A3653

Wisconsin Corn Hybrid Performance Trials

Grain • Silage • Specialty • Organic

Kent Kohn, Thierno Diallo, and Joe Lauer

Department of Agronomy, College of Agricultural and Life Sciences, University of Wisconsin

University of Wisconsin-Extension

Wisconsin Crop Improvement Association

UW Extension
University of Wisconsin-Extension

2017

CONTENTS

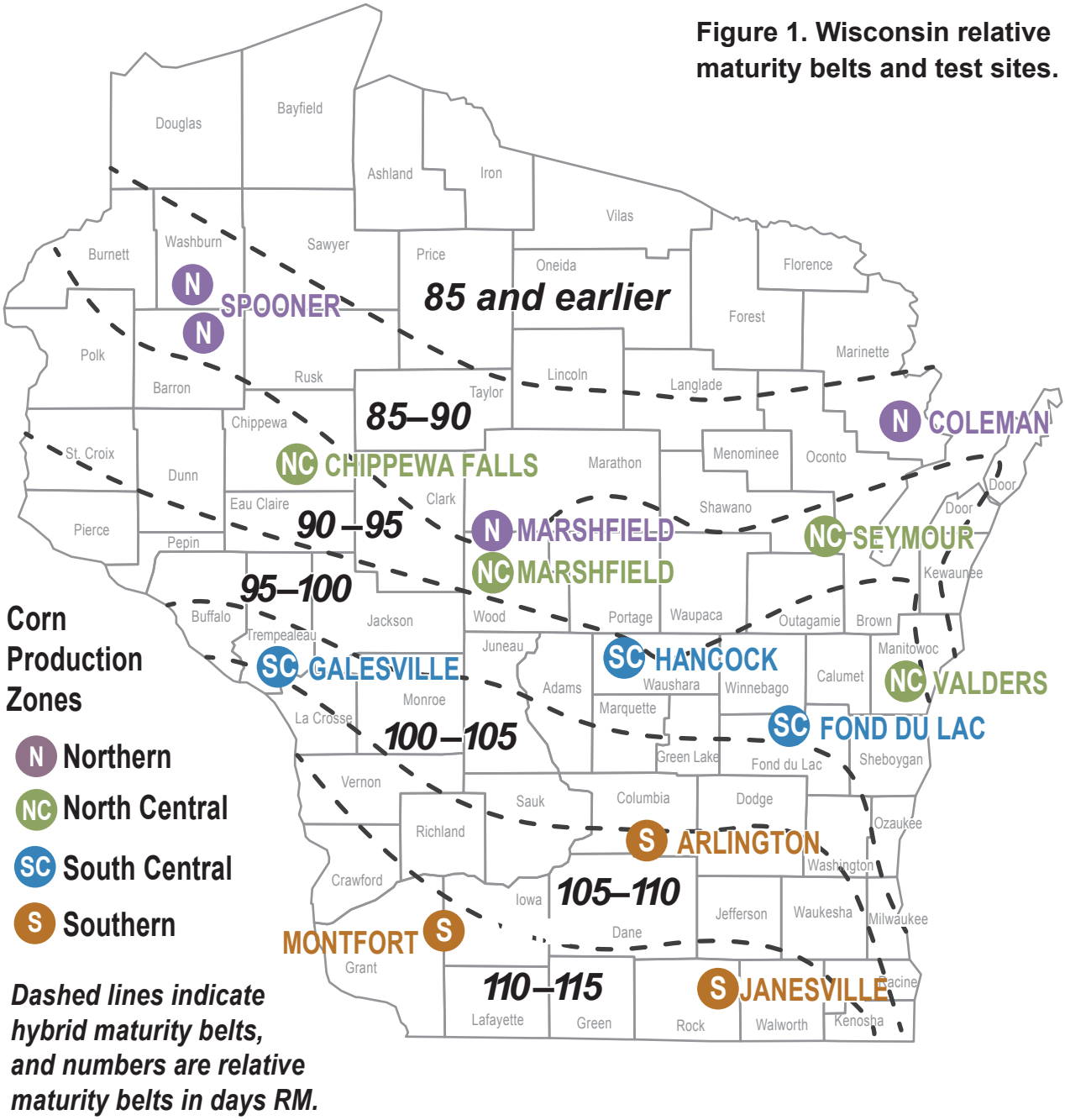
GRAIN TRIALS (CONTINUED)

SILAGE TRIALS

ORGANIC GRAIN TRIALS

HYBRID COMPARISONS OVER TIME

Figure 1. Wisconsin relative maturity belts and test sites.



Trait references

References to transgenic traits in this publication are for your convenience and are not an endorsement or criticism of one trait over other similar traits. Every attempt was made to ensure accuracy of traits in the hybrids tested. You are responsible for using traits according to the current label directions of seed companies. Follow directions exactly to protect the environment and people from misuse. Failure to do so violates the law.

INTRODUCTION

Every year, the University of Wisconsin-Extension and the University of Wisconsin–Madison College of Agricultural and Life Sciences conduct a corn evaluation program in cooperation with the Wisconsin Crop Improvement Association. The purpose of this program is to provide unbiased performance comparisons of hybrid seed corn for both grain and silage available in Wisconsin.

In 2017, grain and silage performance trials were planted at 14 locations in four production zones: the southern, south central, north central, and northern zones. Both seed companies and university researchers submitted hybrids. Companies with hybrids included in the 2017 trials are listed in Table 1. Specific hybrids and where they were tested are shown in Table 2. A summary of the transgenic traits tested in 2017 is shown in Table 3. A summary of seed treatment performance in 2017 is shown in Table 4. In the back of the report, hybrids tested over the past three years are listed in Table 23. At most locations, trials were divided into early- and late-maturity trials based on the hybrid relative maturities provided by the companies. The specific relative maturities separating early- and late-trials are listed in the tables.

Growing Conditions For 2017

Seasonal precipitation and temperature at the trial sites are shown in Table 5. The 2017 growing season was cooler and wetter than the 30-year normal from most of the season, especially in northern Wisconsin. The planting season was significantly delayed in NE Wisconsin. Most trial plots were established by early May, except for the Valders site. The Coleman and Marshfield sites were wet causing some stand and weed control issues. Stand establishment was excellent at other locations. An exceptionally warm and dry fall allowed the corn crop to catchup and mature, although grain moisture was higher than previous years. A killing frost was later than normal. Little disease and insect pressure was observed in trial plots. Little lodging occurring in most trials.

Cultural Practices

The seedbed at each location was prepared by either conventional or conservation tillage methods. Seed treatments of hybrids entered into the trials are described in Table 4. Fertilizer was applied as recommended by soil tests. Herbicides were applied for weed control and supplemented with cultivation when necessary. Corn rootworm insecticide was applied in all trials. Information on cultural practices for each location is summarized in Table 6.

Planting

A precision vacuum corn planter using GIS technology was used at all locations except Spooner. Two-row plots, 25 feet long, were planted at all locations. Plots were not hand-thinned. Each hybrid was grown in at least three separate plots (replicates) at each location to account for field variability.

Harvesting

Grain: Two-row plots were harvested with a self-propelled corn combine. Lodged plants and/or broken stalks were counted, plot grain weights and moisture contents were measured, and yields were calculated and adjusted to 15.5% moisture. Test weight was measured on each plot.

Silage: Whole plant (silage) plots were harvested using a tractor-driven, three-point mounted one-row chopper. One row was analyzed for whole-plant yield and quality. Plot weight and moisture content were measured, and yields were adjusted to tons of dry matter per acre. A sub-sample was collected and analyzed using near infrared spectroscopy.

PRESENTATION OF DATA

Yield results for individual location trials and for multi-location averages are listed in Tables 7 through 22. Within each trial, hybrids are ranked by moisture averaged over all trials conducted in that zone during 2017. Yield data for both 2016 and 2017 are provided if the hybrid was entered in both years. Starting in 2009, a nearest neighbor analysis of variance for all trials as described by Yang et al. (2004, Crop Science 44:49–55) and Smith and Casler (2004, Crop Science 44:56–62) is included. A hybrid index (Table 2) lists relative maturity ratings, specialty traits, seed treatments, and production zones tested for each hybrid.

Relative maturity

Seed companies use different methods and standards to classify or rate the maturity of corn hybrids. To provide corn producers a "standard" maturity comparison for the hybrids evaluated, the average grain or silage moisture of all hybrids rated by the company's relative maturity rating system are shown in each table as shaded rows. In these Wisconsin results tables, hybrids with lower moisture than a particular relative maturity average are likely to be earlier than that relative maturity, while those with higher grain moisture are most likely later in relative maturity. Company relative maturity ratings are rounded to 5-day increments.

The Wisconsin Relative Maturity rating system for grain (GRM) and silage (SRM) compares the harvest moisture of a grain or silage hybrid to the average moisture of company ratings using linear regression. Each hybrid is rated within the trial and averaged over all trials in a zone. Maturity ratings (company, GRM, and SRM) can be found in Table 2.

Grain performance index

Three factors—yield, moisture, and standability—are of primary importance in evaluating and selecting corn hybrids. A performance index (PI), which combines these factors in one number, was calculated for multi-location averages for grain trials. This index evaluates yield, moisture, and lodged stalks at a 50 (yield): 35 (moisture): 15 (lodged stalks) ratio.

The PI was computed by converting the yield, moisture (dry matter), and upright stalk values of each hybrid to a percentage of the test average. Then the PI for each hybrid that appears in the tables was calculated as follows:

$$\text{Performance Index (PI)} =$$
$$[(\text{Yield} \times 0.50) + (\text{Dry matter} \times 0.35) +$$
$$(\text{Upright stalks} \times 0.15)] / 100$$

Silage performance index

Corn silage quality was analyzed using near infrared spectroscopy equations derived from previous work. Plot samples were dried, ground, and analyzed for crude protein (CP), acid detergent fiber (ADF), neutral detergent fiber (NDF), in-vitro cell wall digestibility (NDFD), in-vitro digestibility (IVD), and starch. Spectral groups and outliers were checked using wet chemistry analysis.

The **MILK2006** silage performance indices, milk per ton and milk per acre, were calculated using an adaptation by Randy Shaver (UW–Madison Department of Dairy Science) of the MILK91 model (Undersander, Howard, and Shaver; Journal Production Agriculture 6:231–235). In MILK2006, the energy content of corn silage was estimated using a modification of a published summative energy equation (Weiss and coworkers, 1992; Animal Feed Science Technology 39:95–110). In the modified summative equation, CP, fat, NDF, starch, and sugar plus organic acid fractions were included along with their corresponding total-tract digestibility coefficients for estimating the energy content of corn silage. Whole-plant dry matter content was normalized to 35% for all hybrids. The sample lab measure of NDFD was used for the NDF digestibility coefficient. Digestibility coefficients used for the CP, fat, and sugar plus organic acid fractions were constants. Dry matter intake was estimated using NDF and NDFD content assuming a 1,350-pound cow consuming a 30% NDF diet. Using National Research Council (NRC, 2001) energy requirements, the intake of energy from corn silage was converted to expected **milk per ton**. **Milk per acre** was calculated using milk per ton and dry matter yield per acre estimates (Schwab, Shaver, Lauer, and Coors, 2003; Animal Feed and Science Technology 109:1–18).

Least significant difference

Variations in yield and other characteristics occur because of variations in soil and growing conditions that lower the precision of the results. Statistical analysis makes it possible to determine, with known probabilities of error, whether a difference is real or whether it might have occurred by chance. Use the appropriate least significant difference (LSD) value at the bottom of the tables to determine true differences.

Least significant differences at the 10% level of probability are shown. Where the difference between two selected hybrids within a column is greater than or equal to the LSD value at the bottom of the column, you can be sure in nine out of ten cases that there is a real difference between the two hybrid averages. If the difference is less than the LSD value, the difference may still be real, but the experiment has produced no evidence of real differences. Hybrids that were not significantly lower in performance than the highest hybrid in a particular test are indicated with an asterisk (*).

HOW TO USE THE RESULTS

The results provide you with an independent, objective evaluation of the performance of unfamiliar hybrids that seed company sales representatives are promoting, as well as a comparison of these unfamiliar hybrids with competitive hybrids. Below are suggested steps to follow for selecting top performing hybrids for next year using these trial results:

1. **Use multi-location average data in shaded areas.** Consider single location results with extreme caution.
2. Begin with trials in the zone(s) nearest you.
3. Compare hybrids with similar maturities within a trial. You will need to divide most trials into at least two and sometimes three groups with similar average harvest moisture—within about a 2% range in moisture.

4. Make a list of five to 10 hybrids with highest 2016 performance index within each maturity group within a trial.
5. **Evaluate the consistency of the performance of the hybrids on your list** over the years and in other zones.
   a. Scan the 2017 results. **Be wary** of any hybrids on your list that had a 2017 PI of 100 or lower. Choose two or three of the remaining hybrids that have relatively high PIs for **both** 2017 and 2016.
   b. Check to see if the hybrids you have chosen were **entered in other zones.** (For example, some hybrids entered in the Southern Zone Trials, Tables 7 and 8, are also entered in the South Central Zone Trials, Tables 9 and 10.)
   c. **Be wary** of any hybrids with a PI of 100 or lower for 2017 or 2016 in any other zones.
6. Repeat this procedure with about three maturity groups to select top-performing hybrids with a range in maturity in order to spread weather risks and harvest time.
7. Observe the relative performance of the hybrids you have chosen based on these trial results in several other reliable, unbiased trials and be wary of any with inconsistent performance.
8. Consider including the hybrids you have chosen in your own test plot, primarily to evaluate the way hybrids stand after maturity, dry-down rate, grain quality, or ease of combine shelling or picking.
9. Remember that you don't know what weather conditions (rainfall, temperature) will be like next year. Therefore, the most reliable way to choose hybrids with greatest chance to perform best next year on your farm is to consider performance in both 2017 and 2016 over a wide range of locations and climatic conditions.

Note: You are taking a tremendous gamble if you make hybrid selection decisions based on 2017 yield comparisons in only one or two local test plots.

FOR MORE INFORMATION

Current and past versions of *Wisconsin Corn Hybrid Performance Trials* (A3653) are available in Microsoft Excel and Acrobat PDF formats at the Wisconsin Corn Agronomy website: corn.agronomy.wisc.edu. To obtain a printed copy, visit UW-Extension's Learning Store at learningstore.uwex.edu, where the most current version of *Wisconsin Corn Hybrid Performance Trials* (A3653) can be ordered or downloaded. For more information on the Wisconsin Crop Improvement Association, visit: wcia.wisc.edu.

Table 1. Companies included in the 2017 trials.

Brand	Company	Address	City	State	Zip	Website
AgriGold	AgriGold Hybrids	5381 Akin Road	St. Francisville	IL	62460	agrigold.com
Beck's	Beck's Hybrids	6767 East 276th Street	Atlanta	IN	46031	beckshybrids.com
Blue River Hybirds	Blue River Hybrids	2326 230th Street	Ames	IA	50014	blueriverorgseed.com
Brunner	Brunner Seed, Inc	W. 3850 US HWY 10	Durand	WI	54736	brunnerseed.com
Burrus	Burrus Bros and AssocGrowers	826 Arenzville Rd	Arenzville	IL	62611	hugheshybrids.com
Channel	Channel	26011 Gladiola Lane	Lanesboro	MN	55949	channel.com
Cornelius	Cornelius Seed	14760 317th Ave	Bellevue	IA	52031	corneliusseed.com
Dairyland	Dairyland Seed	P.O. Box 958	West Bend	WI	53095	dairylandseed.com
Dekalb	Monsanto	W. 4211 CTY RD H	Pine River	WI	54965	monsanto.com
Federal Hybrids	Federal Hybrids	P.O. Box 17	West Bend	IA	50597	federalhybrids.com
Foundation Direct	Foundation Direct Seeds	634 13th Avenue North	Onalaska	WI	54650	foundationorganicseed.com
Foundation Organic	Foundation Organic Seeds	634 13th Avenue North	Onalaska	WI	54650	foundationorganicseed.com
Frontiersmen	Frontiersmen Inc.	210 North Third Street	Kentland	IN	47951	frontiersmen.ag
Golden Harvest	Syngenta	11055 Wayzata Blvd	Minnetonka	MN	55305	syngenta.com
Great Lakes	Great Lakes Hybrids	9915 West M-21 Hwy	Ovid	MI	48866	greatlakeshybrids.com
InVision	Growmark, Inc	1701 Towanda Ave	Bloomington	IL	61701	fsseeds.com
Jung	Jung Seed Genetics, Inc	618 Warner Street	Randolph	WI	53956	jungseedgentics.com
Latham	Latham Hi-Tech Seed	131 180th Street	Alexander	IA	50420	lathamseeds.com
Legacy Seeds	Legacy Seeds, Inc	P.O. Box 68	Scandinavia	WI	54977	legacyseeds.com
Legend Seeds	Legend Seeds	P.O. Box 241	De Smet	SD	57231	legendseeds.net
LG Seeds	LG Seeds	22827 Shissler Road	Elmwood	IL	61529	lgseeds.com
Masters Choice	Masters Choice, Inc	305 West Vienna Street	Anna	IL	62906	seedcorn.com
Munson	Munson Hybrids	1262 Knox Rd 100 E	Galesburg	IL	61401	munsonhybrids.com
NK Brand	Syngenta	11055 Wayzata Blvd	Minnetonka	MN	55305	syngenta.com
Nu Tech/ G2 Genetics	Nu Tech Seed, LLC	2321 North Loop Drive, Suite 230	Ames	IA	50010	yieldleader.com
O'Brien	O'Brien Farms, Inc	552 Glenway Road	Brooklyn	WI	53521	obrienhybrids.com
PIP	Partners in Production, LLC	P.O Box 777	Sun Prairie	WI	53594	pipseeds.com
Power Plus	Burrus Bros and AssocGrowers	826 Arenzville Rd	Arenzville	IL	62611	hugheshybrids.com
Prairie Hybrids	Prairie Hybrids Seeds	27445 Hurd Road	Deer Grove	IL	61243	prairiehybrids.com
ProHarvest	Brunner Seed, Inc	W 3850 HWY 10	Durand	WI	54736	brunnerseeds.com
Renk	Renk Seed Co.	6809 Wilburn Road	Sun Prairie	WI	53590	renkseed.com
Spectrum	Spectrum Ag Holdings	P.O. Box 7	Linden	IN	47955	spectrumseed.com
Steyer Seeds	Steyer Seeds	6154 North County Road 33	Tiffin	OH	44483	steyerseeds.com
Terning Seeds	Terning Seeds	15365 60th Street SW	Cokato	MN	55321	terningseeds.com
Titan Pro	Titan Pro SCI	1301 S. 24th Street	Clear Lake	IA	50428	titanprosci.com
Tracy Seeds	Tracy Seeds, LLC	1805 S. State RD 140	Janesville	WI	53546	tracyseeds.com
Viking	Albert Lea Seed	1414 W. Main St./P.O. Box 127	Albert Lea	MN	56007	alseed.com
Wyffels	Wyffels Hybrid	13344 US HWY 6	Geneseo	IL	61254	wyffels.com

Table 2. Corn hybrids included in the 2017 trials. A star (*) indicates that the hybrid performed statistically similar to the highest hybrid for yield or performance index (P.I. or MILK2006) in one or more zones.

Brand hybrid	Technology: Traits †	Maturity Co.	Maturity GRM	Maturity SRM	Seed Trt. ‡	Tables
AgriGold						
A6179STXRIB	49: CB,LL,RR,RW	93	95		53	9
A6199STXRIB	49: CB,LL,RR,RW	95	96		53	9
* A624-11-3110	6: CB,LL,RR,wo	94	96	100	53	9,16*
A6257STXRIB	49: CB,LL,RR,RW	100	99		53	9
* A6267STXRIB	49: CB,LL,RR,RW	102	103	102	53	7,10*,16*
* A62820VT2PRO	21: CB,RR	98	98	100	53	9*,16*
A6283VT2RIB	50: CB,RR	101	100		53	10
* A62922STX	23: CB,LL,RR,RW	99	99	102	53	9*,16*
* A63031VT2RIBD1	68: CB,DT,RR	100	101	100	53	7,9,16*
* A6346VT2RIB	50: CB,RR	104	104	102	53	7,10*,16*
A6351STXRIB	49: CB,LL,RR,RW	105	103		53	7
* A63554VT2PRO	21: CB,RR	105	105		53	7*
A63655VT2PRO	21: CB,RR	106	106		53	8
* A63656STX	23: CB,LL,RR,RW	106	107	108	53	8*,14*,17*
* A63940VT2PRO	21: CB,RR	109	109	109	53	8,14,17*
A63941STX	23: CB,LL,RR,RW	109	110	108	53	8,14,17
A64077VT2PRO	21: CB,RR	110	109	109	53	8,14
* A6413STXRIB	49: CB,LL,RR,RW	107	109	109	53	8,14*
* A64178STX	23: CB,LL,RR,RW	111	110	112	53	8,15*
A64259STX	23: CB,LL,RR,RW	112	111	112	53	8,15
* A6462STXRIB	49: CB,LL,RR,RW	110	109	109	53	8,14*,17
A6499STXRIB	49: CB,LL,RR,RW	112	111	112	53	8,15
Beck's						
* 4824BR	3: CB,LL,RR	98	98		179	9*
4919SX	49: CB,LL,RR,RW	99	99		179	9
* 5140HR Brand	13: CB,LL,RR,RW	105		104	179	16*
* 5513AMXT Brand	61: CB,LL,RR,RW	105	104		179	7*
* 5665AMX Brand	40: CB,LL,RR,RW	106	105	109	179	10*,14
* 5829A4	7: CB,LL,RR,RW	108		109	179	14*
5883SX	49: CB,LL,RR,RW	108	108		179	8
6127A3	5: CB,LL,RR,RW	111		111	179	15,17
6274SX	49: CB,LL,RR,RW	112	111		179	8
* 6365AM Brand	56: CB,LL,RR	113		111	179	15*,17
EX1736 Brand	61: CB,LL,RR,RW,wo	103	103		179	7,10
Blue River Hybrids						
* 27B16	1: None	88	91	92	54	20*,22*
* 33A16	1: None	92	93		170	22*
* 33ND10	1: None	92		95	54	20*
* 38G54	1: None	96	97		170	22*
45G28	1: None	100	98		170	21
* 48G35	1: None	102	103	103	54	16*,21*
* 51T59	1: None	103	105	103	54	16*,21
62G22	1: None	110		109	54	14
66G25	1: None	112		112	54	15
Brunner						
2865A	1: None,wo	86	87		149	13
* 2897GT-3010	3: CB,LL,RR	89	87		149	13*
* 3915GT-3110	6: CB,LL,RR	91	90		149	11,13*
3920	1: None	92	91		149	11,13
3946GT-3110A	6: CB,LL,RR,wo	94	94		149	12
* 4044	1: None	104	104		149	10*
Burrus						
* X6R20-3000GT	5: CB,LL,RR,RW	112	112	121		15*
Channel						
195-18VT2PRIB	50: CB,RR	95	93	192		20
* 198-98STXRIB	49: CB,LL,RR,RW	98	94	193		20*
* 203-01STXRIB	49: CB,LL,RR,RW	103	104	192		19*
* 204-74VT2PRIB	50: CB,RR	104	104	192		19*
* 206-11STXRIB	49: CB,LL,RR,RW	106	109	192		17*
* 207-27STXRIB	49: CB,LL,RR,RW	107	108	191		17*
* 209-15STXRIB	49: CB,LL,RR,RW	109	109	192		14*
209-53STXRIB	49: CB,LL,RR,RW	109	109	191		14
Cornelius						
C380	1: None	103	102		149	7,10
* C408DP	22: CB,RR,RW	104	103	101	149	7*,10*,16*
C449DP	22: CB,RR,RW	105	103		149	7
* C452SS	23: CB,LL,RR,RW	105	103	101	169	7,16*
* C461SS	23: CB,LL,RR,RW	106	107	108	169	8*,17*
C585DP	22: CB,RR,RW	109	109		149	8
C621SS	23: CB,LL,RR,RW	110	110		169	8
* C633DP	21: CB,RR	110	108	109	169	8,14*
C733SS	23: CB,LL,RR,RW	113		112	169	15
C765SS	23: CB,LL,RR,RW	114		112	169	15
Dairyland						
DS1091	1: None	91	90		172	11,13
* DS6106	16: RR	106	105		172	8*,10*
DS7185	52: CB,LL,RR	85	86		172	13
* DS7294	6: CB,LL,RR	94	92		172	12*,13*
DS9090SSX	24: CB,LL,RR,RW	90	90		172	11,13
DS9508RA	54: CB,LL,RR,RW	105	106		172	7
DS9510SSX	24: CB,LL,RR,RW	110	109		172	8
* DS9599	5: CB,LL,RR,RW	99	98		172	9*,12*
DS9686	5: CB,LL,RR,RW	86	88		172	11,13
DS9701RA	54: CB,LL,RR,RW	101	98		172	12
DS9713RA	54: CB,LL,RR,RW	110		109	172	14,17
DS9802RA	54: CB,LL,RR,RW	102	101		172	10,12
DS9804SSX	24: CB,LL,RR,RW	104	103		172	7,10
* EX-08906	3: CB,LL,RR	89	88		172	11*,13*
* EX-09604	6: CB,LL,RR	96	95		172	9*,12*
EX-09706	6: CB,LL,RR	97	97		172	9,12
* EX-11007	6: CB,LL,RR	105		105	172	16*,19*
* HiDF3099RA	54: CB,LL,RR,RW	99		100	172	16,18*
* HiDF3188RA	54: CB,LL,RR,RW	88		91	172	18*,20*
* HiDF3197RA	54: CB,LL,RR,RW	97		95	172	18,20*
HiDF3211SSX	24: CB,LL,RR,RW	111		111	172	15,17
* HiDF3290-9	5: CB,LL,RR,RW	90		88	172	18*,20*
HiDF3407RA	54: CB,LL,RR,RW	107		109	172	14,17
* HiDF3413-9	24: CB,LL,RR,RW	113		113	172	15*
* HiDF3510SSX	24: CB,LL,RR,RW	110		110	172	14*,17
* HiDF3605RA	54: CB,LL,RR,RW	105		103	172	16*,19*
HiDF3702-9	5: CB,LL,RR,RW	102		104	172	16,19
HiDF3808RA	54: CB,LL,RR,RW	108		109	172	14,17
HiDF3915SSX	24: CB,LL,RR,RW	115		113	172	15

† See Table 3 for transgenic technology details. Traits: CB= Corn borer, DT= Drought tolerant, LL= Liberty Link, RR= Roundup Ready, RW= Corn rootworm; Other: bmr= brown midrib, lfy= leafy, ND= Nutri-Dense, w= white, wo= water optimized

‡ See Table 4 for seed treatment details.

Table 2 (continued). Corn hybrids included in the 2017 trials. A star (*) indicates that the hybrid performed statistically similar to the highest hybrid for yield or performance index (P.I. or MILK2006) in one or more zones.

Brand hybrid	Technology: Traits †	Maturity Co.	GRM	SRM	Seed Trt. ‡	Tables
DeKalb						
DKC26-40RIB	50: CB,RR	76	84	79	192	13,20
* DKC41-99RIB	50: CB,RR	91	91	88	192	11,20*
* DKC49-73RIB	50: CB,RR	99	98	96	192	9*,12,18
* DKC50-08RIB	49: CB,LL,RR,RW	100	99		192	9*
* DKC55-84RIB	49: CB,LL,RR,RW	105	105		192	7*,10*
* DKC60-87RIB	49: CB,LL,RR,RW	110	109	109	192	8*,14
* DKC62-20RIB	49: CB,LL,RR,RW	112	109	112	192	8*,15*
* DKC63-60RIB	49: CB,LL,RR,RW	113	110		191	8*
DKC32-12RIB	50: CB,RR	82	83		191	13
DKC35-88RIB	50: CB,RR	85	86		191	13
DKC40-77RIB	49: CB,LL,RR,RW	90	90		192	11,13
DKC45-65RIB	49: CB,LL,RR,RW	95	96		191	12
DKC46-36RIB	49: CB,LL,RR,RW	96	99		191	9
* DKC46-79RIB	49: CB,LL,RR,RW	96	96	93	191	12,18*
* DKC51-38RIB	49: CB,LL,RR,RW	101	102	101	192	10*,16*
* DKC52-68RIB	50: CB,RR	102	103	101	192	10*,16*,19*
* DKC56-45RIB	49: CB,LL,RR,RW	106	107		192	8,10*
* DKC57-97RIB	49: CB,LL,RR,RW	107	109	108	192	8*,17
* DKC58-06RIB	49: CB,LL,RR,RW	108	108	108	191	8,17*
DuPont Pioneer						
P0506AM	56: CB,LL,RR,wo	105	102		150	10
Federal Hybrids						
3570VT2P	21: CB,RR	83	86		151	13
3660GT3011A	66: CB,LL,RR,RW,wo	86	87		149	13
3880VT2P	21: CB,RR	88	90		174	13
* 4160VT2PRIB	50: CB,RR	91	91	91	151	11,13*,20
* 4180VT2P	21: CB,RR	91	90	92	151	11,13*,20
4240SSRIB	49: CB,LL,RR,RW	92	91	92	53	11,13,20
4470VT2P	21: CB,RR	94	95		174	12
* 4580VT2P	21: CB,RR	95	97		151	12*
* 4680VT2P	21: CB,RR	96	97		151	12*
5280SS	23: CB,LL,RR,RW	102	104		53	7
* 5370SSRIB	49: CB,LL,RR,RW	103	103	104	53	7,19*
5550SSRIB	49: CB,LL,RR,RW	106		103	53	19
* 5570SSRIB	49: CB,LL,RR,RW	105	103	104	53	7,19*
5670SSRIB	49: CB,LL,RR,RW	106	108		53	8
Foundation Direct						
* 8549	1: None	104		102	128	16*
* 8762	1: None	97	97		128	12*
* 8801	1: None	90	90	90	128	13,20*
8855	1: None	92	91		128	11
HDS84	1: None,HDS	84		91	128	20
* HDS85	1: None,HDS	85		91	128	20*
Foundation Organic						
* 8549UT	1: None	104	102		128	21*
* 8762UT	1: None	97	98		128	21*
* 8830UT	1: None	90	90		128	22*
8847	1: None	93	92		128	22
8855UT	1: None	92	94		128	21
ORG7957	1: None	79	87		128	22
ORG8507	1: None	102	103		128	21
ORG8600	1: None	100	101		128	21
ORG8700	1: None	97	97		128	21
* ORG8801	1: None	90	89		128	22*
Frontiersmen						
090-H3VT2P	21: CB,RR	90	91		66	11
094-D7VT2PRIB	50: CB,RR	94	95		66	12
097-D8VT2P	21: CB,RR	97	98		66	9
101-C7GENSS	23: CB,LL,RR,RW	101	103		66	10
* 103-C7GENSS	23: CB,LL,RR,RW	103	103		66	10*
Golden Harvest						
* G01D24-3120	70: CB,LL,RR	101		103	167	19*
* G01P52-3122A	60: CB,LL,RR,RW,wo	101		103	167	19*
* G03C84-3120	70: CB,LL,RR	103	103	103	167	7*,19*
G05B91-3010	3: CB,LL,RR	105	105		167	7
G09A86-3111	7: CB,LL,RR,RW	109		109	167	14
G09E98-3122	60: CB,LL,RR,RW	109		109	167	14
* G10T63-3122	60: CB,LL,RR,RW	110		109	167	14*
G12W66-3000GT	5: CB,LL,RR,RW	112		112	187	15
G84J92-3011A	66: CB,LL,RR,RW,wo	86		91	167	18
* G89A09-3010	3: CB,LL,RR	89	90		167	11*
* G90Y04-3110A	6: CB,LL,RR,wo	92	92	94	167	11*,18*
* G94U87-3110A	6: CB,LL,RR,wo	94	95		167	12*
* G95D32-3110	6: CB,LL,RR	95	98	95	167	9*,18*
* G96V99-3120	70: CB,LL,RR	96	98		167	9*
* G97N86-3110	6: CB,LL,RR	97	96	95	167	9*,18*
* G98L17-3000GT	5: CB,LL,RR,RW	98	98	97	167	9*,18
Great Lakes						
3337VT2RIB	50: CB,RR	83	82		186	13
3622VT2RIB	50: CB,RR	86	85		186	13
* 3870VT2RIB	50: CB,RR	88	87	90	186	11,13,20*
* 4062VT2RIB	50: CB,RR	90	90	92	186	11*,20
* 4250VT2RIB	50: CB,RR	92	91	91	186	11,20*
4333-3110A	6: CB,LL,RR,wo	93	90	94	186	11,20
* 4548VT2RIB	50: CB,RR	95	95	91	186	9,12,18*
* 4728VT2PRO	21: CB,RR	97	97	96	186	9*,12*,18
* 4988VT2PRO	21: CB,RR	99	98	100	186	9*,16*,18
* 5029VT2RIB	50: CB,RR	100	96	100	186	9,16*
* 5283STXRIB	49: CB,LL,RR,RW	102	102	102	186	10*,16*
* 5470STXRIB	49: CB,LL,RR,RW	104	102		186	10*
* 5556VT2RIB	50: CB,RR	105	105	102	186	7,16*
* 5626VT2PRO	21: CB,RR	106	106	108	186	8,17*
5824STXRIB	49: CB,LL,RR,RW	108	109	109	186	8,17
* 5910VT2RIB	21: CB,RR	109	108	109	186	8,17*
5935STX	23: CB,LL,RR,RW	109	110	109	186	8,14
* 6068STXRIB	49: CB,LL,RR,RW	110		109	186	14*,17
* 6185STXRIB	49: CB,LL,RR,RW	111		112	186	15*
* 6224STX	23: CB,LL,RR,RW	112		112	186	15*
6353-3000GT	5: CB,LL,RR,RW	113		112	186	15
InVision						
FS 35SV1 RIB	50: CB,RR	85	89		151	11

† See Table 3 for transgenic technology details. Traits: CB= Corn borer, DT= Drought tolerant, LL= Liberty Link, RR= Roundup Ready, RW= Corn rootworm; Other: bmr= brown midrib, lfy= leafy, ND= Nutri-Dense, w= white, wo= water optimized

‡ See Table 4 for seed treatment details.

