	84 4	L-3845 GENSS	97 2E
204-12 STXRIB	104 1E	G85Z56-3110	85 4	L-4315 GENSS	101 2E,3L
205-19 STXRIB	105 1E	G84J92-3011A	86 4	L-4445 VT2PRO DG	101 2E,3L
207-27 STXRIB	107 1E	G88R13-3010	88 4	L-5516 VT2PRO	105 1E,2L
		~G90Y04-3110A	92 3E	L-5914 GENSS	106 1E
		G90E41-3110A	90 4	L-7014 GENSS	110 1L
		G94B95-3110	94 3E		

BRAND / HYBRID LEGEND	RM TABLE	BRAND / HYBRID NuTech/G2 GENETICS Continued	RM TABLE	BRAND / HYBRID SPECIALTY	RM TABLE
9583 VT2PRIB	83 4	~5H-806™	106 1E	24A104	94 2E
97A89-3011A	89 4	~5F-906™	106 1E	26A236	96 2E
9691 VT2PRIB	91 4	5F-707™	107 1E	28A325	98 2E
9492 GENSSRIB	92 2E	~5F-308™	108 1L	29A263	99 1E,2E
9794 GENSSRIB	94 2E	PARTNERS BRAND		32A323	102 1E,2L
9697 GENSSRIB	97 2E	5630 GT	86 4	34G234	104 1E,2L
9600 GENSSRIB	100 2E	6255 RR2	92 3E	35A655	105 1E,2L
9701 GENSSRIB	101 2E	6358	93 6E	STEYER	
JSC 30J704 RR	104 6L	6981 GTA	99 3L	8602 3000GT	86 3E
9405 GENSSRIB	105 2L	6981	99 6E	8602	86 6E
9608 GENSSRIB	108 2L	RENK		~9203 VT2PRORIBC	92 2E,3E
M&W SEEDS		RK299VT2P	89 3E	9204 VT2PRORIBC	92 2E,3E
~47J66	94 2E,3E	RK408VT2P	91 3E	9302	93 6E
47J64	94 6E	RK433VT2P	92 3E	9401 GENSSRIBC	94 2E,3E
46J11	96 2E,3E	RK522SSTX	94 3E	9503	95 6E
46L42	96 2E,3E	RK566SSTX	94 3E	9801	98 6E
46L41	96 6E	RK596SSTX	98 2E,3L	9802	98 6E
46G54	98 6E	~RK595SSTX	99 2E	10102	101 6E
46G55	98 2E,3L	RK612SSTX	100 2E	10102 VT2PRORIBC	101 1E,2E,3L
45A37	100 6E	RK608DGV2P	100 2E	10304 DGV2PRORIBC	103 1E,2L
45M21	100 1E,2E	RK680SSTX	103 2L	10303	103 6L
45K33	101 6E	RK675DGV2P	103 2L	10503 VT2PRORIBC	105 1E,2L
~45A36	101 1E,2E	~RK717SSTX	105 1E,2L	~10805 VT2PRORIBC	108 1L
45N31	101 1E,2E	~RK776SSTX	107 1E	VIKING	
45K75	102 1E,2L	RK794DGV2P	108 1L	O.84-95UP	95 6E
45M44	103 1E,2L	RK792SSTX	108 1L	O.24-95P	95 6E
MWX103	103 1E,2L	~RK810SSTX	110 1L	O.71-97P	97 6E
45M43	103 6L	RK871VT2P	111 1L	O.58-98GS	98 6E
45N89	104 1E,2L	RUPP		O.69-99P	99 6E
44G44	106 6L	XRD82-02	82 4	O.35-99P	99 6E
~44D81	108 1L	XRD90-64	90 3E,4	60-01	101 6E
44M87	108 6L	XRD92-74	92 3E,4	O.63-05P	105 6L
MYCOGEN		XRA94-16	94 6E	WELLMAN	
2V357	93 4	XRD94-26	94 2E,3E	W2401DP	101 1E
2A499	99 2E	XRT94-06	94 2E,3E	W2603DP	103 1E
X13526VH	102 2L	XRD97-56	97 2E,3E	W2705DP	105 1E
X13663VH	106 1E	XRD00-51	100 2E,3L	W2307DP	107 1E
NK Brand		XRA02-20	102 6L	W2408	108 6L
N19D	85 4	XRD02-93	102 1E,2L,3L	W2708	108 6L
N18Q-3011A	86 4	XRA03-91	103 6L	W2609DP	109 1L
~N27P-3110A	92 3E	XRD03-71	103 1E,2L,3L	W2310	109 6L
~N35T-3110	95 3E	XRD05-04	105 1E,2L	W2610DP	110 1L
N36G-3010	96 3E	XRD06-70	106 1E	WYCKOFF	
~N45P-3122A	101 2E	XRD07-19	107 1E	2211 GENSS	100 1E
N50D-3010	103 2L	8XP675	107 1E	2323 GENSS	103 1E
N51R-3000GT	103 2L	XRJ10-91	110 1L	2360 GENSS	104 1E
N60F-3111	107 2L	XRD10-01	110 1L	2390 VT2P	105 1E
~N63R-3122	109 1L	XRD11-57	111 1L	2405 GENSS	106 1E
~N59B-3122A	109 1L	SEED CONSULTANTS		2400 GENSS	106 1E
NuTech/G2 GENETICS		SCS 924YHR™	92 2E	2540 VT2P	108 1L
5F-091™	91 4	SCS 965YHR™	96 2E		
5F-894™	94 3E,4	SC 9AQ61™	98 2E		
X5Z-9501™	95 2E,3E,4	SCS 1017YHR™	101 1E,2E		
~5F-196™	96 2E,3E,4	SCS 1037YHR™	103 1E,2L		
X5Z-9902™	99 2E	SCS 10HR43™	104 1E,2L		
~5F-701™	101 2E	SCS 1067YHR™	106 1E		
5Z-601™	101 2E	SCS 1086YHR™	108 1L		
5L-702™	102 1E	SCS 1077YHQ™	108 1L		
5Z-503™	103 1E	~SC 10AGT96™	109 1L		
~5F-504™	104 1E				

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

2016 SILAGE PERFORMANCE TRIALS

Introduction

The silage index (pg. 31) contains a list of all hybrids planted in the 2016 silage trials.

County results are reported in the following tables:

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

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

Table 9 Zone 4 – Iosco, Menominee, and Osceola

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

The map of Michigan (pg. 29) 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. 30)

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.

A New Holland T6.175 tractor powered a two-row Champion C1200 Kemper forage harvester and a rear mounted Haldrup M-63 Weigh system to harvest the two center rows. Electronic scales mounted on the Haldrup M-63 weigh system measured plot and subsample weights. All field data was recorded on a Panasonic FZ-G1 Toughpad using Harvest Master™ software. Total plot weight was used to calculate green tons per acre (**GT/A**). Sub samples of fodder including grain were collected, weighed, oven dried in a WRH586-500 Greives forced air dryer until weight loss was zero, then re-weighed 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 Cristy mill fitted with a 1mm screen before conducting quality analysis using Near-infrared spectroscopy (NIRS) to predict quality components.

Silage Analysis

Tables 7E, 7L, 8E, 8L, 9 and 10 provide silage quality data as determined by Near-infrared Spectroscopy (NIRS) 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 correlated statistically with the NIRS Consortiums calibration 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.



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 18	Oct 4	Corn	35,244	34,292	201-9-3
	LENAWEE	May 22	Sept 20	Soybeans	35,244	34,574	160-9-3 +manure
	WOOD (OHIO)	May 23	Sept 9	Soybeans	34,452	32,694	206-26-0
Zone 2	OTTAWA	May 19	Sept 22	Corn	35,244	34,644	170-9-3 + manure
	INGHAM	May 20	Sept 15	Soybeans	35,244	33,763	154-9-3
	HURON	May 5	Sept 13	Corn	35,244	34,045	124-9-3 +manure
Zone 4	IOSCO	May 8	Sept 14	Corn	35,244	34,574	170-9-3 + manure
	OSCEOLA	May 24	Sept 29	Corn	35,244	31,138	170-9-3 + manure
	MENOMINEE	May 26	Oct 6	Alfalfa	35,244	34,398	140-9-3 +manure
Z5	ALGER	May 31	Oct 7	Alfalfa	35,244	25,468	139-9-3
	DELTA	May 26	Oct 5	Sod	35,244	34,821	109-9-3 +manure

COUNTY		SOIL TYPE	SOIL TEST	FARM COOPERATOR	LOCATION
Zone 1	BRANCH	Spinks-Oshtemo-Houghton-Fox-Boyer	pH 6.4, P 38.5 K 143	Huff farms Kyle Huff	Coldwater
	LENAWEE	Blount loam	pH 7.2, P 63 K 122.5	Baker-Ladd Farms Blaine Baker	Clayton
	WOOD (OHIO)	Hoytville clay loam	pH 5.8, P 114 K 435	OARDC Matt Davis & Richard Minyo	Hoytville, Ohio
Zone 2	OTTAWA	Perrinton-Ithica-Coloma	pH 6.8, P 64.5 K 152	Eadie Farms Arden Eadie	Conklin
	INGHAM	Capac loam	pH 6.55, P 66.5 K 212.5	Crop & Soil Sciences Research Facility, MSU	East Lansing
	HURON	Kilmanagh loam	pH 7, P 76 K 146.5	Wil-Le Farms Ron & Ed McCrea	Bad Axe
Zone 4	IOSCO	Nester-Kawkawlin	pH 6.55, P 46 K 173	Double B Dairy Jeremy & Tim Beebe	Hale
	OSCEOLA	Nester	pH 6.9, P 87 K 174.5	Robert Lee	Marion
	MENOMINEE	Onaway-Emmet-Cathro	pH 7.45, P 42.5 K 148.5	Johnson Dairy Farm Dave Johnson	Daggett
Zone 5	ALGER	Shoepac-Trenary silt loams	pH 6.1, P 197.5 K 103	Bahrman Potato Farm Daniel & Dave Bahrman	Skandia
	DELTA	Trenary fine sandy loam	pH 6.15, P 39.5 K 89	VanDrese Farms	Cornell

SILAGE HYBRID INDEX

ZONE 1 - Tables 7E/7L

Branch
Lenawee
Wood (Ohio)
Trial Average

BRAND / HYBRID	RM TABLE
AGRIGOLD	
~A6267STXRIB	102 8E
~A6355STXRIB	103 8E
~A6424GT3VIP	108 7E,8L
A6559STXRIB	113 7L
A6517VT3PRIB	113 7L
BECK	
~5234AMX™*	102 8E
~5460AM™*	104 8E
~5140HR™*	105 7E,8L
~5665AMX™*	106 7E,8L
~5840AM™*	108 7E,8L
6158AM™*	111 7L
6365AM™*	113 7L
CROPLAN	
4099SS/RIB	99 8E
S4100VT3P/RIB	100 8E
4819 3000/GT	101 8E
5415SS/RIB	104 8E
DAIRYLAND SEED	
HiDF-3188RA	88 9
Hi DF-3290-9	90 9
HiDF-3197RA	97 8E,9
Hi DF-3099-9	99 8E,9
HiDF-3700RA	100 8E,9
Hi DF-3702-9	102 8E,9
~DS-9403	103 8E,9
HiDF-3103-9	103 8E,9
HiDF-3605RA	105 7E,8L
EXP-10707	107 7E,8L
HiDF-3808RA	108 7E,8L
Hi DF-3510SSX	110 7E,8L
DS-9513	113 7L
EXP-11213	113 7L
DYNAGRO	
~D35SS58	95 9
~D37SS60	97 9
~D41SS71	101 8E
D47SS23	107 8L
D49VC39	109 7E,8L
D50SS43	110 7E,8L

ZONE 2 - Tables 8E/8L

Huron - Zone 3
Ingham
Ottawa
Trial Average

BRAND / HYBRID	RM TABLE
GOLDEN HARVEST	
~G90Y04-3110A	92 9
~G95D32-3110	95 9
~G01P52-3122A	101 9
~G03C84-3010	103 8E
G05T82-3122	105 8L
G07V88-3000GT	107 8L
~G07B39-3122A	109 8L
~G09E98-3122	109 7E
G10T63-3000GT	110 7E
G12W66-3122	112 7L
GREAT LAKES	
~4250STXRIB	92 10
~4548STXRIB	95 9,10
~4879STXRIB	98 9,10
~5283STXRIB	102 8E,9
~5824STXRIB	108 7E,8L
~5944STXRIB	109 7E,8L
6185STXRIB	111 7L
INTEGRA	
4759R	97 9,10
5209GSS	102 9,10
6011GSS	110 7E,8L
6589VT2P	115 7L
LEGACY SEEDS	
L-4424 GENSS	101 8E
L-5350 3122	104 8E
L-6334 3000GT	107 8L
M&W SEEDS	
~47J66	94 8E
46K79	98 8E
~45A36	101 7E,8E
~44D81	108 7E,8L
MASTERS CHOICE	
MCT-3891	89 9
MCT-4572	95 8E
MCT-4632	96 8E,9
MCT-5371	103 7E,8E,9
MCT-5663	106 7E
MCT-6153	111 7L
MCT-6363	113 7L
NK Brand	
~N27P-3110A	92 9
~N35T-3110	95 9
~N45P-3122A	101 9
N53W-3122	105 8L
N61P-3000GT Brand	105 8L
~N63R-3122	109 7E
~N59B-3122A	109 7E

ZONE 4 - Table 9

Iosco
Menominee - Late
Osceola
Trial Average

BRAND / HYBRID	RM TABLE
NuTech/G2 GENETICS	
~5F-196™	96 10
~5F-701™	101 9,10
5H-502™	102 9
~5F-504™	104 9
~5H-806™	106 8L
~5F-906™	106 8L,9
~5F-308™	108 8L
5F-709™	109 8L
5F-510™	110 7E,8L
5F-811™	111 7L
5F-713™	113 7L
RENK	
~RK595SSTX	99 8E
RK629VT3P	101 8E
~RK717SSTX	105 8L
~RK776SSTX	107 8L
6-798VT2P	109 8L
~RK810SSTX	110 8L
SEED CONSULTANTS	
~SC 10AGT96™	109 7E
SCS 1125YHR™	113 7L
SC 11AQ15™	114 7L
STEYER	
~9203 VT2PRORIBC	92 8E
9801 GT	98 8E
10303 GENSSRIBC	103 7E,8E
10404 VIP3122	104 7E,8E
~10805 VT2PRORIBC	108 7E
T. A. SEEDS	
TA736-22DPRIB	113 7L
TA780-13VPRIB	116 7L
VIKING	
42-92	92 7E,8E
O.58-98GS	98 8E
O.51-04GS	104 8E
42-08	107 7E,8L
53-10GS	110 7L,8L
WELLMAN	
W2615DP	113 7L

ZONE 5 - Table 10

Alger
Delta
Menominee - Early
Trial Average

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

TABLE 7E.

