A3653

WISCONSIN CORN HYBRID PERFORMANCE TRIALS

JOE LAUER, KENT KOHN, THIERNO DIALLO

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

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Wisconsin Crop Improvement Association

UW Extension
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2011

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GRAIN • SILAGE • SPECIALTY • ORGANIC

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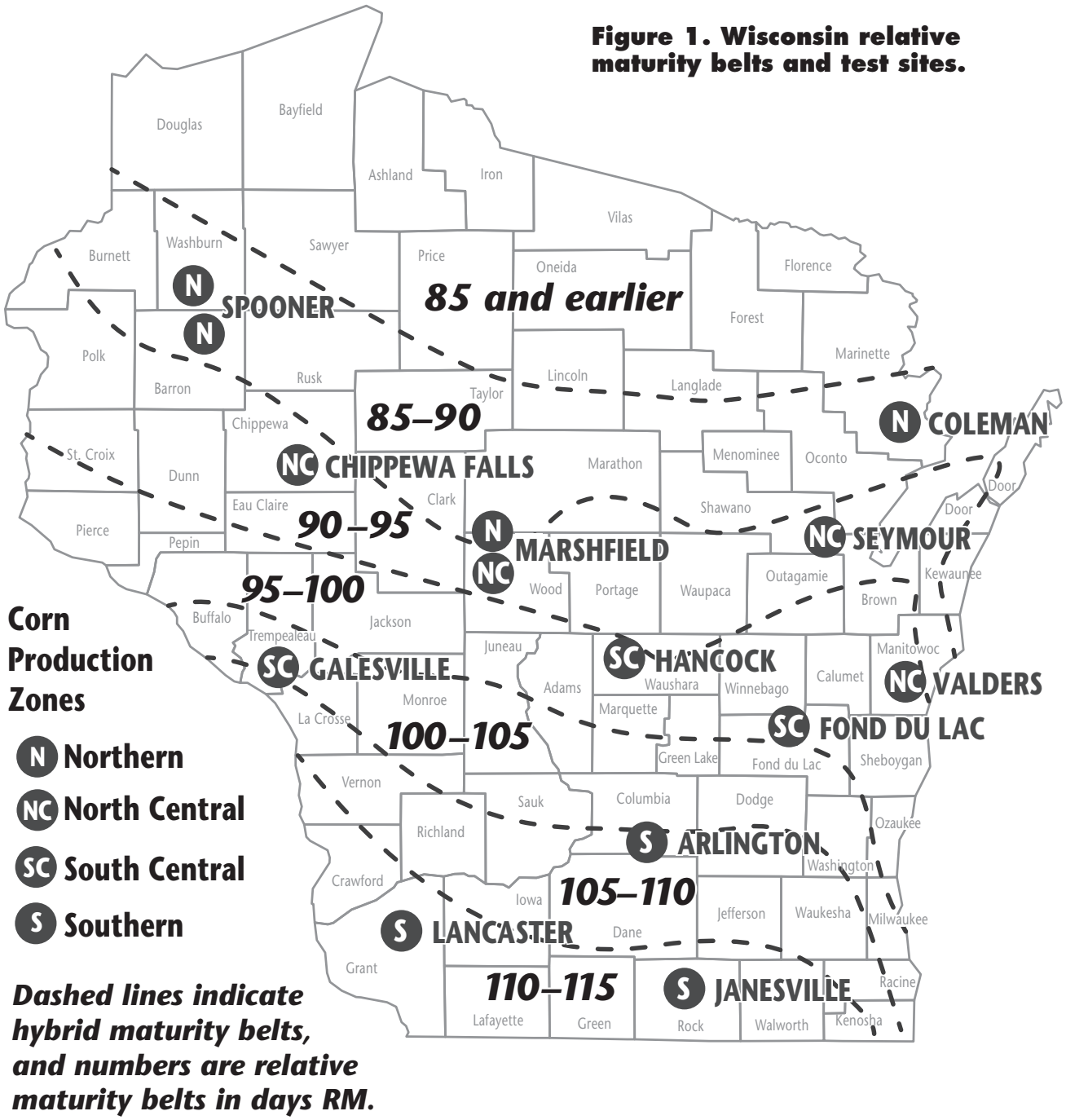
Figure 1. Wisconsin relative maturity belts and test sites.



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 2011, 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 2011 trials are listed in Table 1. Specific hybrids and where they were tested are shown in Table 2. Transgenic technologies of the hybrids grown are described in Table 3. In the back of the report, hybrids previously tested over the past three years are listed (Table 24). 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 2011

Seasonal precipitation and temperature at the trial sites are shown in Table 5. Spring planting was challenging due to cool, wet planting conditions, especially in northeastern Wisconsin where planting progress was delayed. Over the entire growing season, growing degree-day accumulation was below the 30-year normal. Precipitation was below average in southern Wisconsin, while northern Wisconsin had above average precipitation. Due to a dry and cool September and October, good grain drying occurred. Little insect or disease pressure was observed in most trials. High winds caused above average plant lodging conditions at dry locations. The killing frost date occurred in October. Harvest grain moisture was lower than normal in all trials, while yields were above the 10-year average at most sites. Fall weather conditions were ideal for harvest and fall farm work.

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 when the previous crop was corn. Information on cultural practices for each location is summarized in Table 6.

PLANTING

A precision vacuum corn planter 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 subsample 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 23. Within each trial, hybrids are ranked by moisture, averaged over all trials conducted in that zone during 2011. Yield data for both 2010 and 2011 are provided if the hybrid was entered in the 2010 trials. A two-year average for yield is calculated using location means as replications. Starting in 2010, 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, 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:

Performance Index (PI) =
[(Yield x 0.50) + (Dry matter x 0.35) +
(Upright stalks x 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.

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 2011 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 2010 results. **Be wary** of any hybrids on your list that had a 2010 PI of 100 or lower. Choose two or three of the remaining hybrids that have relatively high PI's for **both** 2010 and 2011.
   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 2010 or 2011 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 2010 and 2011 over a wide range of locations and climatic conditions.

Note: You are taking a tremendous gamble if you make hybrid selection decisions based on 2011 yield comparisons in only one or two local test plots.

FOR MORE INFORMATION

This report is available in Microsoft Excel and Acrobat PDF formats at the Wisconsin Corn Agronomy website: corn.agronomy.wisc.edu.

The most current version of *Wisconsin Corn Hybrid Performance Trials* (A3653) is also available to download or purchase at the UW-Extension Learning Store: learningstore.uwex.edu.

For more information on the Wisconsin Crop Improvement Association, visit: wcia.wisc.edu.

Table 1. Companies included in the 2011 trials.

Brand	Company	Address	City	State	Zip	Website
AgriGold	AgriGold Hybrids	5381 Akin Road	St. Francisville	IL	62460	agrigold.com
Blue River	Blue River Hybrids	27087 Timber Road	Kelley	IA	50134	blueriverorgseed.com
Carhart's Blue Top	Carhart's Blue Top Seed, Inc	N 14743 County Rd. M	Galesville	WI	54630	
CB Seeds	Brownseed Genetics	N 1279 530th Street P.O. Box 7	Bay City	WI	54723	
Channel	Channel Bio, LLC	P.O. Box 518	Carroll	IA	51401	channelbio.com
Cornelius	Cornelius Seed	14760 317th Ave	Bellevue	IA	52031	corneliusseed.com
Croplan Genetics	Winfield Solutions	W 14024 West Point Drive	Prairie Du Sac	WI	53578	answerplot.com
Dahlman	Dahlman Seed Co.	73504 200th Street	Dassel	MN	5535	dahlmanseed.com
Dairyland	Dairyland Seed	P.O. Box 958	West Bend	WI	53095	dairylandseed.com
Dekalb	Monsanto	W 153 Archer Drive	Fremont	WI	54940	asgrowanddekalb.com
Foundation Direct	Foundation Direct Seeds	634 13th Avenue North	Onalaska	WI	54650	
Foundation Organic	Foundation Organic Seeds	634 13th Avenue North	Onalaska	WI	54650	
FS Seed	Growmark, Inc	1701 Towanda Ave	Bloomington	IL	61704	fsseeds.com
G2 Genetics	Nu Tech Seed, LLC	415 S Duff Ave, Ste C	Ames	IA	50010	yieldleader.com
Garst	Syngenta Seeds, Inc	11055 Wayzata Blvd	Minnetonka	MN	55305	syngenta.com
Golden Harvest	Syngenta Seeds, Inc	11055 Wayzata Blvd	Minnetonka	MN	55305	syngenta.com
Great Lakes	Great Lakes Hybrids	9915 West M-21 Hwy	Ovid	MI	48866	greatlakeshybrids.com
Hughes	Burrus Bros and AssocGrowers	206 N Hughes Road	Woodstock	IL	60098	hugheshybrids.com
Jung	Jung Seed Genetics	341 S High Street	Randolph	WI	53956	jungseedgenetics.com
Kussmaul	Kussmaul Seed Co.	9020 Hwy 18	Mt. Hope	WI	53816	kussmaulseeds.com
Legacy Seeds	Legacy Seeds, Inc	290 Depot St, P.O. Box 68	Scandinavia	WI	54977	legacyseeds.com
Legend Seeds	Legend Seeds	P.O. Box 241	De Smet	SD	57231	legendseeds.net
Lemke	Lemke Seed Farms, Inc	10220 N. Granville Rd. 107 W	Mequon	WI	53097	lemkeseed.com
LG Seeds	LG Seeds	22827 Shissler Road	Elmwood	IL	61529	lgseeds.com
Masters Choice	Masters Choice, Inc	3010 State Rt 146 E	Anna	IL	62906	seedcorn.com
Munson Hybrids	Munson Hybrids	1262 Knox Rd 100 E	Galesburg	IL	61401	munsonhybrids.com
Mycogen Seeds	Mycogen Seeds	9330 Zionsville Road	Indianapolis	IN	46268	mycogen.com
NK Brand	Syngenta Seeds, Inc	11055 Wayzata Blvd	Minnetonka	MN	55305	syngenta.com
Nu Tech Seed	Nu Tech Seed, LLC	415 S Duff Ave, Ste C	Ames	IA	50010	yieldleader.com
O'Brien Hybrids	O'Brien Farms, Inc	552 Glenway Road	Brooklyn	WI	53521	obrienhybrids.com
Partners in Production	Partners in Production, LLC	P.O. Box 777	Sun Prairie	WI	53590	
Pilgrim	Elk Mound Seed	308 Railroad Ave	Elk Mound	WI	24739	elkmoundseed.com
Pioneer	Pioneer Hi-Bred Int'l, Inc	151 St. Andrews Ct. Suite 910	Mankato	MN	56001	pioneer.com
Power Plus	Burrus Bros and AssocGrowers	206 N Hughes Road	Woodstock	IL	60098	hugheshybrids.com
Prairie Hybrids	Prairie Hybrids Seeds	27445 Hurd Road	Deer Grove	IL	61243	
Renk	Renk Seed Co.	6809 Wilburn Road	Sun Prairie	WI	53590	renkseed.com
Steyer	Partners in Production, LLC	P.O. Box 777	Sun Prairie	WI	53590	
Stine	Stine Seed Co.	22555 Laredo Trial	Adel	IA	50003	stineseedco.com
Trelay Seeds	Trelay Seeds	11623 Hwy 80	Livingston	WI	53554	trelay.com
Unity Seeds	Unity Seeds, LLC	3451 Wyndham Way, Suite A	West Lafayette	IN	47906	unityseeds.com
UW	UW Agronomy	1575 Linden Drive	Madison	WI	53706	
Viking	Albert Lea Seed House	1414 W. Main St./P.O. Box 127	Albert Lea	MN	56007	alseed.com
Wyffels	Wyffels Hybrids, Inc	13344 U.S. Hwy 6	Geneseo	IL	61254	wyffels.com