Table 2 (continued). Corn hybrids included in the 2017 trials. A star (*) indicates that the hybrid performed statistically similar to the highest hybrid for yield or performance index (P.I. or MILK2006) in one or more zones.

Brand hybrid	Technology: Traits †	Maturity Co.	GRM	SRM	Seed Trt. ‡	Tables
* FS 43R48A	6: CB,LL,RR,wo	93	90	95	167	11,18*
FS 44TV1 RIB	50: CB,RR	94	95		151	12
* FS 46RL0 EZR	70: CB,LL,RR	99	97	95	167	9*,12,18*
* FS 49ZX1 RIB	49: CB,LL,RR,RW	99	98	97	136	9*,18*
* FS 50VX1 RIB	49: CB,LL,RR,RW	100	97	102	136	9,19*
* FS 52RL0 EZR	70: CB,LL,RR	102	102	103	167	7,10,19*
* FS 52ZX1 RIB	49: CB,LL,RR,RW	102	102	103	136	7,10*,19*
* FS 54ZX1 RIB	49: CB,LL,RR,RW	104	103	103	136	7,10*,19*
* FS 55TX1 RIB	49: CB,LL,RR,RW	105	104	101	136	7,10*,16*
* FS 57TX1 RIB	49: CB,LL,RR,RW	109	107	108	136	8,17*
* FS 59VL1 RIB	59: CB,LL,RR	109	109	110	175	8,14*,17
FS 60QV1 RIB	50: CB,RR	110	109	109	151	8,14,17
* FS 61SX1 RIB	49: CB,LL,RR,RW	111	109	111	136	8*,15*,17*
* FS 62R44	5: CB,LL,RR,RW	112		112	167	15*
* FS 62TV1DG RIB	68: CB,DT,RR,wo	112		112	151	15*
FS 63ZX1 RIB	49: CB,LL,RR,RW	113		112	136	15
FS 64SX1 RIB	49: CB,LL,RR,RW	114		112	136	15
Jung						
31DP308	50: CB,RR	81	84	84	192	13,20
36DP318	50: CB,RR	86	86		192	13
43DP417RIB	50: CB,RR	93	91		192	11
* 46SS427RIB	49: CB,LL,RR,RW	96	96		192	12*
47SS438	49: CB,LL,RR,RW	97	98	95	192	9,18,20
* 49SS437RIB	49: CB,LL,RR,RW	99	99	98	192	9*,18
4D113RIB	50: CB,RR	82	84		191	13
* 4D178RIB	50: CB,RR	84	86	90	191	13,20*
4D260RIB	50: CB,RR	87	84		191	13
4D331RIB	50: CB,RR	92	90		191	11
4D341RIB	50: CB,RR	93	91		191	11
* 4D378RIB	50: CB,RR	96	95		191	12*
4D381RIB	50: CB,RR	94	95		191	12
* 50SS508	49: CB,LL,RR,RW	100	99		192	9*
* 52SS507RIB	49: CB,LL,RR,RW	102	105		192	7*,10*
* 53SS517RIB	49: CB,LL,RR,RW	103	104		192	7*
* 54SS528	49: CB,LL,RR,RW	104	104		192	7*
* 56DP538	50: CB,RR	106	107	103	192	8,19*
58SS537RIB	49: CB,LL,RR,RW	108	110	108	192	8,17
61SS608	49: CB,LL,RR,RW	111	111	111	192	8,15,17
* 7S495RIB	49: CB,LL,RR,RW	99	99		191	9*
* 7S522RIB	49: CB,LL,RR,RW	102	102		191	10*
7S579RIB	49: CB,LL,RR,RW	105	103		191	7
7S671RIB	49: CB,LL,RR,RW	107	107		191	8
* 7S711RIB	49: CB,LL,RR,RW	110		109	191	14*,17
* 7S744RIB	49: CB,LL,RR,RW	111		112	191	15*
LG Seeds						
LG5410VT2RIB	50: CB,RR	92	92		53	11
* LG5420-3110A	6: CB,LL,RR,wo	94	95	96	53	12*,18
* LG5465VT2P	50: CB,RR	97	98	96	53	9*,18*
* LG5494VT2P	50: CB,RR	99	98	101	53	9*,16*
* LG5499STXRIB	49: CB,LL,RR,RW	100	100		53	9*
* LG5505STX	23: CB,LL,RR,RW	101	103	103	53	10,16*
LG5507STXRIB	49: CB,LL,RR,RW	103	103		53	7
LG5520STXRIB	49: CB,LL,RR,RW	105	105		53	7
LG5530VT2P	50: CB,RR	106	107		53	8
LG5548STXRIB	49: CB,LL,RR,RW	109	108	109	53	8,14
LG5590VT2P	50: CB,RR	110	109	109	53	8,14
LG5618STXRIB	49: CB,LL,RR,RW	112	110	112	53	8,15
Latham						
* EX3695VT2Pro	21: CB,RR	86		86	151	20*
EX4067VT2Pro	21: CB,RR	90		89	151	20
* EX6187VT2ProDG	67: CB,DT,RR	111		112	151	15*
* EX6267VT2Pro	21: CB,RR	112		112	151	15*
LH4727VT2PRORIB	50: CB,RR	97		93	176	18
* LH5335VT2Pro	21: CB,RR	103		103	151	19*
* LH5495-3122EZR	60: CB,LL,RR,RW	104		103	149	19*
* LH5635VT2Pro	21: CB,RR	106		108	151	17*
* LH5742RR	16: RR	107		108	151	17*
* LH6224-3120EZR	70: CB,LL,RR	112		111	149	15*,17
LH6425VT2Pro	21: CB,RR	114		112	151	15
Legacy Seeds						
L2817	21: CB,RR	87	86		174	13
* L2836	3: CB,LL,RR	88	87	87	97	13*,20*
L2847	21: CB,RR	87	90		174	13
L2916	50: CB,RR	88	85		151	13
* L2937	3: CB,LL,RR	89	88	90	97	13*,20*
* L3017	21: CB,RR	90	91		174	11*,13*
* L3115	50: CB,RR	92	91	92	151	11*,13,20
* L3335	6: CB,LL,RR,wo	93	91	94	175	11,18*
L3416	50: CB,RR	94	95		151	12
* L3517	21: CB,RR	95	97		174	12*
L3626	21: CB,RR	97	97		151	9,12
L3715	49: CB,LL,RR,RW	96	96		174	12
L3816	67: CB,DT,RR	98	99		151	9,12
L3916	49: CB,LL,RR,RW	99	98	97	174	9,12,18
L4317	23: CB,LL,RR,RW	100	99		174	9
* L5350-3122EZR	60: CB,LL,RR,RW	104		103	175	16*,19*
* L5516	49: CB,LL,RR,RW	105	105	102	174	7,10*,16*,19
* L6047	23: CB,LL,RR,RW	107	105	106	174	8,10,17*,19*
* L6827	23: CB,LL,RR,RW	108	109	109	151	8*,14,17
* L7236	5: CB,LL,RR,RW	112	109	111	175	8*,15*,17
Legend Seeds						
JSC47J104-3122	53: CB,LL,RR,RW	104		102	164	16
LR9492VT2PRIB	50: CB,RR	92	91	94	164	11,18
* LR94A01-3011A	66: CB,LL,RR,RW,wo	101		103	164	19*
LR9608GENSSRIB	49: CB,LL,RR,RW	108	107	108	164	8,10,14,17
LR9701VT2PRIB	50: CB,RR	101	102		164	10
LR9798VT2PRIB	50: CB,RR	98	98		164	9,12
* LR9804GENSSRIB	49: CB,LL,RR,RW	104	103		174	7*,10*
LR9806GENSSRIB	49: CB,LL,RR,RW	106	105		164	8,10
LR9809VT2PRIB	50: CB,RR	109	108	109	164	8,14
* LR9891VT2PRIB	50: CB,RR	91	91		174	11*
* LR9895VT2PRIB	50: CB,RR	95	96		174	12*
Masters Choice						
MCT2552	6: CB,LL,RR	75		76	97	20

† See Table 3 for transgenic technology details. Traits: CB= Corn borer, DT= Drought tolerant, LL= Liberty Link, RR= Roundup Ready, RW= Corn rootworm; Other: bmr= brown midrib, lfy= leafy, ND= Nutri-Dense, w= white, wo= water optimized

‡ See Table 4 for seed treatment details.

Table 2 (continued). Corn hybrids included in the 2017 trials. A star (*) indicates that the hybrid performed statistically similar to the highest hybrid for yield or performance index (P.I. or MILK2006) in one or more zones.

Brand hybrid	Technology: Traits †	Maturity Co.	Maturity GRM	Maturity SRM	Seed Trt. ‡	Tables
MCT3891	2: RR	88		88	97	18,20
* MCT4572	6: CB,LL,RR	95		93	97	18*,20*
* MCT4632	6: CB,LL,RR	96		95	97	18*
* MCT5371	2: RR	103		102	97	16*,19*
* MCT5454	7: CB,LL,RR,RW	104		102	97	16*
MCT6363	5: CB,LL,RR,RW	113		111	97	15,17
MCT6653	5: CB,LL,RR,RW	116		112	97	15
Munson						
4417-3011	66: CB,LL,RR,RW	84	86		123	13
4605VT2P	21: CB,RR	86	91	95	123	13,18
* 4877-3010	3: CB,LL,RR	88	88		123	11*,13*
5016VT2P	50: CB,RR	90	91		123	11,13
5204-3010	3: CB,LL,RR	92	91	96	123	11,18
5286VT2P	50: CB,RR	92	92		123	11
* 5695VT2P	21: CB,RR	96	97		123	12*
* 5710VT2P	21: CB,RR	97	97	96	123	12*,18
* 5865SS	23: CB,LL,RR,RW	98	99		191	12*
* 6029VT2P	21: CB,RR	100	99		123	7,12*
6253SS	49: CB,LL,RR,RW	102	102		191	7
* 6275VT2P	21: CB,RR	102	103	103	123	7*,19*
6434SS	49: CB,LL,RR,RW	104	103		191	7
6699SS	49: CB,LL,RR,RW	106	107		191	8
* 6819SS	23: CB,LL,RR,RW	108	109	109	191	8*,14
6869	1: None	108		109	123	14
6940-3110	7: CB,LL,RR,RW	109		109	123	14
6978VT2P	50: CB,RR	109	109		123	8
7091VT2P	21: CB,RR	110	109		123	8
NK Brand						
N18Q-3011A	66: CB,LL,RR,RW,wo	86	86	86	167	13,20
* N27P-3110A	6: CB,LL,RR,wo	92	88	93	167	13*,20
* N35T-3110	6: CB,LL,RR	95	97	96	167	12*,16*,20*
* N36G-3120	70: CB,LL,RR	96	95	92	167	12*,20*
* N40L-3000GT	5: CB,LL,RR,RW	98	98	98	167	12*,16*,20
* N45P-3122	60: CB,LL,RR,RW,wo	101		101	167	16*
N63R-3122	60: CB,LL,RR,RW	109		109	167	17
* N66V-3122	60: CB,LL,RR,RW	110	109	109	167	8*,17
N69D-3000GT	5: CB,LL,RR,RW	112		109	187	17
* NK0142-3120	70: CB,LL,RR	101		101	167	16*
NK0968-3111	7: CB,LL,RR,RW	109		109	167	17
* NK8920-3120	70: CB,LL,RR	89	87		167	13*
NK9495-3110A	6: CB,LL,RR,wo	94		90	167	20
* NK9738-3110	6: CB,LL,RR	97		92	167	20*
NuTech/G2 Genetics						
* 5D906	56: CB,LL,RR	106	107	110	53	8,10*,14,17
* 5F196	56: CB,LL,RR	96	96	96	53	9*,12*,18
* 5F308	56: CB,LL,RR	108	109	109	53	8*,14*,17
* 5F503	56: CB,LL,RR	103	103		53	7*,10*
* 5F504	56: CB,LL,RR	104	104	103	53	7*,10*,16*,19*
* 5F510	56: CB,LL,RR	110	109	109	53	8*,14*,17*
* 5F601	56: CB,LL,RR,wo	101	103		53	7,10*
* 5F701	56: CB,LL,RR	101		103	53	16,19*
5F702	56: CB,LL,RR	102	103		53	7,10
5F709	56: CB,LL,RR,wo	109	109		53	8
* 5F713	56: CB,LL,RR	113		112	53	15*
* 5F811	56: CB,LL,RR	111		110	53	15*,17*
* 5FB1010	56: CB,LL,RR	110	109	109	53	8*,14,17*
5FN5096	56: CB,LL,RR	96	98		53	9,12
5FN6097	56: CB,LL,RR	97	97	94	53	9,12,18
5FN7099	56: CB,LL,RR	99	100		53	9
* 5H502	9: CB,LL	102		103	53	16,19*
* 5H806	56: CB,LL,RR	106	106	109	53	8,10*,14*,17*
X5FN9502	56: CB,LL,RR	95	96		53	12
X5LN-0308	61: CB,LL,RR,RW	103	103		53	7,10
O'Brien Hybrids						
* OB1108	1: None	108	106	109	54	10*,14,17
OBX1103	5: CB,LL,RR,RW	103	104		102	10
* OBX112	1: None	112	111	112	54	8,15*
OBX87	1: None	87	92		54	11
OS110	1: None	110	109	109	54	8,14,17
Organic						
* UW Check D	1: None	94	93		3	21*,22*
* UW Check D-HW	1: None	94	93		3	21*,22*
PIP						
3784	5: CB,LL,RR,RW	84	88		149	13
3890	2: RR	90	89		149	11
4791	3: CB,LL,RR	91	91		149	11
4796	70: CB,LL,RR	96	98		149	9
* 4894	6: CB,LL,RR	94		91	149	20*
5701	70: CB,LL,RR	101	102		149	10
5702	2: RR	102	104		149	7
5704	2: RR	104	106		149	7
5706	7: CB,LL,RR,RW	106	109		149	8
5708	5: CB,LL,RR,RW	108		109	149	14
Power Plus						
2B77AMXT	61: CB,LL,RR,RW	105	104		181	7
2Y06AM	56: CB,LL,RR	104	104		181	7
3H85	63: CB,LL,RR,RW	107		109	181	14
4J95AMX	40: CB,LL,RR,RW,wo	109	108		164	8
* 5C17	61: CB,LL,RR,RW	110		111	181	14*
* 6P73	56: CB,LL,RR	113		112	181	15*
* X4A67AM	56: CB,LL,RR	109	108		121	8*
Prairie Hybrids						
* 3415	1: None	104		103	134	19*
* 5200	1: None	108		107	134	14*,17,19*
* 6212	1: None	111		112	134	15*
* 7204	1: None	112		111	134	15,17*
* 8229	1: None	114		112	134	15*
* EX6494	1: None	106		106	134	17*,19*
ProHarvest						
2505RR2	16: RR	85	87		136	13
4203VT3PRIB	48: CB,RR,RW	92	87		136	13

† See Table 3 for transgenic technology details. Traits: CB= Corn borer, DT= Drought tolerant, LL= Liberty Link, RR= Roundup Ready, RW= Corn rootworm; Other: bmr= brown midrib, lfy= leafy, ND= Nutri-Dense, w= white, wo= water optimized

‡ See Table 4 for seed treatment details.

Table 2 (continued). Corn hybrids included in the 2017 trials. A star (*) indicates that the hybrid performed statistically similar to the highest hybrid for yield or performance index (P.I. or MILK2006) in one or more zones.

Brand hybrid	Technology: Traits †	Maturity Co.	Maturity GRM	Maturity SRM	Seed Trt. ‡	Tables
4255RR2	16: RR	92	91		149	11
4511RR2	16: RR	94	96		149	12
4777SXRIB	49: CB,LL,RR,RW	97	96		136	9
4825SXRIB	49: CB,LL,RR,RW	98	99		136	9
6163SXRIB	49: CB,LL,RR,RW	101	103		136	10
* 6338SXRIB	49: CB,LL,RR,RW	103	103		136	7,10*
6420SXRIB	49: CB,LL,RR,RW	104	104		136	7
* 6444STAXRIB	49: CB,LL,RR,RW	105		106	136	16*
X16321	21: CB,RR	91	90		136	11
* X17451	21: CB,RR	96	96		136	12*
Renk						
* 6-798VT2P	21: CB,RR	108	109	109	174	8,14,17*
* 7-637	1: None	103	104	102	174	10,16,19*
RK264VT2P	21: CB,RR	85	88		174	11,13
RK287VT2P	21: CB,RR	87	90		174	11,13
* RK408RR	16: RR	90	90		174	11*,13
* RK433RR	16: RR	92	91	94	174	11*,18*
RK522SSTX	49: CB,LL,RR,RW	94	95		136	12
* RK566SSTX	49: CB,LL,RR,RW	94	95		136	12*
* RK595SSTX	49: CB,LL,RR,RW	99	98	96	136	9,12*,18*
RK596SSTX(RIB)	49: CB,LL,RR,RW	98	97		174	12
* RK608DGVT2P	68: CB,DT,RR	100	98		174	9,12*
* RK629VT3P	48: CB,RR,RW	101	102	102	174	10*,16*,19*
* RK642SSTX	23: CB,LL,RR,RW	103	104	103	174	10*,16*,19
RK675DGVT2P	68: CB,DT,RR	103	103		174	10
RK680SSTX	49: CB,LL,RR,RW	103	102		136	10
* RK717SSTX	49: CB,LL,RR,RW	105	103		136	7*,10*
* RK724RR	16: RR	103		101	174	16*
RK776SSTX	49: CB,LL,RR,RW	107	109		136	8
RK792SSTX	49: CB,LL,RR,RW	108	108	108	136	8,14,17
RK842SSTX	23: CB,LL,RR,RW	112	111	111	174	8,15,17
Spectrum						
* 4046	1: None	88		94	149	18*,20
* 4130	1: None	90		91	149	18,20*
* 4216	1: None	90		91	149	18,20*
4432	1: None	92		90	149	18,20
* 4725	1: None	96		98	149	16*,18*
* 5452	1: None	102		103	149	16*,19
* 6105	1: None	111		111	149	15*,17*
* 6244	1: None	112		111	149	15*,17
Steyer Seeds						
* 9401	1: None	94	94		175	12,13*
* WEXP10137	67: CB,DT,RR	100	97	103	175	9*,12*,19*
* WEXP10537	70: CB,LL,RR	104	105	103	175	10*,16*,19*
* WEXP10637	70: CB,LL,RR	105	105	102	175	10,16*,19*
WEXP10889	3: CB,LL,RR	88	91		175	11
WEXP10937	3: CB,LL,RR	93	91		175	11,13
Terning Seeds						
TS8150-3011A	66: CB,LL,RR,RW,wo	86	86		149	13
* TS8199GENVT2PRIB	50: CB,RR	91	92		175	11*,13
TS8249GENVT2PRIB	50: CB,RR	95	96		175	12
Titan Pro						
TP53-03-2P	50: CB,RR	103	103		157	7
TP71-98-2P	50: CB,RR	98	98		192	9
TP75-01SS	49: CB,LL,RR,RW	101	103		191	7,10
TP77-06SS	49: CB,LL,RR,RW	106	107		191	8
TP78-98SS	49: CB,LL,RR,RW	98	99		192	9
Tracy Seeds						
T086-26 (3011A)	66: CB,LL,RR,RW,wo	86	90		184	11
T093-26 (3110A)	6: CB,LL,RR,wo	93	91		184	11
T096-25 (GT)	2: RR	96	97		184	9
* T102-14 (3000GTA)	5: CB,LL,RR,RW,wo	101	102	101	184	7,10,16*,19*
* T104-13 (3000GT)	5: CB,LL,RR,RW	104		104	184	19*
* T104-26 (3122EZ)	60: CB,LL,RR,RW	104	104		149	7,10*
T107-25 (3220)	59: CB,LL,RR	107	107		149	8
T108-26 (3111)	7: CB,LL,RR,RW	108	108	109	184	8,17
UW						
* UW43	1: None	112		112	1	15*
UW44	1: None	108		109	1	14
Viking						
42-92	1: None	92		94	102	18
* 90-91UNT	1: None	91	90		194	22*
* O.33-95LF	1: None,lfy	95		96	102	18*
* O.34-00LF	1: None	100		102	102	16*
O.35-09LF	1: None,lfy	109		109	102	14,17
* O.51-04GS	1: None,lfy	104	102	101	194	16*,21
* O.69-99	1: None	99	100	102	194	16*,21
* O.71-90GSUP	1: None	90		91	194	20*
O.74-10GS	1: None	110		109	102	14
* O.79-00	1: None	100	100	103	194	16*,21
O.82-95	1: None	95	95		194	22
* O.84-95UP	1: None	95	94		194	21,22*
O.86-03UP	1: None	103	99		194	21
* O.88-91UP	1: None	91	89		194	22*
Wyffels						
W2618RIB	49: CB,LL,RR,RW	104	102		53	7
W3078RIB	49: CB,LL,RR,RW	106	108		53	8
* W4196	21: CB,RR	105	105		53	7*
W5448RIB	49: CB,LL,RR,RW	108	108		53	8

† See Table 3 for transgenic technology details. Traits: CB= Corn borer, DT= Drought tolerant, LL= Liberty Link, RR= Roundup Ready, RW= Corn rootworm; Other: bmr= brown midrib, lfy= leafy, ND= Nutri-Dense, w= white, wo= water optimized

‡ See Table 4 for seed treatment details.

Table 3. List of transgenic technologies used in corn hybrids entered in the 2017 UW corn trials.

Technology †	First Year	Abbreviation	Traits ‡	Grain yield §		Forage yield §	
				N	Bu/A	N	T/A
1 Conventional	1930	Conv	None	156	-3.8	335	* -0.03
2 Agrisure® GT	2006	GT	RR	36		24	
3 Agrisure® 3010	2006	3010	CB,LL,RR	134	* 3.5	18	
5 Agrisure® 3000GT	2008	3000GT	CB,LL,RR,RW	99	* 3.8	137	* 0.07
6 Agrisure Viptera® 3110	2011	Vip3110	CB,LL,RR	198	* 5.8	120	* 0.29
7 Agrisure Viptera® 3111	2010	Vip3111	CB,LL,RR,RW	18		36	
9 Herculex® I	2003	HX	CB,LL			12	
13 Herculex® XTRA plus Roundup Ready® Corn	2006	RR2HXT	CB,LL,RR,RW			6	
16 Roundup Ready® Corn 2	2000	RR2	RR	71	* 3.4	18	
21 Genuity™ VT Double Pro™	2008	GENVT2Pro	CB,RR	376	3.5	132	* 0.07
22 Genuity™ VT Triple Pro™	2010	GENVT3Pro	CB,RR,RW	36		6	
23 Genuity™ SmartStax™	2008	GENSS	CB,LL,RR,RW	189	* 1.5	138	* 0.01
24 DAS SmartStax™	2009	DASSS	CB,LL,RR,RW	42		36	
40 Optimum® AcreMax® Xtra	2012	AMX	CB,LL,RR,RW	27		6	
48 Genuity™ VT Triple Pro™ RIB	2012	GENVT3ProRIB	CB,RR,RW	18		12	
49 Genuity™ SmartStax™ RIB	2013	GENSSRIB	CB,LL,RR,RW	934	* -0.6	342	* -0.03
50 Genuity™ VT Double Pro™ RIB	2008	GENVT2ProRIB	CB,RR	562	-6.0	166	-0.17
52 Agrisure Viptera® 3220	2013	Vip3220	CB,LL,RR	9			
53 Agrisure® 3122	2013	3122	CB,LL,RR,RW			6	
54 DAS SmartStax™plus RIB	2009	DASSSRIB	CB,LL,RR,RW	34		84	* 0.07
56 Optimum® AcreMax®	2013	AMRIB	CB,LL,RR	259	* 5.0	132	* 0.12
59 Agrisure Viptera® 3220 E-Z Refuge	2014	Vip3220RIB	CB,LL,RR	18		12	
60 Agrisure® 3122 E-Z Refuge	2014	3122RIB	CB,LL,RR,RW	26		54	* 0.17
61 Optimum® AcreMax® Xtreme	2014	AMXT	CB,LL,RR,RW	54	-9.1	12	
63 Optimum® Intrasect®Xtra	2014	YGCB,HXX,LL,RR2	CB,LL,RR,RW			6	
66 Agrisure® 3011	2008	3011	CB,LL,RR,RW	44		18	
67 Genuity™ VT Double Pro™ DroughtGard™	2016	GENVT2ProDG	CB,DT,RR	36		12	
68 Genuity™ VT Double Pro™ DroughtGard™ RIB	2016	GENVT2ProDGRIB	CB,DT,RR	45		12	
70 Agrisure® 3120 E-Z Refuge	2016	3120RIB	CB,LL,RR	108	* 1.8	72	-0.17
LSD(0.10)					9.2		0.36

† See Table 2 for specific hybrid transgenic technologies.

‡ Traits: CB= Corn borer, DT= Drought tolerant, LL= Liberty Link, RR= Roundup Ready, RW= Corn rootworm

§ Grain and forage yield of early and late trials are calculated in relation to the trial mean. A minimum of 50 plots was required before inclusion into the analysis.

* Technologies that performed statistically similar to the highest technology in the trial.

Table 4. List of seed treatments used on corn hybrids entered in the 2017 UW corn trials.

Seed Trt.†	Treatment Mix Biological | Fungicide | Insecticide | Micronutrients | Nematicide | PGR	Brand	Grain yield‡ N	Grain yield‡ Bu/A	Forage yield‡ N	Forage yield‡ T/A
1	Captan				12	
3	Untreated		35			
53	Poncho500 | VOTiVO		674	* 1.6	306	-0.01
54	ApronXL+Maxim		61	* 0.9	65	0.19
66	Unknown		45		135	0.0
97	Dynasty+MaximXL | Cruiser250		18		84	-0.1
102	Cruiser250		9		36	
121	ApronXL+Dynasty+MaximXL | Cruiser | Avicta	Avicta Complete Corn	9		6	
123	Metalaxyl+Trilex+Vortex | Poncho250		134	* 5.0	36	
128	Apron+Dynasty+Maxim+TBZ	Maxim Quattro	115	-5.1	24	
134	Dynasty+MaximXL				60	* 0.66
136	Apron+Stratego+Vortex | Poncho500 | VOTiVO	Acceleron+Poncho500+VOTiVO	261	-6.0	90	-0.08
149	Maxim Quattro | Cruiser 5FS	CruiserMaxx Corn250	258	-2.0	132	0.10
150	Poncho1250+VOTiVO		17			
151	Apron+Stratego+Vortex | Poncho250	Acceleron 250	180	-3.7	96	-0.10
157	Allegiance+Trilex+Vortex | Poncho250 | VOTiVO		9			
164	Maxim Quattro | Cruiser 5FS | Quickroots	CruiserMaxx Corn250+Quickroots	98	-4.8	36	
167	Vibrance+ApronXL+Dynasty+MaximXL | Cruiser | Avicta	Avicta Complete 250+Vibrance	198	* 10.0	174	0.15
169	Poncho250 | VOTiVO		36		30	
170	Humic Acid	1R - Seed Treatment	27			
172	Intego+Maxim Quattro+Vibrance | Cruiser 5FS | Myconate	CruiserMaxx500+Vibrance+Intego+Myconate	229	-0.2	155	0.14
174	Apron+Stratego+Vortex | Poncho500	Acceleron 500	315	-0.4	102	0.17
175	Maxim Quattro+Vibrance | Cruiser 5FS	CruiserMaxx Corn250+Vibrance	134	-3.6	72	-0.30
176	Pyraclostrobin+Metalaxyl+Fluxapyroxad | Poncho+Imidacloprid | VOTiVO	Acceleron 500HD+Poncho+Votivo			6	
179	Poncho1250+VOTiVO | Biologicals	Escalate™	72	0.0	42	
181	Apron+Dynasty+Maxim+TBZ I Poncho500 | VOTiVO	Maxim Quattro+Poncho500+VOTiVO	17		24	
184	Cruiser 5FS I Maxim Quattro | Wuxal Terios Zn+	CruiserMaxx Corn 250+Wuxal Terios Zn+	54	-8.5	24	
186	Ipcanazole+Metalaxyl+Trilex | Poncho500 | VOTiVO		180	-3.3	120	-0.01
187	Vibrance+ApronXL+Dynasty+MaximXL+Tebuconazole | Cruiser | Avicta	Avicta Complete 500+Vibrance+Tebuconazol			12	
191	Metalaxyl+Fluoxastrobin+Prothioconazole | Poncho500 | VOTiVO		243	-4.4	54	-0.04
192	Acceleron B-300 SAT | Metalaxyl+Fluoxastrobin+Prothioconazole | Poncho500 | VOTiVO		286	* 3.4	136	-0.10
193	Acceleron B-300 SAT | Fluoxastrobin+Ipconazole+Metalaxyl+Prothioconazole +Tryfloxystrobin | Poncho500 | VOTiVO				6	
194	Humic Acid+Microbials	1R Seed Treatment+SabrEx	78	-2.2	24	
	LSD(0.10)			9.5		0.33

† See Table 2 for specific seed treatments applied to hybrids.

‡ Grain and forage yield are calculated in relation to the trial mean. A minimum of 50 plots was required before inclusion in the analysis.

* Treatments that performed statistically similar to the highest treatment in the trial.

Table 5. 2017 Temperature and Precipitation Summary.

Location	Temperature (Average) Precipitation (Total)	May 30-year Normal	May 2017 Departure	June 30-year Normal	June 2017 Departure	July 30-year Normal	July 2017 Departure	August 30-year Normal	August 2017 Departure	September 30-year Normal	September 2017 Departure
Arlington	Temperature	55.7	-0.9	65.6	2.4	69.4	0.4	67.3	-1.9	59.3	4.1
	Precipitation	3.7	-0.4	4.7	1.4	4.2	0.5	3.9	-2.2	3.5	-2.8
Chippewa Falls*	Temperature	57.6	-1.8	66.9	0.3	71.6	-0.5	69.3	-3.9	60.2	3.7
(Eau Claire)	Precipitation	3.5	0.9	4.1	1.2	3.9	0.3	4.5	-0.4	3.7	-1.4
	Irrigation	0.0		0.0		1.0		0.5		0.0	
Coleman	Temperature	54.2	-1.7	64.0	1.7	68.4	0.3	66.7	-1.7	58.5	3.8
(Oconto)	Precipitation	3.4	-0.7	3.6	2.5	3.8	-0.7	3.5	0.0	3.3	-2.0
Fond du Lac	Temperature	56.3	-3.2	66.0	0.6	70.4	-1.1	68.6	-3.1	60.7	2.6
	Precipitation	3.1	0.7	3.9	2.5	3.5	-0.4	3.5	0.2	3.4	1.0
Galesville	Temperature	59.3	-1.0	68.5	2.5	72.7	2.0	70.5	-1.0	62.1	5.5
(Trempealeau)	Precipitation	3.7	1.4	3.8	1.6	4.4	5.4	4.5	-1.4	3.8	-2.5
Hancock*	Temperature	56.8	-2.6	66.5	0.0	70.3	-0.9	68.3	-2.8	60.0	3.4
	Precipitation	3.7	0.1	4.5	3.4	4.4	-0.3	4.2	0.1	3.4	-0.9
	Irrigation	0.3		1.5		2.8		3.5		0.4	
Janesville	Temperature	58.7	-4.6	68.6	-1.1	72.5	-3.5	70.8	-5.6	62.9	0.9
(Beloit)	Precipitation	3.8	3.7	4.7	0.5	3.9	2.2	4.3	-2.8	3.7	-3.5
Marshfield	Temperature	56.1	-2.7	65.8	0.1	70.1	-0.4	68.1	-3.4	59.1	3.0
	Precipitation	3.7	2.0	4.5	2.4	4.0	0.1	4.3	-1.4	3.9	-2.8
Montfort	Temperature	57.3	-1.5	66.9	2.1	70.8	0.2	69.0	-2.6	60.8	4.2
(Lancaster)	Precipitation	4.1	0.7	5.3	-0.5	4.3	5.3	4.2	-3.5	3.1	-0.9
Seymour	Temperature	56.2	-1.1	65.5	2.2	69.8	0.8	68.5	-2.9	59.8	4.1
(Green Bay)	Precipitation	2.9	0.0	3.9	-0.1	3.5	1.1	3.4	0.7	3.0	-2.0
Spooner*	Temperature	55.7	-2.7	64.9	-0.4	69.3	-1.2	67.3	-3.7	58.3	3.0
	Precipitation	3.5	3.0	4.0	0.3	4.1	-1.7	4.2	2.1	3.8	-1.6
	Irrigation	0.0		0.0		0.7		0.5		0.0	
Valders	Temperature	53.5	-2.7	63.7	-1.2	69.2	-2.1	68.3	-2.7	60.7	1.8
(Manitowoc)	Precipitation	3.1	1.5	3.5	5.0	3.4	-1.0	3.6	-0.8	3.1	-2.3

* Irrigation applied at Chippewa Falls, Hancock and Spooner Irrigated Trial.