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

ZONE 1

BRAND/ HYBRID		RM TRT TRAIT		Early - TRIAL AVERAGE										Branch - Early														
				YIELD					%QUALITY					YIELD					%QUALITY									
				%DM	G/T/A	D/T/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MLK 2006	MK/IT	MK/A	%DM	G/T/A	D/T/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MLK 2006	MK/IT
2016																												
AGRI GOLD A642G3VIP	108	P500	1,2,3,6	42.1	21.8	9.2	99	83.7	17.2	34.7	53.0	7.0	43.1	3417	31283	45.1	21.7	9.8	100	83.2	17.8	35.4	52.5	6.6	42.8	3368	32901	
BECK 5140HR™	105	ESC	1,2,4,6	43.8	20.4	8.9	98	84.1	15.7	32.0	50.2	7.7	45.1	3464	30925	53.7	19.7	10.7*	100	84.1	15.0	30.9	48.4	7.3	47.5	3466	36986	
BECK 5665AMX™	106	ESC	1,2,3,4,6	42.7	21.5	9.2	97	84.1	16.1	32.1	50.3	8.2	45.0	3461	31920	50.1	19.7	10.2*	97	83.8	16.2	31.4	48.3	8.0	46.9	3441	34942	
BECK 5840AM™	108	ESC	1,2,4,6	42.2	21.6	9.1	99	82.5	18.1	34.5	49.4	7.4	43.2	3348	30091	46.7	20.5	9.6	100	81.1	19.8	35.9	47.4	7.2	43.0	3239	32544	
DAIRYLAND SEED H1DF-3605RA	105	C500	1,2,3,4,6	41.1	20.8	8.5	99	80.9	19.0	37.1	48.3	7.8	39.9	3228	28290	45.3	20.0	9.0	98	79.9	19.4	36.2	44.3	7.6	41.5	3162	28558	
DAIRYLAND SEED EXP-10707	107	C500	1,2,3,4,6	39.7	21.6	8.7	97	80.7	21.0	39.3	50.6	7.1	37.1	3195	28506	42.6	22.2	9.4	98	81.1	18.9	36.0	47.3	7.0	41.8	3236	32312	
DAIRYLAND SEED H1DF-3809RA	108	C500	1,2,3,4,6	39.3	24.2	9.6*	99	82.4	19.7	37.0	52.2	7.4	39.3	3306	32274	44.1	23.7	10.5*	100	82.6	18.7	35.2	50.6	7.2	42.1	3332	34817	
DAIRYLAND SEED H1DF-3510SSX	110	C500	1,2,3,4,6	38.8	24.0	9.3	97	82.2	19.0	36.2	50.8	7.5	40.6	3315	30727	41.4	23.8	9.8	100	80.9	20.3	37.1	48.5	7.5	41.0	3215	31642	
DYNAGRO D49VC39	109	P500	1,2	41.5	21.7	8.9	97	81.9	18.3	35.7	49.1	7.4	42.8	3300	29811	46.7	20.8	9.7	99	80.4	18.0	34.5	43.3	7.2	43.7	3212	31174	
DYNAGRO D50SS43	110	P500	1,2,3,4,6	42.1	21.5	9.0	99	81.6	17.3	35.6	48.1	8.0	43.1	3283	30596	49.1	19.5	9.6	100	81.6	16.7	32.0	42.3	8.1	45.5	3298	31526	
GOLDEN HARVEST G09E98-3122	109	C500	1,2,3,4,6	40.7	22.7	9.2	98	82.0	18.5	34.7	48.1	7.6	39.3	3247	30111	48.4	22.4	10.9*	97	82.2	16.6	33.2	46.3	7.3	43.4	3327	38156	
GOLDEN HARVEST G10T63-3000GT	110	C250	1,2,3,4	41.2	24.2	10.0**	95	82.0	17.2	33.7	46.4	7.6	43.3	3325	32500	45.4	24.0	10.9*	96	82.2	15.9	31.0	42.7	7.3	47.5	3351	36377	
GREAT LAKES 5824STXRIB	108	P500	1,2,3,6	39.7	21.7	8.7	98	83.3	17.4	35.0	52.1	7.1	41.0	3388	29514	42.7	21.0	9.3	98	83.0	19.0	37.1	54.0	6.7	38.6	3334	31078	
GREAT LAKES 5944STXRIB	109	P500	1,2,3,6	42.2	20.0	8.5	93	84.0	16.3	32.5	50.8	7.6	45.6	3457	30005	45.8	19.2	9.1	96	84.4	16.5	31.2	50.2	7.3	47.0	3484	29908	
INTEGRA 6011GSS	110	PV500	1,2,3,4,6	41.6	21.8	9.1	96	81.7	17.6	34.1	46.3	7.7	41.3	3265	31092	49.0	22.3	11.1**	97	83.7	14.9	30.4	46.4	7.8	48.4	3446	38357	
M&W SEEDS 45A36	101	P250	1,2	47.0	16.8	7.7	97	82.9	17.5	34.7	50.8	7.8	43.9	3372	26549	56.4	14.7	8.3	96	83.2	18.4	32.9	49.1	7.9	45.7	3391	29648	
M&W SEEDS 44D81	108	P250	1,2	44.2	20.2	8.7	98	82.2	17.9	35.0	49.1	7.5	42.2	3326	29124	50.5	18.0	8.7	98	82.1	19.2	36.2	50.4	7.3	42.5	3289	28738	
MASTERS CHOICE MCT-5371	103	C250	1	43.3	18.8	8.2	98	82.7	17.9	33.9	48.8	7.2	42.9	3365	28118	43.3	19.7	8.4	100	82.4	17.2	33.1	46.8	7.0	43.9	3347	28254	
MASTERS CHOICE MCT-5663	106	C250	1,2,4	41.0	20.7	8.5	95	83.0	18.0	33.2	48.6	7.3	44.4	3389	29930	41.5	20.8	8.7	92	81.9	16.9	32.5	44.5	6.8	45.6	3322	30795	
NK Brand N63R-3122	109	C250	1,2,3,4,6	39.1	22.0	8.6	96	82.2	17.7	35.6	49.8	7.6	40.6	3317	29300	45.9	22.1	10.2*	98	83.6	16.8	33.2	50.5	7.4	45.0	3413	34659	
NK Brand N59B-3122A	109	C250	1,2,3,4,5,6	41.9	20.5	8.5	98	82.7	17.0	34.2	49.2	7.9	42.4	3359	27795	48.4	19.5	9.4	98	83.0	17.2	33.8	49.4	7.7	44.3	3367	29622	
NuTechG2 GENETICS 5F-510™	110	P500	1,2,4	39.4	22.1	8.7	98	83.4	17.9	34.9	52.4	8.2	42.0	3395	30629	43.9	20.6	9.0	99	84.0	16.9	32.8	51.2	8.0	44.4	3441	32480	
SEED CONSULTANTS SC 10AGT96™	109	P500	1,2,4	43.2	21.9	9.5*	98	83.4	17.5	33.7	50.7	7.5	43.3	3408	32576	46.9	21.4	10.0	98	82.5	17.2	33.0	47.1	7.2	44.6	3348	35638	
STEYER 10404 VIP3122	104	C250	1,2,4	41.5	18.7	7.8	94	82.1	17.0	33.4	46.3	7.5	43.3	3333	26252	42.1	19.4	8.2	96	81.5	17.5	33.3	44.4	7.1	43.7	3287	26986	
STEYER 10303 GENSSRIBC	103	C250	1,2,3,4	44.8	18.1	8.1	94	82.9	16.6	32.8	47.6	7.7	42.0	3387	27332	52.8	16.2	8.7	99	83.5	14.6	28.7	42.5	7.6	50.3	3407	30021	
STEYER 10805 V2PRORIBC	108	C250	1,2	42.6	20.6	8.7	97	81.2	17.8	34.3	45.0	7.5	42.0	3253	29429	45.6	19.9	9.1	99	78.7	18.9	35.3	39.5	7.4	41.8	3397	29633	
VIKING 42-92	92	C250	Conv.	55.6	14.3	7.7	96	83.2	17.7	34.1	50.5	7.7	43.3	3356	26226	65.5	12.0	7.8	96	82.8	16.9	31.5	45.3	7.5	47.6	3380	27490	
VIKING 73-08	107	C250	Conv.	45.5	18.4	8.3	91	82.2	16.7	33.4	46.7	7.5	44.8	3341	28198	52.8	18.2	9.6	97	84.2	15.6	30.6	48.5	7.5	49.3	3476	33354	
AVERAGE				42.4	20.8	8.7	97.0	82.5	17.7	34.5	49.3	7.6	42.5	3343	29611	47.6	20.1	9.5	98.0	82.4	17.4	33.4	47.2	7.4	44.6	3340	32091	
HIGHEST				55.6	24.2	10.0	99.2	84.1	21.0	39.3	53.0	8.2	45.6	3464	32576	65.5	24.0	11.1	100.0	84.4	20.3	37.1	54.0	8.1	50.3	3484	38357	
LOWEST				38.8	14.3	7.7	91.1	80.7	15.7	32.0	45.0	7.0	37.1	3195	26226	41.4	12.0	7.8	92.1	78.7	14.6	28.7	39.5	6.6	38.6	3097	26986	
CV (%)				7.0	5.4	8.9	3.6	2.5	9.1	7.7	9.8	4.6	7.4	4	7	7.2	6.0	9.2	3.5	2.6	8.9	6.3	11.7	4.7	6.9	4	8	
LSD (5%)				2.0	0.8	0.5	2.4	1.4	1.1	1.8	3.3	0.2	2.1	94	1495	4.0	1.4	1.0	4.0	2.6	1.8	2.5	6.5	0.4	3.6	167	2915	

BRAND/ HYBRID		RM TRT TRAIT		Early - TRIAL AVERAGE										Branch - Early														
				YIELD					%QUALITY					YIELD					%QUALITY									
				%DM	G/T/A	D/T/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MLK 2006	MK/IT	MK/A	%DM	G/T/A	D/T/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MLK 2006	MK/IT
2 Year Averages: 2016 - 2015																												
DAIRYLAND SEED H1DF-3510SSX	110	C500	1,2,3,4,6	36.2	24.3	8.8*	97	81.2	21.2	39.7	52.5	6.4	37.6	3233	28414	37.5	24.0	9.0	100	80.2	22.3	40.8	51.3	6.4	36.6	3156	28430	
DYNAGRO D50SS43	110	P500	1,2,3,4,6	42.1	20.8	8.7	97	81.6	19.1	36.7	49.5	6.8	41.4	3288	28234	45.2	21.4	9.6*	100	82.0	17.7	34.4	47.4	7.0	43.8	3320	31831	
GOLDEN HARVEST G10T63-3000GT	110	C250	1,2,3,4	42.2	22.0	9.2**	94	82.0	18.1	35.2	48.5	6.5	43.2	3324	30583	43.2	22.8	9.9**	95	81.4	18.3	35.3	47.0	6.3	43.3	3282	32414	
NuTechG2 GENETICS 5F-510™	110	P500	1,2,4	40.3	20.5	8.3	97	83.7	17.3	34.8	53.2	6.9	42.0	3428	29099	42.7	20.8	9.0	99	83.4	17.2	34.1	51.3	7.0	43.5	3406	30822	
AVERAGE				40.2	21.9	8.7	96.4	82.1	18.9	36.6	50.9	6.6	41.0	3318	29083	42.1	22.3	9.4	98.6	81.8	18.9	36.2	49.2	6.7	41.8	3291	30874	
HIGHEST				42.2	24.3	9.2	97.3	83.7	21.2	39.7	53.2	6.9	43.2	3428	30583	45.2	24.0	9.9	100.0	83.4	22.3	40.8	51.3	7.0	43.8	3406	32414	
LOWEST				36.2	20.5	8.3	94.5																					

2016										Wood - Early																		
Lenawee - Early					Wood - Early					Lenawee - Early					Wood - Early													
BRAND / HYBRID	RM	TRT	TRAIT	YIELD					% QUALITY					MILK 2006														
				%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFFD	CP	STR	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFFD	CP	STR	MK/T	MK/A			
AGRIGOLD A642IGT3VIP	108	P500	1,2,3,6	41.7	20.9	8.7	100	84.4	16.1	33.5	53.6	7.3	44.2	34.74	30200	39.5	22.8	9.0	98	83.4	17.8	35.2	52.8	7.1	42.3	3408	30749	
BECK 5140HR**	105	ESC	1,2,4,6	39.8	19.7	7.8	99	82.9	16.6	33.7	49.4	7.9	42.6	33.79	26378	37.8	22.0	8.3	96	85.2	15.6	31.4	52.8	7.9	45.3	3547	29411	
BECK 5665AMX**	106	ESC	1,2,3,4,6	41.9	22.4	9.4	98	84.6	15.3	31.7	51.4	8.7	44.8	34.97	32827	36.2	22.4	8.1	96	83.8	16.7	33.3	51.2	8.1	43.5	3445	27990	
BECK 5840AM**	108	ESC	1,2,4,6	45.1	20.7	9.4	100	83.7	17.1	33.7	51.5	7.7	43.8	34.27	29967	34.8	23.6	8.2	98	82.7	17.5	34.1	49.3	7.5	42.7	3378	27661	
DAIRYLAND SEED H1DF-3605RA	105	C500	1,2,3,4,6	41.8	20.6	8.6	100	81.5	17.2	36.0	48.4	7.9	40.8	32.71	29344	36.3	21.8	7.9	98	81.4	20.3	39.0	52.2	7.9	37.5	3250	26969	
DAIRYLAND SEED EXP-10707	107	C500	1,2,3,4,6	42.0	21.1	9.4	99	81.0	21.3	40.4	52.9	7.3	35.1	32.01	29992	34.4	21.4	7.4	93	79.9	22.8	41.5	51.7	7.0	34.4	3147	23215	
DAIRYLAND SEED H1DF-3808RA	108	C500	1,2,3,4,6	39.8	24.9	10.1	100	82.5	20.0	37.1	52.6	7.6	36.3	32.89	33335	34.1	24.2	8.2	96	82.1	20.5	38.5	53.4	7.5	39.7	3298	28669	
DAIRYLAND SEED HI DF-3510SSX	110	C500	1,2,3,4,6	40.6	22.8	9.3	98	81.9	18.5	36.2	50.0	7.5	39.8	32.98	30581	34.4	25.4	8.7	94	83.8	18.1	35.3	54.0	7.5	41.0	3430	29959	
DYNAGRO D49VC39	109	P500	1,2	39.9	22.5	8.9	100	82.9	17.9	35.7	51.9	7.5	40.8	33.58	29819	38.1	21.7	8.3	93	82.3	19.1	36.9	52.1	7.4	44.0	3329	28442	
DYNAGRO D50SS43	110	P500	1,2,3,4,6	39.6	22.6	9.0	100	81.9	16.1	38.3	52.6	8.2	44.0	32.69	32605	37.5	22.5	8.4	96	81.5	18.9	36.6	49.5	7.7	39.7	3283	27658	
GOLDEN HARVEST G09E98-3122	109	C500	1,2,3,4,6	37.2	23.2	8.6	99	81.1	20.8	36.2	47.6	7.5	33.7	30.39	26156	36.5	22.4	8.2	98	82.8	18.1	34.7	50.3	7.9	40.7	3375	26022	
GOLDEN HARVEST G10T63-3000GT	110	C250	1,2,3,4	41.4	24.6	10.2	**	95	81.3	17.7	34.9	46.5	7.6	41.5	32.76	31372	36.9	24.1	8.9	96	82.4	18.0	35.2	50.0	7.8	41.0	3349	29751
GREAT LAKES 5824STXRIB	108	P500	1,2,3,6	40.2	22.5	9.0	100	83.4	15.9	33.8	50.7	7.1	42.8	34.08	30779	36.2	21.6	7.8	96	83.5	17.2	34.2	51.6	7.5	41.6	3422	26684	
GREAT LAKES 5944STXRIB	109	P500	1,2,3,6	44.2	19.3	8.5	95	84.4	15.3	31.6	50.5	7.7	48.3	34.86	31290	36.5	21.5	7.8	89	83.3	17.1	34.7	51.8	7.9	41.5	3402	28816	
INTEGRA 60T1GSS	110	PV500	1,2,3,4,6	39.6	22.1	8.7	98	81.1	16.6	34.3	44.7	7.8	41.4	32.64	30198	36.1	20.9	7.5	94	80.4	21.4	37.6	47.7	7.5	34.1	3085	24721	
M&W SEEDS 45A36	101	P250	1,2	48.8	16.4	8.0	100	83.5	16.6	34.2	51.7	7.4	44.3	34.11	27212	35.9	19.3	6.9	95	82.1	17.6	36.9	51.6	8.0	41.8	3314	22788	
M&W SEEDS 44D81	108	P250	1,2	42.9	21.4	9.1	98	82.7	16.7	33.2	47.7	7.5	44.1	33.70	30835	39.3	21.3	8.4	97	82.0	17.9	35.7	49.3	7.8	40.0	3317	27799	
MASTERS CHOICE MCT-5371	103	C250	1	45.5	18.4	8.7	100	82.6	18.2	34.3	49.1	7.3	42.4	33.57	29033	41.1	18.4	7.6	93	83.0	18.2	34.3	50.4	7.4	42.4	3392	27065	
MASTERS CHOICE MCT-5663	106	C250	1,2,4	43.7	19.8	8.7	98	82.9	19.3	33.3	48.6	7.3	44.2	33.86	31078	37.7	21.4	8.1	96	84.1	17.8	33.7	52.7	7.8	43.4	3459	27918	
NK Brand N63R-3122	109	C250	1,2,3,4,6	36.5	21.6	7.9	100	81.4	18.1	37.7	50.4	7.6	38.5	32.50	27368	35.0	22.5	7.9	96	81.5	18.3	35.9	48.5	7.8	38.4	3290	28872	
NK Brand M59B-3122A	109	C250	1,2,3,4,5,6	43.1	19.0	8.2	100	82.8	17.0	34.2	49.6	7.9	41.9	33.69	27498	34.3	23.1	7.9	97	82.2	16.8	34.6	48.6	8.1	41.1	3340	26266	
NuTech/G2 GENETICS 5F-510**	110	P500	1,2,4	39.3	23.4	9.2	*	100	83.0	18.2	35.5	52.1	8.4	43.3	33.64	33092	34.9	22.4	7.8	96	83.2	18.8	36.4	53.8	8.3	38.2	3381	26366
SEED CONSULTANTS SC-10AGT96**	109	P500	1,2,4	44.2	21.4	9.8	*	100	83.3	15.8	32.0	47.6	8.0	44.8	34.11	33465	38.6	22.8	8.8	96	84.6	19.4	36.2	57.3	7.5	40.3	3465	28626
STEYER 10404 VIP3122	104	C250	1,2,4	43.7	17.5	7.6	96	82.3	15.7	32.2	45.0	7.7	45.5	33.58	26710	38.6	19.4	7.5	90	82.4	17.7	34.8	49.6	7.7	40.7	3354	25058	
STEYER 10303 GENSSRIBC	103	C250	1,2,3,4	44.3	18.0	8.0	96	82.7	16.8	33.7	48.5	7.4	43.0	33.66	26786	37.4	20.1	7.5	89	82.6	18.3	36.1	51.8	8.0	39.7	3348	25189	
STEYER 10805 V2PRORIBC	108	C250	1,2	45.0	20.3	9.1	100	82.4	14.9	31.6	43.9	7.5	45.9	33.64	32038	37.3	21.6	8.1	94	82.5	19.5	36.1	51.5	7.7	38.4	3299	26615	
VIKING 42-92	92	C250	Conv.	57.6	13.4	7.7	98	81.3	20.9	39.3	52.2	7.8	39.1	32.27	23558	43.9	17.5	7.6	92	85.5	15.4	31.6	54.0	7.8	43.4	3461	27632	
VIKING 73-08	107	C250	Conv.	42.4	17.7	7.3	81	81.0	17.0	34.3	44.4	7.6	43.3	32.59	23640	41.2	19.3	7.9	95	81.4	17.5	35.3	47.3	7.5	41.8	3287	27601	
AVERAGE				42.6	20.6	8.7	98.1	82.5	17.4	34.7	49.5	7.7	42.1	33.37	29541	37.2	21.7	8.0	94.9	82.7	18.3	35.6	51.3	7.7	40.6	3352	27200	
HIGHEST				57.6	24.9	10.2	100.0	84.6	21.3	40.4	53.6	8.7	48.3	34.97	33465	43.9	25.4	9.0	98.1	85.5	22.8	41.5	57.3	8.3	45.3	3547	30749	
LOWEST				36.5	13.4	7.3	80.7	81.0	14.9	31.6	43.9	7.1	33.7	30.39	23558	34.1	17.5	6.9	89.1	79.9	15.4	31.4	47.3	7.0	34.1	3085	22788	
CV (%)				6.9	6.5	9.8	4.4	2.5	10.3	8.7	10.2	4.9	8.5	4	8	6.5	3.2	7.0	2.9	2.2	8.1	7.3	7.4	4.3	7.0	4	7	
LSD (5%)				3.5	1.6	1.0	5.0	2.5	2.1	3.6	5.9	0.4	4.2	1.74	2901	2.9	0.8	0.7	3.2	2.1	1.7	3.0	2.6	0.3	2.5	1.00	1563	

2 Year Averages 2016 - 2015										Wood - Early																		
Lenawee - Early					Wood - Early					Lenawee - Early					Wood - Early													
BRAND / HYBRID	RM	TRT	TRAIT	YIELD					% QUALITY					MILK 2006														
				%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFFD	CP	STR	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFFD	CP	STR	MK/T	MK/A			
DAIRYLAND SEED HI DF-3510SSX	110	C500	1,2,3,4,6													34.9	24.6	8.6	**	95	82.1	20.0	38.7	53.7	6.4	38.6	3311	28398
DYNAGRO D50SS43	110	P500	1,2,3,4,6													39.0	20.2	7.8	94	81.2	20.4	38.9	51.5	6.6	38.9	3255	24638	
GOLDEN HARVEST G10T63-3000GT	110	C250	1,2,3,4													41.1	21.1	8.5	94	82.5	17.9	35.0	50.0	6.7	43.2	3367	28763	
NuTech/G2 GENETICS 5F-510**	110	P500	1,2,4													37.9	20.2	7.6	94	84.0	17.5	35.6	55.2	6.8	40.6	3450	27376	
AVERAGE																38.2	21.5	8.1	94.3	82.5	18.9	37.1	52.6	6.6	40.3	3346	27291	
HIGHEST																41.1	24.6	8.6	94.8	84.0	20.4	38.9	55.2	6.8	43.2	3450	28763	
LOWEST																34.9	20.2	7.6	93.7	81.2	17.5	35.0	50.0	6.4	38.6	3255	24638	
CV (%)																6.1	4.7	8.2	3.8	2.1	8.5	7.7	6.0	4.7	7.3	4	7	
LSD (5%)																1.9	0.8	0.5	3.0	1.4	1.3	2.3	2.6	0.3	2.5	1.00	1563	