Table 2. Corn hybrids included in the 2011 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		Maturity			Seed	
Hybrid	Technology – Traits	Co.	GRM	SRM	Trt.	Tables
AgriGold						
A6192STX	GENSS - CB,LL,RR,RW	95	99		138	9
A6203VT3	VT3 - CB,RR,RW	96	97		138	9
A6220VT3Pro	GENVT3Pro - CB,RR,RW	98	96		138	9
A6256STX	GENSS - CB,LL,RR,RW	100	100		138	9
*A6276VT3	VT3 - CB,RR,RW	101	103		138	7,10*
A6311GT3Vip	Vip3111 - CB,LL,RR,RW	103	103		138	7
A6319VT3Pro	GENVT3Pro - CB,RR,RW	103	103		138	7
*A6323GT3	3000GT - CB,LL,RR,RW	103	103	104	138	7*,14*,16*
*A6329VT3Pro	GENVT3Pro - CB,RR,RW	105	104	107	138	7*,14*
A6359STX	GENSS - CB,LL,RR,RW	105	106		138	7
*A6384VT3Pro	GENVT3Pro - CB,RR,RW	106	107	107	138	8*,14*,17
*A6389VT3Pro	GENVT3Pro - CB,RR,RW	106	108	107	138	8*,14*,17*
*A6436VT3Pro	GENVT3Pro - CB,RR,RW	109		107	138	14*
*A6458VT3	VT3 - CB,RR,RW	110		112	138	15*
*A6476VT3Pro	GENVT3Pro - CB,RR,RW	111	108	112	138	8,15*
Blue River Hybrids						
19K19	Conv - None	83		88	2	20
23L99	Conv - None,lfy	86		88	2	20
*24M79	Conv - None	87	90		3	23*
*25A16	Conv - None	88	91		3	23*
*26A17	Conv - None	88	89		3	23*
*33L90	Conv - None,lfy	92		91	2	20*
34C17	Conv - None	93	95		3	22
*41R00	Conv - None	96	98		3	22*
*45R37	Conv - None	99	100		3	22*
*46L96	Conv - None,lfy	100		102	2	16*
*47P37	Conv - None	102	99		3	22*
*48B30	Conv - None	102	101	102	2	16*,22
*53R57	Conv - None	105	103		3	22*
Carharts Blue Top						
*CG102-3000GT	3000GT - CB,LL,RR,RW	103	103	105	55	7,10,14*,16
CG8300GT	GT - RR	83	86		54	13
CG8500GT	GT - RR	85	87		54	13
*CG9780-3000GT	3000GT - CB,LL,RR,RW	97	97	97	99	9*,12*,16*,18*
*CR1185RR	RR2 - RR	85	88		55	11*
*CR8992VT3P	GENVT3Pro - CB,RR,RW	90	90		129	9*,11*,13*
*CR9910VT3P	GENVT3Pro - CB,RR,RW	100	99		129	7,9,12*
CB Seeds						
3150	GT - RR	93	91		113	13
*5404	Conv - None	101		101	113	19*
*5626	GT - RR	104	104		113	10*
Channel						
*190-95VT3P	GENVT3Pro - CB,RR,RW	90	86		136	13*
196-06VT3P	GENVT3Pro - CB,RR,RW	96	97		136	9
*197-32VT3P	GENVT3Pro - CB,RR,RW	97	101	95	136	18*
*199-55VT3	VT3 - CB,RR,RW	99	101		124	9*
201-79VT3P	GENVT3Pro - CB,RR,RW	101	102		136	10
*203-43VT3P	GENVT3Pro - CB,RR,RW	103	103		136	7*
*209-77VT3	VT3 - CB,RR,RW	109		107	136	17*
*209-85VT3P	GENVT3Pro - CB,RR,RW	109		108	136	17*
Cornelius						
*C280-3000GT	3000GT - CB,LL,RR,RW	98	98		97	9*
C282	Conv - None	98	98		97	9
C285VT3P	GENVT3Pro - CB,RR,RW	98	98		97	9
C307	Conv - None	100	97		127	9
*C339VT3	VT3 - CB,RR,RW	102	103		97	7*
*C341	Conv - None	101	102		97	10*
*C344VT3P	GENVT3Pro - CB,RR,RW	103	102		127	7*
C428XTLLRR	RR2HXT - CB,LL,RR,RW	104	104		97	7
*C447VT3	VT3 - CB,RR,RW	104	104		97	7*
C454XTLL	HXT - CB,LL,RW	108		108	97	14
*C459SS	GENSS - CB,LL,RR,RW	105	107	108	97	7*,14
*C462	Conv - None	104	104		97	10,21*
*C462-3000GT	3000GT - CB,LL,RR,RW	104	104	107	97	7*,14*
*C510	Conv - None	108	107		97	21*
*C582VT3P	GENVT3Pro - CB,RR,RW	109	109	107	97	8,14*
*C591	Conv - None	109	106		97	21*
*C594VT3P	GENVT3Pro - CB,RR,RW	109	109		127	8*
*C619XTLL	HXT - CB,LL,RW	110		112	97	15*
C649VT3	VT3 - CB,RR,RW	111	110		97	8
C655	Conv - None	111	108		97	21
Croplan Genetics						
2520VT3	VT3 - CB,RR,RW	85	86		97	13
2738SS	GENSS - CB,LL,RR,RW	87	88		97	13
3114VT3	VT3 - CB,RR,RW	91	91		97	12,13
*3390VT3P	GENVT3Pro - CB,RR,RW	93	94		97	12*
*3424SS	GENSS - CB,LL,RR,RW	94	98		97	12*
*3514VT3	VT3 - CB,RR,RW	95	97		97	12*
*3632AS3000GT	3000GT - CB,LL,RR,RW	96	94		97	12*
*4022RR	RR2 - RR	96	98		97	7,9*,12*
*4033VT3P	GENVT3Pro - CB,RR,RW	100	97		97	9,12*
*4338SS	GENSS - CB,LL,RR,RW	100	101		97	7,9,12*
5237SS	GENSS - CB,LL,RR,RW	102	103		97	7,10
*5338VT3P	GENVT3Pro - CB,RR,RW	104	103	102	97	7,10*,16*,19*
*5438SS	GENSS - CB,LL,RR,RW	104	103	103	97	7*,10*,16*,19
*5757VT3	VT3 - CB,RR,RW	109	108		97	8*
*6125VT3	VT3 - CB,RR,RW	111	109	112	97	8*,15*
*6425VT3	VT3 - CB,RR,RW	114		108	97	15*,17,19
*6831RHXT	RR2HXT - CB,LL,RR,RW	112		112	97	15*
S4900VT	VTRR2 - RR,RW,lfy	102		104	97	16,19
*S6100VT	RR2YGCB - CB,RR,lfy	110		107	97	15*,17,19
DahlMan						
R4010	Conv - None	80	83		124	13
*R4330GENVT3P	GENVT3Pro - CB,RR,RW	86	87		124	11*,13
*R4466RR	RR2 - RR	88	88		124	11*,13
R4530GENVT3P	GENVT3Pro - CB,RR,RW	90	89		124	11,13
*R4546RR	RR2 - RR	90	89		124	11*,13*
R4830GENVT3P	GENVT3Pro - CB,RR,RW	95	95		124	12
Dairyland						
*HiDF30089	VT3 - CB,RR,RW	108		106	97	17,19*
*HiDF3105Q	HXT - CB,LL,RW	105		106	97	17,19*
*HiDF3110Q	HXT - CB,LL,RW	110		110	97	15*,17*
*HiDF3195Q	HXT - CB,LL,RW	95		94	97	18*
*HiDF3212	Conv - None	112		111	97	15*,17
*HiDF32907	GTCBLL - CB,LL,RR	90		92	97	18*,20*
HiDF32979	3000GT - CB,LL,RR,RW	97		96	97	18
*HiDF3301	Conv - None	101		102	97	19*
*HiDF37029	3000GT - CB,LL,RR,RW	102		103	97	16*,19
*ST1811	Conv - None	109		108	97	14*,17*

† See Table 3 for technology abbreviation. Traits: CB= Corn borer, LL= Liberty Link, RR= Roundup Ready, RW= Corn rootworm; Other: bmr= brown midrib, lfy= leafy, ND= Nutri-Dense