Source: Wisconsin State Climatology Office

Table 6. Individual Trial Information - 2017 Trials.

Location / Soil Series	Cooperators	Previous Crop / Row Width (in) / Planting Date	Harvest Dates	Av. Final Stand (plants/A)	Tillage Operations	Soil Test pH	P	K	Nitrogen Fertilizer actual N (lbs/A)	form	time	Insect Control	Weed Control
						--(ppm)--							
Arlington	M. Bertram	Alfalfa / 30	Oct-20	G: 31774	Disk Chisel	6.7	53	168	115	46-0-0	pre	Force 3G	Harness 28.0 oz/A
Plano Silt Loam		May-8	Sep-18	S: 33606	Field Cultivator	OM %: 3.5			18	9-11-30-6S-1Zn	plant	4.4 lbs/A	Hornet 4.0 oz/A
Chippewa Falls	J. Clark	Corn / 30	Oct-10	G: 30192	Spring Chisel	6.1	49.4	137	10000 gal	Manure	pre	Force 3G	Acuron 3.0 qt/A
Sattre Silt Loam	J. Jensen	May-5		O: 28320	Field Cultivator	OM %: 1.3			100	46-0-0	pre	4.4 lbs/A	
Irrigated			Sep-12	S: 34251					18	9-11-30-6S-1Zn	plant		
Coleman	T. Kuchta	Corn / 30	Oct-26	G: 31836	Fall Chisel	6.4	33	155	16	21-0-0-24S	pre	Force 3G	Acuron 3.0 qt/A
Oconto Sandy Loam		May-15	Sep-21	S: 33639	Field Cultivator	OM %: 2.4			3	11-52-0	pre	4.4 lbs/A	
									88	44-0-0	pre		
									18	9-11-30-6S-1Zn	plant		
Fond du Lac	E. Montsma	Soybean / 30	Oct-27	G: 31533	Fall Chisel	6.8	17.9	105	180	46-0-0	pre	Force 3G	Acuron 3.0 qt/A
Virgil Silt Loam		May-17		O: 30736	Field Cultivator	OM %: 4.1			18	9-11-30-6S-1Zn	plant	4.4 lbs/A	
			Sep-20	S: 32581									
Galesville	K. Congdon	Soybean / 30	Oct-10	G: 32243	Field Cultivator	5.6	24.4	198	100	46-0-0	pre	Force 3G	Parallel 1.7 pt/A
Downs Silt Loam		May-4		O: 30523		OM %: 3.5			21	21-0-0-24S	pre	4.4 lbs/A	Oracle 1.5 pt/A
			Sep-13	S: 33916					18	18-46-0	pre		
									18	9-11-30-6S-1Zn	plant		
Hancock	P. Sytsma	Corn / 30	Oct-17	G: 31060	Spring Disk	6.0	44.8	92.5	18	9-11-30-6S-1Zn	plant	Force 3G	Prowl 2.0 pt/A
Plainfield Sand		April-28		O: 29824		OM %: 0.8			32	21-0-0-24S	post	4.4 lbs/A	Laudis 3.0 oz/A
Irrigated									58	46-0-0	post		
									100	32-0-0	post		
Janesville	N. Baker	Corn / 30	Oct-18	G: 31444	Spring Chisel	6.1	33.5	110	18	9-11-30-6S-1Zn	plant	Force 3G	Acuron 3.0 qt/A
Plano Silt Loam		April-25			Field Cultivator	OM %: 3.1			200	28-0-0	post	4.4 lbs/A	Cultivated
Marshfield	J. Cavadini	Alfalfa / 30	Oct-25	G: 29847	Chisel Plow	5.9	32	122	18	9-11-30-6S-1Zn	plant	Force 3G	Roundup 32 oz/A
Withee Silt Loam		May-12		O: 21848	Field Cultivator	OM %: 3.2			46	46-0-0	post	4.4 lbs/A	Parallel 1.7 pt/A
			Sep-27	S: 27468	Cultimulch								Accent Q 1.0 oz/A
													Status 5.0 oz/A
Montfort	B. Bender	Soybean / 30	Oct-18	G: 32153	Strip-Till	6.5	22.8	104	21	21-0-0-24S	fall	Force 3G	Compadre 2.6 oz/A
Dodgeville Silt Loam		April-24	Sep-11	S: 32752		OM %: 2.9			6	11-52-0	fall	4.4 lbs/A	Atrazine 4L 28.8 oz/A
									18	9-11-30-6S-1Zn	plant		Callisto 3.0 oz/A
									89	32-0-0	post		Zidua 2.0 oz/A
Seymour	M. Maass	Soybean / 30	Oct-26	G: 31567	Chisel Plow	7.2	31.5	156	70	46-0-0	pre	Force 3G	Capreno 3.0 oz/A
Onaway Silt Loam		May-10		O: 31506	Field Cultivator	OM %: 2.5			31	18-46-0	pre	4.4 lbs/A	Atrazine 0.75 lb/A
									18	9-11-30-6S-1Zn	plant		
									53	32-0-0	post		
Spooner	P. Holman	Alfalfa / 30	Oct-24	G: 34739	Spring Chisel	5.7	19	132	26	13-13-17-9S	plant	None	Dual II Mag 1.0 pt/A
Irrigated		May-8	Sep-14	S: 31582	Disk	OM %: 1.9			115	46-0-0	post		Hornet 4.0 oz/A
Cress Sandy Loam													Atrazine 4L 8.0 oz/A
Silt Loam		Soybean / 30	Oct-24	G: 33133	Spring Chisel	6.3	2.1	138	36	9-23-30	pre	None	Dual II Mag 1.0 pt/A
Antigo Silt Loam		May-10	Sep-21	S: 30365	Disk	OM %: 2.0			26	13-13-17-9S	plant		Hornet 4.0 oz/A
									115	46-0-0	post		Atrazine 4L 8.0 oz/A
Dryland		Alfalfa / 30	Oct-24	G: 29810	Spring Chisel	6.4	24	137	27	18-46-0	pre	None	Dual II Mag 1.0 pt/A
Cress Sandy Loam		May-9			Disk	OM %: 1.3			26	13-13-17-9S	plant		Hornet 4.0 oz/A
									69	46-0-0	post		Atrazine 4L 8.0 oz/A
Valders	D. Wagner	Soybean / 30	Oct-31	G: 30772	Chisel Plow	7.6	46	100	9000 gal	Manure	pre	Force 3G	Steadfast 1.0 oz/A
Kewaunee Clay Loam		June-1		O: 29001	Field Cultivator	OM %: 2.9			18	9-11-30-6S-1Zn	plant	4.4 lbs/A	Keystone 1.5 pt
			Sep-29	S: 33022	Turbo-Till				180	28-0-0	post		Callisto 3.0 oz/A
													Atrazine 0.25 lb/A

Note: G=Grain, S=Silage, O=Organic.

Table 7. Southern Zone - Early Maturity Grain Trial. (page 1 of 2)

105 day Relative Maturity or earlier based on company rating (Arlington= ARL, Janesville= JAN, Montfort=MON)

			2017								2016				
			Average					Yield (bu/A)			Average		Yield (bu/A)		
Brand	Hybrid	Traits†	Yield (bu/A)	P.I. #	Moist %	Test Wt.	Lodge %	ARL	JAN	MON	Yield (bu/A)	P.I. #	ARL	JAN	MON
Munson	6029VT2P	CB,RR	228	98	20.0	56	1	228	230	226					
InVision	FS 52RL0 EZR	CB,LL,RR	239	99	21.1	55	2	236	235	248					
Tracy Seeds	T102-14 (3000GTA)	CB,LL,RR,RW-wo	234	98	21.1	57	0	256	218	228	244	99	259	235	238
Munson	6253SS	CB,LL,RR,RW	219	95	21.3	54	0	231	210	216					
Wyffels	W2618RIB	CB,LL,RR,RW	240	99	21.5	55	1	243	241	236					
Titan Pro	TP53-03-2P	CB,RR	243	100	21.6	55	0	243	* 242	243					
Cornelius	C408DP	CB,RR,RW	258	* 103	21.6	55	1	265	* 261	248	271	* 104	271	* 289	252
AgriGold	A63031VT2RIBD1	CB,DT,RR	231	98	21.7	54	1	238	227	229					
Golden Harvest	G03C84-3120	CB,LL,RR	255	* 102	21.7	55	2	249	* 261	256					
Cornelius	C380	None	241	100	21.7	56	0	251	234	239					
NuTech/G2 Genetics	5F702	CB,LL,RR	251	101	21.9	53	2	259	241	251	265	103	279	244	* 273
NuTech/G2 Genetics	X5LN-0308	CB,LL,RR,RW	224	96	22.0	54	0	250	209	213					
NuTech/G2 Genetics	5F503	CB,LL,RR	254	* 102	22.1	55	0	* 275	* 244	244	* 284	* 107	* 307	* 268	* 278
Titan Pro	TP75-01SS	CB,LL,RR,RW	248	101	22.1	55	0	261	* 244	237					
AgriGold	A6267STXRIB	CB,LL,RR,RW	241	99	22.1	54	1	248	234	242	249	100	259	243	244
Cornelius	C452SS	CB,LL,RR,RW	251	101	22.2	57	1	255	240	258					
100-DAY HYBRID TRIAL AVERAGE##					22.2										
Munson	6275VT2P	CB,RR	255	* 102	22.3	55	0	262	* 243	259					
InVision	FS 52ZX1 RIB	CB,LL,RR,RW	243	100	22.3	57	1	* 271	226	234	242	98	261	232	234
ProHarvest	6338SXRIB	CB,LL,RR,RW	244	100	22.5	54	1	250	228	255	244	99	250	240	241
AgriGold	A6351STXRIB	CB,LL,RR,RW	229	97	22.6	56	1	241	229	217	249	99	252	245	250
Jung	7S579RIB	CB,LL,RR,RW	251	101	22.6	56	1	* 271	240	243					
Federal Hybrids	5370SSRIB	CB,LL,RR,RW	246	100	22.6	56	1	256	233	249					
InVision	FS 54ZX1 RIB	CB,LL,RR,RW	243	100	22.7	56	0	263	239	227	248	99	263	240	240
Legend Seeds	LR9804GENSSRIB	CB,LL,RR,RW	253	* 102	22.7	55	0	270	* 247	241					
LG Seeds	LG5507STXRIB	CB,LL,RR,RW	231	97	22.8	55	0	254	222	216	245	99	266	227	242
Munson	6434SS	CB,LL,RR,RW	242	99	22.8	49	2	* 278	221	228					
NuTech/G2 Genetics	5F601	CB,LL,RR-wo	248	100	22.8	54	1	253	* 246	246	* 281	* 106	282	* 275	* 287
Beck's	EX1736 Brand	CB,LL,RR,RW-wo	222	95	22.9	55	0	250	203	215					
Cornelius	C449DP	CB,RR,RW	252	101	23.0	55	2	* 282	228	246					
NuTech/G2 Genetics	5F504	CB,LL,RR	* 265	* 104	23.1	55	1	* 272	* 254	* 268	* 281	* 106	* 289	* 275	* 280
Federal Hybrids	5570SSRIB	CB,LL,RR,RW	250	101	23.1	55	0	* 272	235	244					
Renk	RK717SSTX	CB,LL,RR,RW	254	* 102	23.1	56	0	268	* 243	250	* 288	* 107	* 294	* 289	* 283
Jung	54SS528	CB,LL,RR,RW	260	* 103	23.2	54	0	* 272	* 244	* 263					
Dairyland	DS9804SSX	CB,LL,RR,RW	233	97	23.4	53	4	232	228	240					

CONTINUED.

Table 7 (continued). Southern Zone - Early Maturity Grain Trial. (page 2 of 2)

105 day Relative Maturity or earlier based on company rating (Arlington= ARL, Janesville= JAN, Montfort=MON)

			2017								2016				
			Average					Yield (bu/A)			Average		Yield (bu/A)		
Brand	Hybrid	Traits†	Yield (bu/A)	P.I. #	Moist %	Test Wt.	Lodge %	ARL	JAN	MON	Yield (bu/A)	P.I. #	ARL	JAN	MON
105-DAY HYBRID TRIAL AVERAGE##					23.5										
Jung	53SS517RIB	CB,LL,RR,RW	* 262	* 103	23.5	55	0	* 276	* 254	255					
ProHarvest	6420SXRIB	CB,LL,RR,RW	240	99	23.6	55	1	254	231	236					
Federal Hybrids	5280SS	CB,LL,RR,RW	250	100	23.7	56	1	265	240	245					
Power Plus	2Y06AM	CB,LL,RR	255	101	23.9	55	1	269	240	256	* 274	* 105	273	* 275	* 274
Jung	52SS507RIB	CB,LL,RR,RW	260	* 102	24.1	54	1	260	* 252	* 270					
Tracy Seeds	T104-26 (3122EZ)	CB,LL,RR,RW	255	101	24.1	52	1	* 275	* 255	235					
Power Plus	2B77AMXT	CB,LL,RR,RW	250	100	24.2	54	1	265	* 243	241	* 279	* 105	288	267	* 283
PIP	5702	RR	211	92	24.2	55	1	220	204	210					
AgriGold	A6346VT2RIB	CB,RR	242	99	24.3	54	1	253	* 243	231					
Beck's	5513AMXT Brand	CB,LL,RR,RW	* 264	* 103	24.4	54	1	* 279	* 245	* 267	269	103	284	263	260
AgriGold	A63554VT2PRO	CB,RR	* 275	* 105	24.5	54	0	* 286	* 253	* 287					
InVision	FS 55TX1 RIB	CB,LL,RR,RW	251	100	24.7	55	0	270	237	246					
Great Lakes	5556VT2RIB	CB,RR	249	100	24.8	54	1	260	230	258					
Wyffels	W4196	CB,RR	* 273	* 105	24.9	55	0	* 281	* 255	* 284					
LG Seeds	LG5520STXRIB	CB,LL,RR,RW	252	100	25.2	54	1	262	* 257	239	238	97	250	228	236
Golden Harvest	G05B91-3010	CB,LL,RR	223	94	25.2	54	2	209	222	238					
DeKalb	DKC55-84RIB	CB,LL,RR,RW	* 264	* 103	25.2	54	0	263	* 247	* 282					
Dairyland	DS9508RA	CB,LL,RR,RW	260	101	26.1	53	0	* 278	* 245	258					
PIP	5704	RR	232	96	26.1	55	1	228	231	237					
Legacy Seeds	L5516	CB,LL,RR,RW	257	101	26.3	55	0	* 289	238	243	255	100	272	247	247
MEAN			246	100	23.1	55	1	258	237	244	251	100	261	242	250
LSD(0.10)**			14	3	1.1	2	1	18	19	27	15	3	18	21	18

† Traits: CB=Corn Borer, DT=Drought Tolerant, LL=Liberty Link, RR=Roundup Ready, RW=Corn Rootworm, lfy=Leafy, ND=Nutri-Dense, wo=Water Optimize.

Average grain moisture of all hybrids in the trial as rated by the participating company maturity rating systems. Ratings are rounded to 5 day increments.

‡ All plots of this hybrid sustained herbicide damage in the Janesville trial. The hybrid was dropped from the multi-location average analysis.

* Hybrids that performed statistically similar to the highest hybrid in the trial.

Shaded results provide the best estimate of relative hybrid performance.

Table 8. Southern Zone - Late Maturity Grain Trial. (page 1 of 2)

106 day Relative Maturity or later based on company rating (Arlington= ARL, Janesville= JAN, Montfort=MON)

			2017								2016				
			Average								Average				
			Yield	P.I.	Moist	Test	Lodge	Yield (bu/A)			Yield	P.I.	Yield (bu/A)		
Brand	Hybrid	Traits†	(bu/A)	#	%	Wt.	%	ARL	JAN	MON	(bu/A)	#	ARL	JAN	MON
AgriGold	A63655VT2PRO	CB,RR	247	101	23.2	57	2	250	237	254					
Great Lakes	5626VT2PRO	CB,RR	239	99	23.3	58	2	247	226	245					
InVision	FS 57TX1 RIB	CB,LL,RR,RW	235	99	23.4	56	0	251	226	229	234	96	234	230	237
LG Seeds	LG5530VT2P	CB,RR	227	97	23.6	57	3	229	217	235					
Cornelius	C461SS	CB,LL,RR,RW	260	* 104	23.6	55	0	270	* 256	253					
Titan Pro	TP77-06SS	CB,LL,RR,RW	239	99	23.7	56	1	266	213	239					
Legend Seeds	LR9806GENSSRIB	CB,LL,RR,RW	240	100	23.7	56	0	248	225	248					
Legacy Seeds	L6047	CB,LL,RR,RW	242	100	24.1	55	0	260	238	229					
Jung	56DP538	CB,RR	243	100	24.3	51	0	256	233	241					
Tracy Seeds	T107-25 (3220)	CB,LL,RR	242	100	24.5	54	1	244	229	254					
AgriGold	A63656STX	CB,LL,RR,RW	257	* 102	24.7	55	1	254	246	* 271					
NuTech/G2 Genetics	5D906	CB,LL,RR	249	101	24.7	55	2	256	242	249					
Dairyland	DS6106	RR	259	* 103	24.8	55	1	* 278	242	* 258					
Munson	6699SS	CB,LL,RR,RW	238	98	24.8	55	1	254	231	229	254	99	258	256	249
Jung	7S671RIB	CB,LL,RR,RW	234	98	24.9	54	0	240	225	237					
105-DAY HYBRID TRIAL AVERAGE##					24.9										
NuTech/G2 Genetics	5H806	CB,LL,RR	251	101	25.0	55	1	254	240	* 257	271	* 103	279	257	* 278
Dekalb	DKC58-06RIB	CB,LL,RR,RW	249	101	25.2	56	1	263	235	248	* 277	* 104	* 290	* 272	* 271
Wyffels	W3078RIB	CB,LL,RR,RW	249	100	25.4	56	1	258	240	250					
Federal Hybrids	5670SSRIB	CB,LL,RR,RW	250	100	26.0	56	0	266	239	245					
Wyffels	W5448RIB	CB,LL,RR,RW	248	100	26.0	56	1	261	240	242					
Legend Seeds	LR9809VT2PRIB	CB,RR	242	99	26.1	55	1	261	218	246					
Beck's	5883SX	CB,LL,RR,RW	227	96	26.1	56	1	229	220	231					
Renk	RK792SSTX	CB,LL,RR,RW	228	96	26.2	55	1	247	211	225	244	96	248	224	260
Great Lakes	5910VT2RIB	CB,RR	252	101	26.2	55	2	257	232	* 268					
Dekalb	DKC56-45RIB	CB,LL,RR,RW	251	101	26.3	54	0	253	* 250	249					
Cornelius	C633DP	CB,RR	254	101	26.3	55	1	257	242	* 263					
Legend Seeds	LR9608GENSSRIB	CB,LL,RR,RW	231	97	26.3	55	1	230	233	230	253	99	255	246	258
Tracy Seeds	T108-26 (3111)	CB,LL,RR,RW	242	99	26.3	54	1	242	233	251	248	98	257	250	236
Power Plus	X4A67AM	CB,LL,RR	* 264	* 103	26.4	56	1	* 277	* 259	255					
Legacy Seeds	L7236	CB,LL,RR,RW	260	* 102	26.4	55	1	266	* 252	* 263					
AgriGold	A6413STXRIB	CB,LL,RR,RW	250	100	26.5	56	1	256	244	250	255	100	277	236	253
Great Lakes	5824STXRIB	CB,LL,RR,RW	251	100	26.6	56	1	259	242	251	260	101	263	264	254
Munson	7091VT2P	CB,RR	257	101	26.6	55	1	269	239	* 263					
NuTech/G2 Genetics	5F308	CB,LL,RR	259	* 102	26.7	56	0	263	241	* 272	* 292	* 106	* 309	* 286	* 280
Renk	RK776SSTX	CB,LL,RR,RW	245	99	26.8	56	0	* 274	220	240	250	98	270	237	244
NuTech/G2 Genetics	5F709	CB,LL,RR-wo	248	100	26.8	55	0	259	233	253	268	102	286	261	258
NuTech/G2 Genetics	5FB1010	CB,LL,RR	259	* 102	26.9	55	1	270	232	* 275					
NuTech/G2 Genetics	5F510	CB,LL,RR	* 265	* 103	26.9	56	1	* 279	* 248	* 266	* 280	* 104	* 299	261	* 281
AgriGold	A6462STXRIB	CB,LL,RR,RW	255	101	27.0	54	0	* 280	237	249	268	102	* 297	252	255

Table 8 (continued). Southern Zone - Late Maturity Grain Trial. (page 2 of 2)

106 day Relative Maturity or later based on company rating (Arlington= ARL, Janesville= JAN, Montfort=MON)

			2017								2016				
			Average					Yield (bu/A)			Average		Yield (bu/A)		
Brand	Hybrid	Traits†	Yield (bu/A)	P.I. #	Moist %	Test Wt.	Lodge %	ARL	JAN	MON	Yield (bu/A)	P.I. #	ARL	JAN	MON
PIP	5706	CB,LL,RR,RW	244	99	27.0	54	1	261	242	230					
Cornelius	C585DP	CB,RR,RW	254	101	27.1	54	0	265	240	* 257					
Legacy Seeds	L6827	CB,LL,RR,RW	* 265	* 103	27.4	55	1	* 289	241	* 263					
LG Seeds	LG5548STXRIB	CB,LL,RR,RW	258	101	27.4	55	1	268	238	* 267	* 278	* 104	* 299	* 271	* 265
InVision	FS 60QV1 RIB	CB,RR	243	98	27.4	54	1	251	225	253	256	100	263	240	* 264
AgriGold	A63940VT2PRO	CB,RR	255	101	27.4	53	0	* 286	231	247					
Dairyland	DS9510SSX	CB,LL,RR,RW	252	100	27.4	54	0	265	242	250					
Munson	6978VT2P	CB,RR	251	100	27.4	55	1	257	247	249	266	101	277	260	261
110-DAY HYBRID TRIAL AVERAGE##					27.5										
Power Plus	4J95AMX	CB,LL,RR,RW-wo	235	97	27.5	53	0	260	221	223	273	* 103	284	264	* 272
Renk	6-798VT2P	CB,RR	256	101	27.5	55	0	271	233	* 265	246	98	241	242	255
NK Brand	N66V-3122	CB,LL,RR,RW	* 270	* 104	27.5	55	0	* 282	* 260	* 268					
InVision	FS 59VL1 RIB	CB,LL,RR	232	96	27.6	51	2	226	226	244					
Munson	6819SS	CB,LL,RR,RW	260	* 102	27.6	55	0	270	* 251	* 259					
DeKalb	DKC60-87RIB	CB,LL,RR,RW	* 265	* 103	27.6	57	1	269	* 255	* 272					
DeKalb	DKC62-20RIB	CB,LL,RR,RW	* 277	* 105	27.6	54	0	* 292	* 267	* 272					
Dekalb	DKC57-97RIB	CB,LL,RR,RW	262	* 102	27.7	53	1	* 284	237	* 263					
AgriGold	A64077VT2PRO	CB,RR	253	100	27.7	55	0	266	236	* 258					
InVision	FS 61SX1 RIB	CB,LL,RR,RW	261	* 102	27.8	54	1	264	* 263	255	265	101	269	256	* 271
DeKalb	DKC63-60RIB	CB,LL,RR,RW	* 267	* 103	27.9	56	1	263	* 263	* 275					
O'Brien Hybrids	OS110	None	237	97	28.0	54	2	255	204	251					
AgriGold	A64178STX	CB,LL,RR,RW	256	100	28.1	57	2	248	* 248	* 272					
LG Seeds	LG5590VT2P	CB,RR	252	100	28.2	53	1	* 274	228	253					
Cornelius	C621SS	CB,LL,RR,RW	248	99	28.2	54	1	256	* 250	237	275	* 103	* 298	259	* 267
Great Lakes	5935STX	CB,LL,RR,RW	248	99	28.7	54	0	245	236	* 262					
LG Seeds	LG5618STXRIB	CB,LL,RR,RW	241	97	28.8	55	1	241	245	237	261	99	255	* 270	257
Jung	58SS537RIB	CB,LL,RR,RW	252	99	28.9	54	1	263	242	252					
AgriGold	A63941STX	CB,LL,RR,RW	247	98	28.9	54	1	260	226	254					
O'Brien Hybrids	OBX112	None	244	97	29.6	53	2	262	209	* 260					
Beck's	6274SX	CB,LL,RR,RW	254	100	29.9	55	1	266	* 249	249					
Renk	RK842SSTX	CB,LL,RR,RW	256	99	30.1	54	2	271	232	* 265					
AgriGold	A6499STXRIB	CB,LL,RR,RW	236	96	30.1	55	1	251	234	224	275	102	* 300	* 274	250
AgriGold	A64259STX	CB,LL,RR,RW	255	99	30.2	55	1	* 272	230	* 264					
Jung	61SS608	CB,LL,RR,RW	255	99	30.5	55	1	259	245	* 261					
MEAN			250	100	26.7	55	1	260	237	252	259	100	271	253	254
LSD(0.10)**			13	3	1.6	2	1	20	19	18	16	3	21	20	18

† Traits: CB=Corn Borer, DT=Drought Tolerant, LL=Liberty Link, RR=Roundup Ready, RW=Corn Rootworm, lfy=Leafy, ND=Nutri-Dense, wo=Water Optimize.

Average grain moisture of all hybrids in the trial as rated by the participating company maturity rating systems. Ratings are rounded to 5 day increments.

* Hybrids that performed statistically similar to the highest hybrid in the trial.

Shaded results provide the best estimate of relative hybrid performance.

Table 9. South Central Zone - Early Maturity Grain Trial. (page 1 of 2)

100 day Relative Maturity or earlier based on company rating (Fond du Lac= FON, Galesville= GAL, Hancock= HAN)

			2017								2016				
			Average					Yield (bu/A)			Average		Yield (bu/A)		
Brand	Hybrid	Traits†	Yield (bu/A)	P.I. #	Moist %	Test Wt.	Lodge %	FON	GAL	HAN	Yield (bu/A)	P.I. #	FON	GAL	HAN
Great Lakes	4548VT2RIB	CB,RR	212	96	20.3	57	2	227	215	193					
AgriGold	A6179STXRIB	CB,LL,RR,RW	209	96	20.7	55	1	224	205	197	219	99	223	199	235
Golden Harvest	G97N86-3110	CB,LL,RR	* 255	* 105	21.9	55	0	* 252	258	* 255					
Dairyland	EX-09604	CB,LL,RR	* 243	* 103	21.9	54	0	249	245	236					
AgriGold	A624-11-3110	CB,LL,RR-wo	227	99	22.1	57	0	242	238	202					
ProHarvest	4777SXRIB	CB,LL,RR,RW	209	95	22.3	54	0	214	224	189	228	100	223	235	226
AgriGold	A6199STXRIB	CB,LL,RR,RW	234	100	22.6	53	0	248	236	217	208	96	218	213	194
Great Lakes	5029VT2RIB	CB,RR	226	99	22.7	54	0	227	241	211	222	99	209	236	220
Tracy Seeds	T096-25 (GT)	RR	215	96	23.1	55	2	226	218	201					
NuTech/G2 Genetics	5FN6097	CB,LL,RR	222	97	23.4	52	0	223	245	198					
95-DAY HYBRID TRIAL AVERAGE##					23.5										
Legacy Seeds	L3626	CB,RR	221	97	23.5	53	0	232	211	220					
InVision	FS 46RL0 EZR	CB,LL,RR	* 249	* 102	23.8	55	4	243	* 265	240					
InVision	FS 50VX1 RIB	CB,LL,RR,RW	233	99	23.9	54	1	234	248	215	221	99	228	222	213
Dairyland	EX-09706	CB,LL,RR	240	101	24.0	55	3	236	258	227					
Golden Harvest	G95D32-3110	CB,LL,RR	* 252	* 103	24.1	56	1	* 256	254	246	240	103	225	253	242
Beck's	4824BR	CB,LL,RR	* 250	* 102	24.2	55	3	238	* 269	242					
Golden Harvest	G96V99-3120	CB,LL,RR	* 244	* 102	24.2	56	2	238	255	241	227	99	211	238	231
Great Lakes	4988VT2PRO	CB,RR	* 246	* 102	24.2	55	0	* 252	* 263	224					
Legend Seeds	LR9798VT2PRIB	CB,RR	235	100	24.3	54	1	237	240	228					
PIP	4796	CB,LL,RR	239	100	24.3	54	1	238	256	223					
Titan Pro	TP71-98-2P	CB,RR	226	98	24.4	53	0	235	218	224					
Dairyland	DS9599	CB,LL,RR,RW	* 249	* 103	24.4	54	0	* 256	250	242	228	100	217	232	233
LG Seeds	LG5465VT2P	CB,RR	* 250	* 103	24.6	55	0	* 255	260	234					
LG Seeds	LG5494VT2P	CB,RR	* 252	* 103	24.6	54	0	* 256	* 266	233					
Dekalb	DKC46-36RIB	CB,LL,RR,RW	236	100	24.7	54	0	243	235	230	* 252	* 106	* 238	* 258	* 260
NuTech/G2 Genetics	5F196	CB,LL,RR	* 252	* 103	24.7	52	0	* 266	252	237	* 261	* 107	* 245	* 275	* 262
Steyer Seeds	WEXP10137	CB,DT,RR	* 247	* 102	24.8	54	3	242	* 263	235					
Golden Harvest	G98L17-3000GT	CB,LL,RR,RW	* 251	* 102	24.9	54	3	249	252	* 251					
Jung	47SS438	CB,LL,RR,RW	238	100	24.9	55	1	250	235	227					
Frontiersmen	097-D8VT2P	CB,RR	231	99	25.0	54	0	227	237	228					
DeKalb	DKC49-73RIB	CB,RR	* 245	101	25.1	54	0	* 252	242	239					
NuTech/G2 Genetics	5FN5096	CB,LL,RR	214	95	25.1	54	0	221	239	183					
Great Lakes	4728VT2PRO	CB,RR	* 247	* 102	25.3	55	0	245	254	241					
AgriGold	A62820VT2PRO	CB,RR	* 257	* 104	25.4	54	0	* 258	* 278	236					

CONTINUED.

Table 9 (continued). South Central Zone - Early Maturity Grain Trial. (page 2 of 2)

100 day Relative Maturity or earlier based on company rating (Fond du Lac= FON, Galesville= GAL, Hancock= HAN)

			2017								2016				
			Average					Yield (bu/A)			Average		Yield (bu/A)		
Brand	Hybrid	Traits†	Yield (bu/A)	P.I. #	Moist %	Test Wt.	Lodge %	FON	GAL	HAN	Yield (bu/A)	P.I. #	FON	GAL	HAN
InVision	FS 49ZX1 RIB	CB,LL,RR,RW	* 254	* 103	25.4	54	0	* 256	256	* 248					
100-DAY HYBRID TRIAL AVERAGE##					25.5										
Renk	RK595SSTX	CB,LL,RR,RW	241	100	25.6	54	0	242	239	241	* 258	* 106	* 246	* 263	* 264
Legacy Seeds	L3916	CB,LL,RR,RW	241	100	25.6	54	0	239	242	242					
AgriGold	A6257STXRIB	CB,LL,RR,RW	218	95	25.6	53	0	226	243	184	225	100	226	222	226
Renk	RK608DGVT2P	CB,DT,RR	240	100	25.9	53	0	245	245	231	238	102	* 249	219	245
Jung	7S495RIB	CB,LL,RR,RW	* 245	101	25.9	56	0	250	256	229					
Jung	49SS437RIB	CB,LL,RR,RW	* 256	* 104	26.0	54	0	* 259	248	* 262					
Titan Pro	TP78-98SS	CB,LL,RR,RW	230	98	26.1	54	0	239	233	218					
Legacy Seeds	L4317	CB,LL,RR,RW	205	92	26.3	54	2	227	232	157					
Beck's	4919SX	CB,LL,RR,RW	235	99	26.3	53	0	234	241	229	* 247	* 104	* 242	251	247
Legacy Seeds	L3816	CB,DT,RR	234	99	26.3	53	0	239	238	224					
ProHarvest	4825SXRIB	CB,LL,RR,RW	230	98	26.4	55	0	231	248	212	230	100	228	235	226
Jung	50SS508	CB,LL,RR,RW	* 246	101	26.5	54	0	240	* 265	232					
DeKalb	DKC50-08RIB	CB,LL,RR,RW	* 250	* 102	26.6	53	0	250	* 269	230					
AgriGold	A63031VT2RIBD1	CB,DT,RR	237	99	26.7	52	0	243	250	220					
AgriGold	A62922STX	CB,LL,RR,RW	* 243	100	26.8	55	0	244	260	224					
LG Seeds	LG5499STXRIB	CB,LL,RR,RW	* 253	* 102	27.2	53	1	* 256	* 263	241	* 247	* 104	231	* 258	* 252
NuTech/G2 Genetics	5FN7099	CB,LL,RR	232	97	27.9	51	0	241	256	199					
MEAN			237	100	24.7	54	1	241	246	224	227	100	223	229	229
LSD(0.10)**			15	3	1.2	1	2	15	16	15	15	3	17	17	15

† Traits: CB=Corn Borer, DT=Drought Tolerant, LL=Liberty Link, RR=Roundup Ready, RW=Corn Rootworm, lfy=Leafy, ND=Nutri-Dense, wo=Water Optimize.