** 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

2016		Late - TRIAL AVERAGE											Branch - Late														
		YIELD					% QUALITY						YIELD					% QUALITY									
BRAND / HYBRID	RM	TRT	TRAIT	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
AGRI GOLD A65595TXRIB	113	P500	1,2,3,4	38.3	21.6	8.3	98	80.7	18.8	37.7	48.5	7.6	39.0	3192	26714	47.2	19.6	9.3	98	82.6	17.8	35.4	50.7	7.6	45.4	3342	30933
AGRI GOLD A6517V73PRIB	113	P500	1,2,3	38.2	22.5	8.5	96	81.6	20.6	38.6	52.2	7.5	37.9	3254	27400	43.7	21.8	9.5	93	82.2	20.0	37.3	52.1	7.2	40.5	3296	29522
BECK 6158AM**	111	ESC	1,2,4,6	39.9	21.9	8.7	99	82.1	18.4	35.6	49.7	7.1	41.6	3317	28906	42.5	20.5	8.6	100	80.5	19.8	36.6	46.7	6.9	40.9	3209	27440
BECK 6365AM**	113	ESC	1,2,4,6	37.5	23.9	9.0	97	82.3	18.8	36.5	51.5	8.1	38.3	3318	29873	43.9	22.9	10.2*	94	82.7	19.7	37.2	53.4	7.6	36.7	3326	32374
DAIRYLAND SEED DS-9513	113	C500	1,2,3,4,6	42.0	23.2	9.8**	98	82.9	18.8	35.3	51.7	7.5	42.0	3369	34181	48.3	22.7	11.0*	97	82.9	19.1	35.5	51.8	7.4	42.1	3357	39268
DAIRYLAND SEED EXP-11213	113	C500	1,2,3,4,6	35.1	26.4	9.3*	97	80.0	21.7	40.9	51.0	7.1	34.1	3118	30233	42.2	26.6	11.2**	99	81.1	19.7	37.0	48.9	7.1	40.0	3241	36388
GOLDEN HARVEST G12W66-3122	112	C500	1,2,3,4,6	39.7	22.3	8.9	97	82.1	18.1	35.6	49.7	7.3	41.2	3317	29545	42.7	21.7	9.4	95	81.9	17.8	33.7	46.4	6.7	43.6	3323	31284
GREAT LAKES 6185TXRIB	111	P500	1,2,3,6	39.5	22.2	8.7	97	83.3	16.6	33.9	50.8	7.0	44.0	3408	30529	43.8	20.9	9.2	96	83.0	18.0	35.4	51.7	6.6	45.4	3365	30801
INTEGRA 6589V72P	115	A250	1,2	37.6	22.2	8.4	97	79.9	20.4	38.4	47.6	7.8	35.7	3102	26390	41.7	20.9	8.9	99	80.2	18.7	35.5	44.0	7.7	37.0	3081	28545
MASTERS CHOICE MCT-6153	111	C250	1,2,4	39.9	22.5	8.8	89	81.9	19.7	36.2	49.7	7.6	41.9	3296	29244	49.7	21.4	10.6*	94	81.5	20.3	33.1	44.2	7.5	44.8	3298	34813
MASTERS CHOICE MCT-6363	113	C250	1,2,4	40.7	23.3	9.4*	96	83.1	17.1	33.2	48.8	7.4	43.0	3377	31884	45.3	21.7	9.8	97	83.4	14.9	30.2	44.8	7.3	45.2	3371	35062
NuTechG2 GENETICS 5F-811™	111	P500	1,2,4	39.4	23.7	9.4*	98	81.4	18.0	34.7	46.4	7.4	40.6	3265	30663	45.9	21.8	10.0	98	81.3	17.6	34.3	45.5	7.1	41.9	3278	32915
NuTechG2 GENETICS 5F-713™	113	P500	1,2,4	37.7	24.4	9.1	97	83.6	16.7	33.2	50.6	8.0	42.2	3428	31649	43.6	21.8	9.4	95	83.9	17.5	33.9	52.5	7.4	41.9	3434	33657
SEED CONSULTANTS SCS 1125VHR™	113	P500	1,2,4	37.6	24.4	9.2	98	83.6	16.9	33.2	50.6	8.0	41.9	3428	31450	40.2	22.8	9.2	97	82.9	18.0	34.8	50.9	7.7	40.5	3366	30773
SEED CONSULTANTS SC 11A015™	114	P500	1,2,3,4	38.9	23.3	9.1	99	82.8	17.2	33.4	48.4	7.5	42.8	3379	30077	43.5	22.7	9.9	100	82.0	17.1	33.0	45.3	7.3	43.0	3327	33067
T. A. SEEDS TA736-22DPRIB	113	C250	1,2	40.6	22.8	9.1	98	80.6	19.5	37.4	48.0	7.5	39.8	3212	29234	46.2	21.1	9.4	100	80.6	21.4	39.3	50.4	7.3	38.7	3182	29904
T. A. SEEDS TA780-13VPRIB	116	C250	1,2,3	35.9	24.5	8.8	98	81.7	19.5	36.8	50.2	7.1	39.2	3282	28871	37.4	23.0	8.6	97	80.3	21.0	38.7	49.0	6.8	37.2	3179	27354
WELLMAN W2615DP	113	ENC	1,2	42.7	22.6	9.6*	92	81.9	17.1	35.0	48.3	7.5	42.2	3312	33210	48.5	21.0	10.2*	87	83.5	16.3	33.1	50.2	7.3	46.0	3419	36331
VIKING 53-10GS	110	C250	Conv.	39.6	21.3	8.4	95	81.5	18.7	38.6	51.7	7.5	41.1	3249	28270	45.4	22.1	10.0	95	83.0	15.9	33.2	48.8	7.5	45.5	3388	34921
AVERAGE				39.0	23.1	9.0	96.6	82.0	18.6	36.0	49.8	7.5	40.5	3296	29912	44.3	21.9	9.7	96.6	82.1	18.4	35.1	48.8	7.3	41.9	3304	32387
HIGHEST				42.7	26.4	9.8	99.0	83.6	21.7	40.9	52.2	8.1	44.0	3428	34181	49.7	26.6	11.2	100.0	83.9	21.4	39.3	53.4	7.7	46.0	3434	39268
LOWEST				35.1	21.3	8.3	89.4	79.9	16.6	33.2	46.4	7.0	34.1	3102	26390	37.4	19.6	8.6	87.4	80.2	14.9	30.2	44.0	6.6	36.7	3081	27354
CV (%)				7.0	4.7	8.4	4.3	2.4	9.6	7.1	8.3	5.0	7.7	4	7	6.3	4.8	8.4	5.9	2.4	9.3	6.6	9.3	5.3	7.6	4	7
LSD (5%)				1.8	0.7	0.5	2.8	1.3	1.2	1.7	2.8	0.3	2.1	91	1400	3.3	1.2	1.0	6.8	2.3	2.0	2.7	5.4	0.5	3.8	169	2661

2 Year Averages 2016 - 2015		Late - TRIAL AVERAGE											Branch - Late														
		YIELD					% QUALITY						YIELD					% QUALITY									
BRAND / HYBRID	RM	TRT	TRAIT	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
AGRI GOLD A65595TXRIB	113	P500	1,2,3,4	40.7	20.3	8.4**	96	81.4	18.9	37.8	50.7	6.9	39.6	3267	27192	43.0	21.1	9.3*	98	81.6	19.2	37.6	51.0	6.7	41.8	3278	30600
GREAT LAKES 6185TXRIB	111	P500	1,2,3,6	41.3	20.5	8.4**	95	83.6	16.8	34.3	52.1	6.3	43.8	3438	29932	42.1	20.8	8.6	93	82.7	17.7	35.3	51.0	6.1	43.8	3367	29876
MASTERS CHOICE MCT-6153	111	C250	1,2,4	42.2	20.2	8.4**	90	82.0	19.8	37.5	51.8	6.8	41.4	3310	28011	46.3	21.2	9.8**	93	80.6	21.4	37.5	47.9	6.5	41.2	3224	32342
NuTechG2 GENETICS 5F-713™	113	P500	1,2,4	39.1	21.6	8.3*	94	83.4	17.5	35.1	52.6	7.1	41.5	3419	29032	41.3	22.0	9.0	94	82.9	18.7	36.1	52.6	6.6	40.6	3371	32004
AVERAGE				40.9	20.7	8.4	93.9	82.6	18.2	36.2	51.8	6.8	41.6	3358	28542	43.2	21.3	9.2	94.4	82.0	19.2	36.6	50.6	6.5	41.9	3310	31205
HIGHEST				42.2	21.6	8.4	96.2	83.6	19.8	37.8	52.6	7.1	43.8	3438	29932	46.3	22.0	9.8	97.6	82.9	21.4	37.6	52.6	6.7	43.8	3371	32342
LOWEST				39.1	20.2	8.3	90.5	81.4	16.8	34.3	50.7	6.3	39.6	3267	27192	41.3	20.8	8.6	92.8	80.6	17.7	35.3	47.9	6.1	40.6	3224	29876
CV (%)				40.8	20.6	8.3	93.9	82.6	18.2	36.2	51.8	6.8	41.5	3358	28525	6.6	5.9	8.8	6.7	2.4	8.7	6.3	9.0	5.4	7.4	4	7
LSD (5%)				42.1	21.6	8.4	96.2	83.6	19.7	37.8	52.6	7.1	43.5	3438	29864	2.4	1.1	0.7	5.3	1.6	1.4	1.9	3.7	0.3	2.6	112	1863

2016			Lenawee - Late										Wood - Late																				
BRAND / HYBRID	RM	TRT	TRAIT	YIELD					% QUALITY					MILK 2006					YIELD					% QUALITY					MILK 2006				
				%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	STR	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	STR	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
AGRI GOLD A6559TXRIB	113	P500	1,2,3,4	34.7	22.3	8.0	99	81.0	16.5	33.9	44.0	7.4	43.2	3264	27888	33.1	23.1	7.6	96	78.5	22.1	43.7	50.8	7.8	28.5	2971	21322						
AGRI GOLD A6517V3PRIB	113	P500	1,2,3	39.0	22.1	8.6	99	81.2	21.7	41.1	54.1	7.7	35.0	3200	28144	31.9	23.6	7.5	94	81.4	20.1	37.5	50.5	7.5	38.3	3268	24534						
BECK 6158AM**	111	ESC	1,2,4,6	40.8	21.9	9.2	99	82.2	17.4	34.7	48.7	7.3	43.2	3331	30551	36.3	23.4	8.4*	98	83.5	18.0	35.6	53.6	7.2	40.7	3411	28726						
BECK 6365AM**	113	ESC	1,2,4,6	35.4	24.7	8.7	100	81.8	18.8	36.8	50.5	8.3	39.0	3283	30529	33.2	24.1	8.0	97	82.5	18.1	35.5	50.6	8.2	39.1	3346	26715						
DAIRYLAND SEED DS-9513	113	C500	1,2,3,4,6	41.9	23.0	9.8*	100	83.9	18.3	34.1	52.7	7.8	42.8	3435	34666	35.9	24.1	8.6*	96	82.0	19.0	36.3	50.6	7.4	41.1	3314	28609						
DAIRYLAND SEED EXP-11213	113	C500	1,2,3,4,6	34.4	27.5	9.4	98	81.0	19.9	40.3	52.7	7.3	36.3	3201	32233	28.6	25.1	7.2	92	77.9	25.4	45.4	51.4	7.0	25.9	2912	22077						
GOLDEN HARVEST G12W66-3122	112	C500	1,2,3,4,6	38.9	22.0	8.6	98	81.3	19.3	37.3	49.8	7.4	38.7	3251	27838	37.7	23.2	8.7*	98	83.1	17.1	36.0	52.8	7.9	41.2	3377	29513						
GREAT LAKES 6185TXRIB	111	P500	1,2,3,6	37.3	23.5	8.8	98	83.1	15.3	32.7	48.4	7.1	44.8	3404	32142	37.3	22.2	8.3*	97	84.0	16.5	33.6	52.2	7.4	41.9	3455	28444						
INTEGRA 6589V72P	115	A250	1,2	36.1	23.8	8.6	100	79.2	22.7	40.2	48.1	7.8	32.9	3037	25994	35.0	22.1	7.7	92	80.4	20.0	39.7	50.7	8.0	37.3	3188	24632						
MASTERS CHOICE MCT-6153	111	C250	1,2,4	35.0	23.2	7.8	89	81.7	20.4	38.9	53.0	7.5	41.6	3257	26397	34.9	22.8	8.0	86	82.4	18.6	36.6	51.9	7.9	39.4	3334	26522						
MASTERS CHOICE MCT-6363	113	C250	1,2,4	39.1	24.8	9.7*	94	82.1	19.4	35.5	49.3	7.3	41.8	3314	30374	37.6	23.4	8.8*	95	83.9	16.9	33.9	52.4	7.6	41.9	3446	30216						
NuTechG2 GENETICS 5F-81™	111	P500	1,2,4	36.0	25.2	9.3	99	81.1	17.6	35.3	46.5	7.5	41.0	3260	30146	36.3	24.2	8.9**	98	81.8	18.9	34.5	47.3	7.7	39.0	3258	28927						
NuTechG2 GENETICS 5F-713™	113	P500	1,2,4	35.9	26.9	9.6	100	83.3	15.6	31.7	47.1	8.2	44.3	3417	32853	33.7	24.6	8.3*	97	83.7	17.1	34.1	52.2	8.4	40.5	3433	28438						
SEED CONSULTANTS SCS 1125YHR™	113	P500	1,2,4	39.1	26.3	10.3*	100	84.6	14.9	31.0	50.4	8.0	44.5	3507	36041	33.5	24.1	8.1	97	83.3	17.8	33.8	50.7	8.3	40.8	3411	27537						
SEED CONSULTANTS SC 11AQ15™	114	P500	1,2,3,4	37.2	23.9	8.9	100	82.1	17.9	34.6	48.2	7.4	42.3	3327	27824	36.1	23.3	8.4*	97	84.3	16.7	32.5	51.8	7.9	43.0	3484	29340						
T. A. SEEDS TA736-22DPRIB	113	C250	VT2P	39.7	24.8	9.8*	99	80.6	17.3	34.4	43.5	7.2	42.9	3239	31847	35.9	22.4	8.1	94	80.7	19.9	38.6	50.1	8.0	38.0	3214	25951						
T. A. SEEDS TA780-13VPRIB	116	C250	VT3P	35.4	25.7	9.1	100	81.8	18.7	36.5	50.1	7.1	39.6	3288	29901	35.0	24.9	8.7*	98	82.9	18.8	35.2	51.4	7.4	40.8	3379	29357						
WELLMAN W2615DP	113	ENC	1,2	44.2	24.2	10.7**	99	81.9	16.3	34.8	48.0	7.9	41.6	3309	35383	35.5	22.5	8.0	90	80.3	18.7	37.0	46.7	7.3	39.1	3207	27917						
VIKING 53-10GS	110	C250	Conv.	38.7	20.4	7.8	96	80.8	18.5	42.4	54.7	7.5	41.4	3165	26193	34.6	21.5	7.4	94	80.6	21.7	40.1	51.6	7.5	36.4	3193	23694						
AVERAGE				37.8	24.0	9.1	98.2	81.8	18.2	36.1	49.5	7.6	40.9	3289	30365	34.8	23.4	8.1	95.0	82.0	19.0	36.8	51.0	7.7	38.6	3295	26983						
HIGHEST				44.2	27.5	10.7	100.0	84.6	22.7	42.4	54.7	8.3	44.8	3507	36041	37.7	25.1	8.9	98.3	84.3	25.4	45.4	53.6	8.4	43.0	3484	30216						
LOWEST				34.4	20.4	7.8	88.8	79.2	14.9	31.0	43.5	7.1	32.9	3037	25994	28.6	21.5	7.2	85.7	77.9	16.5	32.5	46.7	7.0	25.9	2912	21322						
CV (%)				8.1	5.5	9.5	3.0	2.6	10.8	8.6	9.0	5.2	8.0	4	7	5.8	3.5	6.9	3.2	2.2	8.6	7.2	6.6	4.7	7.2	4	8						
LSD (5%)				3.6	1.6	1.0	3.5	2.5	2.3	3.7	5.3	0.5	3.9	162	2620	2.4	1.0	0.7	3.6	2.2	2.0	3.1	4.0	0.4	3.3	146	2426						

2 Year Averages 2016 - 2015			Lenawee - Late										Wood - Late																				
BRAND / HYBRID	RM	TRT	TRAIT	YIELD					% QUALITY					MILK 2006					YIELD					% QUALITY					MILK 2006				
				%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	STR	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	STR	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
AGRI GOLD A6559TXRIB	113	P500	1,2,3,4	41.5	20.8	8.7*	100	82.1	16.7	34.5	48.1	7.5	43.0	3347	29932	37.7	19.1	7.1	91	80.6	20.8	41.2	53.0	6.6	34.0	3175	21044						
GREAT LAKES 6185TXRIB	111	P500	1,2,3,6	42.3	21.2	8.8**	98	84.1	15.5	32.9	51.7	7.0	44.9	3478	32800	39.6	19.5	7.7**	93	84.0	17.1	34.7	53.7	6.0	42.5	3467	27121						
MASTERS CHOICE MCT-6153	111	C250	1,2,4	41.1	20.3	8.0*	94	82.5	19.7	38.4	54.4	7.3	41.2	3332	27183	39.2	19.2	7.4*	84	82.7	18.4	36.7	52.9	6.6	41.8	3374	24507						
NuTechG2 GENETICS 5F-713™	113	P500	1,2,4	39.1	21.8	8.3*	98	82.8	17.3	35.5	51.0	7.9	40.8	3375	27953	37.0	21.1	7.7**	91	84.6	16.6	33.6	54.2	6.9	43.1	3510	27139						
AVERAGE				41.0	21.0	8.4	97.7	82.9	17.3	35.3	51.3	7.4	42.5	3383	29467	38.4	19.7	7.5	89.7	83.0	18.2	36.6	53.5	6.5	40.4	3382	24953						
HIGHEST				42.3	21.8	8.8	99.6	84.1	19.7	38.4	54.4	7.9	44.9	3478	32800	39.6	21.1	7.7	92.7	84.6	20.8	41.2	54.2	6.9	43.1	3510	27139						
LOWEST				39.1	20.3	8.0	94.3	82.1	15.5	32.9	48.1	7.0	40.8	3332	27183	37.0	19.1	7.1	83.9	80.6	16.6	33.6	52.9	6.0	34.0	3175	21044						
CV (%)				7.6	6.1	10.1	2.6	2.3	10.0	7.9	7.4	4.7	7.5	4	7	5.9	4.6	7.4	4.7	2.0	8.5	7.1	5.7	4.8	7.5	4	7						
LSD (5%)				2.5	1.2	0.8	2.2	1.5	1.5	2.4	3.1	0.3	2.6	100	1777	1.8	0.9	0.5	3.7	1.4	1.3	2.2	2.5	0.3	2.5	97	1600						