Table 2 (continued). Corn hybrids included in the 2011 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		Maturity			Seed	
Hybrid	Technology – Traits	Co.	GRM	SRM	Trt.	Tables
*ST6494	RR2 - RR	94	94		97	9,12*
ST7291	RR2HX - CB,LL,RR	91	91		97	12,13
*ST9085	3000GT - CB,LL,RR,RW	85	86		97	11*,13
ST9206SSX	DASSS - CB,LL,RR,RW	106	105		97	10
*ST9210SSX	DASSS - CB,LL,RR,RW	110	110		97	8*
ST9286SSX	DASSS - CB,LL,RR,RW	86	88		97	11,13
ST9303SSX	DASSS - CB,LL,RR,RW	103	102		97	7,10
*ST9308SSX	DASSS - CB,LL,RR,RW	108	108		97	8*
*ST9395SSX	DASSS - CB,LL,RR,RW	95	96		97	9,12*
*ST9399	3000GT - CB,LL,RR,RW	99	98		97	9,12*
*ST9500SSX	DASSS - CB,LL,RR,RW	101	102		97	7,10*
ST9703Q	3000GT - CB,LL,RR,RW	103		103	97	19
ST9789SSX	DASSS - CB,LL,RR,RW	89	89		97	11,13
*ST9789VT3	VT3 - CB,RR,RW	89	91		97	11*
ST9799	VT3 - CB,RR,RW	99	101		97	7
ST9903	RR2HXT - CB,LL,RR,RW	103	104		97	7,10
*ST9992	VT3 - CB,RR,RW	92	92		97	12*,13
Dekalb						
DKC30-20	VT3 - CB,RR,RW	80	83	83	7	13,20
*DKC35-43	VT3 - CB,RR,RW	85	87	88	53	11*,20
*DKC36-34	VT3 - CB,RR,RW	86	86		53	11*,13
*DKC39-07	GENVT2Pro - CB,RR	89	87	94	53	11*,13*,18
*DKC42-72	VT3 - CB,RR,RW	92	93		53	12*
DKC43-27	VT3 - CB,RR,RW	93	91		53	12,13
*DKC45-51	GENSS - CB,LL,RR,RW	95	97	96	53	9,12*,18
DKC46-07	GENSS - CB,LL,RR,RW	96	99		53	9,12
*DKC48-12	GENSS - CB,LL,RR,RW	98	97	95	53	9*,18*
DKC48-37	VT3 - CB,RR,RW	98	97		7	9
DKC49-94	GENSS - CB,LL,RR,RW	99	100		53	7,9
DKC52-59	VT3 - CB,RR,RW	102	102		53	7,10
*DKC53-78	GENSS - CB,LL,RR,RW	103	102		53	7*
*DKC55-09	GENSS - CB,LL,RR,RW	105	104	108	53	7*,17*
*DKC57-50	VT3 - CB,RR,RW	107	109	107	53	8*,14*
*DKC57-79	RRYGPL - CB,RR,RW	107	108		7	8*
*DKC59-35	VT3 - CB,RR,RW	109	109		53	8*
*DKC59-64	VT3 - CB,RR,RW	109		107	53	14*
*DKC62-09	GENVT3Pro - CB,RR,RW	112	109		53	8*
*DKC62-97	GENVT3Pro - CB,RR,RW	112	111		53	8*
Foundation Direct						
8455	Conv - None	103	104		54	7
8544	Conv - None	103		103	54	19
8727	Conv - None	97	96		54	9
*8822GT	GT - RR	97	97	95	54	9,18*
*8830	Conv - None	90	88	92	54	11*,20*
*OR8890	Conv - None	97		95	54	18*
Foundation Organic						
*8803UT	Conv - None	90	94		3	22,23*
*8822UT	Conv - None	98	98		140	22*
*OR8400	Conv - None	102	107		3	22*
*OR8787	Conv - None	98	97		140	22*
*OR8900	Conv - None	89	91		3	23*
FS Seed						
34SV3	VT3 - CB,RR,RW	84	88		133	11
*38S30	RR2 - RR	88	88	94	133	11*,18*
*43SV4	GENVT3Pro - CB,RR,RW	93	94	94	133	12*,18*

Brand		Maturity			Seed	
Hybrid	Technology – Traits	Co.	GRM	SRM	Trt.	Tables
44JV3NDS	VT3 - CB,RR,RW,ND	94		95	37	18
44SV3	VT3 - CB,RR,RW	94		98	97	18
*48S44	3000GT - CB,LL,RR,RW	98	96	94	133	9*,12*,18*
*49SX1	GENSS - CB,LL,RR,RW	99	99		133	9*
*50SV4	GENVT3Pro - CB,RR,RW	100	100	103	133	9,19*
*52SV3	VT3 - CB,RR,RW	102	103	103	133	10*,16*
*53TV4	GENVT3Pro - CB,RR,RW	103	102	102	133	10*,16*
*54TL2	Vip3111 - CB,LL,RR,RW	104	103	103	133	7,10*,16*
*54VX1	GENSS - CB,LL,RR,RW	104	103	102	133	7*,10*,16*
*56TV4	GENVT3Pro - CB,RR,RW	106	107	107	133	8*,10*,17*
57SV3	VT3 - CB,RR,RW	107	107	107	133	8,14
*58MV4	GENVT3Pro - CB,RR,RW	108	109	107	133	8*,14*
*59JV2NDS	VTRR2 - RR,RW,ND	109		107	37	14*
*60MV4	GENVT3Pro - CB,RR,RW	110	110	112	133	8,15*
*60TV4	GENVT3Pro - CB,RR,RW	110	110		133	8*
*61BX1	GENSS - CB,LL,RR,RW	111		112	133	15*
*62K47NDS	RR2HXT - CB,LL,RR,RW,ND	112		112	37	15*
*62MV4	GENVT3Pro - CB,RR,RW	112		112	133	15*
G2 Genetics						
*5H-0101RRHX	RR2HX - CB,LL,RR	101	101		43	7*,10*,12*
*5H-0201RRHX	RR2HX - CB,LL,RR	102	103	102	43	7*,10*,19*
*5H-0601RRHX	RR2HX - CB,LL,RR	106	105		43	8*,10*
*5H-0701RRHX	RR2HX - CB,LL,RR	107	107		43	8*
5H-080RRHX	RR2HX - CB,LL,RR	80	85		43	13
*5H-1001RRHX	RR2HX - CB,LL,RR	110	109		43	8*
*5H-1301RRHX	RR2HX - CB,LL,RR	113		112	43	15*
5H-279RRHX	RR2HX - CB,LL,RR	79	85		43	13
5H-492RRHX	RR2HX - CB,LL,RR	92	90		43	12,13
*5H-501RRHX	RR2HX - CB,LL,RR	101	100		43	7*,10,12*
*5H-502RRHX	RR2HX - CB,LL,RR	102	103		43	7*,10*
*5H-511RRHX	RR2HX - CB,LL,RR	111	108		43	8*
5H-513RRHX	RR2HX - CB,LL,RR	113		112	43	15
*5H-515RRHX	RR2HX - CB,LL,RR	115		112	43	15*
*5H-597RRHX	RR2HX - CB,LL,RR	97	97		43	9,12*
*5H-712RRHX	RR2HX - CB,LL,RR	112	111		43	8*
*5H-797RRHX	RR2HX - CB,LL,RR	97	96	94	43	9,12*,18*
5H-8901RRHX	RR2HX - CB,LL,RR	89	87		43	11,13
*5H-8902RRHX	RR2HX - CB,LL,RR	89	87		43	11*,13
*5H-905RRHX	RR2HX - CB,LL,RR	105	103		43	7*,10*
*5X-007RRHXT	RR2HXT - CB,LL,RR,RW	107		107	43	17*
*5X-501RRHXT	RR2HXT - CB,LL,RR,RW	101		102	43	19*
*5X-795RRHXT	RR2HXT - CB,LL,RR,RW	95	92		43	12*,13*
*5X-8901RRHXT	RR2HXT - CB,LL,RR,RW	89		87	43	20*
*5X-895RRHXT	RR2HXT - CB,LL,RR,RW	95	96		43	9,12*
*5X-903HXT	HXT - CB,LL,RW	103	103		43	7*,10*
*5X-905RRHXT	RR2HXT - CB,LL,RR,RW	105		107	43	17*
*5X-908RRHXT	RR2HXT - CB,LL,RR,RW	108	109		43	8*
*5X-909RRHXT	RR2HXT - CB,LL,RR,RW	109	107	108	43	8*,17
*5X-9101RRHXT	RR2HXT - CB,LL,RR,RW	91	91		43	12*,13
5X-999HXT	HXT - CB,LL,RW	99	98		43	9,12
Garst						
84G70-3111	Vip3111 - CB,LL,RR,RW	112		112	102	15
*85V88-3000GT	3000GT - CB,LL,RR,RW	107	109	107	102	8,14*
*86J49-3000GT	3000GT - CB,LL,RR,RW	103		102	102	19*
*86M39-3111	Vip3111 - CB,LL,RR,RW	105		107	102	17*
87U28-3000GT	3000GT - CB,LL,RR,RW	101	101		102	7
87W95GTCBLL	GTCBLL - CB,LL,RR	103	104		102	10