Average grain moisture of all hybrids in the trial as rated by the participating company maturity rating systems. Ratings are rounded to 5 day increments.

* Hybrids that performed statistically similar to the highest hybrid in the trial.

Shaded results provide the best estimate of relative hybrid performance.

Table 10. South Central Zone - Late Maturity Grain Trial. (page 1 of 2)

101 day Relative Maturity or later based on company rating (Fond du Lac= FON, Galesville= GAL, Hancock= HAN)

			2017								2016				
			Average					Yield (bu/A)			Average		Yield (bu/A)		
Brand	Hybrid	Traits†	Yield (bu/A)	P.I. #	Moist %	Test Wt.	Lodge %	FON	GAL	HAN	Yield (bu/A)	P.I. #	FON	GAL	HAN
AgriGold	A6283VT2RIB	CB,RR	224	99	23.9	53	0	223	234	215	212	96	217	208	211
Cornelius	C380	None	232	100	25.7	54	0	237	230	229					
Dekalb	DKC51-38RIB	CB,LL,RR,RW	245	* 102	25.9	54	3	248	248	239					
InVision	FS 52RL0 EZR	CB,LL,RR	230	99	26.6	54	0	227	244	219					
Renk	RK629VT3P	CB,RR,RW	242	* 102	26.6	55	0	248	251	226	226	98	211	232	234
PIP	5701	CB,LL,RR	216	96	26.6	53	3	224	227	199					
Legend Seeds	LR9701VT2PRIB	CB,RR	221	97	26.7	56	1	211	226	227					
InVision	FS 52ZX1 RIB	CB,LL,RR,RW	240	* 101	26.8	55	2	226	244	249	218	97	214	214	227
Great Lakes	5470STXRIB	CB,LL,RR,RW	240	* 101	27.1	54	2	220	249	251	234	100	* 247	234	221
Jung	7S522RIB	CB,LL,RR,RW	243	* 102	27.3	53	1	* 252	247	230					
Great Lakes	5283STXRIB	CB,LL,RR,RW	* 250	* 103	27.3	54	1	* 253	252	245	230	99	243	225	223
Dairyland	DS9804SSX	CB,LL,RR,RW	220	97	27.3	53	1	233	220	207					
Renk	RK680SSTX	CB,LL,RR,RW	227	98	27.4	53	0	219	230	232	228	99	237	214	232
100-DAY HYBRID TRIAL AVERAGE##					27.5										
AgriGold	A6267STXRIB	CB,LL,RR,RW	* 251	* 103	27.5	53	1	* 254	260	239	238	101	238	238	237
Frontiersmen	101-C7GENSS	CB,LL,RR,RW	194	91	27.6	54	0	210	213	158					
Tracy Seeds	T102-14 (3000GTA)	CB,LL,RR,RW-wo	234	100	27.6	55	0	233	246	223	232	100	229	224	242
Titan Pro	TP75-01SS	CB,LL,RR,RW	238	100	27.6	54	0	247	231	235					
ProHarvest	6338SXRIB	CB,LL,RR,RW	243	* 101	27.8	54	0	246	243	239	237	101	235	253	223
LG Seeds	LG5505STX	CB,LL,RR,RW	231	99	27.9	55	0	227	248	218					
ProHarvest	6163SXRIB	CB,LL,RR,RW	188	90	28.1	53	1	215	196	152					
Dairyland	DS9802RA	CB,LL,RR,RW	222	97	28.1	52	0	232	205	229					
Frontiersmen	103-C7GENSS	CB,LL,RR,RW	* 252	* 103	28.2	53	0	238	266	251					
Renk	RK717SSTX	CB,LL,RR,RW	* 248	* 102	28.4	55	0	* 257	253	235	252	* 104	233	269	254
Beck's	EX1736 Brand	CB,LL,RR,RW-wo	210	94	28.4	54	0	218	205	206					
NuTech/G2 Genetics	5F503	CB,LL,RR	* 247	* 102	28.4	55	0	245	259	237	* 262	* 106	* 257	266	263
NuTech/G2 Genetics	5F601	CB,LL,RR-wo	242	* 101	28.6	55	0	232	257	237	* 261	* 105	* 248	* 277	259
Dairyland	DS6106	RR	* 264	* 105	28.6	60	0	247	* 277	* 268					
NuTech/G2 Genetics	5F702	CB,LL,RR	237	100	28.7	52	1	222	260	228	253	* 104	243	261	256
Renk	RK675DGVT2P	CB,DT,RR	233	99	28.7	53	0	242	229	227	228	99	236	220	227
NuTech/G2 Genetics	X5LN-0308	CB,LL,RR,RW	211	94	28.8	60	0	224	216	195					
Dekalb	DKC52-68RIB	CB,RR	* 255	* 103	29.3	53	2	243	252	* 270	255	* 104	* 245	262	257
O'Brien Hybrids	OBX1103	CB,LL,RR,RW	218	95	29.3	53	1	231	235	188					
Legend Seeds	LR9804GENSSRIB	CB,LL,RR,RW	* 256	* 103	29.3	54	0	* 269	260	240					
Cornelius	C408DP	CB,RR,RW	* 259	* 104	29.3	54	1	* 260	259	* 260	244	102	231	257	245

CONTINUED.

Table 10 (continued). South Central Zone - Late Maturity Grain Trial. (page 2 of 2)

101 day Relative Maturity or later based on company rating (Fond du Lac= FON, Galesville= GAL, Hancock= HAN)

			2017								2016				
			Average								Average				
			Yield	P.I.	Moist	Test	Lodge	Yield (bu/A)			Yield	P.I.	Yield (bu/A)		
Brand	Hybrid	Traits†	(bu/A)	#	%	Wt.	%	FON	GAL	HAN	(bu/A)	#	FON	GAL	HAN
Brunner	4044	None	* 247	* 101	29.5	53	3	240	251	251	253	103	239	255	* 266
InVision	FS 54ZX1 RIB	CB,LL,RR,RW	244	* 101	29.5	54	0	240	244	246	232	99	231	238	228
Tracy Seeds	T104-26 (3122EZ)	CB,LL,RR,RW	243	* 101	29.6	52	1	233	249	248					
105-DAY HYBRID TRIAL AVERAGE##					29.6										
Legend Seeds	LR9806GENSSRIB	CB,LL,RR,RW	243	100	29.6	54	0	248	257	223					
AgriGold	A6346VT2RIB	CB,RR	* 252	* 102	29.8	54	3	* 258	261	238					
Renk	7-637	None	212	94	29.8	54	1	220	211	207					
InVision	FS 55TX1 RIB	CB,LL,RR,RW	* 250	* 102	29.8	54	0	242	267	242					
Legacy Seeds	L6047	CB,LL,RR,RW	233	98	29.9	54	0	244	237	218					
DuPont Pioneer	P0506AM	CB,LL,RR,wo	234	98	29.9	54	0	221	240	239	251	103	241	239	* 272
Renk	RK642SSTX	CB,LL,RR,RW	* 254	* 103	29.9	55	0	* 253	266	244					
NuTech/G2 Genetics	5F504	CB,LL,RR	* 262	* 104	30.4	55	0	242	* 281	* 264	* 261	* 105	242	258	* 283
Steyer Seeds	WEXP10537	CB,LL,RR	* 250	* 101	30.7	53	0	* 256	245	248					
Legacy Seeds	L5516	CB,LL,RR,RW	* 250	* 101	31.0	55	1	246	* 277	227	243	102	238	254	238
NuTech/G2 Genetics	5H806	CB,LL,RR	* 260	* 103	31.2	55	0	232	* 288	* 259	256	* 104	* 252	249	* 269
Jung	52SS507RIB	CB,LL,RR,RW	* 251	* 101	31.6	54	0	* 253	252	249					
Legend Seeds	LR9608GENSSRIB	CB,LL,RR,RW	245	100	31.8	54	0	* 257	259	219					
Dekalb	DKC56-45RIB	CB,LL,RR,RW	* 258	* 102	31.9	55	1	* 255	* 268	250					
Steyer Seeds	WEXP10637	CB,LL,RR	236	98	32.1	54	0	* 260	243	204					
Beck's	5665AMX Brand	CB,LL,RR,RW	* 259	* 102	32.2	55	1	* 258	* 269	251	* 261	* 104	* 264	255	264
DeKalb	DKC55-84RIB	CB,LL,RR,RW	* 254	* 101	32.3	54	0	* 263	256	244					
O'Brien Hybrids	OB1108	None	* 249	100	32.6	55	1	* 257	241	248					
NuTech/G2 Genetics	5D906	CB,LL,RR	* 249	100	33.4	55	0	247	253	247					
MEAN			239	100	28.9	54	1	240	246	232	235	100	232	236	238
LSD(0.10)**			17	4	1.8	1	2	18	20	18	16	3	20	20	18

† Traits: CB=Corn Borer, DT=Drought Tolerant, LL=Liberty Link, RR=Roundup Ready, RW=Corn Rootworm, lfy=Leafy, ND=Nutri-Dense, wo=Water Optimize.

Average grain moisture of all hybrids in the trial as rated by the participating company maturity rating systems. Ratings are rounded to 5 day increments.

* Hybrids that performed statistically similar to the highest hybrid in the trial.

Shaded results provide the best estimate of relative hybrid performance.

Table 11. North Central Zone - Early Maturity Grain Trial. (page 1 of 2)

93 day Relative Maturity or earlier based on company rating (Chippewa Falls= CHP, Marshfield= MAR, Seymour= SEY, Valders= VAL)

			2017								2016					
			Average					Yield (bu/A)			Average		Yield (bu/A)			
Brand	Hybrid	Traits†	Yield (bu/A)	P.I. #	Moist %	Test Wt.	Lodge %	CHP	SEY	VAL	Yield (bu/A)	P.I. #	CHP	MAR	SEY	VAL
InVision	FS 35SV1 RIB	CB,RR	195	94	20.6	56	1	196	208	180						
Renk	RK264VT2P	CB,RR	198	95	21.0	53	1	175	217	203						
PIP	3890	RR	227	101	21.5	54	0	229	241	212						
Munson	4877-3010	CB,LL,RR	* 241	* 104	21.7	55	0	* 249	241	* 232						
Dairyland	EX-08906	CB,LL,RR	* 241	* 104	21.7	54	0	233	* 261	* 230						
Great Lakes	3870VT2RIB	CB,RR	207	96	21.7	55	0	177	239	203						
Tracy Seeds	T086-26 (3011A)	CB,LL,RR,RW-wo	225	100	21.8	55	0	224	* 255	197	209	101	209	* 222	184	219
ProHarvest	X16321	CB,RR	218	99	21.9	54	0	212	234	207						
Golden Harvest	G89A09-3010	CB,LL,RR	* 254	* 107	22.0	55	0	* 270	* 254	* 238						
85-DAY HYBRID TRIAL AVERAGE##					22.7											
InVision	FS 43R48A	CB,LL,RR-wo	234	102	22.8	55	0	238	241	* 222						
Brunner	3915GT-3110	CB,LL,RR	233	101	22.9	53	0	238	* 252	209	193	97	205	174	186	206
Renk	RK408RR	RR	* 249	* 105	22.9	53	0	* 248	* 268	* 231						
Jung	4D331RIB	CB,RR	233	101	23.1	54	0	236	238	* 224	214	102	195	208	* 213	* 240
Great Lakes	4062VT2RIB	CB,RR	* 243	* 103	23.3	54	0	* 247	* 255	* 226						
Golden Harvest	G90Y04-3110A	CB,LL,RR-wo	* 248	* 104	23.4	56	1	* 248	* 268	* 230	* 237	* 107	* 252	* 234	* 209	* 251
Tracy Seeds	T093-26 (3110A)	CB,LL,RR-wo	227	100	23.5	55	1	230	242	208						
Dairyland	DS9686	CB,LL,RR,RW	216	97	23.5	54	0	200	241	206	205	100	222	220	178	200
Foundation Direct	8855	None	226	100	23.5	53	0	226	219	* 232						
Great Lakes	4333-3110A	CB,LL,RR-wo	235	102	23.5	55	0	239	243	* 224						
Federal Hybrids	4180VT2P	CB,RR	231	100	23.6	55	1	246	* 256	191						
DeKalb	DKC41-99RIB	CB,RR	235	102	23.7	53	0	236	248	* 222						
Brunner	3920	None	222	99	23.7	53	0	234	218	214						
90-DAY HYBRID TRIAL AVERAGE##					23.8											
Renk	RK287VT2P	CB,RR	228	100	23.8	54	0	225	247	211						
Great Lakes	4250VT2RIB	CB,RR	219	98	23.8	53	0	200	248	210						
Jung	43DP417RIB	CB,RR	229	100	23.9	54	0	220	246	* 220						
Steyer Seeds	WEXP10889	CB,LL,RR	169	87	23.9	54	0	171	175	163						
Dairyland	DS9090SSX	CB,LL,RR,RW	205	95	23.9	52	0	187	230	198						
95-DAY HYBRID TRIAL AVERAGE##					24.0											
PIP	4791	CB,LL,RR	233	101	24.0	55	0	230	245	* 224						
Legend Seeds	LR9492VT2PRIB	CB,RR	236	101	24.2	54	0	233	* 258	* 216	219	* 103	210	* 224	* 210	232
Dekalb	DKC40-77RIB	CB,LL,RR,RW	212	96	24.2	54	0	204	234	199	212	102	200	* 222	201	226
Legend Seeds	LR9891VT2PRIB	CB,RR	* 243	* 103	24.2	54	0	* 247	249	* 233						
Renk	RK433RR	RR	* 247	* 104	24.3	54	0	244	* 264	* 232						

CONTINUED.

Table 11 (continued). North Central Zone - Early Maturity Grain Trial. (page 2 of 2)

93 day Relative Maturity or earlier based on company rating (Chippewa Falls= CHP, Marshfield= MAR, Seymour= SEY, Valders= VAL)

			2017								2016					
			Average					Yield (bu/A)			Average		Yield (bu/A)			
Brand	Hybrid	Traits†	Yield (bu/A)	P.I. #	Moist %	Test Wt.	Lodge %	CHP	SEY	VAL	Yield (bu/A)	P.I. #	CHP	MAR	SEY	VAL
Legacy Seeds	L3335	CB,LL,RR-wo	223	99	24.3	55	0	231	235	202						
Munson	5204-3010	CB,LL,RR	236	101	24.5	55	0	244	* 253	210						
Legacy Seeds	L3115	CB,RR	* 246	* 104	24.7	54	0	* 250	* 255	* 234	* 220	* 103	219	210	* 208	* 242
Federal Hybrids	4240SSRIB	CB,LL,RR,RW	231	100	24.7	54	0	215	* 258	* 218						
Frontiersmen	090-H3VT2P	CB,RR	234	101	24.7	54	0	241	243	* 220						
Legacy Seeds	L3017	CB,RR	* 240	102	24.7	53	0	245	* 256	* 218						
Steyer Seeds	WEXP10937	CB,LL,RR	236	101	24.9	53	0	* 261	247	199						
Federal Hybrids	4160VT2PRIB	CB,RR	236	101	24.9	53	0	* 248	* 257	202	* 232	* 106	* 239	* 231	* 214	* 245
Jung	4D341RIB	CB,RR	236	101	24.9	53	0	223	* 253	* 233						
ProHarvest	4255RR2	RR	228	99	25.0	54	0	238	245	201	* 224	* 104	212	* 236	* 209	* 238
Munson	5016VT2P	CB,RR	235	101	25.0	53	0	* 249	241	215	* 227	* 105	211	* 233	* 225	* 238
Terning Seeds	TS8199GENVT2PRIB	CB,RR	* 244	* 103	25.1	54	0	* 253	* 254	* 225						
Dairyland	DS1091	None	216	97	25.2	56	3	* 249	185	215			* 249	* 227		* 250
O'Brien Hybrids	OBX87	None	192	91	25.6	52	1	178	220	180						
LG Seeds	LG5410VT2RIB	CB,RR	236	101	25.7	53	0	* 252	* 255	202	* 230	* 106	230	* 231	* 225	* 233
Munson	5286VT2P	CB,RR	217	97	25.7	54	0	221	237	193						
MEAN			228	100	23.7	54	0	229	242	213	206	100	196	211	199	221
LSD(0.10)**			17	4	2.0	1	1	23	17	22	17	4	21	17	23	19

† Traits: CB=Corn Borer, DT=Drought Tolerant, LL=Liberty Link, RR=Roundup Ready, RW=Corn Rootworm, lfy=Leafy, ND=Nutri-Dense, wo=Water Optimize.

Average grain moisture of all hybrids in the trial as rated by the participating company maturity rating systems. Ratings are rounded to 5 day increments.

‡ All plots of this hybrid sustained herbicide damage in the Seymour trial. The hybrid was dropped from the multi-location average analysis.

* Hybrids that performed statistically similar to the highest hybrid in the trial.

Shaded results provide the best estimate of relative hybrid performance.

Table 12. North Central Zone - Late Maturity Grain Trial. (page 1 of 2)

94 day Relative Maturity or later based on company rating (Chippewa Falls= CHP, Marshfield= MAR, Seymour= SEY, Valders= VAL)

			2017								2016					
			Average					Yield (bu/A)			Average		Yield (bu/A)			
Brand	Hybrid	Traits†	Yield (bu/A)	P.I. #	Moist %	Test Wt.	Lodge %	CHP	SEY	VAL	Yield (bu/A)	P.I. #	CHP	MAR	SEY	VAL
Great Lakes	4548VT2RIB	CB,RR	226	97	23.0	54	1	201	244	232						
Brunner	3946GT-3110A	CB,LL,RR-wo	240	100	23.2	56	0	230	240	* 249						
Dairyland	DS7294	CB,LL,RR	253	* 103	23.4	57	0	* 256	260	244	219	101	220	232	198	226
Dairyland	EX-09604	CB,LL,RR	248	* 102	23.4	55	0	251	246	* 249						
LG Seeds	LG5420-3110A	CB,LL,RR-wo	247	* 101	23.7	56	0	* 267	240	234						
Golden Harvest	G94U87-3110A	CB,LL,RR-wo	246	* 101	24.0	54	0	* 255	247	235						
NK Brand	N36G-3120	CB,LL,RR	* 259	* 103	24.0	54	1	* 260	266	* 251	* 226	* 102	* 242	* 240	195	229
Legacy Seeds	L3416	CB,RR	227	97	24.1	53	1	201	250	229	200	97	182	194	208	217
InVision	FS 44TV1 RIB	CB,RR	225	96	24.2	54	1	214	241	221	197	97	197	190	194	207
Frontiersmen	094-D7VT2PRIB	CB,RR	237	99	24.2	53	0	212	258	241						
Federal Hybrids	4470VT2P	CB,RR	230	97	24.7	52	0	208	247	235	205	98	197	219	202	202
Jung	4D378RIB	CB,RR	* 259	* 103	24.8	54	0	* 270	259	* 249						
Dekalb	DKC45-65RIB	CB,LL,RR,RW	232	98	24.9	52	0	216	243	238	* 226	* 103	200	231	* 226	* 248
Renk	RK522SSTX	CB,LL,RR,RW	240	99	24.9	52	0	220	258	241	190	94	170	176	211	202
Jung	4D381RIB	CB,RR	231	97	24.9	54	0	231	245	217						
Renk	RK566SSTX	CB,LL,RR,RW	248	* 101	24.9	53	1	229	261	* 254	* 226	* 103	* 246	226	* 221	212
InVision	FS 46RL0 EZR	CB,LL,RR	242	100	25.0	54	0	221	263	243						
ProHarvest	4511RR2	RR	238	99	25.0	54	0	234	253	227	217	101	209	219	208	234
Legacy Seeds	L3715	CB,LL,RR,RW	238	98	25.3	54	1	199	262	* 253	* 224	* 102	* 244	210	* 223	221
Jung	46SS427RIB	CB,LL,RR,RW	251	* 101	25.4	53	0	246	263	243						
95-DAY HYBRID TRIAL AVERAGE##					25.4											
NuTech/G2 Genetics	X5FN9502	CB,LL,RR	246	100	25.4	53	1	231	269	239						
Dekalb	DKC46-79RIB	CB,LL,RR,RW	248	100	25.7	53	1	232	264	246						
Steyer Seeds	WEXP10137	CB,DT,RR	257	* 102	25.9	54	1	* 254	263	* 256						
ProHarvest	X17451	CB,RR	253	* 102	25.9	55	0	247	259	* 253						
Terning Seeds	TS8249GENVT2PRIB	CB,RR	243	99	25.9	55	0	243	253	233						
Dairyland	EX-09706	CB,LL,RR	247	100	25.9	55	1	* 256	254	230						
Steyer Seeds	9401	None	238	98	25.9	54	0	243	227	244						
Legend Seeds	LR9895VT2PRIB	CB,RR	256	* 102	26.2	55	1	* 257	262	* 250						
Great Lakes	4728VT2PRO	CB,RR	* 260	* 103	26.2	55	0	* 265	264	* 252						
Foundation Direct	8762	None	* 260	* 103	26.3	53	2	* 257	249	* 274			226	* 238		* 242
Federal Hybrids	4680VT2P	CB,RR	256	* 102	26.3	54	1	* 269	252	246						
Renk	RK596SSTX(RIB)	CB,LL,RR,RW	229	96	26.3	54	1	233	232	224	208	98	222	193	210	209
Legacy Seeds	L3517	CB,RR	252	* 101	26.4	55	0	250	262	246						
Munson	5710VT2P	CB,RR	253	* 101	26.5	54	0	253	255	* 252						

CONTINUED.

Table 12 (continued). North Central Zone - Late Maturity Grain Trial. (page 2 of 2)

94 day Relative Maturity or later based on company rating (Chippewa Falls= CHP, Marshfield= MAR, Seymour= SEY, Valders= VAL)

			2017								2016					
			Average					Yield (bu/A)			Average		Yield (bu/A)			
Brand	Hybrid	Traits†	Yield (bu/A)	P.I. #	Moist %	Test Wt.	Lodge %	CHP	SEY	VAL	Yield (bu/A)	P.I. #	CHP	MAR	SEY	VAL
NK Brand	N35T-3110	CB,LL,RR	* 260	* 102	26.6	55	0	* 263	267	* 249	* 231	* 104	* 245	233	205	* 241
Federal Hybrids	4580VT2P	CB,RR	255	* 101	26.9	55	1	* 265	262	237						
Munson	6029VT2P	CB,RR	257	* 102	27.0	54	0	* 266	244	* 262						
NuTech/G2 Genetics	5FN6097	CB,LL,RR	239	98	27.0	52	0	221	246	* 249						
Munson	5695VT2P	CB,RR	* 260	* 102	27.0	55	0	* 266	257	* 257						
Legacy Seeds	L3626	CB,RR	238	98	27.1	53	1	223	246	* 247						
DeKalb	DKC49-73RIB	CB,RR	240	98	27.3	54	0	228	243	* 249						
NuTech/G2 Genetics	5F196	CB,LL,RR	* 268	* 104	27.3	52	0	* 255	278	* 269	* 234	* 104	227	* 253	202	* 256
Dairyland	DS9599	CB,LL,RR,RW	* 260	* 102	27.5	54	1	* 265	267	* 248	219	100	238	231	201	205
100-DAY HYBRID TRIAL AVERAGE##					27.6											
Dairyland	DS9701RA	CB,LL,RR,RW	228	95	27.8	53	0	213	245	225	223	101	* 240	214	* 224	214
Renk	RK608DGVT2P	CB,DT,RR	254	* 101	27.8	53	0	248	256	* 259	* 235	* 104	* 245	* 245	* 222	228
Renk	RK595SSTX	CB,LL,RR,RW	256	* 101	27.9	54	0	250	273	* 247	* 234	* 104	* 244	* 236	* 234	224
NuTech/G2 Genetics	5FN5096	CB,LL,RR	230	96	28.0	54	0	218	255	217						
Legend Seeds	LR9798VT2PRIB	CB,RR	238	97	28.0	53	0	212	255	* 247						
NK Brand	N40L-3000GT	CB,LL,RR,RW	* 276	* 105	28.3	54	1	* 279	* 295	* 254	* 240	* 105	* 255	* 236	* 229	* 240
Legacy Seeds	L3816	CB,DT,RR	237	97	28.5	53	0	242	233	235						
Dairyland	DS9802RA	CB,LL,RR,RW	247	99	28.6	54	0	247	256	237						
Legacy Seeds	L3916	CB,LL,RR,RW	241	98	29.0	54	0	248	248	227						
Munson	5865SS	CB,LL,RR,RW	* 263	* 102	29.7	54	0	* 262	279	* 247						
MEAN			246	100	26.0	54	0	241	255	243	215	100	212	216	211	221
LSD(0.10)**			17	4	1.7	1	1	25	15	27	16	4	18	19	21	18

† Traits: CB=Corn Borer, DT=Drought Tolerant, LL=Liberty Link, RR=Roundup Ready, RW=Corn Rootworm, lfy=Leafy, ND=Nutri-Dense, wo=Water Optimize.

Average grain moisture of all hybrids in the trial as rated by the participating company maturity rating systems. Ratings are rounded to 5 day increments.

‡ All plots of this hybrid sustained herbicide damage in the Seymour trial. The hybrid was dropped from the multi-location average analysis.

* Hybrids that performed statistically similar to the highest hybrid in the trial.

Shaded results provide the best estimate of relative hybrid performance.

Table 13. Northern Zone Grain Trial. (page 1 of 2)

(Coleman= COL, Marshfield= MAR, Spooner dryland sand= SPD, Spooner irrigated sand= SPI, Spooner dryland silt loam= SPS)

			2017								2016						
			Average					Yield (bu/A)			Average		Yield (bu/A)				
Brand	Hybrid	Traits†	Yield (bu/A)	P.I. #	Moist %	Test Wt.	Lodge %	SPD	SPI	SPS	Yield (bu/A)	P.I. #	COL	MAR	SPD	SPI	SPS
Great Lakes	3337VT2RIB	CB,RR	171	95	18.6	56	3	191	185	136	175	94	177	171	195	172	158
Dekalb	DKC32-12RIB	CB,RR	181	98	19.0	57	1	197	190	155	165	91	160	160	157	176	173
DeKalb	DKC26-40RIB	CB,RR	140	87	19.5	60	1	162	161	98							
Jung	4D113RIB	CB,RR	164	93	19.6	57	0	185	180	127	168	92	155	168	171	182	163
Jung	31DP308	CB,RR	179	97	19.9	56	1	201	187	150							
Jung	4D260RIB	CB,RR	182	98	20.0	54	0	179	207	162	202	100	* 228	205	180	213	182
Legacy Seeds	L2916	CB,RR	193	101	20.3	54	1	198	212	169	194	98	196	203	201	186	182
Great Lakes	3622VT2RIB	CB,RR	175	95	20.6	55	2	192	192	139							
Great Lakes	3870VT2RIB	CB,RR	191	100	20.7	54	0	207	204	161							
Jung	4D178RIB	CB,RR	182	97	20.9	54	2	198	199	149	205	101	207	200	202	210	204
Terning Seeds	TS8150-3011A	CB,LL,RR,RW-wo	199	102	21.0	55	0	219	209	169							
Legacy Seeds	L2817	CB,RR	188	99	21.0	54	0	211	201	154							
Dekalb	DKC35-88RIB	CB,RR	175	95	21.1	56	2	203	173	149	187	96	191	180	183	192	188
Jung	36DP318	CB,RR	185	98	21.1	55	0	198	192	166							
Federal Hybrids	3570VT2P	CB,RR	174	95	21.1	55	2	180	195	148							
Renk	RK264VT2P	CB,RR	185	98	21.2	56	1	201	202	153							
Munson	4417-3011	CB,LL,RR,RW	199	102	21.3	55	0	214	207	* 177							
Dairyland	DS7185	CB,LL,RR	176	95	21.3	56	0	192	192	143							
Dairyland	DS9686	CB,LL,RR,RW	202	102	21.3	56	0	219	222	165	208	101	211	218	202	201	208
Munson	4877-3010	CB,LL,RR	* 213	* 105	21.4	54	0	* 226	* 241	172	224	* 105	* 223	* 229	* 230	* 225	214
NK Brand	N18Q-3011A	CB,LL,RR,RW-wo	196	101	21.4	56	0	206	212	168	210	102	* 230	226	208	188	198
85-DAY HYBRID TRIAL AVERAGE##					21.5												
Federal Hybrids	3660GT3011A	CB,LL,RR,RW-wo	196	101	21.7	55	0	212	211	166	209	101	* 224	210	201	204	203
Brunner	2865A	None-wo	194	100	21.7	56	0	211	208	163	208	101	215	* 227	196	207	195
Brunner	2897GT-3010	CB,LL,RR	208	* 104	21.8	54	0	222	210	* 193							
Dairyland	EX-08906	CB,LL,RR	* 212	* 104	21.8	54	0	* 233	* 234	168							
Legacy Seeds	L2836	CB,LL,RR	* 212	* 104	21.9	55	0	* 232	* 246	157							
ProHarvest	4203VT3PRIB	CB,RR,RW	188	99	22.0	54	1	197	197	170	198	99	197	207	186	209	190
NK Brand	NK8920-3120	CB,LL,RR	* 213	* 105	22.0	54	0	223	* 236	* 180							
ProHarvest	2505RR2	RR	176	95	22.0	54	1	189	183	158	195	98	195	185	211	202	183
Legacy Seeds	L2937	CB,LL,RR	* 211	* 104	22.3	55	0	* 226	219	* 188							
PIP	3784	CB,LL,RR,RW	196	100	22.4	54	0	219	204	165							
NK Brand	N27P-3110A	CB,LL,RR-wo	* 222	* 107	22.6	54	0	* 231	* 242	* 194	* 238	* 108	* 228	* 245	* 249	* 228	* 242
Dekalb	DKC40-77RIB	CB,LL,RR,RW	193	99	22.7	55	0	199	208	171							
Federal Hybrids	4180VT2P	CB,RR	* 212	* 104	23.0	54	0	* 238	223	176							

CONTINUED.

Table 13 (continued). Northern Zone Grain Trial. (page 2 of 2)

(Coleman=COL, Spooner dryland sand = SPD, Spooner irrigated sand = SPI, Spooner dryland silt loam = SPS)

			2017								2016						
			Average					Yield (bu/A)			Average		Yield (bu/A)				
Brand	Hybrid	Traits†	Yield (bu/A)	P.I. #	Moist %	Test Wt.	Lodged %	SPD	SPI	SPS	Yield (bu/A)	P.I. #	COL	MAR	SPD	SPI	SPS
Renk	RK287VT2P	CB,RR	199	100	23.1	53	0	210	227	160							
90-DAY HYBRID TRIAL AVERAGE##					23.1												
Dairyland	DS1091	None	206	102	23.4	55	1	223	221	173	212	101	192	221	* 230	212	203
Brunner	3915GT-3110	CB,LL,RR	* 218	* 105	23.6	53	0	* 238	* 239	176							
Federal Hybrids	3880VT2P	CB,RR	202	101	23.6	53	0	209	* 229	167							
Dairyland	DS9090SSX	CB,LL,RR,RW	182	96	23.9	52	0	199	192	155							
Legacy Seeds	L2847	CB,RR	201	101	23.9	53	0	211	219	172							
Steyer Seeds	WEXP10937	CB,LL,RR	204	102	24.0	54	0	207	* 236	170							
Dairyland	DS7294	CB,LL,RR	* 212	* 104	24.1	54	0	211	* 237	* 187	* 235	* 107	* 240	* 243	* 229	* 227	* 235
Foundation Direct	8801	None	208	102	24.1	54	2	* 241	223	161							
Munson	4605VT2P	CB,RR	199	100	24.2	54	0	200	225	172							
Renk	RK408RR	RR	203	101	24.2	52	0	215	218	* 177							
Federal Hybrids	4160VT2PRIB	CB,RR	* 210	103	24.3	53	0	* 231	* 229	170	226	* 105	* 236	225	219	* 222	* 228
Munson	5016VT2P	CB,RR	207	102	24.3	53	0	220	* 232	170	220	104	206	* 235	215	* 222	220
Legacy Seeds	L3017	CB,RR	* 212	103	24.5	52	0	* 226	* 232	* 178							
Legacy Seeds	L3115	CB,RR	208	102	24.5	52	0	217	* 233	174	213	102	207	215	216	* 220	205
Brunner	3920	None	189	98	24.6	53	0	212	194	162	206	101	204	205	194	212	214
Federal Hybrids	4240SSRIB	CB,LL,RR,RW	196	99	24.6	52	0	208	216	165							
Terning Seeds	TS8199GENVT2PRIB	CB,RR	190	97	25.3	51	0	201	212	156							
Steyer Seeds	9401	None	* 210	102	25.6	51	0	* 229	227	173							
MEAN			195	100	22.3	54	0	210	212	164	203	100	205	208	199	205	198
LSD(0.10)**			12	3	0.9	1	1	16	17	17	10	3	20	18	22	17	18

† Traits: CB=Corn Borer, DT=Drought Tolerant, LL=Liberty Link, RR=Roundup Ready, RW=Corn Rootworm, lfy=Leafy, ND=Nutri-Dense, wo=Water Optimize.