** 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

2016		Early - TRIAL AVERAGE										Huron - Early										MILK 2006					
BRAND / HYBRID	RM	TRT	TRAIT	YIELD					% QUALITY					YIELD					% QUALITY					MKT	MKIA		
				%DM	G/TA	D/TA	%STD	IVD	ADF	NDF	NDFD	CP	STR	%DM	G/TA	D/TA	%STD	IVD	ADF	NDF	NDFD	CP	STR				
AGRICOLD A626T5TXRIB	102	P500	1,2,3,4	42.6	21.9	9.3	100	82.7	17.7	34.7	49.9	6.8	42.5	3372	31428	43.1	20.5	8.8*	99	83.0	18.4	37.2	54.2	6.4	40.0	3388	29956
AGRICOLD A635S5TXRIB	103	P500	1,2,3,4	40.5	22.8	9.2	98	83.4	16.1	32.8	49.1	6.6	45.1	3431	32711	36.9	20.8	7.7	96	82.0	18.2	37.6	52.3	6.2	39.5	3332	26856
BECK 5234MX™*	102	ESC	1,2,3,4,6	43.6	22.2	9.7*	97	83.9	17.4	34.0	52.5	6.5	43.8	3451	32688	40.7	20.5	8.9*	97	84.2	18.9	36.8	57.1	6.1	40.5	3466	29066
BECK 5460AM™*	104	ESC	1,2,4,6	40.1	23.1	9.2	100	84.0	17.0	33.0	51.5	7.1	44.9	3466	31735	43.1	20.3	8.1	99	83.8	18.1	35.2	53.9	6.4	42.1	3451	28090
CROPLAN 4099SRIB	99	A500	1,2,3,4,6	44.1	22.2	9.7*	100	83.1	18.3	35.8	52.7	7.0	41.6	3386	32658	47.0	20.3	9.5**	100	83.6	19.6	38.6	57.5	6.8	38.7	3410	30339
CROPLAN S4100VT3PRIB	100	A250	1,2,3	37.4	22.7	8.8	98	81.9	20.5	39.5	54.1	6.6	35.4	3266	28759	36.5	20.7	7.6	96	82.2	20.3	40.0	55.5	5.9	34.6	3279	24822
CROPLAN 4819 3000GT	101	A250	1,2,3,4	42.5	21.9	9.1	98	83.4	18.7	36.1	54.0	7.1	41.1	3399	30727	39.5	21.4	8.4	97	83.0	19.6	38.3	55.5	6.9	38.3	3378	28324
CROPLAN 5415SSRIB	104	A500	1,2,3,6	36.3	24.5	9.0	99	80.2	19.9	38.2	47.9	6.6	39.7	3196	29443	38.3	21.5	8.2	99	80.6	22.2	42.0	53.8	6.1	35.8	3208	26330
DAIRYLAND SEED H1DF-3197RA	97	C500	1,2,3,4,6	43.7	18.2	8.1	99	83.7	17.6	34.4	52.4	7.1	43.5	3432	27955	43.5	17.8	7.6	99	83.9	18.0	36.0	55.3	6.6	41.8	3454	26289
DAIRYLAND SEED H1DF-3099.9	99	C500	1,2,3,4,6	40.6	23.5	9.5*	99	82.2	18.5	36.4	51.0	7.1	41.4	3329	30624	43.2	20.9	9.0*	99	81.5	20.2	39.3	52.8	6.5	38.8	3283	29671
DAIRYLAND SEED H1DF-3700RA	100	C500	1,2,3,4,6	39.5	22.0	8.6	99	82.7	18.3	35.8	51.7	6.8	41.0	3364	29320	42.0	19.0	8.0	100	83.7	16.9	34.9	53.2	6.6	42.1	3451	27536
DAIRYLAND SEED H1DF-3702.9	102	C500	1,2,3,4	36.3	23.5	8.5	97	82.8	20.2	38.1	54.9	6.9	39.6	3343	28661	36.6	21.7	7.9	97	83.4	19.9	38.2	56.6	6.4	38.2	3404	26912
DAIRYLAND SEED DS-9403	103	C500	1,2,3,4,6	44.6	20.3	9.0	99	83.3	17.4	34.4	51.6	7.1	44.0	3411	30590	46.9	17.9	8.4	98	84.3	17.3	33.9	53.9	6.4	44.6	3497	29337
DAIRYLAND SEED H1DF-3103.9	103	C500	1,2,3,4,6	37.5	23.7	8.9	98	81.5	18.3	35.7	48.1	7.2	43.2	3290	30828	43.5	21.7	9.5**	97	82.5	17.4	35.3	50.3	6.9	42.7	3374	31895
DYNAGRO D41SS71	101	P500	1,2,3,4,6	39.8	21.3	8.7	97	82.6	19.5	37.7	53.5	7.4	37.9	3327	29422	39.2	20.2	7.9	94	81.6	22.8	43.4	57.6	6.9	32.2	3245	27558
GOLDEN HARVEST G03C94-3010	103	C250	1,2,4	47.0	20.1	9.5*	98	83.6	16.5	33.6	51.0	7.3	44.5	3434	32519	47.9	17.1	8.2	99	83.8	17.0	34.8	53.4	6.6	43.8	3456	28270
GREAT LAKES 5283STXRB	102	P500	1,2,3,6	41.5	22.1	9.0	98	81.8	19.5	37.5	51.4	7.0	40.0	3292	29742	39.7	19.3	7.4	95	82.4	19.2	37.1	52.5	6.6	42.0	3352	24893
LEGACY SEEDS L-4424 GENSS	101	P500	1,2,3,4,5	41.5	22.8	9.4*	97	82.8	18.9	35.4	51.4	7.1	40.2	3331	31983	41.6	20.7	8.6	96	84.1	17.8	35.1	54.7	7.1	42.2	3472	29894
LEGACY SEEDS L-5350 3122	104	C250	1,2,3,4,5	38.5	21.6	8.0	96	80.3	19.8	38.8	48.9	6.6	34.1	3178	25960	38.4	19.1	7.1	93	80.8	21.1	42.9	55.2	5.6	31.7	3210	22745
M&W SEEDS 47J66	94	P250	1,2	49.5	18.6	9.2	99	83.4	17.3	34.1	51.2	7.0	44.7	3417	31355	48.3	18.1	8.7	100	83.9	17.7	34.1	52.7	6.7	44.4	3469	30341
M&W SEEDS 46K79	98	P250	1,2,4,6	42.1	16.7	7.2	95	83.3	19.2	35.9	53.9	8.2	40.2	3391	25152	47.2	18.1	8.5	89	86.1	15.7	31.7	56.1	7.8	46.5	3614	30722
M&W SEEDS 45A36	101	P250	1,2	48.4	18.4	9.1	99	84.1	15.3	33.4	52.3	7.0	46.8	3463	31009	47.7	19.1	9.2*	98	84.9	13.8	34.2	55.8	6.6	49.2	3528	31401
MASTERS CHOICE MCT-4572	95	C250	1,2,3,4,6	46.3	19.6	8.9	96	83.0	16.6	33.2	48.3	7.5	45.3	3400	30450	48.7	17.1	8.3	96	81.8	20.5	39.0	53.3	6.8	40.8	3303	27472
MASTERS CHOICE MCT-4632	96	C250	1,2,3,4,6	44.8	17.8	8.1	97	84.5	16.2	31.9	51.4	7.6	45.0	3495	28167	46.3	17.8	8.2	98	85.1	15.1	31.5	52.6	7.1	45.0	3538	28927
MASTERS CHOICE MCT-5371	103	C250	1	42.8	21.7	9.3	99	83.7	15.7	32.9	50.1	6.5	44.2	3432	31082	42.8	21.0	9.2*	100	84.6	15.4	34.7	55.7	5.7	45.1	3510	30570
RENK RK595SSTX	99	P500	1,2,3,4,6	39.6	23.1	9.2	99	82.2	17.8	34.3	48.2	7.3	42.4	3349	31252	36.4	19.9	7.6	98	81.6	18.1	35.7	48.6	6.8	40.5	3321	25193
RENK RK629VT3P	101	P250	1,2,3	38.2	22.9	8.7	98	82.5	17.1	34.2	48.8	7.1	42.7	3364	31030	40.0	21.2	8.5	96	83.2	15.7	33.2	49.1	6.6	44.1	3428	30806
STEYER 9203 VT2PRORIBC	92	C250	1,2	45.2	19.3	8.7	94	82.8	17.8	35.5	51.5	7.0	42.2	3372	29777	44.7	18.4	8.3	90	83.1	17.9	36.1	53.0	6.6	41.4	3402	28147
STEYER 9801 GT	98	C250	1	46.3	20.2	9.4*	98	82.0	18.2	35.8	49.7	7.0	41.3	3319	31028	48.9	17.8	8.7	96	83.3	17.0	34.5	51.4	6.6	43.6	3427	29783
STEYER 10404 VIP3122	104	C250	1,2,4	39.5	21.2	8.4	96	82.5	17.8	37.2	52.7	7.0	40.5	3334	27905	39.2	19.1	7.6	96	82.5	17.5	40.9	57.2	6.0	41.6	3325	26897
STEYER 10303 GENSSRIBC	103	C250	1,2,3,4	42.5	23.5	10.0**	98	83.0	17.4	34.1	49.9	6.9	44.6	3396	32944	40.0	22.3	8.9*	97	82.7	18.6	36.7	52.8	6.6	44.6	3376	29227
VIKING 42-92	92	C250	Conv.	48.9	18.6	9.1	96	83.7	17.2	34.2	52.3	7.1	44.8	3435	32053	48.5	18.8	9.1*	97	83.9	17.4	35.3	54.4	6.7	43.4	3460	31348
VIKING O.58-98GS	98	C250	Conv.	50.3	18.5	9.3	92	83.5	16.7	33.8	51.2	7.0	44.1	3429	31597	49.7	16.8	8.3	92	84.8	16.6	34.8	56.4	6.6	43.8	3517	29190
VIKING O.51-04GS	104	C250	Conv.	43.0	22.4	9.7*	99	83.5	16.8	34.0	51.6	6.9	43.8	3428	33709	43.8	19.7	8.7	98	83.8	17.0	34.7	53.1	6.3	43.5	3457	31375
AVERAGE				42.5	21.3	9.0	97.7	82.9	17.9	35.2	51.2	7.0	42.2	3374	30478	42.9	19.6	8.4	96.7	83.2	18.1	36.6	54.0	6.5	41.4	3405	28535
HIGHEST				50.3	24.5	10.0	100.0	84.5	20.5	39.5	54.9	8.2	46.8	3495	33709	49.7	22.3	9.5	100.0	86.1	22.8	43.4	57.6	7.8	49.2	3614	31895
LOWEST				36.3	16.7	7.2	92.2	80.2	15.3	31.9	47.9	6.5	34.1	3178	25152	36.4	16.8	7.1	89.3	80.6	13.8	31.5	48.6	5.6	31.7	3208	22745
CV (%)				6.6	6.7	9.2	3.8	2.3	10.3	6.9	8.8	5.1	7.9	4	7	5.3	5.8	7.1	4.8	2.2	8.9	7.0	7.2	5.4	7.1	4	6
LSD (5%)				1.9	1.0	0.6	2.5	1.3	1.2	1.6	3.0	0.2	2.2	85	1394	2.7	1.3	0.7	5.5	2.2	1.9	3.0	4.6	0.4	3.4	143	2127

2016		Ingham - Early										Ottawa - Early																
		YIELD					%QUALITY					YIELD					%QUALITY											
BRAND / HYBRID	TRT	RM	TRAIT	%DM	GTA	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MKT	MK/A	%DM	GTA	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MKT	MK/A	
AGRI GOLD A626T5TXRIB		102	P500	12,3,4	42.7	19.6	8.4	100	83.7	14.9	31.0	47.5	6.9	46.4	3464	29133	42.1	25.5	10.8	100	81.4	19.8	35.9	48.0	7.2	41.2	3264	35196
AGRI GOLD A635S5TXRIB		103	P500	12,3,4	43.4	21.0	9.1*	99	84.9	14.6	30.0	49.7	6.5	48.7	3547	32262	41.4	26.7	11.0*	100	83.1	15.4	30.9	45.4	7.0	47.3	3413	39016
BECK 5234MM**		102	ESC	12,3,4,6	44.4	19.9	8.8*	96	84.9	14.9	30.7	50.7	6.7	47.6	3539	31256	42.6	26.0	11.3*	98	82.6	18.3	34.7	49.8	6.6	43.2	3347	37743
BECK 5460AM**		104	ESC	12,4,6	42.0	22.0	9.2*	100	85.3	14.7	30.4	51.5	7.1	48.1	3564	32862	38.1	27.1	10.1	99	83.0	18.3	33.4	49.0	7.7	44.7	3384	34254
CROPLAN 4099SSRIB		99	A500	12,3,4,6	44.5	21.6	9.4*	100	83.9	16.7	33.7	52.3	6.9	43.9	3453	32523	40.9	24.7	10.1	100	81.8	18.5	35.2	48.3	7.4	42.3	3295	35110
CROPLAN S4100V3PRIB		100	A250	1,2,3	40.2	20.7	8.3	100	83.4	17.8	35.7	53.5	6.7	39.5	3404	28359	35.5	26.7	10.6	98	80.1	23.5	42.7	53.4	7.3	32.0	3114	33097
CROPLAN 4819 3000GT		101	A250	1,2,3,4	47.5	20.1	9.3*	98	84.2	16.5	33.0	52.0	6.8	44.6	3476	32217	40.6	24.1	9.8	100	83.0	19.9	37.2	54.4	7.6	40.4	3343	31641
CROPLAN 5415SSRIB		104	A500	1,2,3,6	36.8	22.8	8.4	99	80.3	18.6	36.5	46.0	6.5	41.2	3213	29282	34.0	29.4	10.3	99	79.8	19.1	36.1	44.0	7.2	42.1	3168	32716
DAIRYLAND SEED H1DF-3197RA		97	C500	1,2,3,4,6	49.7	18.0	8.9*	100	84.2	17.8	34.1	53.6	7.2	43.2	3463	30818	38.1	18.8	7.9	97	82.9	17.2	33.0	48.3	7.7	45.6	3379	26758
DAIRYLAND SEED H1DF-3099.9		99	C500	1,2,3,4,6	39.6	20.7	8.2	99	82.8	16.6	35.1	51.0	6.8	42.3	3374	27625	39.2	28.9	11.3*	100	82.4	18.7	34.7	49.1	7.9	43.0	3330	34575
DAIRYLAND SEED H1DF-3700RA		100	C500	1,2,3,4,6	40.6	20.9	8.5	100	82.9	18.2	36.8	53.4	6.6	39.6	3362	30064	35.9	26.0	9.3	98	81.6	19.8	35.7	48.4	7.1	41.3	3278	30359
DAIRYLAND SEED H1DF-3702.9		102	C500	1,2,3,4	38.8	21.3	8.3	96	84.1	17.5	34.8	54.3	6.7	42.1	3454	29930	33.5	27.6	9.2	98	80.9	23.1	41.4	53.8	7.5	38.6	3172	29143
DAIRYLAND SEED DS-9403		103	C500	1,2,3,4,6	43.4	19.0	8.1	100	84.3	14.9	31.7	50.4	7.0	45.6	3491	28274	43.5	24.1	10.5	100	81.4	20.1	37.5	50.4	7.8	41.7	3245	34160
DAIRYLAND SEED H1DF-3103.9		103	C500	1,2,3,4,6	32.5	22.6	7.4	98	81.1	16.8	33.5	43.6	6.8	44.5	3282	26407	36.5	26.8	9.9	99	81.0	20.7	38.4	50.6	7.9	42.4	3214	34183
DYNAGRO D41SS71		101	P500	1,2,3,4,6	41.4	20.8	8.8*	99	84.2	17.9	35.1	55.0	7.2	41.6	3456	30518	38.8	22.7	9.2	98	82.1	17.8	34.5	48.0	8.0	40.1	3281	30190
GOLDEN HARVEST G03C84-3010		103	C250	1,2,4	46.5	19.1	8.8*	96	84.2	15.1	31.8	50.2	7.4	46.1	3486	30582	46.6	24.3	11.5*	100	82.8	17.6	34.1	49.5	7.9	43.7	3361	38706
GREAT LAKES 5283S5TXRIB		102	P500	1,2,3,6	40.9	20.7	8.1	99	81.1	20.3	38.9	51.6	6.8	36.8	3241	26384	43.9	26.3	11.6*	99	81.8	19.0	36.5	50.2	7.4	41.2	3283	37951
LEGACY SEEDS L-4424 GENSS		101	P500	1,2,3,4,5	43.0	20.0	8.6	96	82.7	19.5	34.1	49.1	7.0	38.8	3260	30222	39.8	27.7	11.0*	100	81.6	19.5	37.1	50.3	7.4	39.6	3261	35832
LEGACY SEEDS L-5350 3122		104	C250	1,2,3,4,5	41.8	20.7	8.5	97	80.5	18.3	36.3	46.2	6.9	33.9	3175	26679	35.4	25.1	8.5	97	79.6	20.1	37.3	45.4	7.2	36.7	3148	28456
M&W SEEDS 47J66		94	P250	1,2	51.4	18.2	9.1*	99	84.0	16.4	34.4	53.2	7.0	45.0	3448	31508	48.9	19.6	9.7	100	82.3	17.8	34.0	47.7	7.2	44.8	3334	32216
M&W SEEDS 46K79		98	P250	1,2,4,6	45.7	17.7	8.1	97	85.0	16.0	32.6	53.9	7.6	44.9	3526	28579	33.5	14.2	5.0	97	79.0	25.8	43.4	51.6	9.4	29.3	3034	16156
M&W SEEDS 45A36		101	P250	1,2	50.2	16.8	8.4	100	85.8	13.8	29.7	52.1	7.1	48.3	3601	30287	47.4	19.3	9.6	99	81.4	18.4	36.5	49.0	7.4	42.9	3260	31340
MASTERS CHOICE MCT-4572		95	C250	1,2,3,4,6	47.0	19.1	8.7	95	83.6	15.3	31.7	48.2	7.5	46.0	3449	30135	43.2	22.6	9.8	97	83.6	14.1	29.1	43.3	8.2	49.1	3449	33742
MASTERS CHOICE MCT-4632		96	C250	1,2,3,4,6	48.2	16.9	8.1	97	85.4	16.1	32.3	54.7	7.2	45.1	3553	28886	40.0	18.8	7.8	95	83.0	17.4	32.0	47.0	8.6	44.9	3393	26689
MASTERS CHOICE MCT-5371		103	C250	1	44.4	19.1	8.5	98	84.3	14.6	30.7	48.7	6.9	44.7	3455	30670	41.2	24.9	10.3	99	82.1	17.1	33.2	46.1	7.1	42.9	3331	32006
RENK RK59SS5TX		99	P500	1,2,3,4,6	44.4	19.8	8.8*	100	83.5	17.3	32.6	49.4	7.0	44.6	3435	31443	38.0	29.7	11.3*	100	81.7	17.9	34.5	46.7	8.0	42.3	3291	37120
RENK RK629VT3P		101	P250	1,2,3	38.8	20.9	8.1	100	83.4	16.2	33.1	49.7	7.5	43.6	3423	29403	35.8	26.6	9.5	99	81.1	19.5	36.3	47.7	7.4	40.5	3239	32882
STEYER 9203 VT2PRORIB		92	C250	1,2	47.2	19.4	9.1*	97	83.2	17.3	34.7	51.5	6.9	43.2	3403	31013	43.5	20.2	8.8	94	82.2	18.4	35.7	50.0	7.4	42.0	3310	30172
STEYER 9801 GT		98	C250	1	44.7	20.6	9.2*	100	81.4	17.6	35.2	47.2	7.0	41.9	3289	30279	45.3	22.2	10.2	99	81.3	20.2	37.7	50.4	7.4	38.5	3240	33022
STEYER 10404 VIP3122		104	C250	1,2,4	42.2	19.9	8.4	96	84.1	17.2	34.6	53.9	7.5	40.8	3451	27527	37.0	24.7	9.1	97	80.8	18.7	36.2	47.0	7.7	39.2	3226	29292
STEYER 10303 GENSSRIB		103	C250	1,2,3,4	43.4	20.4	8.8*	97	83.9	17.8	33.9	52.3	6.8	43.5	3451	28535	44.1	27.9	12.2**	99	82.4	15.8	31.7	44.4	7.2	45.8	3360	41070
VIKING 42-92		92	C250	Conv.	51.9	17.3	9.0*	96	84.7	15.4	32.1	52.3	7.2	45.7	3515	31492	46.4	19.7	9.2	96	82.4	18.7	35.2	50.1	7.5	45.2	3330	33320
VIKING 0.58-98GS		98	C250	Conv.	53.2	15.8	8.2	93	84.9	16.2	32.3	53.1	7.0	45.6	3523	28774	47.9	22.9	11.4*	92	80.9	17.3	34.2	44.1	7.5	42.9	3248	36826
VIKING 0.51-04GS		104	C250	Conv.	47.1	20.0	9.7**	100	85.1	15.8	32.7	54.5	6.9	46.2	3533	32829	38.0	27.5	10.6	99	81.7	17.8	34.7	47.3	7.5	41.7	3293	36923
AVERAGE					44.1	19.8	8.6	98.2	83.7	16.6	33.4	51.1	7.0	43.6	3434	29905	40.5	24.4	9.9	98.3	81.7	18.9	35.6	48.5	7.6	41.7	3283	32996
HIGHEST					53.2	22.8	9.7	100.0	85.8	20.3	38.9	55.0	7.6	48.7	3601	32862	48.9	29.7	12.2	100.0	83.6	25.8	43.4	54.4	9.4	49.1	3449	41070
LOWEST					32.5	15.8	7.4	92.7	80.3	13.8	29.7	43.6	6.5	33.9	3175	26384	33.5	14.2	5.0	91.9	79.0	14.1	29.1	43.3	6.6	29.3	3034	16156
CV (%)					6.5	6.7	8.6	3.4	2.3	9.8	7.1	9.2	4.8	7.3	4	7	7.2	7.0	9.9	3.1	2.5	10.8	7.8	10.0	4.8	8.7	4	7
LSD (5%)					3.4	1.6	0.9	4.0	2.2	1.9	2.8	5.5	0.4	3.7	147	2435	3.4	2.0	1.2	3.5	2.4	2.4	3.3	5.7	0.4	4.3	156	2887

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

-2 Year Averages Continued On Page 40.