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Table 2 (continued). Corn hybrids included in the 2011 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		Maturity			Seed	
Hybrid	Technology – Traits	Co.	GRM	SRM	Trt.	Tables
*88R16-3000GT	3000GT - CB,LL,RR,RW	94	93		102	12*
88U62-3000GT	3000GT - CB,LL,RR,RW	97	97		102	9
89J14-3000GT	3000GT - CB,LL,RR,RW	86	87		102	11
89M60-3000GT	3000GT - CB,LL,RR,RW	88		89	102	20
Golden Harvest						
H6186-3000GT	3000GT - CB,LL,RR,RW	83	86		102	13
H6276-3000GT	3000GT - CB,LL,RR,RW	88	88		102	11
*H6629-3000GT	3000GT - CB,LL,RR,RW	92		91	102	18*,20*
*H7105-3000GT	3000GT - CB,LL,RR,RW	96	95		102	12*
*H7891GTCBLL	GTCBLL - CB,LL,RR	103		102	102	16*
*H8239-3111	Vip3111 - CB,LL,RR,RW	105	104	107	102	7,10*,17*
*H8672-3000GT	3000GT - CB,LL,RR,RW	109	108	107	102	8*,14*
Great Lakes						
3872RR	RR2 - RR	88	88		124	11
*4041G3VT3	VT3 - CB,RR,RW	90	89		124	11*
*4282VT3Pro	GENVT3Pro - CB,RR,RW	92	95	94	124	12*,18*
*4457VT3Pro	GENVT3Pro - CB,RR,RW	94	96	95	124	9,18*
4689G3VT3	VT3 - CB,RR,RW	96	98		124	9
4918	Conv - None	99	102		124	21
*5157G3VT3	VT3 - CB,RR,RW	99	99	102	124	9*,16*
*5245G3VT3	VT3 - CB,RR,RW	102	102		124	7*
*5291	Conv - None	102	103		124	21*
*5335X2	HX - CB,LL	103		105	124	16*
*5339GT3	3000GT - CB,LL,RR,RW	103	103	102	124	7*,16*
*5529RR	RR2 - RR	105		106	124	17*
5643VT3Pro	GENVT3Pro - CB,RR,RW	106	108		124	8
5939G3VT3	VT3 - CB,RR,RW	109	110		124	8
Hughes						
2795-3000GT	3000GT - CB,LL,RR,RW	100	101		101	7
*3309-3000GT	3000GT - CB,LL,RR,RW	103	102		101	7*
*5456-3000GT	3000GT - CB,LL,RR,RW	107	107		101	8*
6435-3000GT	3000GT - CB,LL,RR,RW	108	108		101	8
Jung						
7236VT3	VT3 - CB,RR,RW	84	86		7	11
7475VT3	VT3 - CB,RR,RW	99	98		7	9
7S405	GENSS - CB,LL,RR,RW	95	98		7	9
7S435	GENSS - CB,LL,RR,RW	97	100		7	9
*7S555	RRYGPL - CB,RR,RW	102	103		7	7*
*7V191	GENVT3Pro - CB,RR,RW	85	88		7	11*
*7V316	GENVT3Pro - CB,RR,RW	90	88		7	11*
*7V360	GENVT3Pro - CB,RR,RW	93	95		7	12*
7V429	GENVT3Pro - CB,RR,RW	96	96		7	9
7V546	GENVT3Pro - CB,RR,RW	102	103		7	7
*7V570	GENVT3Pro - CB,RR,RW	105	104		7	7*
Kussmaul						
*GL-802Quad	3000GT - CB,LL,RR,RW	102	102		102	10*
GL-885Quad	3000GT - CB,LL,RR,RW	85	88		102	13
*GL-890Quad	3000GT - CB,LL,RR,RW	90	89		102	11*
GL-903QuadVip	Vip3111 - CB,LL,RR,RW	103	103		102	7
GL-905Quad	3000GT - CB,LL,RR,RW	105	104		102	10
GL-907QuadVip	Vip3111 - CB,LL,RR,RW	106	107		102	8
*GL-909Quad	3000GT - CB,LL,RR,RW	109	109	108	102	8,14*
GL-987QuadVip	Vip3111 - CB,LL,RR,RW	87	87		102	13
GL-993Quad	3000GT - CB,LL,RR,RW	93	95		102	12
*GL-995Quad	3000GT - CB,LL,RR,RW	95	96		102	12*
*GL-999QuadVip	Vip3111 - CB,LL,RR,RW	99	97		102	9*
Legacy Seeds						
L2750	3000GT - CB,LL,RR,RW	86	87		97	13
L2811	GENVT3Pro - CB,RR,RW	88	87		124	13
*L2999	3000GT - CB,LL,RR,RW	91	89	90	97	12*,13*,20*
*L3009	GENVT3Pro - CB,RR,RW	92	94	91	124	12*,20*
*L3110	GENVT3Pro - CB,RR,RW	94	96		124	12*
*L3610VT3Pro	GENVT3Pro - CB,RR,RW	96	96		124	9,12*
*L3910	3000GT - CB,LL,RR,RW	99	96	100	97	9*,12*,19*
*L4010	GENVT3Pro - CB,RR,RW	100	98		124	9,12*
L4310	Vip3111 - CB,LL,RR,RW	103	103	104	97	10,16,19
*L5350	3000GT - CB,LL,RR,RW	104	104	103	97	7*,10*,16*,19
*L5810	3000GT - CB,LL,RR,RW	106	107	107	97	8*,17*
Legend Seeds						
*30J190	Conv - None	90	88		137	11*,13
*47J104-3000GT	3000GT - CB,LL,RR,RW	104		103	137	19*
5080	Conv - None	80	87		137	13
*5096	Conv - None	96	98		137	12*
5901	Conv - None	100	98		137	12
*9090-3000GT	3000GT - CB,LL,RR,RW	90	87	92	137	11*,13*,18*
*9100-3111Vip	Vip3111 - CB,LL,RR,RW	100		101	137	19*
*9101VT3Pro	GENVT3Pro - CB,RR,RW	101		103	137	19*
9195VT2P	GENVT2Pro - CB,RR	95	95		137	12
*9787-3000GT	3000GT - CB,LL,RR,RW	87		89	137	18*,20*
*9993VT3	VT3 - CB,RR,RW	93		93	137	18*,20
*9998-3000GT	3000GT - CB,LL,RR,RW	98		93	137	18*
Lemke						
2020	Conv - None	85	86		2	13
*2027-3000GT	3000GT - CB,LL,RR,RW	85	88		97	11*
*3117VT3	VT3 - CB,RR,RW	90	88		97	11*
3150	Conv - None	90	88		2	11
*4047-3000GT	3000GT - CB,LL,RR,RW	97	98		97	9*
4097VT3	VT3 - CB,RR,RW	95	95		97	12
*5160	Conv - None	99	98		2	9*
*6117-3000GT	3000GT - CB,LL,RR,RW	105	104	108	97	10*,17
7158-3000GT	3000GT - CB,LL,RR,RW	110	109		97	8
LG Seeds						
*LG2411VT3	VT3 - CB,RR,RW	90	88	93	53	11*,18*
LG2414	Conv - None	91	94		53	12
LG2478VT3Pro	GENVT3Pro - CB,RR,RW	97	96		53	9
*LG2492	Conv - None	98		94	53	18*
*LG2501VT3Pro	GENVT3Pro - CB,RR,RW	100	97	102	53	9,16*
*LG2508VT3Pro	GENVT3Pro - CB,RR,RW	104	103	103	53	7*,16
*LG25093000GT	3000GT - CB,LL,RR,RW	103		103	53	16*
*LG2510STX	GENSS - CB,LL,RR,RW	103	103	102	53	10*,16*
LG2535STX	GENSS - CB,LL,RR,RW	105	106		53	7
*LG2549VT3	VT3 - CB,RR,RW	109	110	108	53	8*,14
Masters Choice						
*MC4050	Conv - None	90		92	7	18*
*MC4560	Conv - None	95		94	7	18*
*MC5250	Conv - None	102		103	7	16*
MC-535	Conv - None	107		108	7	17

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Table 2 (continued). Corn hybrids included in the 2011 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		Maturity			Seed	
Hybrid	Technology – Traits	Co.	GRM	SRM	Trt.	Tables
Munson						
*14230-3000GT	3000GT - CB,LL,RR,RW	87	88		124	11*
*4215GT	GT - RR	82	88		124	11*
*4485-3000GT	3000GT - CB,LL,RR,RW	84	88		124	11*
*5033-3000GT	3000GT - CB,LL,RR,RW	90	88		124	11*
*5237VT3P	GENVT3Pro - CB,RR,RW	92	94		124	12*
5396VT3P	GENVT3Pro - CB,RR,RW	93	96		124	12
*5720-3000GT	3000GT - CB,LL,RR,RW	97	96		124	12*
*5857-3000GT	3000GT - CB,LL,RR,RW	98	98		124	12*
6053SS	GENSS - CB,LL,RR,RW	100	98		124	12
Mycogen						
2A397	RR2 - RR	95	95		121	9
2A551	RR2HXT - CB,LL,RR,RW	103	104		121	10
2C641	RR2 - RR	108	108		121	8
*2G192	GTCBLL - CB,LL,RR	85	88		121	11*
2G500	3000GT - CB,LL,RR,RW	100	100		121	7,9
2H490	DASSS - CB,LL,RR,RW	99	99		121	9
2H566	DASSS - CB,LL,RR,RW	104	102		121	7,10
2J337	VT3 - CB,RR,RW	92	94		121	12
2K594	DASSS - CB,LL,RR,RW	105	104		121	7
2P486	DASSS - CB,LL,RR,RW	97	97		121	9
2P616	RR2HXT - CB,LL,RR,RW	107	109		121	8
2T224	DASSS - CB,LL,RR,RW	86	88		121	11
2T698	RR2HXT - CB,LL,RR,RW	110	108		121	8
*F2F488	RR2HXT - CB,LL,RR,RW,bmr	99		99	121	19*,20*
*F2F569	RR2HXT - CB,LL,RR,RW,bmr	105		106	121	17*
F2F622	RR2HX - CB,LL,RR,bmr	109		110	121	14
TMF2L418	RR2HXT - CB,LL,RR,RW	94		96	97	18
*TMF2L533	RR2HXT - CB,LL,RR,RW,lfy	101		103	97	16*
*TMF2Q717	DASSS - CB,LL,RR,RW	109		108	97	14*,17
*TMF2R522	DASSS - CB,LL,RR,RW	98		99	97	16,18*
*TMF2W727	RR2HXT - CB,LL,RR,RW	113		112	97	15*
X12501RR	RR2 - RR	104	102		121	7,10
*X20337	RR2HX - CB,LL,RR	95	94		121	12*
X20526	RR2HX - CB,LL,RR	104	105		121	7
X21458	GTCBLL - CB,LL,RR	99	98		121	9
X21552	DASSS - CB,LL,RR,RW	108	108		121	8
*X21671	DASSS - CB,LL,RR,RW	108	108		121	8*
NK Brand						
N19G-3111	Vip3111 - CB,LL,RR,RW	85	87		102	13
N27B-3111	Vip3111 - CB,LL,RR,RW	90	89		102	11
*N29T-3000GT	3000GT - CB,LL,RR,RW	92	92	89	102	12,20*
N39M-3111	Vip3111 - CB,LL,RR,RW	98	98		102	9
*N49J-3000GT	3000GT - CB,LL,RR,RW	103		102	102	16*
*N53W-3000GT	3000GT - CB,LL,RR,RW	105	104	107	102	7*,10*,17*
*N61P-3000GT	3000GT - CB,LL,RR,RW	107		107	102	14*
*N68A-3000GT	3000GT - CB,LL,RR,RW	111	109		102	8*
*N68T-GT	GT - RR	111		112	102	15*
NuTech						
3A-889	RR2 - RR	89		92	43	20
3A-9901	RR2 - RR	99	96		43	9,12
*5B-0205	GTCBLL - CB,LL,RR	102	102		43	7,10*
5N-001	3000GT - CB,LL,RR,RW	100	100	101	43	7,9,12,19
5N-1003	3000GT - CB,LL,RR,RW	110	109		43	8
*5N-1004	3000GT - CB,LL,RR,RW	110	109	108	43	8*,17
*5N-102	3000GT - CB,LL,RR,RW	102	101	101	43	7*,10,19
5N-183	3000GT - CB,LL,RR,RW	83	86		43	13
*5N-186	3000GT - CB,LL,RR,RW	86	87	85	43	11,13,20*
*5N-197	3000GT - CB,LL,RR,RW	97	97	95	43	9,12*,18*
*5N-290	3000GT - CB,LL,RR,RW	90	87	90	43	11*,13*,20*
*5N-406	3000GT - CB,LL,RR,RW	106	106	108	43	8*,10*,17
*5N-803	3000GT - CB,LL,RR,RW	103	103	103	43	7,10*,19*
*5N-9001	3000GT - CB,LL,RR,RW	90	90		43	11*,13
*5X-0001	HXT - CB,LL,RW	100	99		43	7*,9,12*
O'Brien						
OB1107	Conv - None	107	110		97	21
OB1109	Conv - None	109		108	97	14
*OB1151	Conv - None	105	106		97	21*
*OB4902GT3	3000GT - CB,LL,RR,RW	90	88		97	11*
OB4980GT3	3000GT - CB,LL,RR,RW	98	98		97	9
OB5102-3111	Vip3111 - CB,LL,RR,RW	102	103		97	10
OBX108	Conv - None	108	109		97	21
Organic						
*B UTC	Conv - None	105	101		3	22*,23*
*B UTC-Hand Weed	Conv - None	105	101		3	22*,23*
Partners In Production						
3082	3000GT - CB,LL,RR,RW	82	86		43	13
*3085	GTCBLL - CB,LL,RR	85	87		43	13*
3090	GT - RR	90	88		43	13
*3190	3000GT - CB,LL,RR,RW	90	87		43	11*,13*
3887	3000GT - CB,LL,RR,RW	87	87		43	13
*4096	GTCBLL - CB,LL,RR	93	96		43	12*
*4097	3000GT - CB,LL,RR,RW	97	97		43	12*
4198	3000GT - CB,LL,RR,RW	98	98		43	9
*5001	Vip3111 - CB,LL,RR,RW	101	103		43	10*
5006	3000GT - CB,LL,RR,RW	106	108		43	8
5101	3000GT - CB,LL,RR,RW	104	102		43	7
5205	3000GT - CB,LL,RR,RW	105	103		43	7
*5804	3000GT - CB,LL,RR,RW	104	104	103	43	7,19*
*5808	Conv - None	108		107	43	17*
*7114	3000GT - CB,LL,RR,RW	114		112	43	15*
*7115	GT - RR	115		112	43	15*
*8204	CBLLRW - CB,LL,RW	104		104	43	19*
*8295	GTRW - RR,RW	95		93	43	20*
Pilgrim						
*1040-3000GT	3000GT - CB,LL,RR,RW	104	104	103	97	10,16*
*8500GTCBLL	GTCBLL - CB,LL,RR	83	87		97	13*
*87-3000GT	3000GT - CB,LL,RR,RW	87	87		97	11*,13
*8900GT	GT - RR	89	89	89	97	11,13,20*
*91-3000GT	3000GT - CB,LL,RR,RW	91	92	92	97	12*,18*
95-3000GT	3000GT - CB,LL,RR,RW	95	96		97	12
Pioneer						
*33F88	RR2HXT - CB,LL,RR,RW	114		110	97	15*,17*
33T57	RR2HX - CB,LL,RR	113	111		97	8
*34A89	RR2HXT - CB,LL,RR,RW	109		107	97	14*,17
*35F38	Conv - None	104	105		3	21*
*35F40	RR2HX - CB,LL,RR	105	104		97	7*,10*
35F44	RR2HXT - CB,LL,RR,RW	105	104		97	10
35F48AM1	AM1 - CB,LL,RR,RW	105	103	104	97	7,19
*35K09AM1	RR2HXT - CB,LL,RR,RW	106		107	97	17*