Average grain moisture of all hybrids in the trial as rated by the participating company maturity rating systems. Ratings are rounded to 5 day increments.

* Hybrids that performed statistically similar to the highest hybrid in the trial.

Shaded results provide the best estimate of relative hybrid performance.

Table 14. Southern Zone - Early Maturity Silage Trial. (page 1 of 2)

110 day Relative Maturity or earlier based on company rating (Arlington= ARL, Montfort=MON)

			2017									2016				
			Average									Average				
			Yield	Milk per		Moist	NDF	NDFD	Starch	Yield (T/A)		Yield	Milk per		Yield (T/A)	
Brand	Hybrid	Traits†	(T/A)	Ton	Acre	%	%	%	%	ARL	MON	(T/A)	Ton	Acre	ARL	MON
AgriGold	A63656STX	CB,LL,RR,RW	9.8	* 3310	32300	63.1	33	64	33	11.0	8.5					
Golden Harvest	G09A86-3111	CB,LL,RR,RW	10.9	3070	33600	63.3	38	61	28	11.7	10.2					
Munson	6869	None	11.0	3220	35400	63.9	37	63	30	* 12.2	9.7					
Renk	RK792SSTX	CB,LL,RR,RW	10.1	3120	31700	64.0	36	62	29	11.2	9.0					
AgriGold	A64077VT2PRO	CB,RR	10.6	3080	32900	64.0	37	64	28	11.8	9.5					
Dairyland	HiDF3407RA	CB,LL,RR,RW	10.9	3010	32900	64.0	38	62	28	11.6	10.2					
Legend Seeds	LR9608GENSSRIB	CB,LL,RR,RW	9.9	3210	31900	64.2	36	61	30	10.7	9.1	10.6	3160	33500	10.7	10.5
DeKalb	DKC60-87RIB	CB,LL,RR,RW	11.3	3170	35700	64.4	36	64	29	11.8	* 10.7					
Channel	209-53STXRIB	CB,LL,RR,RW	10.9	3180	34700	64.5	35	62	31	11.6	10.1					
LG Seeds	LG5590VT2P	CB,RR	10.8	3220	34700	64.6	37	64	29	11.9	9.6					
Prairie Hybrids	5200	None	* 12.2	3170	* 39000	64.6	35	63	30	* 13.1	* 11.4	11.9	* 3390	* 40200	* 12.7	11.0
Beck's	5829A4	CB,LL,RR,RW	* 11.4	3080	35000	65.0	38	65	27	11.8	* 11.0	10.7	* 3290	35100	10.5	10.9
Great Lakes	6068STXRIB	CB,LL,RR,RW	* 11.6	3200	* 37100	65.0	39	60	29	* 12.9	10.2	* 12.1	* 3280	* 39600	11.5	* 12.6
InVision	FS 60QV1 RIB	CB,RR	10.7	3120	33400	65.1	37	63	29	11.5	10.0					
AgriGold	A63941STX	CB,LL,RR,RW	10.4	3150	32800	65.1	37	61	29	11.2	9.6					
NuTech/G2 Genetics	5FB1010	CB,LL,RR	10.6	3150	33500	65.2	38	62	29	* 12.0	9.2					
AgriGold	A63940VT2PRO	CB,RR	10.9	3160	34400	65.2	38	64	28	* 12.1	9.7					
Golden Harvest	G09E98-3122	CB,LL,RR,RW	10.6	3040	32200	65.2	36	64	27	11.3	10.0	* 12.0	3050	36500	* 11.7	* 12.3
Channel	209-15STXRIB	CB,LL,RR,RW	10.7	* 3300	35200	65.3	37	64	30	10.6	* 10.7					
Legend Seeds	LR9809VT2PRIB	CB,RR	10.8	3140	33900	65.5	37	63	29	11.4	10.2					
Great Lakes	5935STX	CB,LL,RR,RW	10.0	3050	30400	65.5	37	62	27	10.7	9.2					
Munson	6940-3110	CB,LL,RR,RW	11.2	3100	34700	65.6	38	66	27	* 12.0	* 10.4					
Legacy Seeds	L6827	CB,LL,RR,RW	10.9	3150	34200	65.6	37	63	29	11.5	10.2					
Viking	O.74-10GS	None	11.0	3180	35100	65.7	37	63	29	* 12.4	9.6					
NuTech/G2 Genetics	5F510	CB,LL,RR	* 11.4	* 3230	* 36800	65.7	36	65	30	* 12.4	* 10.4	11.8	* 3310	* 39300	* 12.4	11.2
NuTech/G2 Genetics	5F308	CB,LL,RR	* 11.8	* 3240	* 38300	66.0	36	65	29	* 13.1	* 10.5	* 12.1	* 3360	* 40800	* 12.6	11.7
Munson	6819SS	CB,LL,RR,RW	10.4	3010	31400	66.1	38	62	27	10.8	10.1					
105-DAY HYBRID TRIAL AVERAGE##						66.1										
110-DAY HYBRID TRIAL AVERAGE##						66.1										
Jung	7S711RIB	CB,LL,RR,RW	10.1	* 3230	32500	66.1	37	61	30	10.1	10.1	10.6	* 3350	35600	10.1	11.1
AgriGold	A6413STXRIB	CB,LL,RR,RW	10.6	* 3270	34600	66.3	35	67	31	11.5	9.7					
Blue River Hybrids	62G22	None	11.2	3170	35500	66.5	38	61	29	* 12.2	10.2					
LG Seeds	LG5548STXRIB	CB,LL,RR,RW	10.8	3200	34500	66.5	36	65	29	11.4	10.1	11.7	* 3300	* 38600	11.2	* 12.2
Power Plus	3H85	CB,LL,RR,RW	11.0	3220	35500	66.6	37	63	29	* 12.4	9.7	11.2	* 3420	* 38300	11.2	11.2
Cornelius	C633DP	CB,RR	* 11.9	* 3350	* 39800	66.7	35	62	32	* 12.7	* 11.0					

CONTINUED.

Table 14 (continued). Southern Zone - Early Maturity Silage Trial. (page 2 of 2)

110 day Relative Maturity or earlier based on company rating (Arlington= ARL, Montfort=MON)

			2017									2016				
			Average									Average				
			Yield	Milk per		Moist	NDF	NDFD	Starch	Yield (T/A)		Yield	Milk per		Yield (T/A)	
Brand	Hybrid	Traits†	(T/A)	Ton	Acre	%	%	%	%	ARL	MON	(T/A)	Ton	Acre	ARL	MON
O'Brien Hybrids	OB1108	None	10.8	3180	34300	66.7	39.3	62	28.2	* 12.8	8.7					
UW	UW44	None	7.2	2950	21200	66.8	40.7	65	22.7	8.9	5.4					
NuTech/G2 Genetics	5H806	CB,LL,RR	11.1	* 3320	* 36900	66.9	34.9	65	31.2	11.7	* 10.6	11.4	* 3340	* 38200	* 11.7	11.1
AgriGold	A6462STXRIB	CB,LL,RR,RW	10.2	* 3310	33600	67.0	35.7	66	30.8	10.8	9.5	11.1	* 3280	36300	10.6	11.5
Golden Harvest	G10T63-3122	CB,LL,RR,RW	* 12.2	3000	* 36800	67.2	38.6	61	26.2	* 13.0	* 11.5	* 12.8	3260	* 41800	* 12.7	* 13.0
Renk	6-798VT2P	CB,RR	10.7	3030	32500	67.4	39.0	62	26.2	11.9	9.4					
Beck's	5665AMX Brand	CB,LL,RR,RW	10.3	3210	33100	67.6	37.0	64	28.6	10.7	9.9	11.0	3210	35300	11.1	10.9
PIP	5708	CB,LL,RR,RW	10.3	2930	30200	67.7	38.7	62	25.1	10.7	9.9					
Dairyland	HiDF3808RA	CB,LL,RR,RW	11.1	2860	31800	67.7	40.8	60	23.6	11.8	10.3	11.3	3020	34100	11.1	11.5
NuTech/G2 Genetics	5D906	CB,LL,RR	10.7	3210	34400	68.0	36.4	65	28.7	11.3	10.1					
Dairyland	DS9713RA	CB,LL,RR,RW	10.6	3160	33400	68.3	38.0	62	28.5	11.5	9.6					
Power Plus	5C17	CB,LL,RR,RW	10.2	* 3250	33400	68.4	36.0	65	29.4	11.3	9.1	* 12.0	* 3330	* 40000	* 12.3	11.7
Viking	O.35-09LF	None-lfy	9.1	2940	26900	69.0	40.7	64	22.8	9.8	8.5					
O'Brien Hybrids	OS110	None	10.3	2930	30300	69.6	39.8	61	24.7	11.6	9.0					
InVision	FS 59VL1 RIB	CB,LL,RR	10.0	* 3260	32700	69.6	38	63	29	10.6	9.5					
Dairyland	HiDF3510SSX	CB,LL,RR,RW	* 11.6	2900	33600	69.8	40	61	24	* 12.1	* 11.0	11.9	3130	37300	* 12.1	11.6
MEAN			10.7	3140	33700	66.1	37	63	28	11.6	9.8	11.2	3270	36600	11.2	11.1
LSD(0.10)**			0.9	120	3600	2.0	2	3	2	1.1	1.2	0.9	140	3600	1.1	1.1

† Traits: CB=Corn Borer, DT=Drought Tolerant, LL=Liberty Link, RR=Roundup Ready, RW=Corn Rootworm, lfy=Leafy, ND=Nutri-Dense, wo=Water Optimize.

Average whole plant moisture of all hybrids in the trial as rated by the participating company maturity rating systems. Ratings are rounded to 5 day increments.

* Hybrids that performed statistically similar to the highest hybrid in the trial.

Shaded results provide the best estimate of relative hybrid performance.

Table 15. Southern Zone - Late Maturity Silage Trial. (page 1 of 2)

111 day Relative Maturity or later based on company rating (Arlington= ARL, Montfort=MON)

			2017									2016				
			Average							Yield (T/A)		Average			Yield (T/A)	
			Yield	Milk per		Moist	NDF	NDFD	Starch			Yield	Milk per			
Brand	Hybrid	Traits†	(T/A)	Ton	Acre	%	%	%	%	ARL	MON	(T/A)	Ton	Acre	ARL	MON
Latham	EX6187VT2ProDG	CB,DT,RR	10.7	3130	* 33500	64.2	38	62	28	11.2	* 10.2					
Jung	7S744RIB	CB,LL,RR,RW	* 11.1	3140	* 34800	64.3	38	61	29	* 12.3	9.9					
DeKalb	DKC62-20RIB	CB,LL,RR,RW	* 11.1	3120	* 34700	64.8	37	64	29	12.0	10.1					
Prairie Hybrids	6212	None	* 11.4	2980	* 34100	64.9	39	63	26	* 12.3	* 10.5					
Latham	LH6425VT2Pro	CB,RR	10.6	3070	32400	65.0	40	60	27	10.4	* 10.7					
InVision	FS 61SX1 RIB	CB,LL,RR,RW	10.5	* 3210	* 33900	65.1	37	64	29	11.0	10.1	11.2	* 3320	37300	11.2	11.2
InVision	FS 62TV1DG RIB	CB,DT,RR-wo	10.8	* 3180	* 34400	65.1	37	62	29	11.7	9.9	11.3	* 3410	38500	11.3	11.2
Latham	EX6267VT2Pro	CB,RR	* 11.0	3030	* 33300	65.3	39	62	26	12.1	9.9					
AgriGold	A64178STX	CB,LL,RR,RW	* 11.1	3080	* 34200	65.4	37	61	28	11.2	* 11.0					
InVision	FS 64SX1 RIB	CB,LL,RR,RW	10.2	3130	31900	65.5	37	62	28	11.2	9.2	11.1	3230	35800	11.0	11.2
Golden Harvest	G12W66-3000GT	CB,LL,RR,RW	10.6	3100	32900	65.6	38	64	28	11.0	* 10.2	* 12.5	* 3420	* 42900	* 13.2	* 11.8
Cornelius	C765SS	CB,LL,RR,RW	10.8	2930	31900	65.8	39	61	25	11.6	10.1					
Great Lakes	6353-3000GT	CB,LL,RR,RW	10.7	2980	31700	65.8	39	62	26	10.9	* 10.5					
O'Brien Hybrids	OBX112	None	* 11.9	3080	* 36600	65.8	38	65	27	* 13.4	* 10.3					
NuTech/G2 Genetics	5F811	CB,LL,RR	* 11.4	2890	32900	65.9	38	60	26	11.9	* 10.9	* 12.3	3070	37800	* 12.0	* 12.6
Legacy Seeds	L7236	CB,LL,RR,RW	* 10.9	2970	32200	65.9	39	62	26	10.9	* 10.8					
InVision	FS 62R44	CB,LL,RR,RW	* 11.0	3100	* 34100	66.0	38	61	28	11.7	* 10.3					
Latham	LH6224-3120EZR	CB,LL,RR	10.8	3060	* 33100	66.1	37	64	28	11.3	* 10.3					
Cornelius	C733SS	CB,LL,RR,RW	10.2	3110	31800	66.1	39	61	28	11.0	9.4	11.8	* 3350	* 39500	* 12.4	11.1
Spectrum	6105	None	* 11.3	2960	* 33500	66.4	41	61	24	11.9	* 10.7					
110-DAY HYBRID TRIAL AVERAGE##						66.4										
AgriGold	A6499STXRIB	CB,LL,RR,RW	9.6	3080	29500	66.5	39	59	28	9.9	9.3	10.6	3190	33800	10.6	10.6
Burrus	X6R20-3000GT	CB,LL,RR,RW	* 11.2	3080	* 34700	66.5	39	62	27	12.0	* 10.4					
LG Seeds	LG5618STXRIB	CB,LL,RR,RW	10.2	2930	30100	66.5	38	60	26	11.2	9.3	10.6	* 3350	35400	10.4	10.7
Great Lakes	6185STXRIB	CB,LL,RR,RW	10.0	* 3200	31900	66.8	38	63	29	10.6	9.3	10.9	3290	36000	10.4	11.5
AgriGold	A64259STX	CB,LL,RR,RW	10.5	2870	30200	67.1	40	61	24	11.4	9.7					
Great Lakes	6224STX	CB,LL,RR,RW	10.8	3090	* 33500	67.3	38	62	27	* 12.2	9.4					
115-DAY HYBRID TRIAL AVERAGE##						67.3										
Spectrum	6244	None	10.5	* 3190	* 33700	67.4	39	64	28	11.6	9.5					
Renk	RK842SSTX	CB,LL,RR,RW	10.7	2960	31700	67.4	40	61	25	11.5	9.8					
Beck's	6365AM Brand	CB,LL,RR	* 11.0	3140	* 34400	67.5	38	62	28	12.0	10.0					
Beck's	6127A3	CB,LL,RR,RW	10.2	3010	30800	67.5	40	61	26	10.7	9.7					
Blue River Hybrids	66G25	None	10.2	3150	32200	67.6	38	62	29	11.0	9.4					
InVision	FS 63ZX1 RIB	CB,LL,RR,RW	9.8	2970	29100	67.7	40	60	26	10.7	8.9	10.7	* 3330	35600	10.2	11.2
Prairie Hybrids	8229	None	* 11.4	2970	* 34000	67.8	40	61	25	12.1	* 10.8	* 12.6	3030	38200	* 12.3	* 12.9

CONTINUED.

Table 15. (continued). Southern Zone - Late Maturity Silage Trial. (page 2 of 2)

111 day Relative Maturity or later based on company rating (Arlington= ARL, Montfort=MON)

			2017									2016				
			Average									Average				
			Yield	Milk per		Moist	NDF	NDFD	Starch	Yield (T/A)		Yield	Milk per		Yield (T/A)	
Brand	Hybrid	Traits†	(T/A)	Ton	Acre	%	%	%	%	ARL	MON	(T/A)	Ton	Acre	ARL	MON
Jung	61SS608	CB,LL,RR,RW	10.1	3000	30400	67.9	38.9	62	25.7	11.4	8.9					
Prairie Hybrids	7204	None	10.5	3100	32500	68.1	38.9	62	27.1	10.9	10.0					
NuTech/G2 Genetics	5F713	CB,LL,RR	* 11.1	3070	* 34200	68.1	37.5	62	27.2	12.1	10.1	* 12.5	3280	* 41100	* 12.6	* 12.5
UW	UW43	None	8.5	* 3310	28100	68.1	38.8	64	28.6	9.7	7.3					
Power Plus	6P73	CB,LL,RR	* 11.0	* 3170	* 34900	68.2	37.5	61	28.7	11.6	* 10.4					
Masters Choice	MCT6653	CB,LL,RR,RW	10.8	2870	31300	68.2	42.5	59	22.6	11.7	10.0					
Masters Choice	MCT6363	CB,LL,RR,RW	9.3	3070	28600	68.3	38.4	62	27.0	9.5	9.1	10.9	3220	35100	11.0	10.8
Dairyland	HiDF3915SSX	CB,LL,RR,RW	10.0	2400	24200	68.9	44.4	58	16.5	11.7	8.2					
Dairyland	HiDF3413-9	CB,LL,RR,RW	* 11.7	2820	* 33100	69.5	40.3	62	23.1	* 12.3	* 11.2					
Dairyland	HiDF3211SSX	CB,LL,RR,RW	10.6	3000	31800	70.8	40.2	62	24.7	11.9	9.3					
MEAN			10.6	3040	32400	66.7	38.7	62	26.7	11.4	9.9	11.1	3250	36200	11.1	11.1
LSD(0.10)**			1.0	140	3500	1.9	2.2	2	2.4	1.2	1.0	0.9	140	3400	1.2	1.4

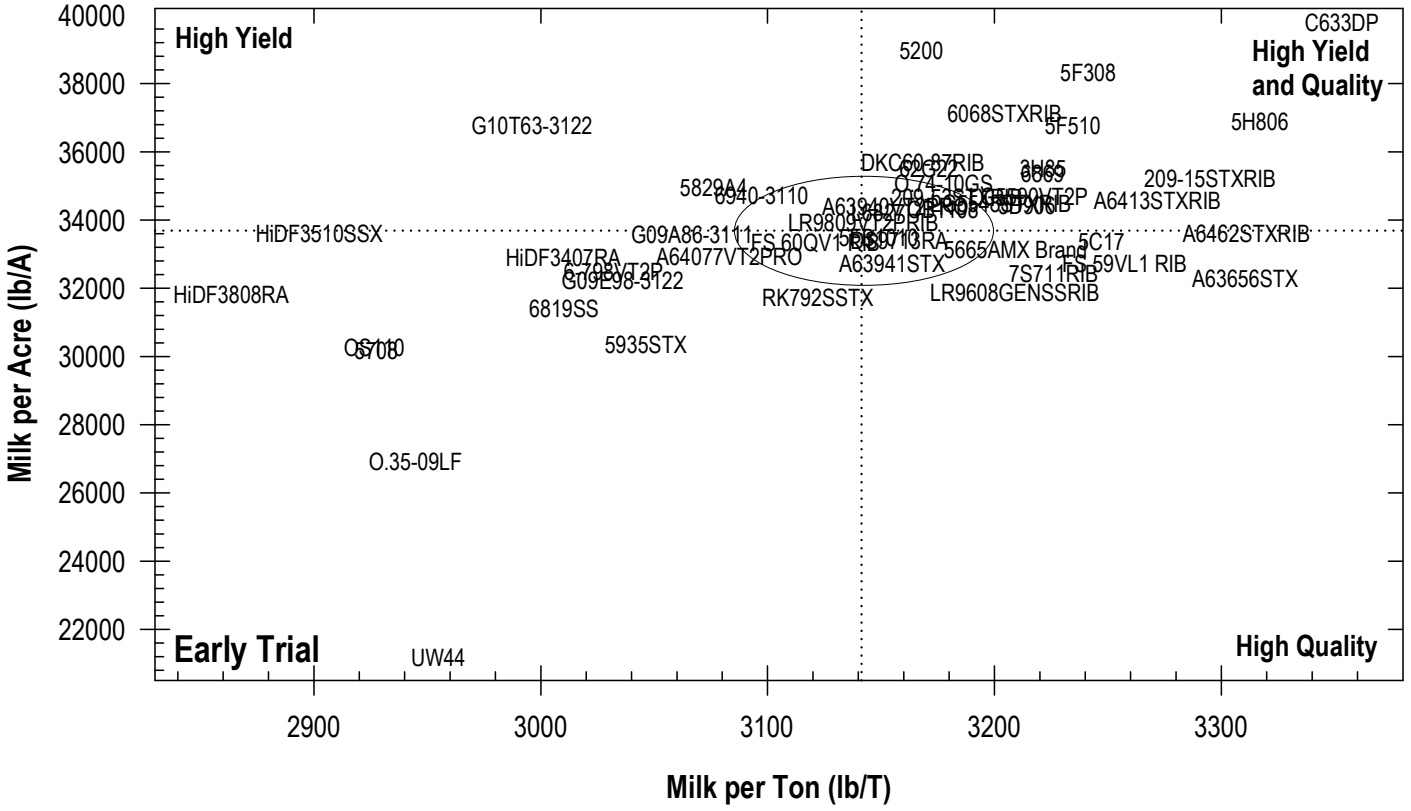
† Traits: CB=Corn Borer, DT=Drought Tolerant, LL=Liberty Link, RR=Roundup Ready, RW=Corn Rootworm, lfy=Leafy, ND=Nutri-Dense, wo=Water Optimize.

Average whole plant moisture of all hybrids in the trial as rated by the participating company maturity rating systems. Ratings are rounded to 5 day increments.

* Hybrids that performed statistically similar to the highest hybrid in the trial.

Shaded results provide the best estimate of relative hybrid performance.

Figure 2. Relationship between Milk per Acre and Milk per Ton of corn hybrids in Southern Wisconsin during 2017.



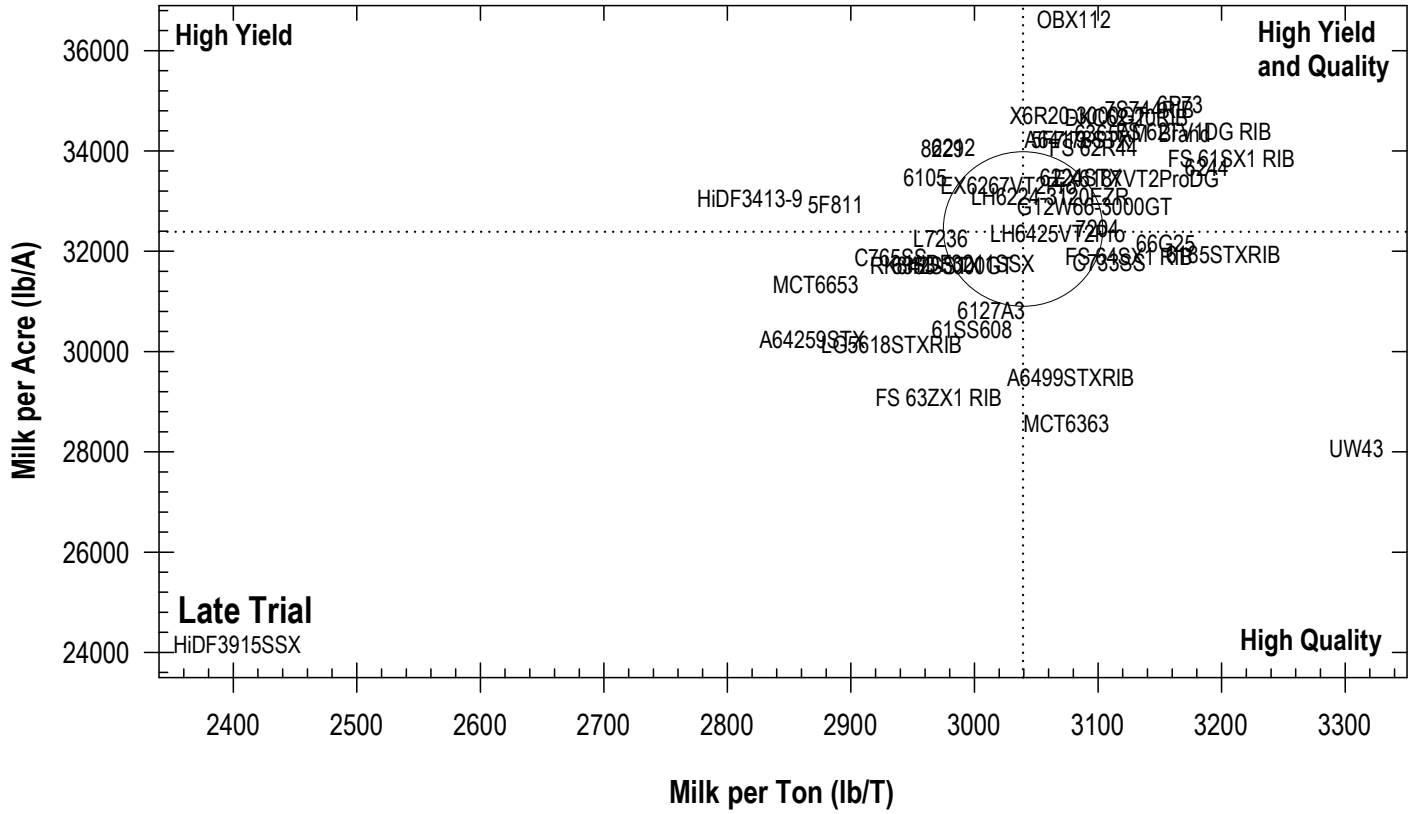


Table 16. South Central Zone - Early Maturity Silage Trial. (page 1 of 2)

105 day Relative Maturity or earlier based on company rating (Fond du Lac= FON, Galesville= GAL)

			2017									2016				
			Average									Average				
			Yield	Milk per		Moist	NDF	NDFD	Starch	Yield (T/A)		Yield	Milk per		Yield (T/A)	
Brand	Hybrid	Traits†	(T/A)	Ton	Acre	%	%	%	%	FON	GAL	(T/A)	Ton	Acre	FON	GAL
AgriGold	A63031VT2RIBD1	CB,DT,RR	* 9.9	* 3370	* 33500	64.7	35	62	34	9.3	10.5					
NK Brand	N35T-3110	CB,LL,RR	* 10.6	3130	* 33300	64.8	36	58	31	9.4	* 11.9	10.3	* 3340	* 34300	9.3	11.2
Tracy Seeds	T102-14 (3000GTA)	CB,LL,RR,RW-wo	* 10.6	* 3240	* 34500	65.3	36	61	31	* 9.8	* 11.5	* 10.6	* 3470	* 37000	9.3	* 12.0
AgriGold	A62820VT2PRO	CB,RR	* 10.2	3170	* 32300	65.4	36	61	31	9.0	* 11.4					
AgriGold	A624-11-3110	CB,LL,RR-wo	* 10.8	* 3320	* 35900	65.4	36	61	32	* 10.0	* 11.6					
Great Lakes	5029VT2RIB	CB,RR	* 10.1	* 3300	* 32900	65.6	36	61	32	8.4	* 11.7	9.9	* 3390	* 33600	9.5	10.3
NK Brand	N40L-3000GT	CB,LL,RR,RW	* 10.5	* 3310	* 34900	65.7	36	61	32	* 9.7	* 11.4	10.1	* 3430	* 34800	9.4	10.9
95-DAY HYBRID TRIAL AVERAGE##						65.7										
Legacy Seeds	L5516	CB,LL,RR,RW	* 10.2	3110	* 31800	66.2	36	62	29	9.1	* 11.4	10.4	* 3390	* 35200	* 9.9	10.9
Cornelius	C408DP	CB,RR,RW	* 10.2	3160	* 32200	66.3	37	63	29	8.5	* 11.8	* 10.8	* 3400	* 36700	* 10.1	* 11.5
LG Seeds	LG5494VT2P	CB,RR	* 10.4	* 3230	* 33700	66.4	37	59	31	* 10.0	* 10.9					
Renk	RK724RR	RR	* 10.7	* 3310	* 35600	66.7	34	65	33	* 10.4	* 11.1	10.4	* 3380	* 35200	* 10.7	10.1
Spectrum	4725	None	9.7	* 3210	31000	66.8	37	60	31	9.5	9.9					
NK Brand	N45P-3122	CB,LL,RR,RW-wo	* 10.5	3170	* 33400	66.8	36	61	30	8.7	* 12.2	10.3	3260	* 33900	9.7	11.0
Cornelius	C452SS	CB,LL,RR,RW	* 10.2	3150	* 32100	66.9	36	61	30	9.2	* 11.2					
Masters Choice	MCT5371	RR	* 10.6	* 3270	* 34500	67.0	35	61	32	9.5	* 11.6	* 11.4	* 3320	* 37900	* 10.4	* 12.4
Steyer Seeds	WEXP10637	CB,LL,RR	9.4	* 3240	30300	67.1	35	63	31	8.6	10.1					
InVision	FS 55TX1 RIB	CB,LL,RR,RW	* 10.9	3000	* 32700	67.2	38	61	27	* 10.0	* 11.8					
Dekalb	DKC51-38RIB	CB,LL,RR,RW	* 10.2	3150	* 32100	67.3	36	62	30	* 9.7	10.7					
Great Lakes	4988VT2PRO	CB,RR	* 10.0	3190	* 31800	67.3	36	64	29	9.2	10.7					
Viking	O.51-04GS	None-lfy	* 10.6	3190	* 33800	67.4	36	63	30	* 10.0	* 11.2	10.2	* 3470	* 35400	* 9.9	10.6
NK Brand	NK0142-3120	CB,LL,RR	* 9.9	* 3250	* 31900	67.5	36	61	31	8.8	* 10.9					
AgriGold	A6346VT2RIB	CB,RR	* 10.1	3060	30900	67.8	38	62	28	9.2	* 10.9					
Renk	RK629VT3P	CB,RR,RW	9.7	* 3270	* 31800	67.8	36	62	31	9.3	10.2	10.2	* 3300	* 33800	9.8	10.6
Masters Choice	MCT5454	CB,LL,RR,RW	* 10.9	3020	* 32800	67.9	37	59	28	* 9.8	* 12.0	* 11.0	3230	* 35500	* 10.2	* 11.9
AgriGold	A6267STXRIB	CB,LL,RR,RW	* 10.3	3160	* 32700	67.9	36	62	30	* 10.0	10.6	* 10.8	* 3380	* 36500	* 10.5	11.1
100-DAY HYBRID TRIAL AVERAGE##						68.1										
Great Lakes	5283STXRIB	CB,LL,RR,RW	* 10.6	3040	* 32500	68.2	38	60	28	9.0	* 12.3	10.2	* 3310	* 33800	* 10.7	9.6
Great Lakes	5556VT2RIB	CB,RR	* 10.0	3200	* 31900	68.3	37	63	29	* 9.8	10.1	* 10.7	3210	* 34500	* 10.4	11.0
Steyer Seeds	WEXP10537	CB,LL,RR	9.6	* 3270	* 31600	68.7	37	62	30	9.0	10.2					
105-DAY HYBRID TRIAL AVERAGE##						68.7										
Dekalb	DKC52-68RIB	CB,RR	* 10.5	* 3360	* 35200	68.8	36	63	32	* 9.6	* 11.4					
Spectrum	5452	None	* 10.8	3180	* 34600	69.0	37	62	30	* 10.4	* 11.3					
Viking	O.34-00LF	None	* 9.8	2830	27600	69.0	41	59	23	8.8	* 10.9					
Renk	RK642SSTX	CB,LL,RR,RW	* 10.4	3110	* 32400	69.1	36	63	29	9.2	* 11.6					

CONTINUED.