2016			Ingham - Late										Ottawa - Late														
BRAND / HYBRID	RM	TRT	TRAIT	YIELD					% QUALITY					YIELD					% QUALITY					MILK 2006			
				%DM	G/TA	DT/A	%STD	IVD	ADF	NDF	NDFFD	CP	STR	MK/A	MK/A	%DM	G/TA	DT/A	%STD	IVD	ADF	NDF	NDFFD	CP	STR	MK/A	MK/A
AGRICOLD A6424GT3VIP	108	P500	1,2,3,6	44.7	21.5	9.6	99	85.6	16.1	32.1	55.2	6.6	45.3	3565	35801	36.9	28.3	11.0	99	82.9	21.9	39.4	56.6	6.9	37.1	3315	36552
BECK 5140HR™	105	ESC	1,2,4,6	46.5	17.4	7.8	97	84.8	16.3	30.9	50.7	6.8	46.5	3524	27601	38.8	30.1	11.8	99	82.2	19.2	35.8	50.2	7.2	40.7	3315	39196
BECK 5665AMX™	106	ESC	1,2,3,4,6	43.0	21.7	9.3	93	85.3	14.4	29.5	50.1	7.2	48.1	3565	33084	40.1	34.3	13.1*	100	83.9	15.0	30.7	47.3	8.4	46.5	3458	45271
BECK 5840AM™	108	ESC	1,2,4,6	42.1	19.5	8.2	91	83.8	18.5	34.4	52.7	6.7	43.7	3431	29333	37.9	36.4	13.1*	100	84.3	17.0	32.9	52.3	7.4	45.9	3469	45445
DAIRYLAND SEED H1DF-3605RA	105	C500	1,2,3,4,6	43.3	20.5	8.9	91	84.0	14.9	30.9	48.0	7.1	47.1	3475	30780	38.0	31.0	11.7	100	80.9	20.4	38.5	50.5	8.1	35.7	3209	35539
DAIRYLAND SEED EXP-10707	107	C500	1,2,3,4,6	38.8	19.1	7.5	90	78.8	19.2	37.6	43.4	6.7	38.9	3297	24853	33.9	32.7	11.1	99	77.3	23.2	44.1	48.5	7.2	31.5	2948	34101
DAIRYLAND SEED H1DF-3808RA	108	C500	1,2,3,4,6	42.8	22.3	9.7*	89	84.8	17.1	35.9	57.5	6.8	44.7	3472	33803	31.4	34.1	10.9	99	79.8	20.0	37.3	45.9	7.6	31.6	3148	35951
DAIRYLAND SEED H1DF-3510SSX	110	C500	1,2,3,4,6	35.4	23.5	8.6	100	82.4	20.3	37.3	52.7	6.5	39.3	3320	28490	34.7	31.5	10.9	98	79.1	23.6	42.1	50.4	6.8	35.4	3074	33565
DYNAGRO D47SS23	107	P500	1,2,3,4,6	47.4	19.3	8.8	99	85.0	13.0	29.9	49.9	7.3	47.7	3546	31281	39.9	26.3	10.5	100	83.4	16.6	32.9	49.6	7.2	44.2	3416	36582
DYNAGRO D49VC39	109	P500	1,2	42.7	20.5	8.5	97	81.7	17.4	36.7	50.3	6.5	42.1	3291	27847	35.9	33.6	12.0	100	81.1	17.6	34.5	45.3	7.6	41.9	3262	39143
DYNAGRO D50SS43	110	P500	1,2,3,4,6	44.1	22.7	9.9*	97	84.5	15.9	32.5	52.4	7.2	46.2	3493	34633	38.2	34.1	13.0*	99	81.4	17.9	34.3	45.6	7.6	42.6	3282	42461
GOLDEN HARVEST G05T82-3122	105	C250	1,2,3,4,6	43.3	18.2	7.8	100	81.4	21.2	32.1	42.3	6.9	45.7	3306	25764	40.3	27.8	11.3	100	83.3	16.3	32.4	48.5	7.6	43.7	3415	39970
GOLDEN HARVEST G07V88-3000C	107	C250	1,2,3,4	41.8	19.5	8.1	98	82.3	19.9	36.7	51.8	6.5	39.6	3326	28539	36.8	30.6	11.3	99	81.7	17.7	35.0	47.9	7.2	44.2	3297	37280
GOLDEN HARVEST G07B39-3122P	109	C500	1,2,3,4,5,6	38.4	20.0	7.9	99	82.9	19.1	36.8	53.5	7.1	38.8	3354	26401	34.3	30.3	10.5	100	81.9	16.8	32.9	44.9	7.7	43.6	3320	36552
GREAT LAKES 5824TXRIB	108	P500	1,2,3,6	42.2	22.3	9.3	94	83.5	14.2	30.7	46.3	6.8	47.0	3448	32044	35.0	33.0	11.5	99	83.8	16.8	34.5	53.0	7.3	41.3	3421	39331
GREAT LAKES 5944TXRIB	109	P500	1,2,3,6	42.7	19.3	8.5	91	84.0	14.4	29.7	46.1	6.9	48.3	3494	29699	41.5	32.9	13.6**	98	84.1	14.2	29.0	45.3	7.4	46.8	3472	47366
INTEGRA 6011GSS	110	PV500	1,2,3,4,6	45.1	18.1	7.8	96	84.1	14.0	29.8	46.3	7.3	46.1	3465	27162	39.9	32.6	13.0*	98	81.5	18.1	34.1	46.7	7.8	42.1	3308	43044
LEGACY SEEDS L-6334 3000GT	107	C250	1,2,3,4,5	45.6	21.3	9.5*	99	86.0	16.0	31.1	55.1	6.2	46.6	3600	34330	38.1	29.6	11.7	100	83.4	19.4	35.7	53.4	7.3	39.5	3383	37345
M&W SEEDS 44D81	108	P250	1,2	45.4	19.6	8.9	97	84.9	12.7	28.2	46.5	6.5	51.0	3555	33790	38.4	30.3	11.4	100	82.4	18.8	36.7	51.9	7.7	43.9	3316	37808
NK Brand N53W-3122	105	C250	1,2,3,4,6	46.7	18.4	8.5	89	84.1	16.6	31.9	49.9	6.8	44.9	3472	29409	37.8	31.1	11.5	100	82.8	17.8	33.5	48.7	7.9	42.4	3374	38721
NK Brand N61P-3000GT Brand	105	C250	1,2,3,4	41.8	21.4	8.7	96	80.5	17.6	33.6	42.1	6.4	43.5	3476	29866	38.0	28.1	10.4	100	81.8	17.5	33.1	45.2	7.0	44.5	3317	34517
NuTech/G2 GENETICS 5H-806™	106	P500	1,2,4	43.5	19.7	8.6	95	85.4	14.6	30.0	51.1	7.4	46.8	3567	30522	35.1	30.2	10.9	98	81.5	22.3	39.9	53.6	7.2	36.8	3229	33678
NuTech/G2 GENETICS 5F-906™	106	P500	1,2,4	44.8	22.7	10.2**	94	86.7	12.1	28.0	52.5	7.2	50.1	3666	37370	38.7	33.6	13.0*	99	82.7	17.9	34.3	49.5	8.0	42.0	3358	45659
NuTech/G2 GENETICS 5F-308™	108	P500	1,2,4	40.1	20.3	8.2	96	85.4	14.9	32.2	54.6	6.9	44.6	3548	29174	38.9	32.4	12.6*	100	83.6	15.7	33.5	51.1	7.7	43.5	3421	46530
NuTech/G2 GENETICS 5F-709™	109	P500	1,2,4	44.9	20.9	9.6*	99	84.7	13.8	28.6	46.3	7.4	49.0	3531	33935	41.2	31.2	12.8*	99	83.7	15.3	31.0	47.2	7.6	46.3	3444	47389
NuTech/G2 GENETICS 5F-510™	110	P500	1,2,4	38.4	24.2	8.8	98	82.8	17.1	36.4	52.7	7.5	42.4	3351	29386	37.4	32.9	12.3*	100	83.7	17.2	33.6	51.4	7.7	43.2	3424	44286
RENK RK71TSSTX	105	P500	1,2,3,4,6	51.6	16.5	8.6	96	84.0	14.6	34.0	52.7	7.0	48.3	3445	29591	53.0	25.3	13.4*	100	83.0	17.0	32.4	47.3	7.9	44.9	3394	45356
RENK RK776SSTX	107	P500	1,2,3,4,6	41.8	18.8	8.4	96	80.0	21.7	41.1	51.4	7.0	34.8	3145	24958	39.0	34.7	13.5*	100	83.0	15.2	32.7	47.9	7.8	44.2	3390	43191
RENK RK810SSTX	110	P500	1,2,3,4,6	40.8	21.4	8.8	99	84.3	15.2	31.4	49.8	6.8	45.5	3489	30795	37.5	30.2	11.4	100	81.8	17.4	35.4	48.5	7.0	40.5	3297	34703
RENK 6-798VT2P	109	P250	1,2	40.5	21.8	8.8	92	82.5	17.6	35.0	50.1	7.1	41.0	3350	30743	39.3	31.6	12.4*	98	81.6	16.3	33.2	44.8	7.7	43.4	3304	38049
VIKING 42-08	107	C250	Conv.	46.1	12.0	5.4	47	81.5	20.4	39.3	53.0	8.2	36.2	3244	17993	43.9	19.0	8.3	79	81.5	20.1	36.2	48.9	7.5	41.6	3271	28300
VIKING 53-10GS	110	C250	Conv.	38.3	20.2	7.6	81	81.8	16.5	33.5	45.6	6.9	44.0	3318	25330	35.8	19.9	7.5	89	81.7	18.7	34.3	46.4	7.4	40.6	3259	25813
AVERAGE				42.9	20.1	8.6	93.5	83.5	16.5	33.0	50.1	6.9	44.5	3439	29822	38.3	30.6	11.7	98.4	82.2	18.1	34.9	48.9	7.5	41.6	3322	39006
HIGHEST				51.6	24.2	10.2	100.0	86.7	21.7	41.1	57.5	8.2	51.0	3666	37370	53.0	36.4	13.6	100.0	84.3	23.6	44.1	56.6	8.4	46.8	3472	47389
LOWEST				35.4	12.0	5.4	46.6	78.8	12.1	28.0	42.1	6.2	34.8	3145	17993	31.4	19.0	7.5	78.7	77.3	14.2	29.0	44.8	6.8	31.5	2948	25813
CV (%)				6.2	6.5	7.5	5.8	3.3	12.1	9.3	13.8	5.3	8.4	5	8	7.3	6.3	9.7	4.9	2.5	11.7	8.7	8.8	5.0	8.9	4	8
LSD (5%)				3.2	1.5	0.8	6.4	3.2	2.4	3.6	8.1	0.4	4.4	182	2680	3.3	2.3	1.3	5.7	2.4	2.5	3.6	5.1	0.4	4.4	161	3513

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

-2 Year Averages Continued On Page 41.

2 Year Averages 2016 - 2015		Early - TRIAL AVERAGE										Huron - Early															
BRAND / HYBRID	RM	TRT	TRAIT	YIELD			% QUALITY			STR	MILK 2006	YIELD			% QUALITY			STR	MILK 2006								
				%DM	GT/A	DT/A	%STD	IVD	ADF			NDF	NDFFD	CP	%DM	GT/A	DT/A			%STD	IVD	ADF	NDF	NDFFD	CP		
CROPLAN 4099SS/RIB	99	A500	1,2,3,4,6	42.2	24.2	10.0	100	82.8	18.7	37.0	53.2	7.0	40.4	3345	33797	45.1	22.4	10.0	100	82.5	20.4	39.8	56.2	6.7	38.4	3318	32230
CROPLAN 5415SS/RIB	104	A500	1,2,3,6	37.5	26.1	9.8	99	81.0	19.9	38.1	49.8	6.6	39.8	3237	31680	40.5	24.1	9.6	99	81.3	20.5	38.9	51.8	6.3	38.9	3247	31200
DAIRYLAND SEED HI DF-3099-9	99	C500	1,2,3,4,6	38.9	25.9	9.9	98	81.7	18.3	36.0	48.9	7.1	41.6	3297	32654	40.8	23.5	9.5	99	81.4	18.0	35.6	47.2	6.5	42.7	3291	32709
DAIRYLAND SEED HI DF-3702-9	102	C500	1,2,3,4	35.4	25.8	9.0	96	82.6	20.1	38.1	54.3	6.8	39.6	3333	30636	36.8	24.8	9.1	98	82.6	20.1	38.6	55.0	6.4	39.0	3340	30316
GREAT LAKES 5283TX/RIB	102	P500	1,2,3,6	40.6	24.4	9.9	97	82.0	18.4	36.2	50.2	6.9	41.1	3318	32317	39.5	21.8	8.5	97	82.3	18.2	35.8	50.5	6.6	42.6	3348	28392
LEGACY SEEDS L-4424 GENSS	101	P500	1,2,3,4,5	40.0	24.6	9.7	97	82.1	18.7	36.8	51.4	7.1	40.1	3298	32676	40.9	23.5	9.6	98	82.9	18.5	36.2	52.7	6.9	41.7	3374	32246
M&W SEEDS 47J66	94	P250	1,2	46.4	20.3	9.3	99	82.5	17.7	34.8	49.8	7.0	43.7	3359	32105	46.7	20.3	9.4	100	81.3	19.1	36.1	48.5	6.7	41.7	3285	31500
MASTERS CHOICE MCT-5371	103	C250	1	40.1	23.8	9.5	95	82.6	17.2	34.6	49.7	6.7	42.4	3361	31966	42.4	23.1	9.9	99	83.4	16.0	33.9	50.9	6.0	44.7	3430	34605
RENK RK629VT3P	101	P250	1,2,3	38.2	24.7	9.3	94	82.7	17.1	34.7	50.1	7.2	42.3	3368	31653	39.9	23.9	9.5	96	83.3	16.4	34.0	50.7	6.7	43.6	3416	33438
STEYER 9203 VT2PRORIBC	92	C250	1,2	44.4	20.3	8.9	95	82.6	17.8	35.8	51.5	6.9	42.6	3358	29923	46.1	19.1	8.8	95	82.9	17.9	36.0	52.3	6.6	42.7	3376	28897
STEYER 9801 GT	98	C250	1	44.9	21.6	9.6	98	81.4	19.3	37.5	50.4	6.9	40.1	3272	31351	47.7	20.5	9.8	98	82.1	18.5	36.8	51.2	6.6	41.9	3322	32497
AVERAGE				40.8	23.8	9.5	97.3	82.2	18.5	36.3	50.9	6.9	41.2	3322	31878	42.4	22.5	9.4	98.1	82.4	18.5	36.5	51.5	6.5	41.6	3341	31639
HIGHEST				46.4	26.1	10.0	99.8	82.8	20.1	38.1	54.3	7.2	43.7	3368	33797	47.7	24.8	10.0	99.9	83.4	20.5	39.8	56.2	6.9	44.7	3430	34605
LOWEST				35.4	20.3	8.9	94.3	81.0	17.1	34.6	48.9	6.6	39.6	3237	29923	36.8	19.1	8.5	95.0	81.3	16.0	33.9	47.2	6.0	38.4	3247	28392
CV (%)				6.6	8.4	9.9	4.5	2.4	10.3	6.9	8.4	5.6	7.6	4	7	6.0	6.7	8.6	4.2	2.3	9.2	6.4	8.3	5.7	7.2	4	7
LSD (5%)				1.3	0.9	0.4	2.1	0.9	0.9	1.2	2.1	0.2	1.5	62	1062	2.1	1.2	0.6	3.3	1.6	1.4	1.9	3.6	0.3	2.5	105	1803