† See Table 3 for technology abbreviation. Traits: CB= Corn borer, LL= Liberty Link, RR= Roundup Ready, RW= Corn rootworm; Other: bmr= brown midrib, lfy= leafy, ND= Nutri-Dense

Table 2 (continued). Corn hybrids included in the 2011 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		Maturity			Seed	
Hybrid	Technology – Traits	Co.	GRM	SRM	Trt.	Tables
*36V53	RR2HX - CB,LL,RR	102	103		97	7*,10*
37Y14	RR2HXT - CB,LL,RR,RW	99	95		97	9,12
38A55	RR2 - RR	97	96		97	9
*38N88	RR2HX - CB,LL,RR	92	93		97	12*
*P0115AM1	AM1 - CB,LL,RR,RW	101	102	98	97	10*,19*,20*
*P0448XR	RR2HXT - CB,LL,RR,RW	104	104	104	97	7*,10,14*,16*,19*
*P0453HR	RR2HX - CB,LL,RR	104	104		97	7*
P0533XR	RR2HXT - CB,LL,RR,RW	105	104		97	7
*P0891XR	RR2HXT - CB,LL,RR,RW	108		107	97	14*,17*
*P0916XR	RR2HXT - CB,LL,RR,RW	109	108		97	8*
*P1184XR	RR2HXT - CB,LL,RR,RW	111	109	112	97	8*,15*
P8581R	RR2 - RR	85	86		97	13
P8640HR	RR2HX - CB,LL,RR	86	85		97	13
*P8906HR	RR2HX - CB,LL,RR	89	87		97	11*,13
*P9623HR	RR2HX - CB,LL,RR	96	96		97	12*
*P9630AM1	AM1 - CB,LL,RR,RW	96	96	91	97	9,12*,20*
P9807HR	RR2HX - CB,LL,RR	98	99		97	9
*P9910AM1	AM1 - CB,LL,RR,RW	99	96		97	9*,12*
*P9917XR	RR2HXT - CB,LL,RR,RW	99	96		97	9,12*
Power Plus						
2F16AM1	AM1 - CB,LL,RR,RW	102	103		139	7
4C58	RR2HXT - CB,LL,RR,RW	109	110		139	8
Prairie Hybrids						
1452	Conv - None	102		101	134	19
*1711	Conv - None	101	100		134	22*
282	Conv - None	99		101	134	19
*3074	Conv - None	104	105		134	21*
*3081	Conv - None	104	105		134	22*
*4368	Conv - None	106		108	134	14*
*5200	Conv - None	108	106	107	134	14*,17*,21
*5879	Conv - None	107	106		134	21*
*590	Conv - None	95		92	134	18*
*6950	Conv - None	111		112	134	15*
Renk						
RK268VT3	VT3 - CB,RR,RW	85	87		37	13
RK292GTCBLLRW	3000GT - CB,LL,RR,RW	84	87		37	13
*RK295GT	GT - RR	85	89	90	37	13*,20
*RK302GTCBLLRW	3000GT - CB,LL,RR,RW	88	87	89	37	11*,13*,20*
*RK434VT3P	GENVT3Pro - CB,RR,RW	92	94	93	124	12*,18*,20*
*RK530VT3P	GENVT3Pro - CB,RR,RW	94	96	95	124	12,18*
*RK565GTCBLLRW	3000GT - CB,LL,RR,RW	99	98	101	37	9,12*,19*
RK570VT3	VT3 - CB,RR,RW	95	95		124	12
RK580SSTX	GENSS - CB,LL,RR,RW	98	100		124	9
*RK585VT3P	GENVT3Pro - CB,RR,RW	95	96	94	124	9,12,18*
RK619SSTX	GENSS - CB,LL,RR,RW	101	104		124	10
RK670VT3	VT3 - CB,RR,RW	105	102		124	10
*RK694GTCBLLRWBL	Vip3111 - CB,LL,RR,RW	104	103	103	37	7,10*,16*,19
*RK698VT3	VT3 - CB,RR,RW	102	103	101	124	10*,19*
*RK708VT3P	GENVT3Pro - CB,RR,RW	105	103		124	7,10*
*Rk741VT3P	GENVT3Pro - CB,RR,RW	108	109		124	8*
*RK744VT3P	GENVT3Pro - CB,RR,RW	107	108	108	124	8*,17*
*RK831VT3P	GENVT3Pro - CB,RR,RW	112	110	112	124	8*,15*
RK844VT3	VT3 - CB,RR,RW	112		112	124	15
*RK858VT3P	GENVT3Pro - CB,RR,RW	112	110	112	124	8*,15*
*RK880SSTX	GENSS - CB,LL,RR,RW	112	109		124	8*
Steyer						
*5202	GENVT3Pro - CB,RR,RW	102	103		43	7*
Stine						
*9207GT3000	3000GT - CB,LL,RR,RW	90		93	97	18*
*9311VT3P	GENVT3Pro - CB,RR,RW	93		95	129	18*
*9523VT3	VT3 - CB,RR,RW	104		102	129	16*
Trelay						
4ST458	GENSS - CB,LL,RR,RW	95	96		135	12
*4VP643	GENVT3Pro - CB,RR,RW	96	95		135	12*
*4VP726	GENVT3Pro - CB,RR,RW	97	97	95	135	12*,18*
*5VP688	GENVT3Pro - CB,RR,RW	101	99	102	135	10,12*,19*
*6ST576	GENSS - CB,LL,RR,RW	104	104	103	135	10*,16*
*6ST620	GENSS - CB,LL,RR,RW	106	105	105	135	10*,17,19
6VP125	GENVT3Pro - CB,RR,RW	103	100		135	10,12
*6VP982	GENVT3Pro - CB,RR,RW	107		105	135	17*,19*
*6VT154	VT3 - CB,RR,RW	103	101	103	135	10*,12*,16*
7VP745	GENVT3Pro - CB,RR,RW	111		108	135	17
Unity Seeds						
*US7600-3000GT	3000GT - CB,LL,RR,RW	100	99		102	9,12*
*US7789-3000GT	3000GT - CB,LL,RR,RW	89	91		102	9,11*
*US7801-3000GT	3000GT - CB,LL,RR,RW	101	101		102	10*,12*
UW						
*EX27	Conv - None	112		112	1	15*
*EX31	Conv - None	109		107	1	17*
*EX36	Conv - None	108		107	1	17*
EX37	Conv - None	108		107	1	17
*EX38	Conv - None	112		112	1	15*
*EX39	Conv - None	112		112	1	15*
*EX41	Conv - None	112		111	1	15*
EX42	Conv - None	108		107	1	17
Viking						
*6001N	Conv - None	101	98		3	22*
7001PM	Conv - None	101	100		3	22
*80-92UNT	Conv - None	92	92		3	23*
LFY2200N	Conv - None,lfy	100		103	142	19
*O.6710	Conv - None	98	97		3	23*
O.6999N	Conv - None	101	101		3	22
*O.8590N	Conv - None	90	89		3	23*
Wyffels						
W4179	3000GT - CB,LL,RR,RW	105	104		37	7
W4267	GENVT3Pro - CB,RR,RW	105	103		124	7
*W5077	GENVT3Pro - CB,RR,RW	107	110		124	8*

† See Table 3 for technology abbreviation. Traits: CB= Corn borer, LL= Liberty Link, RR= Roundup Ready, RW= Corn rootworm; Other: bmr= brown midrib, lfy= leafy, ND= Nutri-Dense

Table 3. List of transgenic technologies used in corn hybrids entered in the 2011 UW corn trials.

Abbreviation	Technology	Traits †	Events	Number of Hybrids	First Year
3000GT	Agrisure® 3000GT	CB,LL,RR,RW	Bt11,T25,GA21,MIR604	96	2008
AM1	Optimum AcreMax 1	CB,LL,RR,RW	TC1507,T25,GA21,DAS591227	5	2011
CBLLRW	Agrisure® CB/LL/RW	CB,LL,RW	Bt11,T25,MIR604	1	2003
Conv	Conventional	None	None	83	1930
DASSS	DAS SmartStax™	CB,LL,RR,RW	Mon89034,TC1507,T25,GA21,DAS591227,Mon88017	17	2009
GENSS	Genuity™ SmartStax™	CB,LL,RR,RW	Mon89034,TC1507,T25,Nk603,DAS591227,Mon88017	29	2008
GENVT2Pro	Genuity™ VT Double Pro™	CB,RR	Mon89034,Nk603	2	2008
GENVT3Pro	Genuity™ VT Triple Pro™	CB,RR,RW	Mon89034,Nk603,Mon88017	73	2010
GT	Agrisure® GT	RR	GA21	11	2006
GTCBLL	Agrisure® GT/CB/LL	CB,LL,RR	Bt11,T25,GA21	9	2006
GTRW	Agrisure® GT/RW	RR,RW	GA21,MIR604	1	2009
HX	Herculex® I	CB,LL	TC1507,T25	1	2003
HXT	Herculex® XTRA	CB,LL,RW	TC1507,T25,DAS591227	8	2006
RR2	Roundup Ready® Corn 2	RR	Nk603	15	2000
RR2HX	Herculex® I plus Roundup Ready® Corn 2	CB,LL,RR	TC1507,T25,Nk603	33	2006
RR2HXT	Herculex® XTRA plus Roundup Ready® Corn 2	CB,LL,RR,RW	TC1507,T25,Nk603,DAS591227	33	2006
RR2YGCB	Roundup Ready® Corn 2 and YieldGard® Corn Borer	CB,RR	Mon810,Nk603	1	1999
RRYGPL	YieldGard® Plus	CB,RR,RW	Mon810,Nk603,Mon863	2	2005
Vip3111	Agrisure Viptera® 3111	CB,LL,RR,RW	Bt11,T25,GA21,MIR604,MIR162	17	2010
VT3	YieldGard® VT Triple	CB,RR,RW	Mon810,Nk603,Mon88017	53	2007
VTRR2	YieldGard® VT Rootworm plus Roundup Ready® Corn 2	RR,RW	Nk603,Mon88017	2	2007

† Traits: CB= Corn borer, LL= Liberty Link, RR= Roundup Ready, RW= Corn rootworm

Table 4. List of seed treatments used on corn hybrids entered in the 2011 UW corn trials.