Table 16 (continued). South Central Zone - Early Maturity Silage Trial. (page 2 of 2)

105 day Relative Maturity or earlier based on company rating (Fond du Lac= FON, Galesville= GAL)

			2017									2016				
			Average									Average				
			Yield	Milk per		Moist	NDF	NDFD	Starch	Yield (T/A)		Yield	Milk per		Yield (T/A)	
Brand	Hybrid	Traits†	(T/A)	Ton	Acre	%	%	%	%	FON	GAL	(T/A)	Ton	Acre	FON	GAL
Foundation Direct	8549	None	* 10.2	3170	* 32500	69.1	37	62	29	* 9.9	10.6					
Legacy Seeds	L5350-3122EZR	CB,LL,RR,RW	* 10.3	2990	30700	69.2	40	60	26	* 9.7	* 10.9					
Renk	7-637	None	9.5	2850	27000	69.2	41	60	24	* 9.6	9.4					
AgriGold	A62922STX	CB,LL,RR,RW	* 10.2	3100	* 31800	69.2	37	62	28	9.2	* 11.3					
Legend Seeds	JSC47J104-3122	CB,LL,RR,RW	9.3	3100	28900	69.3	38	62	28	8.3	10.2					
NuTech/G2 Genetics	5F701	CB,LL,RR	9.7	3170	31000	69.4	38	62	29	8.5	* 11.0	10.2	* 3460	* 35400	9.8	10.7
Viking	O.79-00	None	* 9.9	* 3310	* 33000	69.7	38	61	31	8.7	* 11.2					
Viking	O.69-99	None	* 9.8	3030	29600	69.8	39	61	27	9.5	10.0					
NuTech/G2 Genetics	5H502	CB,LL	9.4	3040	28700	69.8	38	59	28	8.2	10.6					
Blue River Hybrids	48G35	None	* 10.5	3100	* 32600	69.8	39	62	27	* 9.9	* 11.2					
Blue River Hybrids	51T59	None	* 9.8	3100	30300	69.9	38	63	28	* 10.0	9.5					
NuTech/G2 Genetics	5F504	CB,LL,RR	* 9.9	3200	* 31900	70.1	37	62	30	8.9	* 10.9	10.3	3280	* 33700	9.5	11.0
Dairyland	HiDF3605RA	CB,LL,RR,RW	* 10.6	2980	* 31600	70.5	40	59	26	* 10.8	10.4	* 11.2	3140	* 35100	* 10.3	* 12.1
Dairyland	HiDF3702-9	CB,LL,RR,RW	9.7	3170	31000	70.5	38	63	28	9.1	10.3					
LG Seeds	LG5505STX	CB,LL,RR,RW	* 10.2	3070	31200	70.6	38	62	27	9.3	* 11.0					
Dairyland	HiDF3099RA	CB,LL,RR,RW	9.6	3130	30300	70.8	39	59	29	* 9.8	9.4					
ProHarvest	6444STAXRIB	CB,LL,RR,RW	* 10.4	3050	* 31800	70.8	40	59	27	9.5	* 11.3	* 11.0	3270	* 36000	* 10.1	* 11.9
Beck's	5140HR Brand	CB,LL,RR,RW	* 10.2	3140	* 32000	72.1	38	61	29	* 10.1	10.2					
Dairyland	EX-11007	CB,LL,RR	* 10.5	2940	31100	73.8	40	61	25	* 10.2	* 10.8					
MEAN			10.2	3150	32100	68.2	37	61	29	9.4	10.9	10.4	3290	34200	9.9	10.9
LSD(0.10)**			1.1	160	4300	1.9	3	2	3	1.2	1.5	1.0	170	4300	0.9	1.0

† Traits: CB=Corn Borer, DT=Drought Tolerant, LL=Liberty Link, RR=Roundup Ready, RW=Corn Rootworm, lfy=Leafy, ND=Nutri-Dense, wo=Water Optimize.

Average whole plant moisture of all hybrids in the trial as rated by the participating company maturity rating systems. Ratings are rounded to 5 day increments.

* Hybrids that performed statistically similar to the highest hybrid in the trial.

Shaded results provide the best estimate of relative hybrid performance.

Table 17. South Central Zone - Late Maturity Silage Trial. (page 1 of 2)

106 day Relative Maturity or later based on company rating (Fond du Lac= FON, Galesville= GAL)

			2017									2016				
			Average									Average				
			Yield	Milk per		Moist	NDF	NDFD	Starch	Yield (T/A)		Yield	Milk per		Yield (T/A)	
Brand	Hybrid	Traits†	(T/A)	Ton	Acre	%	%	%	%	FON	GAL	(T/A)	Ton	Acre	FON	GAL
AgriGold	A63656STX	CB,LL,RR,RW	10.4	* 3190	33100	68.3	37	60	30	9.9	10.8					
Latham	LH5635VT2Pro	CB,RR	9.4	* 3180	30000	68.6	38	60	29	9.0	9.9					
Jung	58SS537RIB	CB,LL,RR,RW	10.4	3000	31300	68.6	38	61	27	9.6	* 11.3					
Great Lakes	5626VT2PRO	CB,RR	10.5	* 3160	33100	68.8	37	62	29	9.9	* 11.1					
Cornelius	C461SS	CB,LL,RR,RW	* 11.4	* 3130	* 35700	68.9	37	61	29	10.4	* 12.3					
Dekalb	DKC58-06RIB	CB,LL,RR,RW	* 10.9	3070	33300	68.9	36	59	29	10.0	* 11.8	* 11.3	* 3370	* 38000	* 10.4	* 12.2
Renk	RK792SSTX	CB,LL,RR,RW	10.3	2930	30400	69.1	38	60	26	9.6	* 11.0					
Prairie Hybrids	EX6494	None	* 11.7	* 3150	* 36800	69.2	37	63	29	* 11.5	* 11.9					
Legend Seeds	LR9608GENSSRIB	CB,LL,RR,RW	10.3	3050	31600	69.2	37	61	28	10.2	10.5					
Legacy Seeds	L6047	CB,LL,RR,RW	* 11.1	3110	* 34300	69.3	37	61	29	9.9	* 12.2					
AgriGold	A63941STX	CB,LL,RR,RW	9.8	2970	29100	69.6	39	61	26	8.7	* 11.0					
InVision	FS 57TX1 RIB	CB,LL,RR,RW	10.5	* 3170	33400	69.6	38	59	29	9.1	* 11.9	10.0	* 3370	33700	* 10.3	9.7
Latham	LH5742RR	RR	10.1	* 3260	32900	69.7	36	64	31	9.9	10.2					
Channel	207-27STXRIB	CB,LL,RR,RW	10.0	* 3240	32600	70.0	37	62	30	9.4	10.7	* 10.9	* 3410	* 37300	* 10.1	11.8
Dekalb	DKC57-97RIB	CB,LL,RR,RW	10.2	3040	30900	70.0	39	61	27	9.2	* 11.2					
105-DAY HYBRID TRIAL AVERAGE##						70.3										
AgriGold	A63940VT2PRO	CB,RR	* 11.0	* 3140	* 34600	70.3	39	62	28	* 10.5	* 11.5					
Great Lakes	6068STXRIB	CB,LL,RR,RW	10.6	2900	30700	70.4	41	59	24	9.7	* 11.5	* 11.2	3280	* 36700	* 10.7	11.6
NuTech/G2 Genetics	5FB1010	CB,LL,RR	10.0	* 3130	31400	70.6	39	61	28	9.4	10.6					
InVision	FS 60QV1 RIB	CB,RR	10.7	3060	32600	70.6	38	62	27	10.3	* 11.1					
NuTech/G2 Genetics	5F811	CB,LL,RR	* 11.1	2870	31700	70.7	40	59	24	* 10.8	* 11.3	* 11.3	3020	34000	* 10.2	* 12.3
NK Brand	NK0968-3111	CB,LL,RR,RW	10.5	3060	32100	70.7	40	59	27	9.7	* 11.3					
Great Lakes	5910VT2RIB	CB,RR	* 11.2	2950	33200	70.8	39	60	25	9.9	* 12.5					
Jung	61SS608	CB,LL,RR,RW	10.7	2990	32100	71.0	38	64	25	10.2	* 11.2					
Renk	6-798VT2P	CB,RR	* 11.3	3070	* 34800	71.1	39	61	27	* 10.9	* 11.7	10.1	3220	32700	* 9.8	10.4
Beck's	6127A3	CB,LL,RR,RW	10.5	3050	32000	71.3	39	64	26	9.7	* 11.3					
Renk	RK842SSTX	CB,LL,RR,RW	10.7	2860	30700	71.3	41	60	23	10.1	* 11.4					
Legacy Seeds	L6827	CB,LL,RR,RW	9.7	2970	29000	71.3	39	61	26	8.8	10.7					
NK Brand	N69D-3000GT	CB,LL,RR,RW	10.5	2910	30500	71.5	39	63	24	9.7	* 11.3					
O'Brien Hybrids	OB1108	None	10.7	2970	32100	71.5	41	61	25	10.0	* 11.5					
Tracy Seeds	T108-26 (3111)	CB,LL,RR,RW	9.4	3030	28400	71.5	39	64	25	9.3	9.4	* 10.9	3240	35300	* 9.9	11.9
Channel	206-11STXRIB	CB,LL,RR,RW	10.5	* 3250	* 34000	71.5	38	63	29	10.3	10.6					
110-DAY HYBRID TRIAL AVERAGE##						71.8										
Jung	7S711RIB	CB,LL,RR,RW	10.2	3020	30900	71.8	39	61	26	9.6	10.8					
NuTech/G2 Genetics	5F308	CB,LL,RR	10.4	3090	32300	71.9	38	63	27	9.8	* 11.0	* 11.5	* 3420	* 39200	* 10.9	* 12.1

CONTINUED.

Table 17 (continued). South Central Zone - Late Maturity Silage Trial. (page 2 of 2)

106 day Relative Maturity or later based on company rating (Fond du Lac= FON, Galesville= GAL)

			2017									2016				
			Average									Average				
			Yield	Milk per		Moist	NDF	NDFD Starch		Yield (T/A)		Yield	Milk per		Yield (T/A)	
Brand	Hybrid	Traits†	(T/A)	Ton	Acre	%	%	%	%	FON	GAL	(T/A)	Ton	Acre	FON	GAL
NK Brand	N63R-3122	CB,LL,RR,RW	9.7	2930	28400	71.9	39	63	24	8.8	10.6	* 11.4	3130	* 35800	9.6	* 13.3
Great Lakes	5824STXRIB	CB,LL,RR,RW	9.7	3080	29900	72.0	39	63	27	9.0	10.4					
InVision	FS 61SX1 RIB	CB,LL,RR,RW	10.4	* 3150	32700	72.3	38	62	28	10.0	10.8	* 10.9	3300	* 36100	* 10.6	11.2
NuTech/G2 Genetics	5H806	CB,LL,RR	10.2	* 3160	32300	72.4	38	63	28	9.7	10.8	9.9	* 3340	33000	9.6	10.2
NK Brand	N66V-3122	CB,LL,RR,RW	10.2	2750	28300	72.6	43	58	22	9.3	* 11.1					
Dairyland	HiDF3407RA	CB,LL,RR,RW	10.0	2770	27900	72.6	42	60	21	9.1	* 11.0					
Legacy Seeds	L7236	CB,LL,RR,RW	10.2	2880	29600	72.7	41	61	24	10.2	10.3					
Dairyland	DS9713RA	CB,LL,RR,RW	10.4	3050	31800	72.7	40	60	26	9.3	* 11.6					
Spectrum	6105	None	* 10.9	2870	31500	72.7	41	61	23	9.8	* 12.1					
Prairie Hybrids	5200	None	9.9	3060	30300	72.8	39	62	26	9.9	9.9	* 10.7	3220	35000	9.0	* 12.4
NuTech/G2 Genetics	5F510	CB,LL,RR	10.4	* 3170	32900	72.9	38	65	27	10.2	10.6	* 11.2	* 3360	* 37700	* 10.0	* 12.3
Masters Choice	MCT6363	CB,LL,RR,RW	9.7	3040	29600	73.0	38	62	27	8.6	10.8					
Viking	O.35-09LF	None-lfy	8.9	2710	24100	73.0	44	61	19	8.7	9.2					
Spectrum	6244	None	9.9	2970	29500	73.0	42	59	24	9.7	10.2					
Latham	LH6224-3120EZR	CB,LL,RR	10.3	2730	28300	73.2	43	60	21	9.8	* 10.9					
Beck's	6365AM Brand	CB,LL,RR	10.1	2990	30300	73.2	38	62	26	10.3	10.0					
AgriGold	A6462STXRIB	CB,LL,RR,RW	9.4	3000	28200	73.3	40	61	25	9.4	9.3	* 11.5	3240	* 37300	* 10.6	* 12.4
O'Brien Hybrids	OS110	None	10.0	2830	28500	73.6	42	60	23	10.0	10.1					
Dairyland	HiDF3211SSX	CB,LL,RR,RW	9.8	2990	29300	73.8	42	61	24	9.8	9.8					
Dairyland	HiDF3808RA	CB,LL,RR,RW	9.9	2710	26700	73.9	45	56	21	9.8	10.0	* 10.9	2990	32700	* 9.7	12.0
Prairie Hybrids	7204	None	10.3	* 3120	32300	73.9	38	63	27	10.1	10.5					
NuTech/G2 Genetics	5D906	CB,LL,RR	9.7	2970	28800	74.6	41	61	24	8.8	10.5					
Dairyland	HiDF3510SSX	CB,LL,RR,RW	10.3	2810	29500	74.9	42	60	22	9.6	* 11.0	* 11.1	3110	34400	* 10.1	12.0
InVision	FS 59VL1 RIB	CB,LL,RR	9.4	3050	28800	75.2	40	63	26	9.0	9.8					
MEAN			10.3	3010	31100	71.5	39	61	26	9.7	10.9	10.7	3230	34600	10.0	11.4
LSD(0.10)**			0.9	140	3300	1.6	2	2	2	1.0	1.7	1.1	160	4700	1.2	1.3

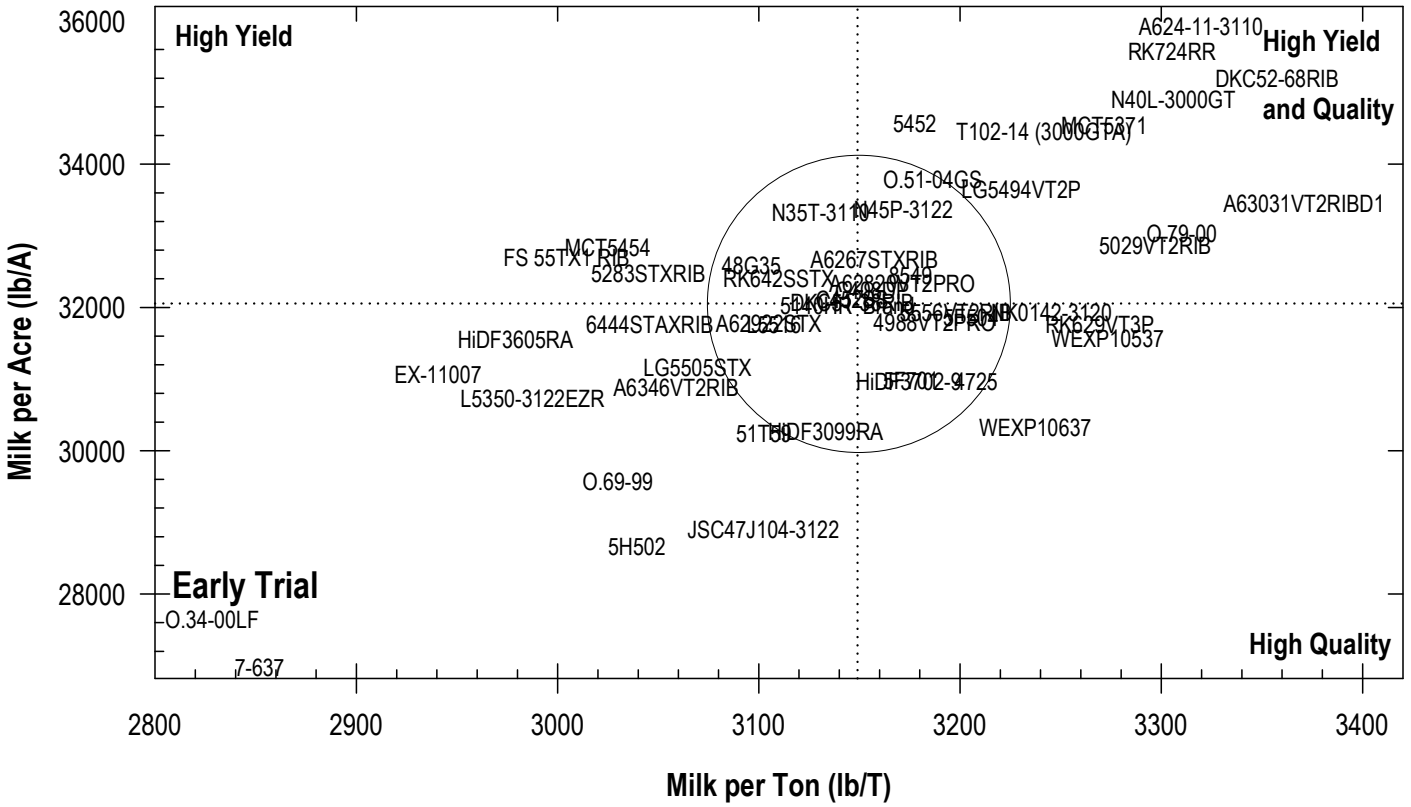
† Traits: CB=Corn Borer, DT=Drought Tolerant, LL=Liberty Link, RR=Roundup Ready, RW=Corn Rootworm, lfy=Leafy, ND=Nutri-Dense, wo=Water Optimize.

Average whole plant moisture of all hybrids in the trial as rated by the participating company maturity rating systems. Ratings are rounded to 5 day increments.

* Hybrids that performed statistically similar to the highest hybrid in the trial.

Shaded results provide the best estimate of relative hybrid performance.

Figure 3. Relationship between Milk per Acre and Milk per Ton of corn hybrids in South Central Wisconsin during 2017.



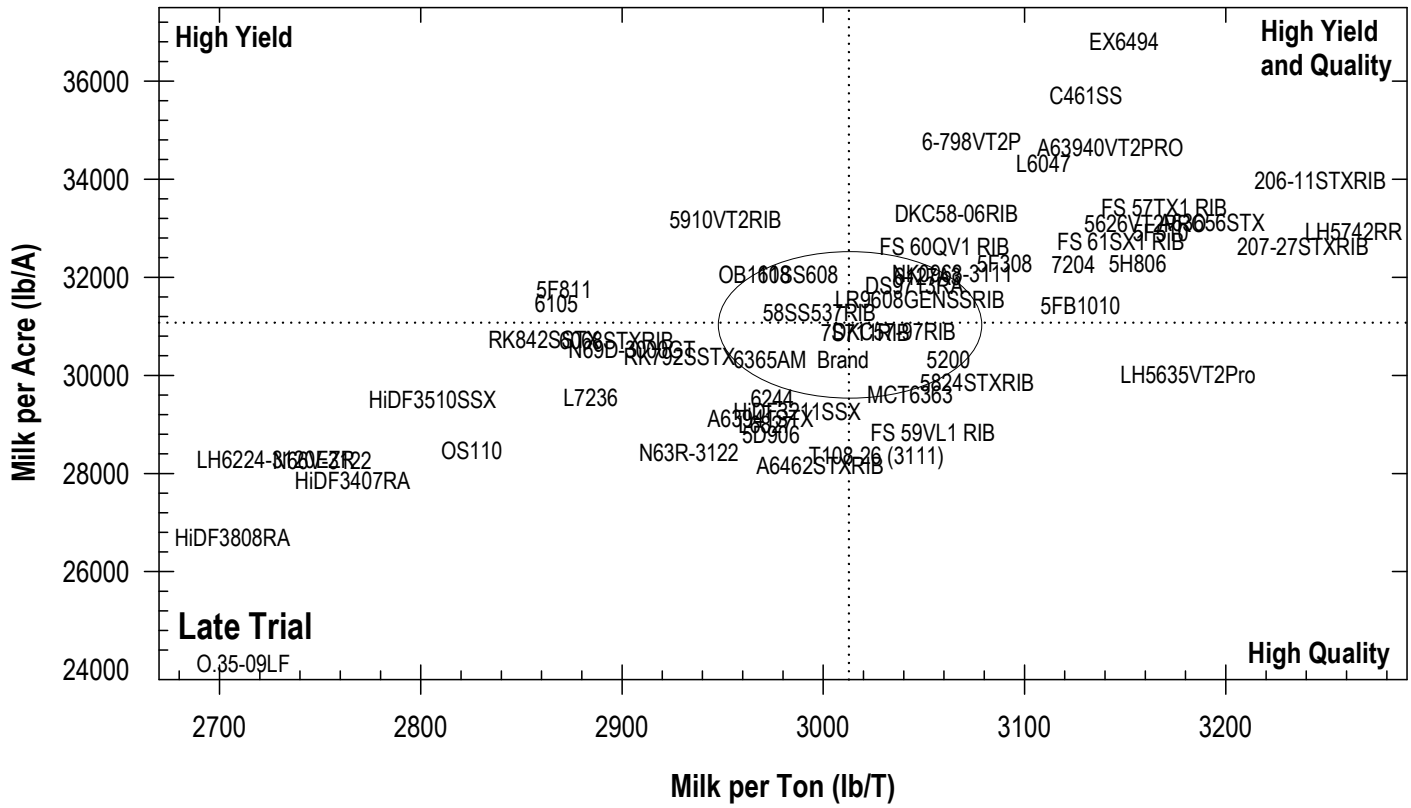


Table 18. North Central Zone - Early Maturity Silage Trial. (page 1 of 2)

99 day Relative Maturity or earlier based on company rating (Chippewa Falls= CHP, Marshfield= MAR, Valders= VAL)

			2017									2016					
			Average									Average					
			Yield	Milk per		Moist	NDF	NDFD	Starch	Yield (T/A)		Yield	Milk per		Yield (T/A)		
Brand	Hybrid	Traits†	(T/A)	Ton	Acre	%	%	%	%	CHP	VAL	(T/A)	Ton	Acre	CHP	MAR	VAL
Dairyland	HiDF3290-9	CB,LL,RR,RW	* 10.2	3240	* 33000	58.3	36	62	33	* 10.5	* 9.8	9.0	* 3370	30400	9.0	9.6	8.4
Masters Choice	MCT3891	RR	8.9	3230	28600	60.6	37	61	31	9.0	* 8.7	9.6	* 3370	* 32400	10.6	9.5	8.7
Spectrum	4130	None	9.2	3340	30700	61.0	35	63	34	8.8	* 9.5						
Great Lakes	4548VT2RIB	CB,RR	9.5	3360	* 32200	61.9	34	64	34	10.1	* 9.0						
Golden Harvest	G84J92-3011A	CB,LL,RR,RW-wo	8.5	3340	28400	62.3	37	64	32	8.0	* 8.9	9.7	* 3450	* 33600	9.8	9.7	* 9.7
Spectrum	4432	None	9.3	3290	30600	63.2	35	63	32	9.4	* 9.1						
Spectrum	4216	None	8.8	3400	30100	63.6	35	65	33	9.3	8.4						
90-DAY HYBRID TRIAL AVERAGE##						63.7											
Dairyland	HiDF3188RA	CB,LL,RR,RW	8.6	* 3430	29500	63.8	35	66	32	8.4	* 8.8	8.8	3240	28500	9.0	8.3	9.1
Latham	LH4727VT2PRORIB	CB,RR	8.9	3200	28500	64.5	37	61	30	8.5	* 9.3						
Renk	RK433RR	RR	9.6	3260	* 31300	64.6	36	63	31	10.0	* 9.2						
Dekalb	DKC46-79RIB	CB,LL,RR,RW	9.5	* 3420	* 32400	64.8	35	67	33	9.7	* 9.3	* 10.3	3250	* 33400	* 11.6	9.9	9.2
Viking	42-92	None	9.0	3300	29800	65.1	36	64	32	9.7	8.3						
Legend Seeds	LR9492VT2PRIB	CB,RR	9.3	3310	30800	65.2	36	63	32	9.5	* 9.1	9.4	* 3390	31900	9.7	9.4	9.2
Masters Choice	MCT4572	CB,LL,RR	* 9.9	3330	* 33200	65.5	35	63	32	10.2	* 9.6	9.5	3210	30700	10.3	8.3	* 9.9
NuTech/G2 Genetics	5FN6097	CB,LL,RR	8.2	3350	27500	65.5	34	67	32	8.7	7.7						
Golden Harvest	G90Y04-3110A	CB,LL,RR-wo	* 10.2	* 3410	* 34700	65.6	34	63	34	* 10.9	* 9.5	* 10.2	3260	* 33200	10.7	* 10.0	* 9.9
Legacy Seeds	L3335	CB,LL,RR-wo	8.7	* 3420	29600	65.6	34	64	33	8.7	* 8.6	* 10.2	3250	* 33100	10.5	* 10.1	* 9.9
Golden Harvest	G97N86-3110	CB,LL,RR	* 9.9	3320	* 32900	65.6	35	64	32	* 10.9	* 8.8						
Golden Harvest	G95D32-3110	CB,LL,RR	* 10.5	3310	* 35000	65.8	35	62	33	* 11.3	* 9.7	* 10.6	3230	* 34200	* 11.3	* 10.6	* 9.8
Munson	4605VT2P	CB,RR	8.7	3270	28400	66.0	37	63	30	9.3	8.1						
InVision	FS 43R48A	CB,LL,RR-wo	9.6	3310	* 31800	66.1	35	63	32	9.8	* 9.4						
95-DAY HYBRID TRIAL AVERAGE##						66.1											
InVision	FS 46RL0 EZR	CB,LL,RR	9.6	3300	* 31700	66.2	34	63	32	10.3	* 8.9						
Masters Choice	MCT4632	CB,LL,RR	9.0	* 3560	* 32300	66.2	34	69	34	9.4	* 8.7	9.1	* 3380	30800	9.6	9.4	8.5
Spectrum	4046	None	9.7	3280	* 31900	66.3	35	64	31	* 10.6	* 8.8						
Spectrum	4725	None	* 10.3	3260	* 33800	66.3	36	63	31	* 11.5	* 9.0						
Munson	5204-3010	CB,LL,RR	8.7	3250	28100	66.7	36	63	30	9.0	8.3						
Viking	O.33-95LF	None-lfy	* 10.1	3050	30700	66.9	41	62	25	10.3	* 9.8						
NuTech/G2 Genetics	5F196	CB,LL,RR	9.3	3260	30400	66.9	36	63	31	9.8	* 8.9	* 10.3	* 3290	* 33800	* 11.2	* 10.2	9.4
Munson	5710VT2P	CB,RR	9.5	3260	31200	67.0	35	63	31	9.4	* 9.7						
Great Lakes	4728VT2PRO	CB,RR	9.5	3280	31200	67.1	35	64	31	9.7	* 9.3						
LG Seeds	LG5465VT2P	CB,RR	9.6	3270	* 31600	67.2	37	63	30	10.2	* 9.1						
Renk	RK595SSTX	CB,LL,RR,RW	* 10.1	3220	* 32400	67.3	36	63	30	* 10.5	* 9.6						
LG Seeds	LG5420-3110A	CB,LL,RR-wo	9.2	3270	30100	67.4	36	63	30	9.4	* 9.1						

CONTINUED.

Table 18 (continued). North Central Zone - Early Maturity Silage Trial. (page 2 of 2)

99 day Relative Maturity or earlier based on company rating (Chippewa Falls= CHP, Marshfield= MAR, Valders= VAL)

			2017									2016					
			Average									Average					
			Yield	Milk per		Moist	NDF	NDFD	Starch			Yield	Milk per		Yield (T/A)		
Brand	Hybrid	Traits†	(T/A)	Ton	Acre	%	%	%	%	CHP	VAL	(T/A)	Ton	Acre	CHP	MAR	VAL
DeKalb	DKC49-73RIB	CB,RR	9.0	3210	28900	67.5	37	63	30	9.4	* 8.6						
Jung	47SS438	CB,LL,RR,RW	9.1	3250	29800	67.8	37	65	29	9.9	8.4						
InVision	FS 49ZX1 RIB	CB,LL,RR,RW	* 9.8	3240	* 31800	67.8	36	64	30	10.3	* 9.3						
Dairyland	HiDF3197RA	CB,LL,RR,RW	9.5	3180	30100	68.0	39	63	28	10.0	* 9.0	9.9	3230	31900	10.4	9.3	* 10.0
100-DAY HYBRID TRIAL AVERAGE##						68.1											
Golden Harvest	G98L17-3000GT	CB,LL,RR,RW	9.3	3280	30600	68.1	37	64	30	9.8	* 8.8	* 10.9	* 3290	* 35900	* 11.3	* 11.1	* 10.3
Legacy Seeds	L3916	CB,LL,RR,RW	9.6	3230	31100	68.5	37	63	29	9.9	* 9.3						
Dairyland	HiDF3099RA	CB,LL,RR,RW	* 10.1	3210	* 32500	68.6	38	62	29	* 10.5	* 9.6						
Jung	49SS437RIB	CB,LL,RR,RW	9.5	3130	29800	68.8	37	64	29	9.6	* 9.4						
Great Lakes	4988VT2PRO	CB,RR	8.8	3200	28000	70.4	38	65	28	9.0	* 8.5						
MEAN			9.4	3290	30900	65.7	36	64	31	9.7	9.0	9.6	3280	31500	10.1	9.5	9.1
LSD(0.10)**			0.8	150	3700	2.2	2	2	3	1.2	1.3	0.9	160	3900	1.2	1.3	1.0

† Traits: CB=Corn Borer, DT=Drought Tolerant, LL=Liberty Link, RR=Roundup Ready, RW=Corn Rootworm, lfy=Leafy, ND=Nutri-Dense, wo=Water Optimize.

Average whole plant moisture of all hybrids in the trial as rated by the participating company maturity rating systems. Ratings are rounded to 5 day increments.

* Hybrids that performed statistically similar to the highest hybrid in the trial.

Shaded results provide the best estimate of relative hybrid performance.

Table 19. North Central Zone - Late Maturity Silage Trial. (page 1 of 2)

100 day Relative Maturity or later based on company rating (Chippewa Falls= CHP, Marshfield= MAR, Valders= VAL)

			2017									2016					
			Average									Average					
			Yield	Milk per		Moist	NDF	NDFD	Starch	Yield (T/A)		Yield	Milk per		Yield (T/A)		
Brand	Hybrid	Traits†	(T/A)	Ton	Acre	%	%	%	%	CHP	VAL	(T/A)	Ton	Acre	CHP	MAR	VAL
Tracy Seeds	T102-14 (3000GTA)	CB,LL,RR,RW-wo	* 9.7	* 3240	* 31600	66.0	36	65	30	* 11.0	* 8.4	9.7	3160	30500	10.9	9.3	8.8
InVision	FS 50VX1 RIB	CB,LL,RR,RW	8.0	* 3300	26300	66.3	36	63	31	8.4	7.5	9.3	* 3340	31100	9.0	9.6	9.3
Renk	7-637	None	* 9.1	3050	27800	66.5	38	66	26	* 10.2	7.9						
Masters Choice	MCT5371	RR	7.9	* 3260	26000	66.8	36	66	31	8.5	7.4						
Golden Harvest	G01P52-3122A	CB,LL,RR,RW-wo	8.4	* 3300	27700	67.2	35	66	31	9.2	7.5	9.7	3240	31600	* 11.4	8.7	9.2
Jung	56DP538	CB,RR	8.9	* 3320	* 29700	67.3	36	66	31	9.8	8.0						
Latham	LH5335VT2Pro	CB,RR	* 9.3	* 3350	* 31300	67.3	36	63	32	* 9.9	* 8.7						
Steyer Seeds	WEXP10637	CB,LL,RR	8.6	* 3220	28200	67.7	36	64	30	9.7	7.5						
InVision	FS 52ZX1 RIB	CB,LL,RR,RW	* 9.1	* 3250	29600	67.8	37	66	29	9.8	* 8.3	9.3	* 3270	30500	10.3	8.5	9.2
NuTech/G2 Genetics	5F701	CB,LL,RR	* 9.2	* 3350	* 31000	68.0	37	66	30	9.8	* 8.7	10.1	* 3360	* 34000	* 11.3	10.3	8.7
Federal Hybrids	5550SSRIB	CB,LL,RR,RW	8.8	3150	28100	68.1	36	65	28	9.0	* 8.6	10.0	3120	31100	10.4	10.2	9.3
NuTech/G2 Genetics	5H502	CB,LL	* 9.1	* 3330	* 30400	68.1	36	65	31	9.7	* 8.4						
Prairie Hybrids	3415	None	* 9.7	* 3310	* 32400	68.1	37	67	30	* 10.1	* 9.3	* 10.7	* 3410	* 36400	* 11.4	9.9	* 10.7
Steyer Seeds	WEXP10537	CB,LL,RR	9.0	* 3330	* 30200	68.1	36	65	31	* 9.9	8.1						
Steyer Seeds	WEXP10137	CB,DT,RR	8.5	* 3320	28100	68.3	36	64	31	9.3	7.6						
Legacy Seeds	L5516	CB,LL,RR,RW	9.0	3070	27700	68.3	38	63	27	9.6	* 8.4						
Legend Seeds	LR94A01-3011A	CB,LL,RR,RW-wo	7.3	* 3190	23300	68.4	37	63	29	7.7	7.0	9.4	* 3300	31100	10.6	9.2	8.4
100-DAY HYBRID TRIAL AVERAGE##						68.4											
InVision	FS 52RL0 EZR	CB,LL,RR	8.6	* 3350	28900	68.5	36	64	31	9.6	7.6						
Golden Harvest	G03C84-3120	CB,LL,RR	* 9.1	* 3330	* 30700	68.5	37	64	30	* 10.3	8.0						
Munson	6275VT2P	CB,RR	* 9.2	* 3290	* 30300	68.5	36	65	31	9.6	* 8.7						
Golden Harvest	G01D24-3120	CB,LL,RR	8.0	* 3340	26800	68.5	36	64	31	8.8	7.2						
Legacy Seeds	L6047	CB,LL,RR,RW	* 9.5	* 3190	* 30300	68.8	36	64	30	* 10.1	* 8.9						
105-DAY HYBRID TRIAL AVERAGE##						68.9											
Legacy Seeds	L5350-3122EZR	CB,LL,RR,RW	* 9.5	* 3200	* 30600	69.0	38	63	29	* 10.8	8.1						
Renk	RK629VT3P	CB,RR,RW	* 9.3	3180	* 29700	69.0	38	64	28	* 10.2	* 8.3	9.6	3190	30900	10.7	9.0	9.2
Latham	LH5495-3122EZR	CB,LL,RR,RW	* 9.7	3170	* 30800	69.1	37	65	28	* 10.9	* 8.5						
InVision	FS 54ZX1 RIB	CB,LL,RR,RW	8.1	* 3220	27000	69.3	38	65	28	9.6	6.7	9.5	* 3370	32000	10.8	8.5	9.0
Prairie Hybrids	EX6494	None	* 9.7	* 3320	* 32400	69.3	36	67	31	* 10.1	* 9.4						
NuTech/G2 Genetics	5F504	CB,LL,RR	* 9.5	* 3270	* 31300	69.4	37	64	30	* 10.5	* 8.6						
Federal Hybrids	5570SSRIB	CB,LL,RR,RW	* 9.4	3130	* 29700	69.4	37	64	28	* 10.4	* 8.4						
Channel	204-74VT2PRIB	CB,RR	* 9.1	* 3290	* 29800	69.5	36	67	30	9.4	* 8.7						
Channel	203-01STXRIB	CB,LL,RR,RW	8.6	* 3300	28700	69.6	38	68	29	9.4	7.9	9.6	* 3310	31900	10.9	9.1	8.8
Dekalb	DKC52-68RIB	CB,RR	* 9.4	* 3360	* 31700	69.6	37	66	31	9.7	* 9.1	* 10.5	* 3420	* 35900	* 11.9	9.6	* 9.9
Federal Hybrids	5370SSRIB	CB,LL,RR,RW	* 9.2	3070	28400	69.7	39	62	27	9.7	* 8.7	10.3	* 3380	* 35000	* 11.2	10.1	* 9.7

CONTINUED.