2 Year Averages 2016 - 2015		Ingham - Early										Ottawa - Early															
BRAND / HYBRID	RM	TRT	TRAIT	YIELD			% QUALITY			STR	MILK 2006	YIELD			% QUALITY			STR	MILK 2006								
				%DM	GT/A	DT/A	%STD	IVD	ADF			NDF	NDFFD	CP	%DM	GT/A	DT/A			%STD	IVD	ADF	NDF	NDFFD	CP		
CROPLAN 4099SS/RIB	99	A500	1,2,3,4,6	40.3	24.4	9.4	100	83.3	18.6	36.4	54.1	6.9	41.6	3397	31976	41.2	25.9	10.7	100	82.4	17.1	34.8	49.4	7.5	41.3	3321	37184
CROPLAN 5415SS/RIB	104	A500	1,2,3,6	36.1	25.1	9.0	99	81.0	20.0	38.9	51.0	6.3	38.9	3243	29391	36.1	29.2	10.7	100	80.6	19.1	36.4	46.7	7.4	41.6	3221	34448
DAIRYLAND SEED HI DF-3099-9	99	C500	1,2,3,4,6	38.1	25.1	9.4	96	83.0	16.5	34.7	50.8	6.9	42.3	3382	31792	37.7	29.0	10.9	100	80.8	20.4	37.7	48.9	7.9	39.8	3216	33460
DAIRYLAND SEED HI DF-3702-9	102	C500	1,2,3,4	36.1	24.3	8.5	98	83.3	18.8	36.7	54.4	6.6	40.5	3394	30365	33.4	28.4	9.5	92	81.9	21.5	39.0	53.6	7.5	39.1	3264	30926
GREAT LAKES 5283TX/RIB	102	P500	1,2,3,6	41.7	24.3	10.3	98	81.7	18.6	36.8	50.3	6.6	39.9	3302	32627	40.5	27.2	10.9	97	82.0	18.6	36.0	49.9	7.5	40.7	3304	35932
LEGACY SEEDS L-4424 GENSS	101	P500	1,2,3,4,5	40.6	23.5	9.2	98	82.1	19.2	36.7	51.0	6.8	38.6	3266	31161	38.7	26.8	10.4	94	81.4	18.5	37.6	50.6	7.5	39.9	3253	34619
M&W SEEDS 47J66	94	P250	1,2	47.3	19.2	8.9	99	84.3	15.3	32.9	52.2	7.0	46.5	3485	31994	45.2	21.4	9.6	99	81.9	18.8	35.4	48.7	7.4	43.0	3307	32821
MASTERS CHOICE MCT-5371	103	C250	1	39.8	23.5	9.2	98	82.6	16.9	35.2	50.3	6.8	41.2	3346	31288	38.0	24.8	9.4	88	81.8	18.7	34.9	47.9	7.3	41.4	3308	30005
RENK RK629VT3P	101	P250	1,2,3	38.5	24.6	9.1	97	83.6	16.1	33.5	50.9	7.3	43.0	3425	30677	36.0	25.6	9.2	90	81.4	18.7	36.5	48.8	7.6	40.4	3263	30845
STEYER 9203 VT2PRORIBC	92	C250	1,2	45.8	20.5	9.3	98	83.9	16.4	33.9	52.3	6.8	44.9	3454	32068	41.4	21.2	8.7	92	81.2	19.2	37.5	49.9	7.5	40.3	3245	28805
STEYER 9801 GT	98	C250	1	41.7	23.0	9.3	100	81.1	19.3	37.5	49.4	7.0	39.9	3258	30181	45.4	21.2	9.7	98	81.2	20.1	38.2	50.6	7.3	38.5	3235	31375
AVERAGE				40.5	23.4	9.2	98.3	82.7	17.8	35.7	51.5	6.8	41.6	3359	31229	39.4	25.5	10.0	95.4	81.5	19.2	36.7	49.5	7.5	40.5	3267	32766
HIGHEST				47.3	25.1	10.3	100.0	84.3	20.0	38.9	54.4	7.3	46.5	3485	32627	45.4	29.2	10.9	99.9	82.4	21.5	39.0	53.6	7.9	43.0	3321	37184
LOWEST				36.1	19.2	8.5	96.2	81.0	15.3	32.9	49.4	6.3	38.6	3243	29391	33.4	21.2	8.7	88.2	80.6	17.1	34.8	46.7	7.3	38.5	3216	28805
CV (%)				6.4	10.7	10.7	3.6	2.4	10.0	7.3	8.3	5.9	7.5	4	7	7.1	6.7	9.2	5.5	2.5	10.7	7.7	8.7	5.2	7.9	4	7
LSD (5%)				2.3	1.9	0.8	2.9	1.6	1.4	2.1	3.5	0.3	2.7	109	1815	2.3	1.4	0.8	4.4	1.7	1.7	2.3	3.5	0.3	2.7	110	1988

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

2 Year Averages 2016 - 2015										Late - TRIAL AVERAGE										Huron - Late									
BRAND / HYBRID	RM	TRT	TRAIT	YIELD			% QUALITY			MILK 2006	YIELD			% QUALITY			MILK 2006												
				%DM	GT/A	DT/A	%STD	IVD	ADF		NDF	NDFFD	CP	STR	%DM	GT/A		DT/A	%STD	IVD	ADF	NDF	NDFFD	CP	STR				
DAIRYLAND SEED HI DF-3510SSX	110	C500	1,2,3,4,6	34.0	29.9	10.2 *	97	80.6	21.8	40.6	52.1	6.3	36.3	3216	32704	34.7	28.8	10.1 **	97	79.5	21.7	43.6	52.5	5.8	34.0	3171	31125		
DYNAGRO D50SS43	110	P500	1,2,3,4,6	39.1	27.2	10.5 **	98	81.6	19.4	37.2	50.5	6.9	40.4	3286	34266	39.4	23.9	9.2	97	81.9	19.4	37.9	52.1	6.7	39.0	3305	30542		
GOLDEN HARVEST G05T82-3122	105	C250	1,2,3,4,6	39.9	24.3	9.5	97	81.5	19.5	36.2	48.7	6.7	40.1	3289	31467	41.0	24.0	9.5 *	95	81.4	18.9	37.0	49.7	6.2	39.2	3287	31168		
GOLDEN HARVEST G07V88-3000C	107	C250	1,2,3,4,6	38.7	24.9	9.5	93	81.7	20.0	37.6	51.3	6.5	40.1	3288	31254	39.7	22.3	8.9	89	82.2	20.2	38.0	53.2	6.2	39.9	3325	29384		
NK Brand N53W-3122	105	C250	1,2,3,4,6	40.0	25.0	9.8	95	82.5	18.2	34.9	49.9	6.9	41.7	3361	33231	40.8	23.4	9.5 *	98	82.2	19.1	35.9	50.6	6.4	41.0	3345	31609		
NK Brand N61P-3000GT Brand	105	C250	1,2,3,4	38.9	24.8	9.5	95	82.2	18.7	35.5	49.6	6.5	41.6	3358	32131	38.8	23.9	9.3	99	82.2	19.6	38.0	53.1	6.1	39.3	3326	30799		
NuTechG2 GENETICS 5H-806™	106	P500	1,2,4	37.7	26.2	9.8	97	82.8	18.7	35.9	52.1	6.9	40.6	3353	32947	38.9	24.8	9.7 *	96	84.1	16.5	33.5	52.4	6.7	42.7	3423	34063		
NuTechG2 GENETICS 5F-709™	109	P500	1,2,4	38.6	26.7	10.1 *	99	82.5	17.5	34.3	48.9	7.0	42.4	3364	34972	40.8	24.3	9.7 *	98	83.7	16.6	33.8	51.6	6.9	43.0	3446	34230		
RENK RK776SSTX	107	P500	1,2,3,4,6	38.4	25.7	10.0	98	81.4	19.0	38.3	51.3	6.8	38.3	3263	32030	38.5	23.3	9.0	99	81.6	18.3	38.9	52.5	6.3	37.8	3279	29456		
RENK RK810SSTX	110	P500	1,2,3,4,6	38.2	26.1	10.0	99	82.4	17.3	34.9	49.6	6.6	41.5	3353	32872	38.8	24.8	9.6 *	99	82.0	18.2	36.2	50.3	6.3	39.1	3318	31954		
AVERAGE				38.4	26.1	9.9	96.9	81.9	19.0	36.5	50.4	6.7	40.3	3313	32788	39.1	24.4	9.4	96.6	82.1	18.9	37.3	51.8	6.3	39.5	3322	31433		
HIGHEST				40.0	29.9	10.5	99.3	82.8	21.8	40.6	52.1	7.0	42.4	3364	34972	41.0	28.8	10.1	98.7	84.1	21.7	43.6	53.2	6.9	43.0	3446	34230		
LOWEST				34.0	24.3	9.5	93.4	80.6	17.3	34.3	48.7	6.3	36.3	3216	31254	34.7	22.3	8.9	89.5	79.5	16.5	33.5	49.7	5.8	34.0	3171	29384		
CV (%)				6.6	6.8	8.8	5.8	2.7	11.5	7.9	9.3	5.8	8.4	4	7	5.8	6.7	8.0	7.3	2.5	10.0	8.2	7.5	6.2	8.0	4	7		
LSD (5%)				1.2	0.8	0.4	2.7	1.0	1.0	1.3	2.2	0.2	1.6	70	1128	1.9	1.3	0.6	5.9	1.7	1.5	2.5	3.3	0.3	2.6	123	1835		

2 Year Averages 2016 - 2015										Ingham - Late										Ottawa - Late									
BRAND / HYBRID	RM	TRT	TRAIT	YIELD			% QUALITY			MILK 2006	YIELD			% QUALITY			MILK 2006												
				%DM	GT/A	DT/A	%STD	IVD	ADF		NDF	NDFFD	CP	STR	%DM	GT/A		DT/A	%STD	IVD	ADF	NDF	NDFFD	CP	STR				
DAIRYLAND SEED HI DF-3510SSX	110	C500	1,2,3,4,6	33.9	27.5	9.4	100	81.5	21.9	39.2	52.9	6.1	37.5	3261	31443	33.3	33.2	11.0	95	80.9	21.8	39.0	50.9	7.0	37.5	3216	35546		
DYNAGRO D50SS43	110	P500	1,2,3,4,6	42.6	24.4	10.3 **	98	82.7	17.9	35.8	51.8	6.4	42.8	3365	34724	35.4	33.4	11.9 **	99	80.1	20.9	37.8	47.4	7.6	39.5	3187	37534		
GOLDEN HARVEST G05T82-3122	105	C250	1,2,3,4,6	41.3	20.9	8.5	100	80.6	21.4	36.3	46.2	6.4	41.0	3233	27527	37.3	27.8	10.4	96	82.5	18.1	35.3	50.3	7.6	40.0	3348	35708		
GOLDEN HARVEST G07V88-3000C	107	C250	1,2,3,4,6	40.4	22.5	8.9	95	81.6	20.5	37.7	51.3	6.2	38.9	3281	28914	36.2	30.0	10.9	95	81.2	19.5	37.0	49.3	7.2	41.6	3259	35464		
NK Brand N53W-3122	105	C250	1,2,3,4,6	42.1	21.8	9.0	94	82.5	17.7	34.3	48.9	6.6	42.8	3362	31303	37.2	29.7	10.9	95	82.9	17.9	34.5	50.3	7.7	41.2	3376	36781		
NK Brand N61P-3000GT Brand	105	C250	1,2,3,4	40.5	23.4	9.3	94	82.4	17.6	33.9	47.9	6.4	43.5	3442	31506	37.5	27.2	10.0	91	82.0	18.8	34.4	47.7	7.0	42.0	3306	34087		
NuTechG2 GENETICS 5H-806™	106	P500	1,2,4	39.8	23.5	9.2	98	83.6	17.2	33.6	51.0	6.9	43.2	3433	31623	34.4	30.2	10.6	99	80.9	22.5	40.5	52.8	7.1	36.0	3203	33155		
NuTechG2 GENETICS 5F-709™	109	P500	1,2,4	39.0	24.7	9.5	99	81.8	17.3	33.6	45.9	6.6	43.3	3330	31672	36.1	31.0	11.2 *	99	82.0	18.5	35.7	49.2	7.5	41.1	3315	39013		
RENK RK776SSTX	107	P500	1,2,3,4,6	40.8	22.4	9.5	98	80.8	21.2	40.1	52.2	6.5	36.8	3209	30044	35.9	31.5	11.4 *	97	81.8	17.6	35.9	49.2	7.7	40.4	3302	36591		
RENK RK810SSTX	110	P500	1,2,3,4,6	38.6	23.4	9.0	99	83.4	16.5	33.4	50.3	6.3	43.7	3428	30940	37.2	30.3	11.2 *	100	81.9	17.1	35.1	48.3	7.1	41.5	3314	35723		
AVERAGE				39.9	23.5	9.3	97.5	82.1	18.9	35.8	49.8	6.5	41.4	3334	30970	36.1	30.4	10.9	96.5	81.6	19.2	36.5	49.5	7.4	40.1	3283	35960		
HIGHEST				42.6	27.5	10.3	100.0	83.6	21.9	40.1	52.9	6.9	43.7	3442	34724	37.5	33.4	11.9	99.9	82.9	22.5	40.5	52.8	7.7	42.0	3376	39013		
LOWEST				33.9	20.9	8.5	93.7	80.6	16.5	33.4	45.9	6.1	36.8	3209	27527	33.3	27.2	10.0	90.9	80.1	17.1	34.4	47.4	7.0	36.0	3187	33155		
CV (%)				6.4	7.3	8.6	4.3	2.9	11.3	8.5	11.4	6.5	8.0	4	8	6.9	6.2	8.4	5.5	2.6	11.8	8.2	8.6	4.8	8.4	4	7		
LSD (5%)				2.2	1.3	0.6	3.3	2.0	1.6	2.4	4.7	0.4	2.9	123	1991	2.1	1.6	0.8	4.4	1.7	1.8	2.4	3.5	0.3	2.9	119	2298		

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

IOSCO, MENOMINEE (LATE) & OSCEOLA COUNTY SILAGE TRIALS (105 Day and Earlier)

TABLE 9.

BRAND / HYBRID	RM	TRT	TRAIT	TRIAL AVERAGE												IOSCO																							
				YIELD						%QUALITY						MILK 2006						YIELD						%QUALITY						MILK 2006					
				%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
DAIRYLAND SEED H1DF-3188RA	88	C500	1,2,3,4,6	51.5	17.8	9.0	98	83.1	30.2	28.5	43.7	8.5	43.8	3397	31080	42.2	22.4	9.4	97	84.8	51.4	15.3	31.4	8.5	42.9	3520	33236												
DAIRYLAND SEED H1DF-3290-9	90	C500	1,2,3,4	44.3	19.5	8.5	98	82.0	30.2	30.2	42.6	8.1	42.1	3320	28422	40.3	26.2	10.6	**	84.6	50.0	15.9	30.9	8.5	44.2	3513	37057												
DAIRYLAND SEED H1DF-3197RA	97	C500	1,2,3,4,6	42.0	23.1	9.4	100	81.9	32.0	30.6	43.7	7.9	40.8	3304	30304	33.2	27.2	9.1	100	84.2	53.9	17.5	34.4	8.3	39.8	3457	31481												
DAIRYLAND SEED H1DF-3099-9	99	C500	1,2,3,4,6	39.4	25.9	10.1	**	99	81.8	29.8	30.0	43.8	8.0	41.6	3299	32185	36.1	28.6	10.1	*	82.8	52.7	18.6	36.2	8.6	39.7	3361	33936											
DAIRYLAND SEED H1DF-3700RA	100	C500	1,2,3,4,6	36.7	23.9	8.7	97	81.7	30.9	30.5	43.7	7.2	40.4	3294	28616	32.2	27.8	9.0	95	83.2	49.9	16.7	33.5	7.5	40.6	3413	32770												
DAIRYLAND SEED H1DF-3702-9	102	C500	1,2,3,4	36.3	27.1	9.7	*	97	83.7	31.9	30.0	46.2	7.7	39.9	3421	33276	32.6	29.6	9.7	*	85.8	56.0	16.2	32.3	8.3	41.5	3573	34538											
DAIRYLAND SEED DS-9403	103	C500	1,2,3,4,6	38.9	23.4	8.9	98	82.4	30.8	30.2	45.3	7.9	39.8	3373	30333	34.2	27.3	9.4	97	83.7	54.3	18.0	35.6	8.1	37.4	3421	32256												
DAIRYLAND SEED H1DF-3103-9	103	C500	1,2,3,4,6	37.8	27.7	10.3	**	99	81.6	30.2	30.5	43.9	7.9	39.8	3281	33234	31.6	32.6	10.5	*	82.6	51.8	18.5	36.1	8.4	38.2	3350	35012											
DYNAGRO D35SS58	95	P500	1,2,3,4,6	43.7	21.8	9.3	98	83.9	26.7	26.9	44.8	7.8	45.3	3456	32106	39.3	26.4	10.1	*	83.5	49.0	15.7	32.3	7.9	43.1	3439	34601												
DYNAGRO D37SS60	97	P500	1,2,3,4,6	41.1	22.8	9.4	99	83.1	30.2	29.8	45.6	7.8	41.2	3382	31501	32.9	26.4	8.9	99	84.2	52.4	17.0	33.3	7.9	41.6	3469	30731												
GOLDEN HARVEST G90Y04-3110A	92	C250	1,2,4,5,6	40.7	22.7	9.0	98	81.3	30.9	32.3	46.1	8.4	36.6	3241	30047	36.0	28.1	10.3	*	81.9	49.7	17.8	35.9	8.6	36.7	3312	34047												
GOLDEN HARVEST G95D32-3110	95	C250	1,2,4,6	40.2	23.0	9.4	99	79.9	29.0	31.3	41.1	7.4	37.2	3153	29931	39.0	27.6	10.6	**	82.2	43.4	15.5	31.5	8.0	43.0	3364	35472												
GOLDEN HARVEST G01P52-3122A	101	C250	1,2,3,4,5,6	37.5	23.8	8.8	99	81.6	29.8	30.9	45.2	8.0	37.8	3281	29678	32.9	27.5	9.1	98	82.3	48.7	17.2	34.5	8.3	38.0	3346	32521												
GREAT LAKES 4548S TXRIB	95	P500	1,2,3,6	44.7	22.1	9.6	99	83.1	28.7	28.4	45.3	7.8	42.2	3396	33315	33.9	26.7	9.1	99	82.7	52.9	19.2	36.7	7.9	37.6	3353	32359												
GREAT LAKES 4879S TXRIB	98	P500	1,2,3,6	40.6	24.3	9.6	99	83.7	28.0	27.8	45.3	7.9	42.1	3415	32638	33.4	28.2	9.4	100	83.1	51.5	18.8	34.9	8.1	36.9	3318	30985												
GREAT LAKES 5283S TXRIB	102	P500	1,2,3,6	39.9	25.8	10.0	*	99	82.7	28.8	29.8	45.0	7.6	41.4	3366	33764	33.1	30.0	9.9	*	83.6	49.7	17.0	32.6	7.9	41.6	3442	36402											
INTEGRA 4759R	97	A250	1	35.8	24.4	8.6	99	80.5	32.7	34.8	46.8	7.5	32.9	3143	27706	33.3	31.1	10.1	*	82.5	52.0	18.5	36.6	7.9	38.1	3340	33854												
INTEGRA 5209GSS	102	PV500	1,2,3,6	39.3	26.4	10.2	*	96	82.4	29.8	30.3	46.3	7.5	40.0	3335	34019	31.7	33.5	10.3	*	82.7	52.8	18.6	36.7	7.5	36.3	3350	34582											
MASTERS CHOICE MCT-3891	89	C250	1	52.0	17.7	8.9	100	81.9	29.4	29.9	44.1	8.0	42.0	3309	29336	46.5	22.0	10.4	*	83.4	49.6	15.2	33.0	8.3	42.7	3425	35466												
MASTERS CHOICE MCT-4632	96	C250	1,2,4,6	40.9	22.1	9.0	99	83.3	30.0	29.8	47.2	8.5	39.6	3356	30085	35.5	26.4	9.3	100	83.4	53.0	18.2	35.3	8.3	38.6	3404	31722												
MASTERS CHOICE MCT-5371	103	C250	1	38.5	25.4	9.7	*	98	83.6	29.8	28.3	44.9	7.6	40.4	3405	33704	34.9	28.5	10.0	*	84.4	54.2	17.4	34.1	7.9	36.7	3407	33847											
NK Brand N27P-3110A	92	C250	1,2,4,5,6	38.6	22.8	8.6	100	81.1	31.5	32.5	45.2	8.5	39.9	3234	28736	34.0	27.2	9.2	100	83.3	49.4	15.7	33.1	9.2	40.1	3412	33241												
NK Brand N35T-3110	95	C250	1,2,4,6	40.4	21.8	8.6	99	80.0	30.4	32.7	43.2	7.4	39.1	3174	27558	36.3	26.7	9.8	*	81.8	47.6	18.2	34.8	7.7	39.4	3318	31061												
NK Brand N45P-3122A	101	C250	1,2,3,4,5,6	37.9	24.5	9.2	99	82.4	30.6	31.5	47.4	8.1	36.1	3315	29995	34.7	27.4	9.5	99	82.7	51.9	18.5	35.9	8.1	35.9	3347	31787												
NuTech 5N-800™	100	P500	1,2,3,4	38.0	26.0	9.6	99	80.1	33.4	35.8	48.1	7.3	33.2	3141	30796	31.1	31.5	9.8	*	81.5	54.2	21.3	40.5	7.8	32.1	3242	31755												
NuTech 5N-406™	105	P500	1,2,3,4	34.1	29.7	10.0	*	98	81.2	28.7	30.5	44.2	7.9	38.0	3260	32153	28.1	32.5	9.1	94	81.3	51.1	20.1	38.3	7.8	34.3	3256	29566											
NuTech/G2 GENETICS 5F-701™	101	P500	1,2,4	40.5	22.8	9.0	99	84.1	31.0	29.7	48.1	7.2	43.7	3442	31446	31.9	28.6	9.2	99	84.2	54.5	18.1	34.7	7.3	40.4	3460	33175												
NuTech/G2 GENETICS 5H-502™	102	P500	1,2,4	35.9	26.4	9.5	94	82.5	28.8	30.0	46.0	7.7	39.4	3327	30722	34.1	29.1	9.9	*	82.3	50.6	18.7	35.9	7.8	35.3	3284	30477												
NuTech/G2 GENETICS 5F-504™	104	P500	1,2,4	37.0	26.5	9.6	99	82.8	30.4	29.9	46.0	7.6	39.5	3355	31522	31.6	30.5	9.7	*	83.2	52.8	18.6	35.6	7.9	38.0	3392	32729												
NuTech/G2 GENETICS 5F-906™	106	P500	1,2,4	34.6	28.4	9.8	*	97	82.7	29.1	29.3	44.3	8.1	40.1	3363	34096	30.6	31.0	9.5	97	83.7	51.3	17.1	33.4	8.6	39.7	3439	34161											
AVERAGE				40.0	24.0	9.3	98.4	82.2	30.1	30.4	45.1	7.8	39.9	3318	31077	34.6	28.3	9.7	98.1	83.2	51.4	17.6	34.7	8.1	39.0	3391	33161												
HIGHEST				52.0	29.7	10.3	99.8	84.1	33.4	35.8	48.1	8.5	45.3	3456	34096	46.5	33.5	10.6	100.0	85.8	56.0	21.3	40.5	9.2	44.2	3573	37057												
LOWEST				34.1	17.7	8.5	94.2	79.9	26.7	26.9	41.1	7.2	32.9	3141	27558	28.1	22.0	8.9	92.1	81.3	43.4	15.2	30.9	7.3	32.1	3242	29566												
CV (%)				7.4	6.0	9.5	3.1	2.7	11.8	8.3	8.6	5.0	9.6	4	7	7.3	4.7	9.0	4.1	1.9	6.6	8.5	6.5	4.6	7.6	3	7												
LSD (5%)				2.0	1.0	0.6	2.0	1.5	1.5	2.0	3.0	0.3	2.6	97	1384	3.0	1.6	1.0	4.8	1.8	4.0	1.8	2.7	0.4	3.5	125	2833												