Seed Trt.	Brand Name	Treatment Mix Fungicide | Insecticide | Nematicide	Common Name Fungicide | Insecticide | Nematicide	Number of Hybrids
1		Captan	captan	8
2		Maxim	fludioxonil	8
3		Untreated		20
7		Poncho250	clothianidin	18
37	CruiserExtremePak250	ApronXL+Dynasty+MaximXL | Cruiser	mefenoxam+azoxystrobin+fludioxonil | thiamethoxam	10
43		MaximXL | Cruiser	fludioxonil | thiamethoxam	65
53		Poncho500 | VOTiVO	clothianidin | Bacillus firmus	27
54		ApronXL+Maxim	mefenoxam+fludioxonil	8
55		ApronXL+Maxim | Poncho250	mefenoxam+fludioxonil | clothianidin	2
97		Dynasty+MaximXL | Cruiser250	azoxystrobin+fludioxonil | thiamethoxam	121
99		MaximXL+Trilex | Poncho250	fludioxonil+ trifloxystrobin | clothianidin	1
101	CruiserMaxx	ApronFL+Maxim | Cruiser	mefenoxam+fludioxonil | thiamethoxam	4
102		Cruiser250	thiamethoxam	40
113		Dynasty+MaximXL | Lorsban	azoxystrobin+fludioxonil | chlorpyrifos	3
121	Avicta Complete Corn	ApronXL+Dynasty+MaximXL | Cruiser | Avicta	mefenoxam+azoxystrobin+fludioxonil | thiamethoxam | abamectin	22
124		Apron+Trilex+Vortex | Poncho250	mefenoxam+trifloxystrobin+ipconazole | clothianidin	52
127		ApronXL+Trilex+Vortex | Poncho250	mefenoxam+fludioxonil+ | clothianidin	3
129	Acceleron DC-309	Allegiance	metalaxyl	4
133	Maxim Quattro + Cruiser250	Apron+Dynasty+Maxim+TBZ | Cruiser250	azoxystrobin+fludioxonil+mefenoxam+thiabendazole | thiamethoxam	17
134		Dynasty+MaximXL	azoxystrobin+fludioxonil	10
135		MaximXL+Trilex | Poncho500 | VOTiVO	fludioxonil+ trifloxystrobin | clothianidin | Bacillus firmus	10
136	Acceleron+Poncho500+VOTiVO	Apron+Stratego+Vortex | Poncho500 | VOTiVO	mefenoxam+ipconazole+trifloxystrobin | clothianidin | VOTiVO	7
137		Stamina | Poncho500 | VOTiVO | Quickroots	pyraclostrobin | clothianidin | VOTiVO | Trichoderma virens and Bacillus amyloliquefaciens	12
138		Allegiance+Trilex+Vortex | Poncho500 | VOTiVO	metalaxyl+trifloxystrobin+ipconazole | clothianidin | VOTiVO	15
139		Poncho 500	clothianidin	2
140		Mycotrol	Beauveria bassiana (Strain GHA)	2
142	Latitude	Apron | Gaucho	mefenoxam | imidacloprid	1

Table 5. 2011 Temperature and Precipitation Summary.

Location	Temperature (Average) Precipitation (Total)	May 30-year Normal	May 2011 Departure	June 30-year Normal	June 2011 Departure	July 30-year Normal	July 2011 Departure	August 30-year Normal	August 2011 Departure	September 30-year Normal	September 2011 Departure
Arlington	Temperature	55.7	-2.1	65.6	-0.9	69.4	3.5	67.3	0.5	59.3	-2.8
	Precipitation	3.69	-1.52	4.68	-0.6	4.16	-1.67	3.9	-2.44	3.5	0.3
Chippewa Falls	Temperature	57.6	-1.5	66.9	-0.7	71.6	3.0	69.3	0.2	60.2	-1.8
(Eau Claire)	Precipitation	3.5	-0.2	4.1	3.1	3.9	3.5	4.5	-2.2	3.7	-2.0
Coleman	Temperature	54.2	-1.1	64.0	-0.8	68.4	4.3	66.7	1.5	58.5	-1.3
(Oconto)	Precipitation	3.4	0.5	3.6	1.2	3.8	-1.0	3.5	0.1	3.3	0.0
Fond du Lac	Temperature	56.3	-3.8	66.0	-1.6	70.4	3.5	68.6	1.2	60.7	-3.7
	Precipitation	3.1	-1.1	3.9	-2.3	3.5	0.5	3.5	-1.8	3.4	1.0
Galesville	Temperature	59.3	-0.3	68.5	0.9	72.7	4.7	70.5	1.8	62.1	-1.3
(LaCrosse)	Precipitation	3.7	-0.1	3.8	-0.4	4.4	0.8	4.5	-2.5	3.8	-1.0
Hancock*	Temperature	56.8	-2.4	66.5	0.5	70.3	3.2	68.3	1.8	60.0	-2.4
(Stevens Point)	Precipitation	3.7	-1.7	4.5	-2.8	4.4	-2.4	4.2	-4.2	3.4	-2.7
	Irrigation			2.6		7.2		5.1			
Janesville	Temperature	58.7	-1.6	68.6	-0.2	72.5	4.0	70.8	0.8	62.9	-3.0
(Beloit)	Precipitation	3.8	-0.9	4.7	0.2	3.9	0.9	4.3	0.3	3.7	0.1
Lancaster	Temperature	57.3	0.4	66.9	1.2	70.8	5.5	69.0	2.3	60.8	-1.8
	Precipitation	4.1	-1.8	5.3	0.2	4.3	2.6	4.2	-1.6	3.1	0.4
Marshfield	Temperature	56.1	-1.3	65.8	-0.7	70.1	3.1	68.1	1.4	59.1	-1.7
	Precipitation	3.7	-0.5	4.5	-0.3	4.0	4.2	4.3	-1.6	3.9	-0.3
Seymour	Temperature	56.2	-1.5	65.5	-0.7	69.8	5.3	68.5	0.6	59.8	-2.1
(Green Bay)	Precipitation	2.9	-0.1	3.9	1.2	3.5	1.8	3.4	-1.7	3.0	1.5
Spooner	Temperature	55.7	-1.6	64.9	-0.6	69.3	4.1	67.3	0.7	58.3	-0.5
	Precipitation	3.5	0.5	4.0	-0.7	4.1	-0.6	4.2	3.1	3.8	-2.4
Valders	Temperature	53.5	-2.7	63.7	-2.5	69.2	2.3	68.3	2.1	60.7	-0.1
(Two Rivers)	Precipitation	3.1	-0.7	3.5	3.4	3.4	-1.1	3.6	-2.6	3.1	0.1

* Irrigation applied at Hancock - Irrigated Sand Trials.

Source: Wisconsin State Climatology Office

Table 6. Individual Trial Information - 2011 Trials.

Location / Soil Series	Cooperators	Previous Crop / Row Width (in) / Planting Date	Har-vest Dates	Av. Final Stand (plants/A)	Tillage Operations	Soil Test pH	Soil Test P (ppm)	Soil Test K (ppm)	Nitrogen Fertilizer actual (lbs/A)	Nitrogen Fertilizer form	Nitrogen Fertilizer time	Insect Control	Weed Control
Arlington	M. Repking	Corn / 30	Oct-11	G: 30858	Field Cultiv	7.1	64	193	3	10-34-0	plant	Force 3G	Dual II Mag 24 oz/A
Plano Silt Loam		May-3	Sep-8	S: 33237		7.1	64	193	150	46-0-0	pre	4.4 lbs/A	Hornet 5.0 oz/A
				C: 29091									Accent Q 1.0 oz/A
													Cultivate
Chippewa Falls	J. Clark	Soybean / 30	Oct-18	G: 29595	Field Cultiv	5.7	87	102	130	28-0-0	pre	None	Outlook 14 oz/A
Sattre Silt Loam		May-2	Sep-13	S: 32240					3	10-34-0	plant		Hornet 3.0 oz/A
				O: 22437									Cultivate
Coleman	T. Kuchta	Corn / 30	Oct-28	G: 29692	Fall Chisel	6.9	37	156	3	10-34-0	plant	Force 3G	Lumax 3.0 qt/A
Oconto Sandy Loam		May-20	Sep-20	S: 31628	Field Cultiv				102	34-0-0	post	4.4 lbs/A	
Fond du Lac	M. Rankin	Soybean / 30	Oct-20	G: 34494	Fall Chisel	6.7	23	86	3	10-34-0	plant	None	Lumax 3.0 qt/A
Virgil Silt Loam	E. Montsma	May-17	Sep-16	S: 35216	Field Cultiv				150	46-0-0	post		Cultivate
				O: 31847									
Galesville	K. Congdon	Soybean / 30	Oct-18	G: 30484	Fall Zone Till	6.0	32	166	3	10-34-0	plant	None	Harness 3.0 oz/A
Downs Silt Loam	J. Zander	May-2	Sep-12	S: 30856	Strip Till				150	46-0-0	pre		Callisto 3.0 oz/A
				O: 28238					21	21-0-0-24S	pre		
Hancock	G. Carlson	Corn / 30	Oct-14	G: 27974	Disk	6.4	45	60	100	0-0-60	pre	Force 3G	Prowl 2.0 pt/A
Plainfield Sand		Apr-29		O: 25423	Soil Finisher				3	10-34-0	plant	4.4 lbs/A	Callisto 3.0 oz/A
Irrigated									32	21-0-0-24S	post		Aatrex 4L 1.5 pt/A
									160	46-0-0	post		Laudis 3.0 oz/A
Janesville	J. Stute	Soybean / 30	Oct-10	G: 31854	Chisel Plow	6.6	49	158	3	10-34-0	plant	Force 3G	Lumax 3.0 qt/A
Plano Silt Loam		May-4		C: 34166	Field Cultiv				150	28-0-0	post	4.4 lbs/A	Cultivate
Lancaster	T. Wood	Soybean / 30	Oct-17	G: 30806	Fall Subsoil	6.8	14	77	3	10-34-0	plant	None	Lumax 3.0 qt/A
Fayette Silt Loam		May-4		C: 30366	Soil Finisher				125	46-0-0	pre		
		Corn / 30	Sep-9	S: 31680	Fodder Stackd	7.2	22	79	63	46-0-0	post	Force 3G	Lumax 3.0 qt/A
		May-4			Soil Finisher				10T/A	Compost	pre	4.4 lbs/A	
Marshfield	M. Bertram	Soybean / 30	Nov-1	G: 31323	Fall Chisel	6.5	55	138	3	10-34-0	plant	None	Surestart 2.25 pt/A
North Central Trial		May-18		O:25353	Spring Cultiv				120	28-0-0	post		Volley 2.75 pt/A
Withee Silt Loam			Sep-22	S: 32142									Cultivate
Northern Trial		Corn / 30	Nov-1	G: 31250	Fall Chisel	6.5	26	57	3	10-34-0	plant	Force 3G	Surestart 2.25 pt/A
Withee Silt Loam		May-18	Sep-22	S: 31250	Spring Cultiv				120	28-0-0	post	4.4 lbs/A	Volley 2.75 pt/A
													Cultivate
Seymour	M. Maass	Soybean / 30	Oct-27	G: 28098	Chisel Plow	7.2	8	111	150	0-0-60	pre	None	Hornet 2.0 oz/A
Onaway Silt Loam	K. Jarek	May-19		O: 14053	Field Cultiv				3	10-34-0	plant		Overtime ATZ 1.7 qt/A
									150	46-0-0	post		Cultivate
									70	46-0-0	post		
Spooner	P. Holman	Soybean / 30	Oct-14	G: 34160	Spring Chisel	6.2	46	72	120	0-0-60	pre	None	Dual II Mag 1 pt/A
Irrigated-Cress Sandy Loam		May-10	Sep-9	S: 35233	Disk				150	13-7-20-12	plant		Hornet 4.0 oz/A
									92	46-0-0	post		Cultivate
Antigo Silt Loam		Soybean / 30	Oct-26	G: 31719	Disk	6.0	23	83	125	0-0-60	pre	None	Dual II Mag 1 pt/A
		May-17	Sep-20	S: 31771					150	13-7-20-12	plant		Hornet 4.0 oz/A
									92	46-0-0	post		
Dryland-Cress Sandy Loam		Alfalfa / 30	Oct-17	G: 28487	Spring Plow	6.4	24	88	150	13-7-20-12S	plant	None	Dual II Mag 1 pt/A
		May-11			Spring Disk				70	46-0-0	post		Hornet 4.0 oz/A
													Cultivate
Valders	M.Berge	Corn / 30	Oct-27	G: 31386	Chisel Plow	7.3	32	115	3	10-34-0	plant	Force 3G	Laudis 2.0 oz/A
Kewaunee Clay	S.Hoffman	May-19		O: 29570	Field Cultiv				160	46-0-0	post	4.4 lbs/A	Steadfast 1.0 oz/A
Loam			Sep-20	S: 33908									Cultivate