Table 19 (continued). North Central Zone - Late Maturity Silage Trial. (page 2 of 2)

100 day Relative Maturity or later based on company rating (Chippewa Falls= CHP, Marshfield= MAR, Valders= VAL)

			2017									2016					
			Average									Average					
			Yield	Milk per		Moist	NDF	NDFD	Starch	Yield (T/A)		Yield	Milk per		Yield (T/A)		
Brand	Hybrid	Traits†	(T/A)	Ton	Acre	%	%	%	%	CHP	VAL	(T/A)	Ton	Acre	CHP	MAR	VAL
Spectrum	5452	None	8.7	3120	27400	69.7	38	62	28	9.3	8.2						
Tracy Seeds	T104-13 (3000GT)	CB,LL,RR,RW	* 9.1	* 3230	29500	69.8	38	65	28	* 10.2	7.9	10.0	3220	32100	* 11.1	10.0	8.9
Renk	RK642SSTX	CB,LL,RR,RW	8.3	3070	25400	70.3	38	64	26	9.0	7.5						
Prairie Hybrids	5200	None	* 9.6	3070	* 29800	70.8	39	65	26	* 10.5	* 8.6	* 11.0	3140	* 34800	* 11.4	* 11.4	* 10.3
Dairyland	HiDF3605RA	CB,LL,RR,RW	* 9.3	2860	26800	70.9	40	59	24	9.8	* 8.8	* 10.7	2980	31900	10.9	* 11.0	* 10.2
Dairyland	HiDF3702-9	CB,LL,RR,RW	8.5	3140	26800	71.7	39	67	26	9.8	7.2						
Dairyland	EX-11007	CB,LL,RR	* 9.9	3140	* 30900	72.6	39	65	27	* 9.9	* 9.8						
MEAN			9.0	3220	29100	68.7	37	65	29	9.7	8.2	10.0	3200	32000	10.8	9.8	9.4
LSD(0.10)**			0.8	170	2700	1.8	2	2	3	1.2	1.5	0.8	150	3400	1.2	1.2	1.3

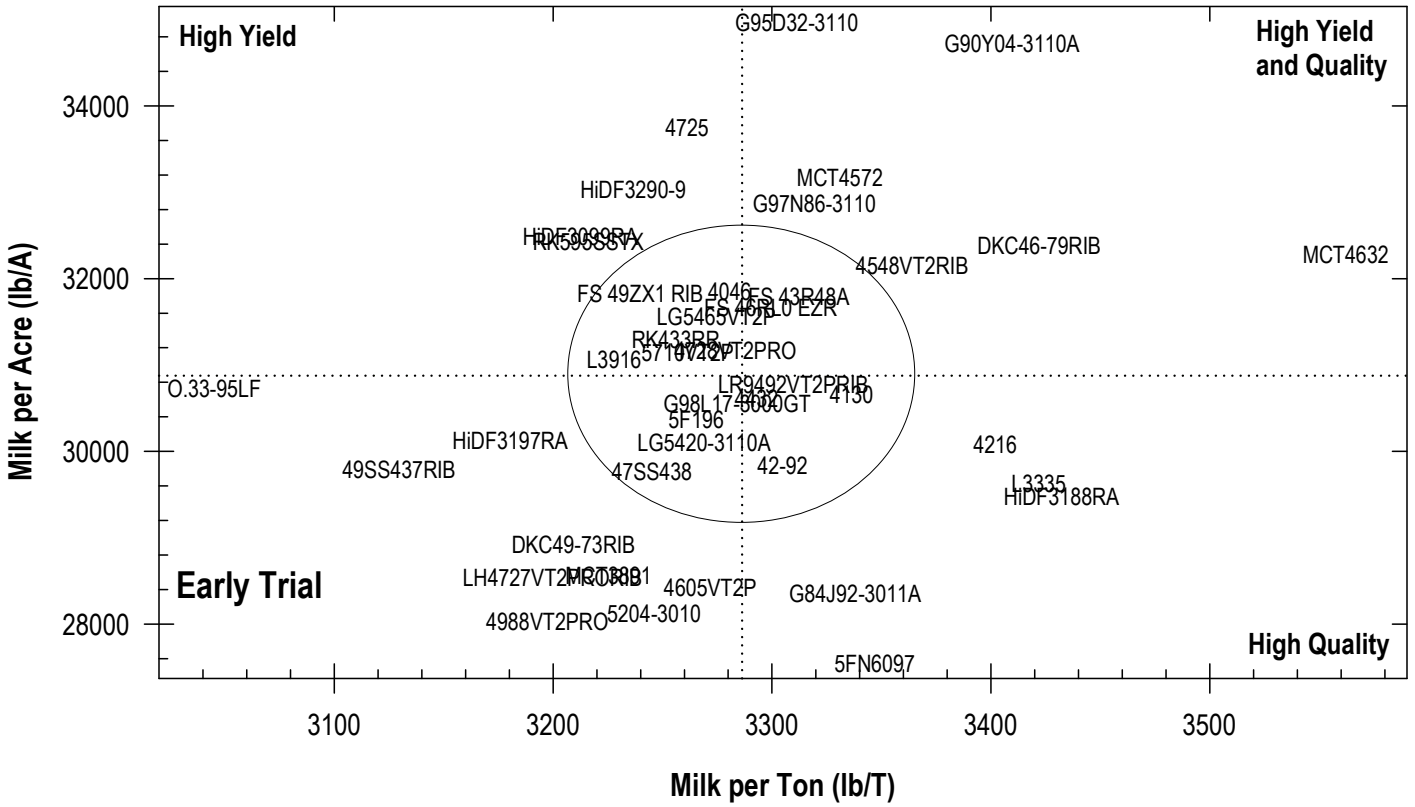
† Traits: CB=Corn Borer, DT=Drought Tolerant, LL=Liberty Link, RR=Roundup Ready, RW=Corn Rootworm, lfy=Leafy, ND=Nutri-Dense, wo=Water Optimize.

Average whole plant moisture of all hybrids in the trial as rated by the participating company maturity rating systems. Ratings are rounded to 5 day increments.

* Hybrids that performed statistically similar to the highest hybrid in the trial.

Shaded results provide the best estimate of relative hybrid performance.

Figure 4. Relationship between Milk per Acre and Milk per Ton of corn hybrids in North Central Wisconsin during 2017.



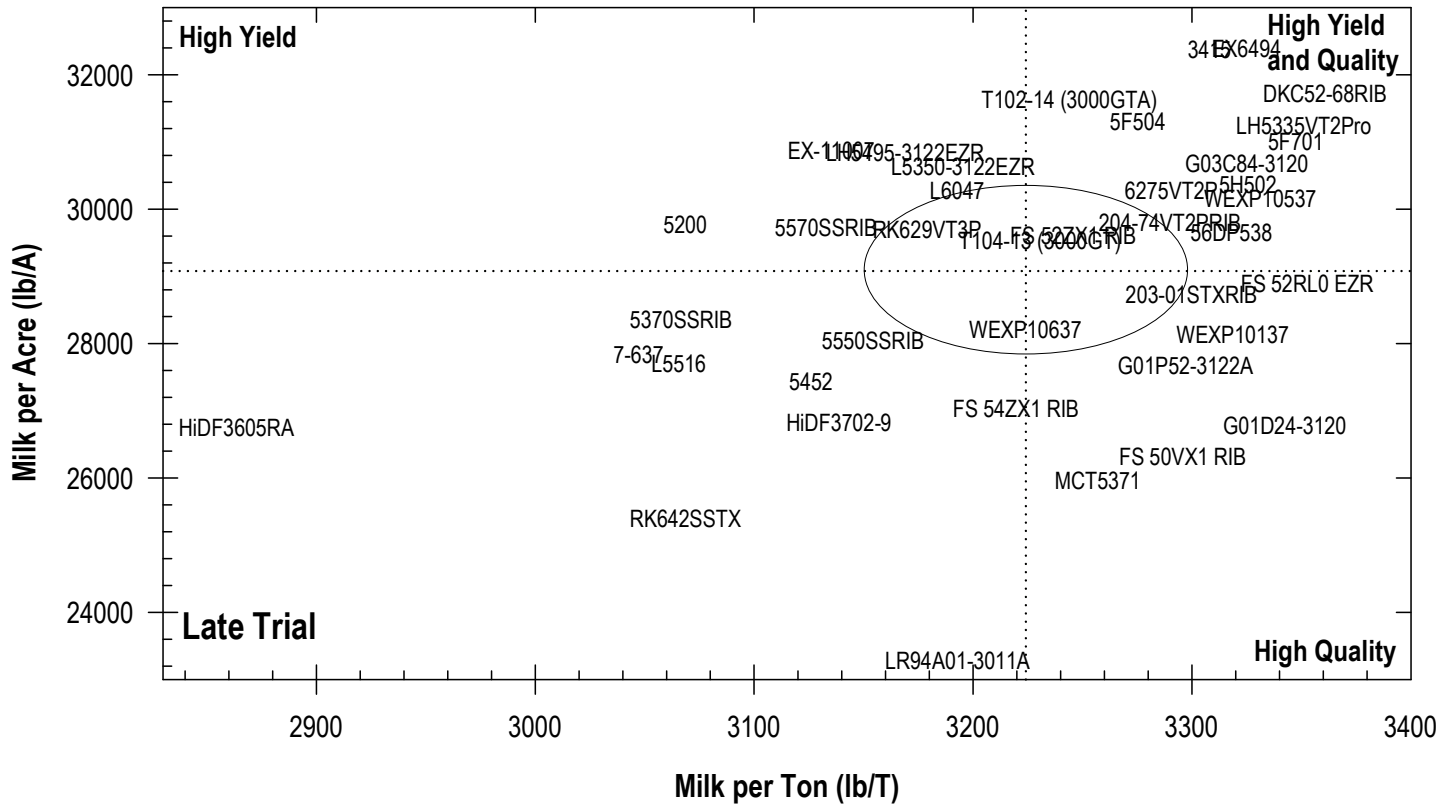


Table 20. Northern Zone Silage Trial. (page 1 of 2)

(Coleman= COL, Marshfield= MAR Spooner irrigated sand= SPI, Spooner dryland silt loam= SPS)

			2017									2016						
			Average									Average						
			Yield	Milk per		Moist	NDF	NDFD	Starch	Yield (T/A)		Yield	Milk per		Yield (T/A)			
Brand	Hybrid	Traits†	(T/A)	Ton	Acre	%	%	%	%	SPI	SPS	(T/A)	Ton	Acre	COL	MAR	SPI	SPS
Masters Choice	MCT2552	CB,LL,RR	7.2	3350	24300	51.5	37	64	34	7.5	6.9							
DeKalb	DKC26-40RIB	CB,RR	7.0	3160	22000	54.7	37	62	31	7.5	6.4							
Jung	31DP308	CB,RR	7.8	3300	25700	58.9	37	64	31	8.2	7.4							
Latham	EX3695VT2Pro	CB,RR	8.6	* 3410	29400	60.9	37	65	32	9.3	7.9							
NK Brand	N18Q-3011A	CB,LL,RR,RW-wo	8.6	3340	28800	61.1	40	63	30	9.3	7.9	9.1	3420	31000	9.6	9.7	9.1	7.8
Masters Choice	MCT3891	RR	8.9	3320	29600	61.2	38	65	30	9.2	8.6							
Legacy Seeds	L2836	CB,LL,RR	9.4	* 3400	* 32000	61.7	37	65	31	* 10.2	8.6							
Spectrum	4432	None	9.2	3210	29500	62.3	39	63	29	9.5	* 8.9							
Dairyland	HiDF3290-9	CB,LL,RR,RW	* 9.6	* 3480	* 33400	62.9	37	66	33	* 10.3	* 8.9	* 9.8	* 3480	* 34400	9.3	* 10.8	* 10.4	* 8.9
DeKalb	DKC41-99RIB	CB,RR	9.0	* 3430	31000	62.9	38	66	31	9.2	* 8.9							
Dairyland	HiDF3188RA	CB,LL,RR,RW	8.6	* 3500	30000	63.1	37	69	31	9.4	7.7	8.8	* 3500	30800	* 10.0	8.9	9.2	7.1
85-DAY HYBRID TRIAL AVERAGE##						63.4												
Latham	EX4067VT2Pro	CB,RR	8.8	3350	29500	63.4	37	66	31	* 9.8	7.9							
Spectrum	4216	None	7.9	* 3420	27200	63.8	38	66	31	8.3	7.6							
NK Brand	NK9495-3110A	CB,LL,RR-wo	8.3	3310	27400	64.0	39	65	29	8.9	7.6							
Jung	4D178RIB	CB,RR	8.3	* 3380	28100	64.2	37	65	31	8.9	7.7							
Great Lakes	3870VT2RIB	CB,RR	8.0	* 3460	27800	64.5	37	66	31	8.9	7.2							
Legacy Seeds	L2937	CB,LL,RR	9.2	* 3440	* 31700	64.5	37	64	31	* 10.2	8.2							
Foundation Direct	8801	None	9.1	* 3420	* 31300	64.5	37	66	32	9.3	* 8.9							
90-DAY HYBRID TRIAL AVERAGE##						64.7												
Great Lakes	4250VT2RIB	CB,RR	8.8	* 3430	30100	64.8	38	67	30	9.3	8.2							
Viking	O.71-90GSUP	None	* 9.5	* 3440	* 32700	65.1	38	66	31	* 10.2	* 8.8							
PIP	4894	CB,LL,RR	* 9.6	* 3420	* 33000	65.2	37	67	31	* 10.6	* 8.7							
Foundation Direct	HDS84	None-HDS	7.1	3270	23400	65.4	38	68	27	7.7	6.6	8.1	* 3560	28700	8.0	8.6	8.5	7.1
Federal Hybrids	4160VT2PRIB	CB,RR	8.8	3360	29400	65.4	39	66	29	9.5	8.0	* 10.0	* 3450	* 34500	* 10.4	9.4	* 10.6	* 9.3
Foundation Direct	HDS85	None-HDS	8.9	* 3430	30600	65.5	38	66	31	9.6	8.2							
Federal Hybrids	4180VT2P	CB,RR	8.4	3310	27900	65.6	38	65	29	9.2	7.7							
NK Brand	NK9738-3110	CB,LL,RR	* 10.0	* 3380	* 33800	65.6	38	66	30	* 10.7	* 9.4							
Federal Hybrids	4240SSRIB	CB,LL,RR,RW	8.6	3350	28900	65.8	39	65	29	9.3	7.9							
Spectrum	4130	None	9.2	* 3420	* 31500	66.0	37	66	30	* 9.8	* 8.7							
NK Brand	N36G-3120	CB,LL,RR	9.4	3320	* 31200	66.1	38	66	29	* 10.4	8.4							
Great Lakes	4062VT2RIB	CB,RR	9.2	3250	30000	66.2	40	65	27	* 10.2	8.2							
Blue River Hybrids	27B16	None	8.7	* 3450	30100	66.2	38	65	31	9.3	8.1							
95-DAY HYBRID TRIAL AVERAGE##						66.2												
Masters Choice	MCT4572	CB,LL,RR	* 9.9	* 3430	* 33800	66.3	37	65	31	* 10.9	* 8.8							

CONTINUED.

Table 20 (continued). Northern Zone Silage Trial. (page 2 of 2)

(Coleman= COL, Marshfield= MAR Spooner irrigated sand= SPI, Spooner dryland silt loam= SPS)

			2017									2016						
			Average									Average						
			Yield	Milk per		Moist	NDF	NDFD	Starch	Yield (T/A)		Yield	Milk per		Yield (T/A)			
Brand	Hybrid	Traits†	(T/A)	Ton	Acre	%	%	%	%	SPI	SPS	(T/A)	Ton	Acre	COL	MAR	SPI	SPS
Legacy Seeds	L3115	CB,RR	8.5	3260	27800	66.3	40	65	27	8.7	8.4							
NK Brand	N35T-3110	CB,LL,RR	* 9.5	3200	30300	66.3	38	64	28	* 10.7	8.2							
Dairyland	HiDF3197RA	CB,LL,RR,RW	* 9.9	3280	* 32400	66.5	39	69	27	* 10.7	* 9.1	9.6	3330	32000	* 10.6	9.8	* 10.1	8.0
NK Brand	N27P-3110A	CB,LL,RR-wo	9.4	3270	30600	66.6	39	65	28	* 10.2	8.5	* 10.0	* 3470	* 34600	* 10.0	10.0	* 10.3	* 9.6
Channel	195-18VT2PRIB	CB,RR	8.8	3260	29000	66.7	40	66	27	* 9.8	7.9							
Spectrum	4046	None	8.9	3320	29500	67.0	39	65	28	9.6	8.1							
Channel	198-98STXRIB	CB,LL,RR,RW	* 9.7	3190	30900	67.5	38	67	26	* 10.4	* 8.9	* 10.4	3320	* 34600	* 11.1	9.7	* 11.3	* 9.6
Great Lakes	4333-3110A	CB,LL,RR-wo	9.2	3310	30400	67.7	38	65	28	* 10.0	8.3							
Jung	47SS438	CB,LL,RR,RW	8.6	3140	26900	67.8	41	67	25	8.7	8.5							
NK Brand	N40L-3000GT	CB,LL,RR,RW	9.1	3230	29400	68.3	40	66	26	* 9.9	8.3							
Blue River Hybrids	33ND10	None	* 9.7	3240	* 31400	68.4	39	67	26	* 10.4	* 8.9							
MEAN			8.9	3340	29600	64.4	38	66	30	9.5	8.2	9.4	3430	32100	9.8	9.6	9.6	8.4
LSD(0.10)**			0.6	120	2600	2.1	2	2	2	1.1	0.7	0.6	110	2600	1.1	0.8	1.4	1.0

† Traits: CB=Corn Borer, DT=Drought Tolerant, LL=Liberty Link, RR=Roundup Ready, RW=Corn Rootworm, lfy=Leafy, ND=Nutri-Dense, wo=Water Optimize.

Average whole plant moisture of all hybrids in the trial as rated by the participating company maturity rating systems. Ratings are rounded to 5 day increments.

* Hybrids that performed statistically similar to the highest hybrid in the trial.

Shaded results provide the best estimate of relative hybrid performance.

Figure 5. Relationship between Milk per Acre and Milk per Ton of corn hybrids in Northern Wisconsin during 2017.

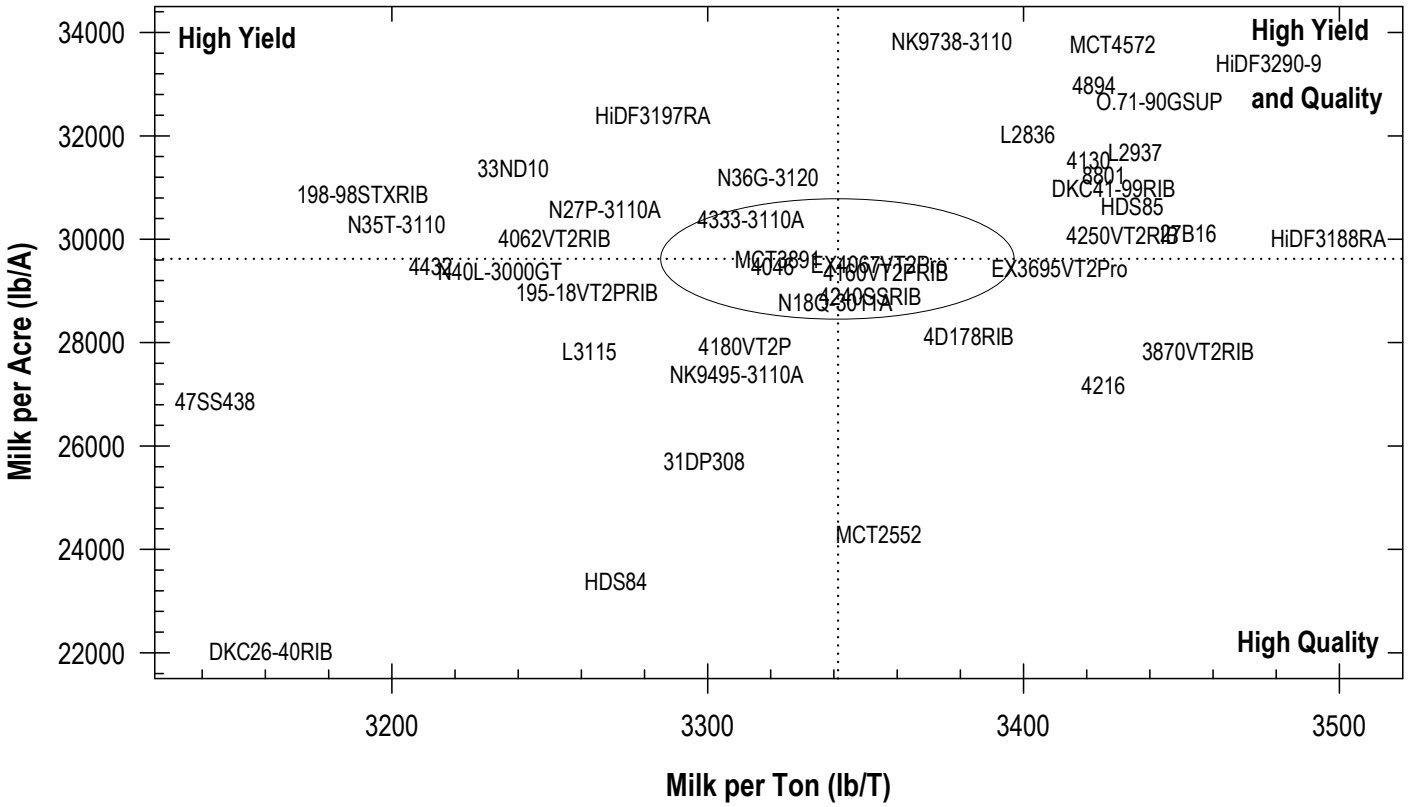


Table 21. South Central Zone - Organic Grain Trial.

(Fond du Lac= FON, Galesville= GAL, Hancock= HAN)

			2017								2016				
			Average					Yield (bu/A)			Average		Yield (bu/A)		
Brand	Hybrid	Traits†	Yield (bu/A)	P.I. #	Moist %	Test Wt.	Lodge %	FON	GAL	HAN	Yield (bu/A)	P.I. #	FON	GAL	HAN
Foundation Organic	8855UT	None	205	98	22.0	55	1	211	203	200					
Organic	UW Check D-HW	None	223	* 102	22.5	54	0	235	221	219					
Organic	UW Check D	None	231	* 103	22.7	54	1	* 257	222	212					
Viking	O.84-95UP	None	211	99	23.4	54	0	206	200	225					
95-DAY HYBRID TRIAL AVERAGE##					24.0										
Foundation Organic	ORG8700	None	226	101	25.4	52	1	228	238	211	197	98	197	183	212
Blue River Hybrids	45G28	None	223	100	25.8	54	1	226	221	218					
Foundation Organic	8762UT	None	235	* 103	25.9	54	0	237	237	226	207	* 101	189	211	213
Viking	O.86-03UP	None	205	96	26.9	54	1	203	201	216					
Viking	O.79-00	None	229	100	28.2	51	1	220	232	* 231					
Viking	O.69-99	None	234	101	28.5	55	0	237	252	211					
Foundation Organic	ORG8600	None	228	100	28.9	52	0	224	232	* 229					
100-DAY HYBRID TRIAL AVERAGE##					29.1										
Foundation Organic	8549UT	None	239	* 102	30.1	52	0	231	251	* 233					
105-DAY HYBRID TRIAL AVERAGE##					30.1										
Viking	O.51-04GS	None	231	99	30.2	53	2	237	245	213					
Blue River Hybrids	48G35	None	* 259	* 105	31.4	53	1	* 258	* 276	* 246	* 217	* 101	* 221	212	223
Foundation Organic	ORG8507	None	221	97	31.6	53	0	235	233	190	* 217	* 102	* 213	221	* 225
Blue River Hybrids	51T59	None	227	97	33.0	53	0	224	234	225	* 225	* 104	209	222	* 247
MEAN			227	100	27.3	53	1	229	231	219	206	100	198	208	214
LSD(0.10)**			15	3	1.5	1	1	17	22	19	23	6	17	18	22

Average grain moisture of all hybrids in the trial as rated by the participating company maturity rating systems. Ratings are rounded to 5 day increments.

* Hybrids that performed statistically similar to the highest hybrid in the trial.

Shaded results provide the best estimate of relative hybrid performance.

Table 22. North Central Zone - Organic Grain Trial.

(Chippewa Falls= CHP, Marshfield= MAR, Seymour= SEY, Valders= VAL)

			2017									2016				
			Average									Average				
Brand	Hybrid	Traits†	Yield (bu/A)	P.I. #	Moist %	Test Wt.	Lodge %	CHP	SEY	VAL		Yield (bu/A)	P.I. #	CHP	MAR	VAL
Foundation Organic	ORG7957	None	139	84	21.8	55	1	119	159	138						
Viking	O.88-91UP	None	211	* 101	23.1	53	0	192	227	* 212						
Foundation Organic	ORG8801	None	* 231	* 105	23.4	56	1	* 216	247	* 232		* 210	* 106	* 241	* 194	196
Foundation Organic	8830UT	None	210	* 100	23.8	53	1	194	226	* 209						
Viking	90-91UNT	None	* 234	* 105	24.3	53	2	* 227	* 264	* 211						
90-DAY HYBRID TRIAL AVERAGE##					24.6											
Blue River Hybrids	27B16	None	* 233	* 104	25.4	56	2	* 222	* 276	199						
Organic	UW Check D-HW	None	* 231	* 104	25.9	54	0	* 236	246	* 215						
Foundation Organic	8847	None	196	95	26.0	55	1	196	227	166						
Organic	UW Check D	None	* 227	* 102	26.6	53	0	* 241	* 257	182						
Viking	O.84-95UP	None	* 223	* 101	27.1	54	1	* 222	241	206						
95-DAY HYBRID TRIAL AVERAGE##					27.2											
Blue River Hybrids	33A16	None	215	* 99	27.4	55	4	* 210	252	183		* 198	* 102	* 217	* 177	* 198
Viking	O.82-95	None	200	95	28.2	55	1	* 211	225	166						
Blue River Hybrids	38G54	None	* 241	* 104	29.9	53	1	* 240	* 274	* 213						
MEAN			215	100	25.6	54	1	210	240	195		187	100	183	179	200
LSD(0.10)**			22	6	2.8	2	3	36	20	23		27	8	29	30	18

Average grain moisture of all hybrids in the trial as rated by the participating company maturity rating systems. Ratings are rounded to 5 day increments.

* Hybrids that performed statistically similar to the highest hybrid in the trial.

Shaded results provide the best estimate of relative hybrid performance.

Table 23. Comparisons over time of all hybrids tested between 2017 and 2015. A star (*) indicates that the hybrid performed statistically similar to the highest hybrid for yield or performance index (P.I. or Milk2006) in one or more zones.

Brand / Hybrid	Year(s) tested
AgriGold	
A6179STXRIB	17,16,15
A6199STXRIB	17,16,15
A6217STXRIB	15
A6237STX	16
* A624-11-3110	17*
* A6257STX	15,14*,13
A6257STXRIB	17,16
* A6267STXRIB	17*,16*,15,14*
* A62820VT2PRO	17*
A6283VT2PRO	15
A6283VT2RIB	17,16
* A62922STX	17*
* A6300STXRIB	16,15*
* A63031VT2RIBD1	17*
A6346STX	16
* A6346VT2RIB	17*
A6351STXRIB	17,16
* A63554VT2PRO	17*
* A6355STX	15*
A6355STXRIB	16
* A6358VT3PRIB	15*,14*
A63655VT2PRO	17
* A63656STX	17*
* A63940VT2PRO	17*
A63941STX	17
A64077VT2PRO	17
A6408VT3PRIB	15,14,13
* A6413STXRIB	17*,16*
* A6416STXRIB	16,15*,14*
* A64178STX	17*
* A6424GT3VIP	16*
A64259STX	17
* A6441STX	15*
* A6441STXRIB	16*
* A6442STXRIB	16*,15*,14*
* A6458VT3PRIB	16*,15,14,13*
* A6462STXRIB	17*,16*,15*
A6499STXRIB	17,16
* A6533VT3PRIB	16*,15*,14,13
* A6542STX	15*
A6553STXRIB	15
* A6559STXRIB	15*,14
Beck's	
4606V2P	16
4617SX	16
* 4721AM	16*
* 4824BR	17*
* 4919SX	17,16*
* 5140HR Brand	17*
* 5162A3	16*
* 5234AMX	16*
5337SX	16
* 5513AMXT Brand	17*,16*
* 5665AMX Brand	17*,16*
5828AMX	16
* 5829A4	17*,16*
5883SX	17
6076SX	16
6127A3	17
6165AMX	16
6274SX	17
* 6365AM Brand	17*
* 6365AMX	16*
EX1736 Brand	17
Blue River Hybrids	
26A17	15,14
* 27B16	17*
* 33A16	17*,16*
* 33L90	15,14*,13*
* 33ND10	17*
35M70	15,14
* 37K90	15*,14*
* 38G54	17*
* 43L96	15,14*,13*
* 43T35	16*
45G28	17
* 48G35	17*,16*
* 49K70	16*
* 51T59	17*,16*
* 53H36	15*
62G22	17
66G25	17
Brunner	
2822GT	16,15,13
2855	15
2865A	17,16
2865GTA	16
2894-3010A	15
2894GT-3110A	16
* 2897GT-3010	17*
* 3915	16,15*,14*
* 3915-3010	15,14*,13*
* 3915GT-3110	17*,16
* 3920	17,16,15*
3946GT-3110A	17
3955	16,15
* 3992GTA	16,15*
4005	15
4023	15
* 4044	17*,16
* 4076GT-3111	16*
4095ND-3011	15
Burrus	
* 6T54-3000GT	15*
* X6R20-3000GT	17*
Channel	
187-42VT2PRIB	15
* 189-03VT2PRIB	15,14*
190-13VT2PRIB	16,14
191-87STXRIB	15,14
* 193-53STXRIB	16*
194-14VT2PRIB	16,15
195-18VT2PRIB	17
* 195-58STXRIB	16,15*,13*
197-50STXRIB	15
* 197-68STXRIB	15*,14*,13*
* 198-98STXRIB	17*,16*
201-28VT2PRIB	16
* 202-52STXRIB	16,15*
* 203-01STXRIB	17*,16*
203-88STXRIB	15
* 204-74VT2PRIB	17*
* 205-19STXRIB	16,15*
* 206-11STXRIB	17*
206-30STXRIB	16
* 207-27STXRIB	17*,16*,15*
* 209-15STXRIB	17*
209-46STXRIB	15,14
* 209-53STXRIB	17,15*,14*,13*
* 211-35STXRIB	16,15*
213-59STXRIB	16
Cornelius	
* C287SS	15,14*
C290	15
C296	15
C324DP	16
C325SS	15,14,13
C338DGDP	16,14
* C344VT3P	15*,14*,13*
* C374	15*,14,13*
C380	17
C380DP	16
C380SS	15
* C408DP	17*,16*
* C428	15*,13*
C449DP	17,15
* C452SS	17*
* C457SS	16,15*,14*
* C461SS	17*
* C490	16*,15*,14*
C495DP	16
C533SS	15,14,13
* C574	16*,15*
* C574DP	16*,15*
* C574SS	15*,14*,13*
* C576SS	15,14*
C585DP	17
* C594VT3P	16*,15*,14*,13*
* C602	15*
* C602SS	16,15*,14*,13
* C621	16*
* C621SS	17,16*,15*,14*
* C628	15*
* C628VT3P	15*,14*,13
* C633DP	17*
* C634SS	16*
* C728RR	15*
* C732	16*
C732-3000GT	15
* C733SS	17,16*,15*
* C744SS	15*
C765SS	17
Dahlman	
* R43-23VT2PRIB	15,14,13*
R43-26VT2PRIB	16
R44-25VT2PRIB	16
* R44-26VT2PRIB	16,15*,13*
* R45-22VT2PRIB	15*,14*
* R45-28VT2PRIB	16,15*
* R46-27VT2PRIB	16*,15*,14*,13*
* R48-32VT3PRIB	15,14,13*
R52-352SSRIB	16
Dairyland	
DS1091	17,16
* DS6106	17*
DS7185	17
* DS7294	17*,16*
DS9090SSX	17
* DS9106	16*
DS9186RA	15
DS9198	15
DS9198RA	16
* DS9203	15*
DS9204	16
DS9307RA	15
* DS9403	16*
DS9409RA	15
* DS9487RA	15,14*,13*
* DS9508RA	17,16,15*
DS9510SSX	17
* DS9513	16*
* DS9593	15*
* DS9599	17*,16,15
DS9686	17,16
* DS9693	15*
DS9701	15
DS9701RA	17,16
* DS9713RA	17,14*
DS9787SSX	16
DS9791RA	15,14,13
* DS9802	16*
DS9802RA	17
DS9804SSX	17
* DS9805	15*
DS9905SSX	15
DS9911	16
* EX-08906	17*
* EX-09604	17*
EX-09706	17
* EX-11007	17*
EXP10707	16
* EXP11213	16*
* HiDF3099-9	16*,15*
* HiDF3099RA	17*
* HiDF3103-9	16*
* HiDF3105RA	15,14*
* HiDF3108RA	15*,14*,13*
* HiDF3188-6	15*
* HiDF3188RA	17*,16*,14*
* HiDF3197-7	15*,14*,13*
* HiDF3197RA	17*,16
HiDF3211SSX	17
* HiDF3290-9	17*,16*,15*,14*,13
HiDF3407RA	17
* HiDF3413-9	17*
* HiDF3510SSX	17*,16*,15*,14*,13*
* HiDF3605-9	15*
* HiDF3605RA	17*,16*
* HiDF3700RA	16*
* HiDF3700SSX	15*
* HiDF3702-9	17,16*,15*,14,13*
* HiDF3808RA	17,16*
* HiDF3808SSX	15*
HiDF3915SSX	17

Table 23 (continued). Comparisons over time of all hybrids tested between 2017 and 2015. A star (*) indicates that the hybrid performed statistically similar to the highest hybrid for yield or performance index (P.I. or Milk2006) in one or more zones.