2016		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	NDFFD	CP	STR	MK/IT	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFFD	CP	STR	MK/IT	MK/A		
DAIRYLAND SEED HIDE-3188RA	88	C500	1,2,3,4,6	63.0	14.0	9.2	97	78.6	26.7	40.1	46.5	8.3	40.4	3065	29655	49.3	17.1	8.4	100	86.0	12.6	30.0	53.3	8.8	48.1	3605	30348		
DAIRYLAND SEED HI DF-3290-9	90	C500	1,2,3,4	57.1	15.4	9.1	99	80.0	22.5	40.1	50.0	7.8	40.4	3147	28711	35.5	16.9	5.9	99	81.6	18.0	34.6	46.8	8.0	41.8	3301	19497		
DAIRYLAND SEED HIDE-3197RA	97	C500	1,2,3,4,6	51.3	19.0	9.7	99	78.1	24.5	39.8	45.0	7.5	39.7	3042	27137	41.5	23.2	9.5*	100	83.5	17.7	34.4	51.9	8.0	43.0	3414	32292		
DAIRYLAND SEED HI DF-3099-9	99	C500	1,2,3,4,6	46.9	23.8	11.2*	98	80.4	19.5	36.9	47.0	7.6	43.0	3206	32767	35.2	25.3	9.0	100	82.1	17.4	34.5	48.1	7.8	42.0	3331	29851		
DAIRYLAND SEED HIDE-3700RA	100	C500	1,2,3,4,6	44.6	20.4	9.1	96	79.8	25.1	37.6	46.1	6.8	41.3	3160	26653	33.3	23.4	8.0	100	82.1	17.7	37.1	51.5	7.1	39.3	3309	26423		
DAIRYLAND SEED HI DF-3702-9	102	C500	1,2,3,4	41.0	26.3	10.8*	99	82.4	19.7	37.2	52.7	7.3	39.6	3318	35759	35.3	25.4	8.8	100	83.0	20.0	36.6	53.7	7.5	38.7	3371	29532		
DAIRYLAND SEED DS-9403	103	C500	1,2,3,4,6	45.1	20.5	9.2	97	78.1	23.3	42.0	48.1	7.6	36.5	3132	29786	37.3	22.3	8.1	100	85.4	14.9	30.6	52.2	8.2	45.5	3565	28956		
DAIRYLAND SEED HIDE-3103-9	103	C500	1,2,3,4,6	45.1	24.4	11.0*	98	79.9	22.6	40.4	50.1	7.3	36.6	3139	34466	36.6	26.1	9.5*	100	82.2	16.3	32.7	45.6	7.9	44.7	3354	30225		
DYNAGRO D35S58	95	P500	1,2,3,4,6	48.7	18.7	9.1	95	83.1	16.1	33.4	49.3	7.5	46.9	3395	30787	43.2	20.3	8.7	100	85.1	14.9	31.7	52.8	7.9	46.0	3535	30930		
DYNAGRO D37S60	97	P500	1,2,3,4,6	50.0	19.3	10.1	98	79.5	23.0	41.8	50.7	7.3	35.6	3102	32660	40.3	22.5	9.1*	100	85.6	15.4	30.6	52.9	8.1	46.4	3576	31113		
GOLDEN HARVEST G90Y04-3110A	92	C250	1,2,4,5,6	48.0	18.6	8.8	97	78.3	26.5	46.8	53.6	7.6	30.3	2974	28214	38.1	21.3	8.1	100	83.6	16.5	32.2	49.0	8.9	42.9	3436	27880		
GOLDEN HARVEST G95D32-3110	95	C250	1,2,4,6	45.7	19.3	9.1	98	74.5	25.5	45.1	43.2	6.8	26.9	2729	25574	36.0	22.1	8.5	100	82.9	18.0	33.3	48.6	7.6	41.7	3366	28747		
GOLDEN HARVEST G01P52-3122A	101	C250	1,2,3,4,5,6	42.3	21.4	9.0	98	79.5	22.5	39.8	48.6	7.6	37.0	3122	28155	37.3	22.5	8.4	100	83.0	18.3	35.8	52.5	8.1	38.5	3375	28357		
GREAT LAKES 45-48TXRIB	95	P500	1,2,3,6	60.4	17.7	11.1*	100	82.8	16.6	32.7	47.4	7.4	45.6	3387	37474	39.9	22.0	8.7	100	83.9	16.6	33.5	51.7	8.1	43.4	3446	30113		
GREAT LAKES 4879SXRIB	98	P500	1,2,3,6	50.2	20.9	10.4*	97	84.1	14.8	30.8	48.2	7.6	47.2	3476	36022	38.3	23.7	8.9	100	84.0	17.6	34.0	53.0	7.9	42.1	3453	30909		
GREAT LAKES 5283SXRIB	102	P500	1,2,3,6	51.4	21.9	11.4*	97	80.9	20.4	38.6	50.4	7.3	40.5	3217	34884	35.2	25.6	8.7	100	83.8	16.3	33.9	52.0	7.7	42.1	3437	30007		
INTEGRA 4759R	97	A250	1	41.7	19.4	8.4	97	79.1	24.8	45.1	53.7	7.5	31.4	3042	25578	32.5	22.6	7.4	100	79.8	21.5	40.8	50.2	7.0	29.0	3047	23687		
INTEGRA 5209GSS	102	PV500	1,2,3,6	45.5	21.5	10.3	97	80.9	21.2	40.1	52.2	7.1	40.0	3199	32778	40.7	24.1	10.1**	100	83.8	15.6	32.3	49.9	7.8	43.8	3455	34697		
MASTERS CHOICE MCT-3891	89	C250	1	67.0	14.1	9.1	99	78.8	21.2	39.1	45.8	7.6	41.4	3091	26153	42.5	16.9	7.3	100	83.6	17.3	35.3	53.4	8.2	41.8	3410	26388		
MASTERS CHOICE MCT-4632	96	C250	1,2,4,6	46.9	18.7	9.1	97	83.7	17.1	36.2	54.9	8.2	44.7	3399	30944	40.3	21.2	8.5	100	82.9	19.7	35.1	51.4	9.0	35.6	3265	27589		
MASTERS CHOICE MCT-5371	103	C250	1	42.2	23.3	9.8	96	82.7	17.7	34.6	49.8	7.3	42.8	3361	34872	38.5	24.4	9.4*	100	83.8	17.4	33.0	50.8	7.4	41.7	3448	32391		
NK Brand N27P-3110A	92	C250	1,2,4,5,6	43.2	19.4	8.5	100	78.8	24.1	42.3	49.9	8.0	42.5	3056	26020	38.8	21.6	7.9	99	81.3	21.0	39.5	52.6	8.3	37.3	3236	26946		
NK Brand N35T-3110	95	C250	1,2,4,6	46.5	18.0	8.2	97	76.4	26.8	46.4	49.2	7.2	34.0	2880	23577	38.4	20.6	7.9	100	81.8	16.8	33.5	45.6	7.2	43.8	3325	28035		
NK Brand N45P-3122A	101	C250	1,2,3,4,5,6	41.0	22.5	9.3	98	81.1	21.9	40.7	53.6	7.8	34.4	3204	29661	37.9	23.6	8.9	100	83.3	18.0	35.4	52.9	8.4	37.9	3394	28536		
NuTech 5N-800™	100	P500	1,2,3,4	49.7	20.8	10.3	99	79.0	25.1	46.1	54.4	6.8	31.9	3025	31174	33.1	25.6	8.8	100	79.8	20.9	39.8	49.4	7.3	35.6	3155	29458		
NuTech 5N-406™	105	P500	1,2,3,4	39.2	29.2	11.5**	99	80.9	18.0	35.6	46.2	7.8	40.4	3241	37113	35.0	27.4	9.6*	100	81.4	17.0	35.9	48.2	8.2	39.2	3281	29779		
NuTech/G2 GENETICS 5F-701™	101	P500	1,2,4	47.8	18.2	8.8	98	82.6	21.9	39.6	56.1	7.0	44.0	3304	29124	41.9	21.6	9.0	100	85.4	16.6	31.3	53.4	7.5	46.6	3562	32037		
NuTech/G2 GENETICS 5H-502™	102	P500	1,2,4	38.8	25.5	9.9	88	83.3	17.7	34.5	51.5	7.7	43.0	3395	31967	34.7	24.7	8.6	94	81.9	18.0	36.7	50.6	7.7	40.0	3300	29721		
NuTech/G2 GENETICS 5F-504™	104	P500	1,2,4	43.4	21.5	9.3	99	81.5	20.0	36.7	49.7	7.3	38.3	3237	29960	35.9	27.3	9.8*	99	83.8	18.5	34.3	52.7	7.5	42.0	3437	31878		
NuTech/G2 GENETICS 5F-906™	106	P500	1,2,4	37.7	27.7	10.4*	98	80.1	20.4	37.8	47.3	7.4	38.5	3176	33394	35.4	26.7	9.5*	98	84.3	15.7	32.9	52.2	8.4	42.3	3474	34734		
AVERAGE				47.4	20.7	9.7	97.6	80.3	21.6	39.3	49.7	7.5	39.2	3174	30701	37.9	22.9	8.6	99.7	83.1	17.4	34.4	51.0	7.9	41.4	3389	29369		
HIGHEST				67.0	29.2	11.5	100.0	84.1	26.8	46.8	56.1	8.3	47.2	3476	37474	49.3	27.4	10.1	100.0	86.0	21.5	40.8	53.7	9.0	48.1	3605	34734		
LOWEST				37.7	14.0	8.2	88.2	74.5	14.8	30.8	43.2	6.8	26.9	2729	23577	32.5	16.9	5.9	94.4	79.8	12.6	30.0	45.6	7.0	29.0	3047	19497		
CV (%)				7.2	6.7	9.4	3.2	3.6	14.4	9.4	11.2	5.0	12.1	6	6	6.8	6.5	9.3	1.1	2.3	9.9	8.4	7.6	5.4	8.8	4	6		
LSD (5%)				4.0	1.6	1.1	3.6	3.4	3.7	4.3	6.5	0.4	5.6	218	2273	3.1	1.8	1.0	1.3	2.2	2.0	3.4	4.6	0.5	4.3	158	2188		

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

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

2016		TRIAL AVERAGE											Alger														
BRAND / HYBRID	RM	TRT	TRAIT	YIELD			% QUALITY				MILK 2006			YIELD			% QUALITY				MILK 2006						
				%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
GREAT LAKES 4250STXRIB	92	P500	1,2,3,6	37.5	20.9	7.5*	97	81.7	20.3	38.0	51.5	7.8	38.8	3278	25351	26.1	24.7	6.4	98	83.4	20.0	37.5	55.7	8.0	35.2	3381	22968
GREAT LAKES 4548STXRIB	95	P500	1,2,3,6	35.6	22.5	7.2	99	81.6	19.7	37.4	50.6	7.5	38.4	3284	24004	22.1	27.4	6.0	99	82.0	22.0	40.7	55.9	7.3	30.8	3271	19530
GREAT LAKES 4879STXRIB	98	P500	1,2,3,6	32.1	24.9	7.7*	97	81.9	21.4	39.8	54.5	7.1	35.3	3283	25171	23.2	29.3	6.6	96	82.4	22.0	41.5	57.5	7.0	29.9	3290	21582
INTEGRA 4759R	97	A250	1	31.0	25.5	7.6*	98	80.5	23.4	43.5	55.1	6.9	31.1	3179	23836	23.0	32.6	7.5**	99	79.5	25.1	46.2	55.7	7.0	26.3	3126	22246
INTEGRA 5209GSS	102	PV500	1,2,3,6	31.2	26.0	7.8*	97	81.4	22.1	41.6	55.0	7.1	31.6	3166	25541	21.7	28.5	6.2	96	80.3	25.1	46.0	57.2	6.9	23.6	2988	18473
MYCOGEN 2V357	93	C500	1,2,3,4,6	39.8	19.6	7.4*	98	82.0	19.2	36.7	50.9	7.8	40.2	3326	24970	26.5	25.2	6.7	99	82.1	20.7	39.5	54.6	7.5	35.5	3330	22303
NuTech X5V-9901™	99	P500	1,2,3,4,14	37.4	22.0	7.7*	98	82.5	20.0	39.4	55.5	7.5	36.2	3328	25879	24.7	27.0	6.7	97	83.5	20.6	39.6	58.3	7.6	33.0	3410	21352
NuTechG2 GENETICS 5F-196™	96	P500	1,2,4	35.7	22.6	7.9**	99	82.9	19.4	36.9	53.4	7.2	39.3	3378	27207	26.2	26.0	6.8*	100	82.6	19.6	38.5	54.9	7.0	38.0	3374	24539
NuTechG2 GENETICS 5F-701™	101	P500	1,2,4	33.7	24.1	7.7*	99	83.3	19.7	37.0	54.4	7.3	38.7	3400	26460	23.1	28.6	6.6	97	82.2	23.1	42.1	57.8	7.2	30.8	3315	21956
AVERAGE				34.9	23.1	7.6	98.1	82.0	20.6	38.9	53.4	7.4	36.7	3294	25380	24.1	27.7	6.6	97.8	82.0	22.0	41.3	56.4	7.3	31.4	3276	21661
HIGHEST				39.8	26.0	7.9	99.4	83.3	23.4	43.5	55.5	7.8	40.2	3400	27207	26.5	32.6	7.5	99.7	83.5	25.1	46.2	58.3	8.0	38.0	3410	24539
LOWEST				31.0	19.6	7.2	97.0	80.5	19.2	36.7	50.6	6.9	31.1	3179	23836	21.7	24.7	6.0	95.5	79.5	19.6	37.5	54.6	6.9	23.6	2988	18473
CV (%)				8.0	6.2	12.6	2.8	2.3	10.1	6.7	7.3	5.2	8.1	4	7	6.4	5.0	9.2	2.9	1.7	7.2	6.1	2.7	4.9	7.4	3	6
LSD (5%)				1.9	1.0	0.6	1.8	1.3	1.4	1.8	2.7	0.3	2.0	85	1175	1.9	1.7	0.7	3.4	1.7	1.9	3.1	1.8	0.4	2.8	122	1584

2 Year Averages 2016 - 2015		TRIAL AVERAGE											Alger														
BRAND / HYBRID	RM	TRT	TRAIT	YIELD			% QUALITY				MILK 2006			YIELD			% QUALITY				MILK 2006						
				%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
GREAT LAKES 4548STXRIB	95	P500	1,2,3,6	33.4	23.4	7.4*	97	82.5	18.9	37.5	53.1	7.5	37.5	3309	24925	26.5	23.9	6.0*	94	83.6	19.9	38.9	57.9	7.3	31.3	3275	19704
GREAT LAKES 4879STXRIB	98	P500	1,2,3,6	30.8	25.3	7.6**	96	82.7	20.4	39.8	56.4	7.1	34.9	3340	25533	25.3	25.8	6.3**	91	83.2	21.3	41.4	59.4	7.1	29.9	3348	21602
NuTechG2 GENETICS 5F-196™	96	P500	1,2,4	34.2	21.9	7.4*	87	83.1	19.0	37.7	55.3	7.3	38.7	3402	25939	29.2	19.7	5.6	70	83.8	18.4	37.8	57.1	7.2	37.4	3462	20798
AVERAGE				32.8	23.5	7.5	93.4	82.8	19.5	38.3	54.9	7.3	37.0	3350	25465	27.0	23.1	6.0	85.1	83.5	19.9	39.4	58.1	7.2	32.8	3361	20701
HIGHEST				34.2	25.3	7.6	97.3	83.1	20.4	39.8	56.4	7.5	38.7	3402	25939	29.2	25.8	6.3	94.4	83.8	21.3	41.4	59.4	7.3	37.4	3462	21602
LOWEST				30.8	21.9	7.4	86.8	82.5	18.9	37.5	53.1	7.1	34.9	3309	24925	25.3	19.7	5.6	70.2	83.2	18.4	37.8	57.1	7.1	29.9	3275	19704
CV (%)				7.1	6.5	11.0	9.7	2.3	9.3	6.8	6.9	5.1	7.6	4	7	5.9	6.4	10.0	12.4	1.8	7.3	6.7	3.3	5.3	7.4	4	7
LSD (5%)				1.1	0.7	0.4	4.4	0.9	0.9	1.3	1.8	0.2	1.3	62	900	1.3	1.4	0.5	9.5	1.2	1.3	2.3	1.6	0.3	2.0	98	1304