Note: G=Grain, S=Silage, C=Conventional, 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, LANCASTER = LAN)

			2011								2010				
			Average					Yield (bu/A)			Average		Yield (bu/A)		
Brand	Hybrid	Traits†	Yield (bu/A)	P.I. #	Moist %	Test Wt.	Lodge %	ARL	JAN	LAN	Yield (bu/A)	P.I. #	ARL	JAN	LAN
Hughes	2795-3000GT	CB,LL,RR,RW	209	98	16.3	58	10	146	223	* 260	220	98	230	214	215
Mycogen	2G500	CB,LL,RR,RW	211	99	16.3	58	7	166	228	238					
Dairyland	ST9799	CB,RR,RW	210	99	16.3	59	3	165	234	232					
Garst	87U28-3000GT	CB,LL,RR,RW	211	98	16.3	58	12	165	227	242					
NuTech	5N-102	CB,LL,RR,RW	* 225	* 103	16.4	58	4	* 216	227	233	209	96	223	206	199
Dekalb	DKC49-94	CB,LL,RR,RW	195	96	16.8	58	3	156	218	211					
NuTech	5N-001	CB,LL,RR,RW	197	95	16.8	55	7	154	210	226	223	99	228	231	211
Great Lakes	5245G3VT3	CB,RR,RW	220	* 101	17.0	56	5	186	* 240	233					
Mycogen	X12501RR	RR	192	95	17.1	56	4	169	221	188					
Croplan Genetics	4022RR	RR	200	96	17.2	59	7	180	214	207					
Partners in Production	5101	CB,LL,RR,RW	198	95	17.3	55	10	163	196	234					
NuTech	5B-0205	CB,LL,RR	213	100	17.3	60	5	188	219	231					
Hughes	3309-3000GT	CB,LL,RR,RW	217	* 101	17.4	55	3	198	206	247	215	97	236	228	182
Dekalb	DKC52-59	CB,RR,RW	187	93	17.6	57	4	151	211	198	223	100	215	* 250	203
NuTech	5X-0001	CB,LL,RW	218	* 101	17.6	58	3	198	226	229					
G2 Genetics	5H-0101RRHX	CB,LL	* 237	* 106	17.6	55	2	* 222	236	* 254					
100-DAY HYBRID TRIAL AVERAGE##					17.6										
Croplan Genetics	4338SS	CB,LL,RR,RW	198	96	17.7	57	5	175	189	230					
Dairyland	ST9500SSX	CB,LL,RR,RW	202	96	17.7	58	9	150	218	238					
G2 Genetics	5H-502RRHX	CB,LL	220	* 101	17.7	57	2	190	226	243	233	* 102	226	* 251	222
Carharts Blue Top	CR9910VT3P	CB,RR,RW	213	99	17.8	59	7	181	229	229					
Mycogen	2H566	CB,LL,RR,RW	215	99	17.8	57	7	182	227	234					
Dairyland	ST9303SSX	CB,LL,RR,RW	215	99	17.9	57	7	188	226	231					
Cornelius	C344VT3P	CB,RR,RW	* 224	* 101	17.9	58	10	* 206	227	238					
Dekalb	DKC53-78	CB,LL,RR,RW	* 223	* 102	17.9	56	2	201	238	232					
Croplan Genetics	5438SS	CB,LL,RR,RW	* 231	* 104	18.0	57	3	* 208	237	247					
Steyer	5202	CB,RR,RW	* 230	* 103	18.1	58	7	* 208	232	* 249					
G2 Genetics	5H-501RRHX	CB,LL	218	* 101	18.1	58	4	192	228	235					
Jung	7V546	CB,RR,RW	204	96	18.2	57	8	164	222	226					
Partners In Production	5205	CB,LL,RR,RW	212	99	18.2	56	6	192	218	227					
Channel	203-43VT3P	CB,RR,RW	* 232	* 103	18.2	57	7	180	* 257	* 260					
Kussmaul	GL-903QuadVip	CB,LL,RR,RW	211	99	18.2	58	2	184	203	246					
Cornelius	C339VT3	CB,RR,RW	* 223	* 101	18.2	59	4	173	* 245	* 250					
AgriGold	A6276VT3	CB,RR,RW	218	100	18.2	59	8	180	220	* 254	* 240	* 103	239	* 243	* 239
LG Seeds	LG2508VT3Pro	CB,RR,RW	221	* 101	18.3	57	5	186	234	244					
Croplan Genetics	5338VT3P	CB,RR,RW	219	100	18.3	56	6	186	235	236					
G2 Genetics	5X-903HXT	CB,LL,RW	* 229	* 103	18.4	56	6	* 206	* 242	239					
Carharts Blue Top	CG102-3000GT	CB,LL,RR,RW	216	100	18.5	57	4	187	218	244					
G2 Genetics	5H-905RRHX	CB,LL	* 227	* 103	18.6	55	4	* 212	234	235	* 245	* 104	224	* 264	* 248
Pioneer	36V53	CB,LL	* 229	* 103	18.6	55	1	* 205	234	248	235	* 102	235	* 244	* 226

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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, LANCASTER = LAN)

			2011								2010				
			Average					Yield (bu/A)			Average		Yield (bu/A)		
Brand	Hybrid	Traits†	Yield (bu/A)	P.I. #	Moist %	Test Wt.	Lodge %	ARL	JAN	LAN	Yield (bu/A)	P.I. #	ARL	JAN	LAN
Croplan Genetics	5237SS	CB,LL,RR,RW	202	97	18.7	56	4	187	195	225	* 237	* 102	243	231	* 236
FS Seed	54VX1	CB,LL,RR,RW	* 236	* 105	18.7	57	1	* 213	* 240	* 256					
NuTech	5N-803	CB,LL,RR,RW	212	98	18.7	56	9	* 208	224	204	221	98	245	205	213
Pioneer	35F48AM1	CB,LL,RR,RW	215	99	18.8	58	6	193	216	237					
AgriGold	A6311GT3Vip	CB,LL,RR,RW	215	100	18.9	57	4	* 204	215	227					
AgriGold	A6319VT3Pro	CB,RR,RW	216	100	18.9	58	3	197	217	235					
FS Seed	54TL2	CB,LL,RR,RW	210	98	18.9	57	4	183	202	244					
G2 Genetics	5H-0201RRHX	CB,LL	* 235	* 104	18.9	54	3	* 218	234	* 252					
Jung	7S555	CB,RR,RW	* 232	* 104	18.9	56	3	* 210	* 247	241	* 243	* 103	* 263	* 260	207
Wyffels	W4267	CB,RR,RW	215	100	19.0	58	2	181	228	235					
Legacy Seeds	L5350	CB,LL,RR,RW	* 226	* 102	19.0	55	6	* 205	225	* 249	* 247	* 104	* 254	* 248	* 238
NK Brand	N53W-3000GT	CB,LL,RR,RW	* 228	* 102	19.0	56	5	* 210	216	* 259	228	99	250	221	212
105-DAY HYBRID TRIAL AVERAGE##					19.1										
AgriGold	A6323GT3	CB,LL,RR,RW	* 223	* 101	19.1	56	6	* 204	208	* 257	* 239	* 102	* 255	233	* 230
Pioneer	P0448XR	CB,LL,RR,RW	* 222	* 101	19.1	58	4	* 215	219	232					
Great Lakes	5339GT3	CB,LL,RR,RW	* 235	* 103	19.1	56	9	* 225	223	* 255					
Pioneer	P0533XR	CB,LL,RR,RW	217	100	19.1	57	5	190	234	227					
Power Plus	2F16AM1	CB,LL,RR,RW	205	98	19.1	56	1	177	219	221					
Wyffels	W4179	CB,LL,RR,RW	192	94	19.2	58	2	145	216	214					
Cornelius	C447VT3	CB,RR,RW	* 222	* 101	19.2	56	5	190	* 239	237	* 238	* 102	248	* 245	222
Renk	RK694GTCBLLRWBL	CB,LL,RR,RW	214	99	19.3	57	4	190	209	242	223	97	250	190	* 230
Partners In Production	5804	CB,LL,RR,RW	219	99	19.3	56	9	199	214	244	* 238	* 102	245	231	* 237
AgriGold	A6329VT3Pro	CB,RR,RW	* 222	100	19.4	57	7	183	232	* 250					
Cornelius	C462-3000GT	CB,LL,RR,RW	* 234	* 104	19.4	55	5	* 223	217	* 261					
Pioneer	P0453HR	CB,LL	* 240	* 105	19.5	55	3	* 228	* 249	242					
Cornelius	C428XTLLRR	CB,LL,RR,RW	210	97	19.5	56	9	167	220	242	* 241	* 102	251	* 255	218
Foundation Direct	8455	None	217	99	19.6	54	8	183	201	* 266					
Pioneer	35F40	CB,LL	* 230	* 103	19.6	58	3	198	* 246	244	* 252	* 104	* 267	* 239	* 249
Golden Harvest	H8239-3111	CB,LL,RR,RW	221	100	19.7	56	6	184	* 245	234					
Renk	RK708VT3P	CB,RR,RW	220	100	19.8	56	4	202	221	236					
Mycogen	2K594	CB,LL,RR,RW	213	98	19.8	56	4	175	229	236	* 252	* 105	* 260	* 255	* 242
Dairyland	ST9903	CB,LL,RR,RW	215	99	20.0	56	3	178	231	236					
Jung	7V570	CB,RR,RW	* 238	* 104	20.1	56	2	* 209	* 252	* 253					
Dekalb	DKC55-09	CB,LL,RR,RW	* 232	* 103	20.3	56	1	* 209	232	* 254					
Mycogen	X20526	CB,LL	221	100	20.6	56	3	202	234	226					
AgriGold	A6359STX	CB,LL,RR,RW	217	99	21.8	55	2	198	224	228					
LG Seeds	LG2535STX	CB,LL,RR,RW	213	98	22.0	55	2	192	208	238					
Cornelius	C459SS	CB,LL,RR,RW	* 229	* 101	22.5	55	3	* 216	230	240					
MEAN			218	100	18.6	57	5	190	225	238	229	100	240	231	215
LSD(0.10)**			18	5	1.1	1	6	24	18	17	16	4	18	26	24