Brand / Hybrid	Year(s) tested
DeKalb	
DKC26-40RIB	17
* DKC41-99RIB	17*
* DKC49-73RIB	17*
* DKC50-08RIB	17*
* DKC55-84RIB	17*
* DKC60-87RIB	17*
* DKC62-20RIB	17*
* DKC63-60RIB	17*
DKC32-12RIB	17,16
DKC34-82RIB	16,15
DKC35-88RIB	17,16
DKC36-28RIB	15
DKC36-30RIB	16,14
DKC37-86RIB	15
* DKC38-04RIB	15,14,13*
* DKC39-27RIB	16,15*
* DKC40-77RIB	17,16*
* DKC44-13RIB	15,14*
DKC45-07RIB	16
* DKC45-65RIB	17,16*,15*
* DKC46-36RIB	17,16*,15*
* DKC46-79RIB	17*,16*
* DKC47-35RIB	15*,14*
* DKC49-72RIB	16,15*
DKC50-82RIB	15
* DKC51-38RIB	17*
* DKC52-30RIB	15,14*
* DKC52-68RIB	17*,16*
* DKC53-56RIB	15,14*,13*
DKC53-68RIB	16
* DKC54-38RIB	16,15*,14*
* DKC55-09RIB	15*,13
* DKC55-93RIB	16*
* DKC56-03RIB	16*,15
* DKC56-45RIB	17*
* DKC57-75RIB	15,14*,13*
* DKC57-97RIB	17*
* DKC58-06RIB	17*,16*
DKC58-87RIB	15,14
* DKC60-67RIB	16*,15*,14*
* DKC62-08RIB	16,14*,13
* DKC63-33RIB	16*,15*,14*,13*
DuPont Pioneer	
P0157AMX	16,15
P0419AMX	15
* P0448AMX	15*,14*,13*
P0496AMX	16,14
* P0506AM	17,16,15*
* P0825AMXT	16*
* P0921AMXT	16*
* P0993AM1	15*,14*,13*
P1197AMXT	16,15
P1257AMXT	15
* P1498AM1	15,14*
* P8542AM	16*
* P9188AM	16*,15*
* P9284AM	15*,14*
* P9526AM	15*,14*
* P9690AM	16,14*
* P9789AMXT	16*,15*
P9807AM	15
* P9840AM	16*
* P9910AM1	15,14*,13*
Elk Mound Seeds	
* EMS9315	15*
Federal Hybrids	
3270VT2P	16
3540VT2P	15,14
3560RR	15
3570VT2P	17
3660GT3011A	17,16,15
3880VT2P	17
* 3950VT2P	15*
3950VT2PRIB	16
3970VT2	16
* 4060VT2P	15*
4060VT2PRIB	16
* 4160VT2P	15*
* 4160VT2PRIB	17*,16*
* 4180VT2P	17*
4240SSRIB	17
* 4240VT2P	15*,14*
4240VT2PRIB	16
4470VT2P	17,16
4550SSRIB	16
4558SSRIB	16
* 4560VT2PRIB	16*
* 4580VT2P	17*
4640VT3P	15
* 4680VT2P	17*
4840SS	15
5050SS	15
5060VT2P	16
5140SS	15
5250SS	15
5280SS	17
* 5340GT	15,14*
* 5370SSRIB	17*,16*
* 5440SS	15*
5440SSRIB	16
5530VT3P	15
5550SSRIB	17,16
* 5570SSRIB	17*
5615SS	15
5640SS	15
5670SSRIB	17
Foundation Direct	
2500	16
* 8549	17*
8700	16,15
* 8762	17*,16
* 8801	17*,16,15
8855	17
8907	16
8988	16
* HDS84	17,16*,15*
* HDS85	17*,16*,15*,14*,13*
* HDS90	16*,15
* HDS95	16*,13
* ORG8355	16*
ORG8972	16
Foundation Organic	
* 8549UT	17*
* 8762UT	17*,16*,14*
* 8830UT	17*,16,15,14
8847	17
8855UT	17
* OR8331	16*,14*,13*
ORG7957	17
ORG8383	15
* ORG8507	17,16*,15*
* ORG8513	15,14,13*
ORG8586	16
ORG8600	17
* ORG8700	17,16*,15
* ORG8777	15,14,13*
* ORG8780	16*,15
* ORG8801	17*,16*,15
Frontiersmen	
090-H3VT2P	17
094-D7VT2PRIB	17
097-D8VT2P	17
101-C7GENSS	17
* 103-C7GENSS	17*
Golden Harvest	
* G01D24-3120	17*
* G01P52-3011A	16*,15*,14*,13
* G01P52-3122A	17*,16
G01Q76-3010	16
G03A50-3010	16
* G03C84-3120	17*
G05B91-3010	17
* G05T82-3122	15*
G06N80-3111	15,14
* G07B39-3111A	15*,14*
G07B39-3122	16
* G07F23-3111	16,15,14*,13
G09A86-3111	17
* G09E98-3000GT	15*,14*
* G09E98-3122	17,16*
* G10T63-3122	17*,16*
* G12J11-3111A	15*
* G12W66-3000GT	17,16*
G82M47-3110	15
* G84J92-3011A	17,16*,15
G85Z56-3110A	16
G88R13-3010	16
* G89A09-3010	17*
G90E41-3110A	16
* G90Y04-3110A	17*,16*,15*
* G92T43-3111	15*,13
* G93H90-3000GT	15*,14
G94B95-3110	16,15
* G94U87-3110A	17*
* G95D32-3110	17*,16*,15*,14*
* G96V99-3120	17*,16
* G97N86-3110	17*
* G98L17-3000GT	17*,16*
Great Lakes	
3337VT2RIB	17,16,15
3510VT2RIB	16,15,14
3622VT2RIB	17
* 3847VT2RIB	16*,15*,14*
* 3870VT2RIB	17*
4037STXRIB	16
* 4062VT2RIB	17*
* 4250STXRIB	16*
* 4250VT2RIB	17*,15*
4333-3110A	17
4452STX	15
* 4452VT2RIB	16*
* 4548STXRIB	16*,15*
* 4548VT2RIB	17*
* 4728VT2PRO	17*
* 4879STXRIB	16*,15*,14,13*
* 4988VT2PRO	17*
* 5029VT2RIB	17*,16*
* 5283STXRIB	17*,16*,15,14*,13
* 5470STXRIB	17*,16,15
* 5556VT2RIB	17*,16*
* 5626VT2PRO	17*
* 5688STXRIB	15*,14
* 5755STXRIB	16,15,14*
* 5824STXRIB	17,16*
* 5910VT2RIB	17*
* 5918STXRIB	15*
5935STX	17
* 5944STX	15*
5944STXRIB	16
* 6068STXRIB	17*,16*,15*,14*
* 6185STXRIB	17*,16,15*
* 6224STX	17*
* 6259VT2RIB	16*,15*
6261STXRIB	16
6353-3000GT	17
6462STXRIB	16
InVision	
FS 33TV1RIB	16
FS 35SV1 RIB	17
* FS 36TV4RIB	16,13*
* FS 38TV1RIB	16,15*
FS 42TV1RIB	16,15
* FS 43R48A	17*
* FS 44TV1 RIB	17,16*
* FS 46RL0 EZR	17*
* FS 46TX1RIB	16*,15
* FS 49ZX1 RIB	17*
* FS 50VX1 RIB	17*,16*
* FS 51TX1RIB	15*,14*
* FS 52RL0 EZR	17*
* FS 52ZX1 RIB	17*,16*,15
* FS 53UX1RIB	16*
* FS 54ZX1 RIB	17*,16*,15*,14*
* FS 55TX1 RIB	17*
* FS 56VX1RIB	15*,14*
* FS 57TX1 RIB	17*,16*
* FS 58QX1 RIB	16,15*
* FS 59VL1 RIB	17*
* FS 60LX1RIB	16*
FS 60QV1 RIB	17,16
* FS 60ZX1RIB	15*,14*
* FS 61SX1 RIB	17*,16*,15*
* FS 62R44	17*
* FS 62TV1DG RIB	17*,16*
FS 62VX1RIB	16

Table 23 (continued). Comparisons over time of all hybrids tested between 2017 and 2015. A star (*) indicates that the hybrid performed statistically similar to the highest hybrid for yield or performance index (P.I. or Milk2006) in one or more zones.

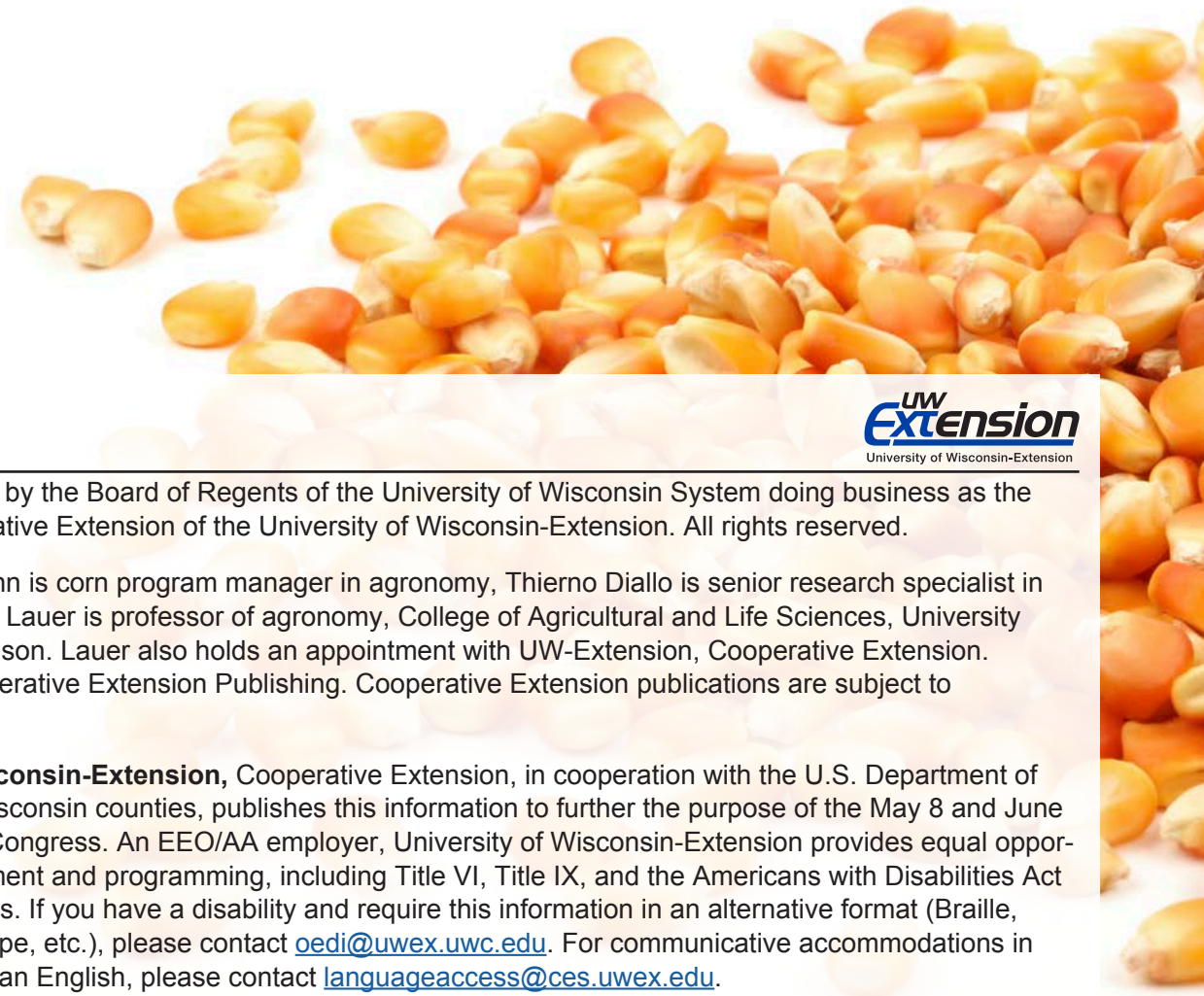
Brand Hybrid	Year(s) tested
FS 63SX1RIB	16,15,13
* FS 63ZX1 RIB	17,16*
FS 64SX1 RIB	17,16
Jung	
31DP308	17
36DP318	17
43DP417RIB	17,16
* 46SS427RIB	17*
47SS438	17
* 49SS437RIB	17*,16
4D113RIB	17,16,15
* 4D178RIB	17*,16,15
4D260RIB	17,16
* 4D331RIB	17,16,14*
* 4D338RIB	15*
4D341RIB	17,16
* 4D378RIB	17*
4D381RIB	17
* 50SS508	17*
* 52SS507RIB	17*
* 53SS517RIB	17*
* 54SS528	17*
* 56DP538	17*
58SS537RIB	17,16
60SS607RIB	16
61SS608	17
* 7S260RIB	15*
* 7S331RIB	15*
* 7S495RIB	17*
7S506RIB	16
* 7S522RIB	17*
* 7S555RIB	16*
7S579RIB	17
* 7S605RIB	15*
7S671RIB	17
* 7S684RIB	15*,14*
7S691RIB	15
* 7S711RIB	17*,16*,15,14*
* 7S744RIB	17*
HDS75S25RIB	15
HDS76S50RIB	15
LG Seeds	
LG5375VT2P	15
LG5375VT2RIB	16
* LG5408VT2PRIB	16,15*,14
* LG5410VT2RIB	17,16*
* LG5415STXRIB	16,15*,14
* LG5420-3110A	17*
* LG5427VT2RIB	16*
* LG5460STX	15*,14
* LG5465VT2P	17*
* LG5467VT2P	16*
* LG5470STXRIB	16*,15*,14*,13*
* LG5474STXRIB	16*
* LG5494VT2P	17*
* LG5499STXRIB	17*,16*,15*,14*,13*
LG5501VT2P	15
LG5501VT2PRIB	16
* LG5502STXRIB	15*
* LG5505STX	17*
* LG5507STX	15*
* LG5507STXRIB	17,16*
LG5520STXRIB	17,16
LG5520VT2	16
* LG5523STXRIB	15*,14*
LG5530VT2P	17
* LG5548STXRIB	17,16*,15*
LG5565STX	15
* LG5565STXRIB	16*
LG5590VT2P	17
* LG5591STXRIB	16*,15*,14
* LG5603STXRIB	15*
* LG5607VT2PRIB	15*,14*
* LG5612STXRIB	15*
* LG5618STXRIB	17,16*,15*,14*
Latham	
5829SSRIB	15
6040	15
EX113GTCBLLRW	16
EX114RRLFY	16
* EX3695VT2Pro	17*
EX4067VT2Pro	17
* EX6187VT2ProDG	17*
* EX6267VT2Pro	17*
* LH4242VT2PRO	16*
* LH4529SS	16*
LH4727VT2PRORIB	17
* LH5215VT2PRO	16*
* LH5335SS	16*
* LH5335VT2Pro	17*
* LH5495-3122EZR	17*,16
* LH5635VT2Pro	17*
* LH5715VT2PRO	16*
* LH5742RR	17*
* LH6175VT2PRO	16*,15*
* LH6224-3120EZR	17*
LH6425VT2Pro	17
Legacy Seeds	
L2314	15
L2516	16
* L2735	16*
* L2813	15,14*
L2817	17
* L2836	17*
L2845	15
L2847	17
L2916	17,16
* L2924	16,15*
* L2937	17*
* L3011	15,14*,13*
* L3017	17*
* L3043(RIB)	15,14*
L3114	15
* L3115	17*,16*,15
* L3335	17*,16*
L3416	17,16
* L3423	15*,14
* L3517	17*
L3626	17
* L3715	17,16*
L3816	17
* L3845	15*
L3916	17
* L4014	15*,14
L4315	16
L4317	17
* L4424	15*
* L4433	16,15*,14*
L4445	16
* L4714	15*
* L5350-3122EZR	17*,15*,14*
* L5516	17*,16*
* L5914	16,15*
L6025	15
* L6047	17*
* L6334	16*
* L6827	17*
* L7236	17*
Legend Seeds	
* JSC30J590	15*,14*
* JSC30J605	15*
JSC30J684	15
* JSC40J501RR	15*,14*
* JSC40J592VT2PRIB	15*,14*
* JSC47J104-3122	17,15*,14,13*
LR30J685	16
LR9405GENSSRIB	16,14,13
* LR9492VT2PRIB	17,16*
LR9495VT3PRIB	15,13
* LR94A01-3011A	17*,16*
* LR94A01GTA	15*,14*
LR9503GENSSRIB	15
* LR9507GTCBLL	15*,14*,13*
* LR9583VT2PRIB	16,15,14*
LR9587VT2PRIB	15
LR9600VT2PRIB	16
LR9608GENSSRIB	17,16
LR9611GENSSRIB	16
* LR9691VT2PRIB	16*
LR9697GENSSRIB	16
LR9701GENSSRIB	16
LR9701VT2PRIB	17
LR9794GENSSRIB	16
LR9798VT2PRIB	17
LR97A89-3011A	16
LR97S00GENSSRIB	16
* LR97S05GENSSRIB	16*
* LR9804GENSSRIB	17*
LR9806GENSSRIB	17
LR9809VT2PRIB	17
* LR9891VT2PRIB	17*
* LR9895VT2PRIB	17*
Longping	
LP15M-EX1972	16
LP15M-EX2159	16
LP15M-EX2216	16
LP15M-EX2218	16
LP15M-EX2241	16
LP15M-EX2243	16
LP15M-EX2248	16
LP15M-EX2253	16
Masters Choice	
* MC4050	16*,13
* MC4630	16,15*
* MC4880	16,13*
* MC5250	16*,15*,14*,13
MCT2552	17
* MCT3221	15,14,13*
MCT3223	16
* MCT3891	17,16*
* MCT4054	16*,14
* MCT4211	16*,15*,14*,13*
* MCT4572	17*,16
* MCT4632	17*,16*
* MCT4881	15*
* MCT4884	16*,14*
* MCT5371	17*,16*,15*
* MCT5454	17*,16*
* MCT5661	15*
* MCT5663	16*,14,13
* MCT6153	16*,15,14*,13*
MCT6363	17,16
* MCT6583	16,15*,14,13
MCT6653	17
MCT6733	16,15
Miller	
M05-54	15
Munson	
4309VT2PRIB	16,15
4417-3011	17
4605VT2P	17
4654-3011A	16,15
4672VT2P	16,15
4808VT2P	16
* 4877-3010	17*,16*
* 4893GT	15*
5011RR	16
* 5011VT2P	15*
* 5016VT2P	17,16*,15*
5033-3110	15
* 5050	16,15*
5204-3010	17
5286VT2P	17,15,14
5359-3110A	16,15
* 5462SS	15*,14
* 5581VT3PRIB	16,15*,14
5639VT2P	16
* 5695VT2P	17*
* 5710VT2P	17*
5731VT2P	15
5803RR	15
5857-3111	15
* 5865SS	17*
5896VT2P	16
* 6029VT2P	17*
* 6048SSRIB	16,14*
* 6048VT2P	15*
6143-GTA	16,15
6253SS	17,15
* 6275VT2P	17*
6434SS	17
* 6434VT2P	16*
* 6482VT3P	15,14*
6496VT2P	15
6642SS(RIB)	15,14
* 6699SS	17,16*
* 6819SS	17*

Table 23 (continued). Comparisons over time of all hybrids tested between 2017 and 2015. A star (*) indicates that the hybrid performed statistically similar to the highest hybrid for yield or performance index (P.I. or Milk2006) in one or more zones.

Brand / Hybrid	Year(s) tested
6869	17
6940-3110	17
6978VT2P	17,16
7084SS	16
7091VT2P	17
* M665SS	15*
Mycogen	
2A509	15,14
2A627	16,14
* 2J238	15,13*
2T619	15,14
2V357	15,14
* 2V489	15,14*
MY01C77RA	16
MY87B11	16
TMF06S67RA	16,15
* TMF09S97	16*
* TMF2H706	15*,14*
TMF2H708RA	16
TMF2H747	15,14,13
* TMF2L395	15*,14*
* TMF2L538	15,14*,13*
* TMF2Q418	15*
TMF2Q419	16
* TMF94L37	16*
TMF99Q47RA	16
X13526VH	16
* X13526VX	15*,14*
NK Brand	
N15J-3110	15
N17R-3010A	16
N18Q-3011A	17,16,15
N19D-3110A	16
* N22S-3010	16*
* N27P-3010A	15*
* N27P-3110A	17*,16*
* N29T-3111	15*
N31H-3000GT	15,14
N33W-3110	15
* N35T-3110	17*,16*,15*,14*
* N36G-3120	17*,16*
N37R-3111	15
* N40L-3000GT	17*,16*
* N45P-3011A	16,15*,14*,13*
* N45P-3122	17*,16*
N46T-3010	16
N49W-3000GT	15,14
N50D-3010	16
N58S-3111	15,14
* N59B-3111A	15,14*
N59B-3122	16
N60F-3111	15,14
* N63R-3000GT	15*
* N63R-3122	17,16*
* N66V-3122	17*
N69D-3000GT	17
* N70J-3111A	15*
* NK0142-3120	17*
NK0968-3111	17
* NK8920-3120	17*
NK9495-3110A	17
* NK9738-3110	17*
NorthStar	
NS100-464	16
NS100-531	16
NS102-168	16
NS104-167	16
NS106-526	16
* NS96-103	16*
NS96-421	16
NuTech/G2 Genetics	
* 5D091	15*
* 5D906	17*
* 5F091	16,14*
* 5F196	17*,16*,15*
* 5F198	15*,14*
* 5F308	17*,16*
* 5F503	17*,16*
* 5F504	17*,16*
* 5F510	17*,16*,15
* 5F601	17*,16*
* 5F701	17*,16*
* 5F702	17,16*
5F707	15
* 5F709	17,16,15*,14*
* 5F713	17*,16*
* 5F811	17*,16*,14*,13*
* 5F906	16*
* 5FB1010	17*
5FN5096	17
5FN6097	17
5FN7099	17
* 5H502	17*,14*,13*
* 5H502(AM)	16*,15*
* 5H806	17*,16*,15*,14*,13*
* 5L198	16*
* 5N0108	15*
* 5N183	15*
* 5N290	15*
* 5N406	15*,13
5N607	15
5N8602	15
5X894(HXT)	15
5X903	15
* 5X905	15*
* 5Z308	15*
5Z488	15
* 5Z504	15*
* 5Z906	15*
X5FN9502	17
X5LN-0308	17
* X5Z1001	16*
X5Z9501	16
X5Z9902	16
O'Brien Hybrids	
OB1058	15
* OB1104	16*
OB1105	16
* OB1107	15*
* OB1108	17*,16
OB1111	15
OB1165	16
OB3106GT	16
OB3108GT	16
* OB4100	15,14*
OB6090	15
OBS10	15
OBX095GT	16
* OBX104	15*
* OBX106	15*
OBX107	16
* OBX1103	17,16*
* OBX112	17*
OBX87	17
OS110	17
Organic	
* UW Check B	16*,15*,14*,13*
* UW Check B-HW	15*,14*,13*
* UW Check C	16,15,14*
* UW Check C-HW	16,15,14*
* UW Check D	17*
* UW Check D-HW	17*
PIP	
3489	16
3685	16,15
3784	17
3790	16
3890	17
* 4400	16,15*,14*
* 4595	15*,14*
* 4595(GT)	16*
* 4597GT	15*,14*
4597GTCBLL	16
* 4693	16*,15*
4695	15
4791	17
4796	17
* 4894	17*
* 5505	15,14*
5601	16
5701	17
5702	17
5704	17
5706	17
5708	17
8609	15
* 8610	16*
* 8708	16*
Pilgrim	
8616-3011A	15
9100-3111VIP	15
Power Plus	
1G48AMXT	16
1K08AMXT	15
* 1S26AMXT	16,15*
* 2B77AMXT	17,16*
* 2F91AMXT	15*
* 2R63R	16*
* 2V56AMX	15*,14*,13*
* 2Y06AM	17,16*
* 3H85	17,16*
* 4J95AMX	17,16*,15*,14*
* 5C17	17*,16*,15*,14*
* 6P73	17*
* 6P75AMX	15*,14*
X3H85AM	15
* X4A67AM	17*
Prairie Hybrids	
* 2730	16*,15*
* 3415	17*,16*
* 353	15*,13*
* 5200	17*,16*,15*,14*,13*
* 6212	17*,13*
* 7204	17*,15,14*
* 8229	17*,16*,14*
* EX6494	17*
ProHarvest	
2505RR2	17,16,15,14
* 2623VT3PRO	15,14*
4203VT3PRIB	17,16
* 4203VT3PRO	15*,14
* 4255RR2	17,16*
* 4255STAXRIB	16*
* 4511RR2	17,16,15*
4646VT3PRORIB	15
4777SXRIB	17,16
4825SXRIB	17,16
* 6101STAXRIB	16,15,14*
6163SXRIB	17
6333STAXRIB	16,15
* 6338SXRIB	17*,16
6420SXRIB	17
* 6444STAXRIB	17*,16*,15*,14*
6800STAXRIB	15
931RR2ND	15
X16321	17
* X17451	17*
Renk	
3-766RLF	15
5-762SSTXLF	15
5-789SSTXLF	15
* 6-798VT2P	17*,16
* 7-637	17*
RK264VT2P	17
RK266VT3P(RIB)	16,15,14
RK287VT2P	17
* RK299VT2P(RIB)	16,15,14*
* RK302GTCBLLRWBL	15,14*,13*
* RK408RR	17*
* RK408VT2P	16*
* RK415VT2P(RIB)	15*
* RK433RR	17*
* RK433VT2P	16*
RK522SSTX	17,16,15,14
* RK544SSTX(RIB)	15*
* RK565GTCBLLRWBL	15*,14*,13*
* RK566SSTX	17*,16*
* RK595SSTX	17*,16*
* RK596SSTX(RIB)	17,16,15,14*
* RK608DGVT2P	17*,16*
RK612SSTX	16,15
* RK629VT3P	17*,16*,15*,14*
* RK642SSTX	17*
RK666SSTX(RIB)	15,14
RK675DGVT2P	17,16

Table 23 (continued). Comparisons over time of all hybrids tested between 2017 and 2015. A star (*) indicates that the hybrid performed statistically similar to the highest hybrid for yield or performance index (P.I. or Milk2006) in one or more zones.

Brand Hybrid	Year(s) tested
RK680SSTX	17,16,15
RK699SSTX(RIB)	15,14
* RK712SSTX(RIB)	15*,14
* RK717SSTX	17*,16*
* RK724RR	17*,16*
* RK776SSTX	17,16,15*,14
* RK791SSTX(RIB)	15,14*
RK792SSTX	17,16
* RK810SSTX	16,15*
RK815SSTX	16
RK834SSTX(RIB)	15,14
RK842SSTX	17
RK860VT3P(RIB)	15
RK871VT2P	15
Spectrum	
* 4046	17*
* 4130	17*,15*,14*,13*
* 4216	17*,15
4432	17
* 4655	15,14*
* 4725	17*,15*
* 5045	15*,14*,13*
5285	15
* 5452	17*,15
5654	15
* 5859	15*
5967	15,14
6008	15
6104	15,13
* 6105	17*
6219	15
6241	15,14,13
* 6244	17*
6334	15
Steyer Seeds	
* 10005	15*
10102SSRIBC	15
10303SSRIB	16
10403SSRIB	16
10404-VIP3122	15
* 10503SIRIB	16*,15*
* 10803SSRIBC	15*
* 11005GSSPRORIBC	16*
* 4292(GENVT2ProRIB)	15*,13
8501GT	15
8601VT2PRO	16
8602GT3000	16,15
* 8701	15*
9007VIP3111	15
9203VT2PRO	16
9203VT2PRORIBC	15
9204VT2PRO	16
9301SSRIB	16
9302	16
* 9401	17*
* 9401SSRIB	16,15*
9503VIP3111	15
* EXPJ1005W	16*
STAX61031TM	16
* WEXP10137	17*
* WEXP10537	17*
* WEXP10637	17*
WEXP10889	17
WEXP10937	17
Terning Seeds	
TS8150-3011A	17
* TS8199GENVT2PRIB	17*
TS8249GENVT2PRIB	17
Titan Pro	
* 2M91-2P(RIB)	15*,14*
TP32-86RR2	15,14
* TP35-012P(RIB)	15*
TP37-06SS(RIB)	15
* TP38-04-3122(RIB)	15,14*
* TP48-932P(RIB)	15,14*
TP53-03-2P	17
TP54-98 2P	16
* TP58-01 2P	16*
TP59-08 SS	16
* TP61-94-3110A	16*
TP65-90 2P	16
TP67-02 SS	16
TP71-98-2P	17
TP75-01SS	17
TP77-06SS	17
TP78-98SS	17
Tracy Seeds	
T086-13(Vip3110)	15,13
* T086-26 (3011A)	17,16,15*
* T091-25(3000GT)	16,15*
T093-26 (3110A)	17,16,15
T095-25(3000GT)	16
T096-25 (GT)	17
T098-11(3000GT)	15
T098-26(Vip3110)	16
T100-25(3000GT)	15
* T102-14 (3000GTA)	17*,16*,15
T102-26(Vip3122RIB)	16
* T104-13 (3000GT)	17*,16,15
T104-14(Vip3122EZ)	15
* T104-26 (3122EZ)	17*
T106-11GT	16,14
T107-25 (3220)	17
T107-25(3000GT)	16,15
* T108-26 (3111)	17,16*,15
* T112-25(3000GT)	16*
UW	
* UW43	17*
UW44	17
Viking	
42-92	17
* 51-95UNT	16*,15,14*
* 6001UNT	15*,14*,13*
* 90-91UNT	17*,15,13*
O.24-95N	16,14
* O.31-92N	16*
* O.33-95LF	17*
* O.34-00LF	17*
O.35-09LF	17
O.35-99N	16,15,14
* O.42-92GS	16*
* O.51-04GS	17*,16*
* O.58-98GS	16*
* O.58-98N	16,15,14*
O.6305N	15
* O.69-99	17*
O.69-99N	16,13
* O.71-90GSUP	17*
* O.7197N	15,14*
O.73-08GS	16
O.74-10GS	17
* O.79-00	17*
* O.79-03N	16*
* O.79-99N	16*
O.82-95	17
* O.84-95UP	17*
O.8590N	15,14,13
O.86-03UP	17
* O.88-91UP	17*
Wolf River Valley	
* 3396FL	15,14*
3685FL	15
Wyffels	
W1968	16
W2198	16
* W2308(GENSSRIB)	15*
W2618RIB	17
W3078RIB	17
* W3358RIB	15*,14*
* W4196	17*
W4796RIB	16
W4968RIB	16,15
W5448RIB	17
W6198	16
W6946DGRIB	16
* W7108RIB	15*



Authors: Kent Kohn is corn program manager in agronomy, Thierno Diallo is senior research specialist in agronomy,and Joe Lauer is professor of agronomy, College of Agricultural and Life Sciences, University of Wisconsin–Madison. Lauer also holds an appointment with UW-Extension, Cooperative Extension.
Produced by Cooperative Extension Publishing. Cooperative Extension publications are subject to peer review.

This publication is available from your county UW-Extension office (counties.uwex.edu) or from Cooperative Extension Publishing. To order, call toll-free 1-877-947-7827 or visit our website at learningstore.uwex.edu.

Wisconsin Corn Hybrid Performance Trials–2017 (A3653) R-2017