2016			Delta										Menominee - Early														
BRAND / HYBRID	RM	TRT	TRAIT	YIELD					% QUALITY					YIELD					% QUALITY								
				%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	MILK 2006	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T
GREAT LAKES 4250STXRIB	92	P500	1,2,3,6	33.7	20.8	7.0	97	83.3	16.3	32.2	47.8	7.6	45.0	3432	24121	52.7	17.1	9.0	97	78.3	24.5	44.4	51.2	8.0	36.3	3021	28965
GREAT LAKES 4548STXRIB	95	P500	1,2,3,6	31.9	23.0	7.3	100	81.8	18.3	35.2	48.3	7.4	40.7	3322	25839	52.9	17.2	8.2	98	81.1	18.9	36.1	47.6	7.8	43.9	3260	26643
GREAT LAKES 4879STXRIB	98	P500	1,2,3,6	31.4	24.6	7.7	97	82.3	21.3	38.7	54.2	6.7	36.4	3322	25491	41.9	21.0	8.8	99	81.2	21.0	39.3	52.0	7.5	39.6	3237	28439
INTEGRA 4759R	97	A250	1	29.6	22.6	6.7	99	82.0	21.7	40.7	55.7	6.8	33.7	3285	20574	40.6	21.5	8.7	96	80.0	23.4	43.6	54.0	7.1	33.2	3125	28688
INTEGRA 5209GSS	102	PV500	1,2,3,6	27.2	27.9	7.5	99	81.2	22.7	42.5	55.8	7.0	31.6	3221	24023	44.7	21.5	9.6	96	82.6	18.4	36.4	52.1	7.4	39.8	3350	34128
MYCOGEN 2V357	93	C500	1,2,3,4,6	38.2	19.4	7.4	99	83.6	17.0	34.1	51.9	7.5	42.1	3439	25943	54.6	14.1	8.1	97	80.3	19.9	36.5	46.2	8.5	43.1	3270	26664
NuTech X8V-9901™	99	P500	1,2,3,4,14	32.1	21.5	6.8	98	83.9	17.6	35.8	55.0	7.0	40.2	3445	23443	55.5	17.6	9.7	99	80.0	21.9	42.9	53.4	7.9	35.5	3131	32843
NuTechG2 GENETICS 5F-196™	96	P500	1,2,4	35.9	21.9	7.9	100	82.4	19.9	36.4	51.4	7.1	39.4	3347	25073	45.1	20.0	8.9	99	83.6	18.7	35.7	54.0	7.6	40.6	3412	32008
NuTechG2 GENETICS 5F-701™	101	P500	1,2,4	31.4	24.1	7.6	100	83.1	20.5	38.1	55.4	7.1	36.9	3371	26238	46.5	19.5	8.9	99	84.6	15.6	30.9	50.0	7.6	48.6	3514	31185
AVERAGE				32.4	22.8	7.3	98.8	82.6	19.5	37.1	52.8	7.1	38.4	3354	24527	48.3	18.8	8.9	97.7	81.3	20.2	38.4	51.2	7.7	40.1	3251	29951
HIGHEST				38.2	27.9	7.9	100.0	83.9	22.7	42.5	55.8	7.6	45.0	3445	26238	55.5	21.5	9.7	98.9	84.6	24.5	44.4	54.0	8.5	48.6	3514	34128
LOWEST				27.2	19.4	6.7	96.6	81.2	16.3	32.2	47.8	6.7	31.6	3221	20574	40.6	14.1	8.1	95.8	78.3	15.6	30.9	46.2	7.1	33.2	3021	26643
CV (%)				7.0	6.4	11.0	1.7	2.3	9.5	6.9	8.9	5.2	8.3	4	10	7.6	7.3	15.4	3.4	2.7	12.5	7.1	9.1	5.1	8.0	4	7
LSD (5%)				2.8	1.8	1.0	2.0	2.3	2.3	3.1	5.7	0.5	3.9	152	2924	4.6	1.7	1.7	4.1	2.7	3.1	3.3	5.6	0.5	4.0	175	2562

2 Year Averages 2016 - 2015			Delta										Menominee - Early														
BRAND / HYBRID	RM	TRT	TRAIT	YIELD					% QUALITY					YIELD					% QUALITY								
				%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	MILK 2006	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T
GREAT LAKES 4548STXRIB	95	P500	1,2,3,6	31.0	24.3	7.5	99	82.6	18.1	36.7	52.5	7.5	39.1	3374	26132	42.9	21.9	8.5	99	81.3	18.7	36.7	49.1	7.7	42.1	3279	28938
GREAT LAKES 4879STXRIB	98	P500	1,2,3,6	29.9	25.8	7.7	98	83.1	19.7	38.8	56.4	7.0	36.2	3388	26062	37.1	24.2	8.8	99	81.7	20.3	39.2	53.4	7.3	38.5	3284	28934
NuTechG2 GENETICS 5F-196™	96	P500	1,2,4	33.9	23.7	8.0	97	82.8	19.4	37.7	54.3	7.0	38.3	3382	27266	39.5	22.2	8.6	93	82.8	19.2	37.7	54.4	7.6	40.3	3362	29754
AVERAGE				31.6	24.6	7.7	98.1	82.8	19.1	37.7	54.4	7.2	37.9	3381	26486	39.8	22.8	8.6	97.1	82.0	19.4	37.9	52.3	7.5	40.3	3308	29209
HIGHEST				33.9	25.8	8.0	99.0	83.1	19.7	38.8	56.4	7.5	39.1	3388	27266	42.9	24.2	8.8	99.4	82.8	20.3	39.2	54.4	7.7	42.1	3362	29754
LOWEST				29.9	23.7	7.5	97.0	82.6	18.1	36.7	52.5	7.0	36.2	3374	26062	37.1	21.9	8.5	93.3	81.3	18.7	36.7	49.1	7.3	38.5	3279	28934
CV (%)				6.6	5.6	9.8	2.8	2.3	8.8	6.9	8.0	4.7	7.2	4	9	7.0	7.4	12.2	3.3	2.6	11.1	6.9	8.6	4.9	7.9	4	7
LSD (5%)				1.8	1.1	0.6	2.3	1.6	1.4	2.2	3.6	0.3	2.3	110	1957	2.6	1.3	0.9	2.7	1.8	1.9	2.2	3.7	0.3	2.7	118	1873

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

TABLE 9 - Continued from page 43. IOSCO, MENOMINEE (LATE) & OSCEOLA COUNTY SILAGE TRIALS (105 Day and Earlier) ZONE 4

2 Year Averages 2016 - 2015		Iosco																									
		TRIAL AVERAGE							YIELD								MILK 2006										
		BRAND / HYBRID	RM	TRT	TRAIT	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	MDFD	CP	STR	MK/T	MK/A										
DAIRYLAND SEED HI DF-3099-9	99	C500	1,2,3,4,6	33.0	26.6	8.8*	95	82.5	35.5	27.7	44.2	88	37.8	3349	29466	31.9	26.7	8.6*	97	82.8	53.3	17.8	36.9	9.8	37.2	3368	28793
DAIRYLAND SEED HI DF-3702-9	102	C500	1,2,3,4	30.7	26.4	8.1	93	84.2	38.7	28.0	45.3	85	37.2	3458	28558	29.3	26.5	7.9	94	85.3	57.5	17.6	34.6	9.6	38.9	3541	28364
DYNAGRO D37SS60	97	P500	1,2,3,4,6	35.4	22.5	8.0	89	85.0	36.0	24.9	44.0	84	42.1	3536	29567	31.5	23.6	7.6	100	85.1	55.7	16.6	33.6	8.9	40.8	3538	27548
GOLDEN HARVEST G95D32-3110	95	C250	1,2,4,6	35.3	24.4	8.6*	100	82.9	33.6	25.5	40.4	7.9	39.7	3347	29038	35.3	24.4	8.3*	100	83.8	48.6	15.3	31.5	8.6	40.5	3396	27992
GREAT LAKES 4548STXRIB	95	P500	1,2,3,6	35.6	23.7	8.4*	98	84.1	36.3	26.3	44.5	8.0	38.4	3417	28848	33.1	24.1	8.0	99	84.3	55.4	17.6	35.1	8.5	37.0	3414	28043
GREAT LAKES 4879STXRIB	98	P500	1,2,3,6	34.7	25.1	8.7*	97	84.2	36.6	26.9	44.4	8.1	38.8	3452	29778	32.3	25.8	8.3*	100	84.7	55.2	17.7	34.2	8.7	37.9	3469	28663
GREAT LAKES 5283STXRIB	102	P500	1,2,3,6	33.5	26.9	8.9**	99	84.5	35.5	25.6	43.7	8.0	40.5	3501	31523	31.6	28.0	8.8*	100	84.9	54.5	16.7	33.3	8.6	39.8	3527	32015
NK Brand N35T-3110	95	C250	1,2,4,6	37.6	22.5	8.4*	100	83.2	34.5	25.8	41.5	7.8	41.1	3420	28699	35.3	22.7	8.1	100	83.8	51.9	17.1	33.7	8.6	40.4	3459	27073
NuTech 5N-406™	105	P500	1,2,3,4	30.7	29.2	8.9**	92	82.7	37.5	28.2	43.4	8.1	35.0	3310	29246	29.0	29.9	8.6*	96	84.1	56.1	18.5	36.1	8.9	34.3	3403	29360
NuTech/G2 GENETICS 5H-502™	102	P500	1,2,4	33.6	24.5	8.3	97	83.0	35.3	27.3	44.0	8.4	37.1	3356	28138	31.9	24.8	8.0	100	83.3	52.6	18.0	35.2	9.3	34.5	3340	25600
AVERAGE				34.0	25.2	8.5	96.0	83.6	35.9	26.6	43.5	8.2	38.8	3415	29286	32.5	25.5	8.3*	98.4	84.3	53.9	17.2	34.1	8.9	38.7	3458	28645
HIGHEST				37.6	29.2	8.9	99.8	85.0	38.7	28.2	45.3	8.8	42.1	3536	31523	36.8	29.9	8.9*	99.7	85.5	57.5	18.8	36.9	9.8	44.4	3580	32015
LOWEST				30.7	22.5	8.0	89.4	82.5	33.6	24.9	40.4	7.8	35.0	3310	28138	29.0	22.7	7.6*	94.2	82.8	48.6	15.3	30.6	8.5	33.4	3340	25600
CV (%)				6.9	7.1	9.6	7.9	2.4	10.9	7.9	7.5	5.4	9.0	4	7	6.6	5.5	8.6*	4.6	1.9	6.3	9.0	7.1	6.1	7.8	3	6
LSD (5%)				1.4	0.9	0.5	4.1	1.1	1.1	1.5	2.1	0.2	1.9	72	1064	1.8	1.2	0.6*	3.7	1.3	2.7	1.3	2.0	0.4	2.5	92	1628

2 Year Averages 2016 - 2015		Osceola																									
		Menominee - Late							YIELD								MILK 2006										
		BRAND / HYBRID	RM	TRT	TRAIT	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	MDFD	CP	STR	MK/T	MK/A										
DAIRYLAND SEED HI DF-3099-9	99	C500	1,2,3,4,6	34.1	26.5	9.0*	92	82.3	17.7	36.5	51.4	7.7	38.3	3329	30139	34.1	26.5	9.0*	92	82.3	17.7	36.5	51.4	7.7	38.3	3329	30139
DAIRYLAND SEED HI DF-3702-9	102	C500	1,2,3,4	32.2	26.4	8.4*	91	83.1	19.9	38.5	56.0	7.4	35.6	3375	28752	32.2	26.4	8.4*	91	83.1	19.9	38.5	56.0	7.4	35.6	3375	28752
DYNAGRO D37SS60	97	P500	1,2,3,4,6	39.3	21.3	8.5*	79	85.0	16.2	33.1	54.4	7.9	43.5	3533	31585	39.3	21.3	8.5*	79	85.0	16.2	33.1	54.4	7.9	43.5	3533	31585
GOLDEN HARVEST G95D32-3110	95	C250	1,2,4,6	35.3	24.5	8.9*	100	81.9	18.6	35.6	49.2	7.3	38.9	3298	30084	35.3	24.5	8.9*	100	81.9	18.6	35.6	49.2	7.3	38.9	3298	30084
GREAT LAKES 4548STXRIB	95	P500	1,2,3,6	38.0	23.2	8.7*	98	83.9	17.2	35.0	53.8	7.5	39.9	3419	29653	38.0	23.2	8.7*	98	83.9	17.2	35.0	53.8	7.5	39.9	3419	29653
GREAT LAKES 4879STXRIB	98	P500	1,2,3,6	37.0	24.5	9.0*	95	83.7	18.1	36.0	54.7	7.5	39.8	3435	30892	37.0	24.5	9.0*	95	83.7	18.1	36.0	54.7	7.5	39.8	3435	30892
GREAT LAKES 5283STXRIB	102	P500	1,2,3,6	35.3	25.8	8.9*	98	84.2	16.6	34.5	54.0	7.4	41.1	3476	31030	35.3	25.8	8.9*	98	84.2	16.6	34.5	54.0	7.4	41.1	3476	31030
NK Brand N35T-3110	95	C250	1,2,4,6	39.9	22.2	8.7*	100	82.6	17.0	34.5	49.4	7.0	41.7	3381	30326	39.9	22.2	8.7*	100	82.6	17.0	34.5	49.4	7.0	41.7	3381	30326
NuTech 5N-406™	105	P500	1,2,3,4	32.4	28.5	9.1**	88	81.4	19.0	37.9	50.8	7.4	35.7	3217	29131	32.4	28.5	9.1**	88	81.4	19.0	37.9	50.8	7.4	35.7	3217	29131
NuTech/G2 GENETICS 5H-502™	102	P500	1,2,4	35.2	24.3	8.6*	94	82.7	18.1	36.6	52.9	7.6	39.7	3372	30675	35.2	24.3	8.6*	94	82.7	18.1	36.6	52.9	7.6	39.7	3372	30675
AVERAGE				36.2	24.2	8.7	93.8	83.1	17.8	35.7	52.5	7.5	39.7	3386	29855	36.2	24.2	8.7	93.8	83.1	17.8	35.7	52.5	7.5	39.7	3386	29855
HIGHEST				39.9	28.5	9.1	100.0	85.0	19.9	38.5	56.0	7.9	43.5	3533	31585	39.9	28.5	9.1	100.0	85.0	19.9	38.5	56.0	7.9	43.5	3533	31585
LOWEST				32.2	19.0	7.6	79.1	81.4	16.2	33.1	49.2	7.0	35.6	3217	26137	32.2	19.0	7.6	79.1	81.4	16.2	33.1	49.2	7.0	35.6	3217	26137
CV (%)				6.5	8.4	10.2	11.4	2.2	9.6	7.8	6.7	4.7	8.4	4	7	6.5	8.4	10.2	11.4	2.2	9.6	7.8	6.7	4.7	8.4	4	7
LSD (5%)				2.0	1.6	0.7	9.1	1.5	1.4	2.3	2.9	0.3	2.8	107	1819	2.0	1.6	0.7	9.1	1.5	1.4	2.3	2.9	0.3	2.8	107	1819

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

2016

FUNGICIDE EFFECTS ON MICHIGAN CORN PERFORMANCE

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Plots were established at the Michigan State University Agronomy Farm, East Lansing, MI. Corn variety 'P9807R' was planted on 19 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 12 Jun. Plots with stand counts higher than the desired population (34,848) were thinned on 1 Jul. Northern leaf blight (NLB) inoculum was applied to all plots on 15 Jun, by evenly spreading 92.5 lb of infested sorghum grain over the field. There were a total of 10 treatments and five replicates; fungicides were applied on 16 Jun (V5), 22 Jun (V6), 20 Jul (R1), 25 Jul (R1, timed for western bean cutworm control), and 4 Aug (R2). No irrigation was provided. Fungicides were applied with a hand-held spray boom pressurized with CO₂ at 40 psi. The boom consisted of six nozzles (Teejet 11001VS) spaced 20 in apart and was calibrated to apply 15 gal/A. Gray leaf spot (GLS) and NLB severities were determined by estimating the percent leaf area with lesions on the ear leaf and ear leaf +1 from 10 plants in the

center two rows (five from each row) for each plot on 12 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 21 Oct. Yields were adjusted to 15.5% moisture. Data were analyzed using SAS 9.3 PROC MIXED method (SAS Institute, Cary, NC).

NLB pressure was high, while GLS incidence was very low. All treatments, except the single application of Aproach Prima at R1 and the low rate of Stratego YLD at V6, resulted in significantly lower DIX scores for NLB on the ear leaf, compared to the non-treated. Results were similar for the ear leaf +1, except that none of the Stratego YLD treatments significantly reduced DIX values. For GLS, both the double application of Stratego YLD and the Zolera FX treatments significantly reduced DIX scores, compared to the non-treated. There were no significant differences noted for GLS on the ear leaf +1 ratings. Similar to previous years, despite some disease suppression, no products resulted in significantly higher yields, compared to the non-treated.

Treatment, rate/A	Plant stage (date)	DIX ^z values				Yield (bu/A)
		Ear Leaf		Ear Leaf +1		
		NLB ^y	GLS	NLB	GLS	
Non-treated		30.0 a	0.9 ab	33.9 a	0.9	200.96
Aproach Prima 2.34 SC, 6.8 fl oz	R1 (20 Jul)	17.3 ab	0.9 ab	16.0 a-d	1.0	209.80
Aproach Prima 2.34 SC, 6.8 fl oz	R1 (20 Jul)					
Aproach 2.08 SC, 6 fl oz + Tilt 3.6 EC, 3 fl oz	R2 (4 Aug)	9.1 cd	0.9 ab	7.2 ef	0.9	209.38
Hero 1.24 SC, 6.4 fl oz + Preemptor 3.22 SC, 5 fl oz ^x	R1 (20 Jul)	10.2 cd	1.0 a	10.5 b-e	1.0	208.96
Hero 1.24 SC, 6.4 fl oz + Preemptor 3.22 SC, 5 fl oz ^x	R1 (25 Jul)	6.8 d	0.9 ab	4.3 f	0.9	204.42
Stratego YLD 4.18 SC, 2 fl oz	V6 (22 Jun)	29.9 a	0.9 ab	32.7 a	0.9	213.18
Stratego YLD 4.18 SC, 4 fl oz	R1 (20 Jul)	16.6 bc	0.8 bc	20.1 ab	0.8	216.88
Stratego YLD 4.18 SC, 2 fl oz	V6 (22 Jun)					
Stratego YLD 4.18 SC, 4 fl oz	R1 (20 Jul)	14.7 bc	0.8 c	18.0 abc	0.8	206.00
Trivapro 2.2 SE, 14.5 fl oz ^x	V5 (16 Jun) & R1 (20 Jul)	9.4 cd	0.8 abc	9.8 def	0.9	211.28
Zolera FX 3.34 SC, 5 fl oz	R1 (20 Jul)	15.3 bc	0.7 c	9.3 c-f	0.8	193.26
P-value		<0.0001	0.0080	<0.0001	0.1396	0.4339

^zDisease 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 0.25% v/v.

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THANK YOU TO OUR FARM COOPERATORS:

ZONE 1

Baker-Ladd Farms, Blaine Baker, Clayton
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ZONE 2

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ZONE 3

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ZONE 4/5

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