† Traits: CB = Corn Borer, LL = Liberty Link, RR = Roundup Ready, RW = Corn Rootworm, bmr = Brown Mid Rib, lfy = Leafy, ND = Nutri-Dense.

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 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, LANCASTER = LAN)

			2011								2010				
			Average					Yield (bu/A)			Average		Yield (bu/A)		
Brand	Hybrid	Traits†	Yield (bu/A)	P.I. #	Moist %	Test Wt.	Lodge %	ARL	JAN	LAN	Yield (bu/A)	P.I. #	ARL	JAN	LAN
Hughes	5456-3000GT	CB,LL,RR,RW	* 228	* 102	19.1	54	9	* 223	220	242					
AgriGold	A6384VT3Pro	CB,RR,RW	* 227	* 101	19.5	53	8	195	* 251	234					
FS Seed	57SV3	CB,RR,RW	206	97	19.6	54	7	171	233	214	232	100	258	230	206
G2 Genetics	5H-0701RRHX	CB,LL	225	* 101	19.7	56	7	197	242	236					
Legacy Seeds	L5810	CB,LL,RR,RW	* 228	* 101	19.7	54	9	203	243	238					
NuTech	5N-406	CB,LL,RR,RW	222	* 101	19.8	54	7	* 219	218	228					
Croplan Genetics	5757VT3	CB,RR,RW	* 230	* 102	19.8	57	9	204	* 253	233					
G2 Genetics	5H-0601RRHX	CB,LL	* 231	* 103	19.9	56	4	* 218	245	230					
Mycogen	2T698	CB,LL,RR,RW	221	99	20.0	54	10	190	237	236					
Great Lakes	5643VT3Pro	CB,RR,RW	208	96	20.1	53	10	153	239	232					
Dekalb	DKC57-79	CB,RR,RW	218	* 100	20.1	56	4	195	241	219					
Kussmaul	GL-907QuadVip	CB,LL,RR,RW	206	97	20.3	54	9	199	224	196					
Mycogen	X21552	CB,LL,RR,RW	213	98	20.5	54	8	178	217	245					
Mycogen	2C641	RR	209	97	20.6	54	6	197	244	185					
Mycogen	X21671	CB,LL,RR,RW	* 229	* 102	20.7	54	6	195	232	* 260					
Renk	RK744VT3P	CB,RR,RW	* 234	* 104	20.7	55	2	* 220	241	242					
105-DAY HYBRID TRIAL AVERAGE##					20.7										
G2 Genetics	5H-511RRHX	CB,LL	* 243	* 105	21.0	56	5	211	* 256	* 261	* 265	* 106	* 274	* 254	* 267
AgriGold	A6389VT3Pro	CB,RR,RW	* 232	* 103	21.1	55	3	* 222	240	235					
Hughes	6435-3000GT	CB,LL,RR,RW	211	97	21.3	51	6	170	227	236	249	* 103	263	* 244	240
Dairyland	ST9308SSX	CB,LL,RR,RW	219	* 100	21.4	53	2	182	231	244					
Golden Harvest	H8672-3000GT	CB,LL,RR,RW	* 232	* 102	21.5	55	4	* 221	228	* 246	241	101	257	* 252	215
AgriGold	A6476VT3Pro	CB,RR,RW	220	99	21.5	54	9	183	242	235					
Cornelius	C582VT3P	CB,RR,RW	194	93	21.6	54	5	160	202	219					
Dekalb	DKC62-09	CB,RR,RW	* 246	* 105	21.7	54	7	* 220	* 268	* 249					
Mycogen	2P616	CB,LL,RR,RW	214	98	21.7	54	7	192	222	228					
NuTech	5N-1003	CB,LL,RR,RW	213	97	21.7	53	11	174	238	227					
Partners in Production	5006	CB,LL,RR,RW	213	98	21.7	51	4	177	233	230					
Dekalb	DKC57-50	CB,RR,RW	223	* 100	21.8	54	7	202	243	224	237	101	238	* 260	211
FS Seed	58MV4	CB,RR,RW	* 227	* 100	21.9	55	10	185	* 253	243					
Pioneer	P0916XR	CB,LL,RR,RW	223	* 100	21.9	55	4	* 217	239	214	217	95	237	199	216
Lemke	7158-3000GT	CB,LL,RR,RW	203	94	21.9	52	12	165	217	227					
Croplan Genetics	6125VT3	CB,RR,RW	* 233	* 101	22.2	53	8	203	238	* 256	* 253	* 104	266	* 251	* 243
Garst	85V88-3000GT	CB,LL,RR,RW	209	97	22.2	52	6	197	225	205	240	* 102	243	239	237
G2 Genetics	5X-908RRHXT	CB,LL,RR,RW	224	* 100	22.4	55	6	194	240	237	246	101	273	227	237
NuTech	5N-1004	CB,LL,RR,RW	* 236	* 103	22.4	54	5	* 223	242	243					
Dekalb	DKC59-35	CB,RR,RW	226	* 101	22.5	55	3	207	243	229	241	* 102	251	* 241	231
FS Seed	56TV4	CB,RR,RW	* 236	* 103	22.5	55	3	* 228	* 254	227					
110-DAY HYBRID TRIAL AVERAGE##					22.6										
G2 Genetics	5X-909RRHXT	CB,LL,RR,RW	* 240	* 104	22.6	57	4	* 243	243	233	* 271	* 107	* 290	* 263	* 261

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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, LANCASTER = LAN)

			2011								2010				
			Average					Yield (bu/A)			Average		Yield (bu/A)		
Brand	Hybrid	Traits†	Yield (bu/A)	P.I. #	Moist %	Test Wt.	Lodge %	ARL	JAN	LAN	Yield (bu/A)	P.I. #	ARL	JAN	LAN
NK Brand	N68A-3000GT	CB,LL,RR,RW	* 244	* 103	22.7	53	10	214	* 262	* 256					
Renk	RK880SSTX	CB,LL,RR,RW	* 229	* 101	22.8	54	6	214	241	231					
LG Seeds	LG2549VT3	CB,RR,RW	* 231	* 100	22.9	51	9	193	* 263	238	245	101	254	* 251	230
FS Seed	60MV4	CB,RR,RW	226	99	22.9	55	10	178	241	* 258	247	101	269	* 241	231
Renk	RK831VT3P	CB,RR,RW	* 235	* 102	22.9	55	6	214	231	* 258					
Pioneer	P1184XR	CB,LL,RR,RW	* 232	* 102	22.9	56	3	* 228	233	236					
Kussmaul	GL-909Quad	CB,LL,RR,RW	191	91	23.0	52	10	161	203	208					
G2 Genetics	5H-1001RRHX	CB,LL	* 234	* 102	23.1	54	8	214	* 251	238					
Great Lakes	5939G3VT3	CB,RR,RW	215	97	23.1	51	10	194	242	210	250	* 103	251	* 253	* 246
FS Seed	60TV4	CB,RR,RW	* 245	* 104	23.3	54	8	* 219	246	* 271					
Renk	Rk741VT3P	CB,RR,RW	225	* 100	23.3	54	2	214	238	222					
Cornelius	C594VT3P	CB,RR,RW	* 244	* 104	23.3	54	3	* 225	248	* 257					
Wyffels	W5077	CB,RR,RW	226	* 101	23.7	54	2	* 219	245	215					
Dairyland	ST9210SSX	CB,LL,RR,RW	* 240	* 103	23.8	54	6	* 230	241	* 249					
Power Plus	4C58	CB,LL,RR,RW	214	97	24.8	54	3	191	223	230					
Cornelius	C649VT3	CB,RR,RW	200	94	25.3	53	2	165	232	202	247	* 103	254	* 250	238
Pioneer	33T57	CB,LL	226	99	25.3	52	4	202	229	* 248					
Renk	RK858VT3P	CB,RR,RW	* 228	* 100	25.5	53	5	* 220	231	232					
Dekalb	DKC62-97	CB,RR,RW	* 242	* 102	26.4	53	6	* 234	230	* 263					
G2 Genetics	5H-712RRHX	CB,LL	* 232	* 100	26.6	54	8	* 218	241	236					
MEAN			224	100	22.0	54	6	201	238	234	236	100	251	235	222
LSD(0.10)**			19	5	2.1	1	6	28	19	25	19	5	16	25	25

† Traits: CB = Corn Borer, LL = Liberty Link, RR = Roundup Ready, RW = Corn Rootworm, bmr = Brown Mid Rib, lfy = Leafy, ND = Nutri-Dense.

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 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)

			2011								2010				
			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
Unity Seeds	US7789-3000GT	CB,LL,RR,RW	209	101	15.6	56	8	203	234	191					
Carharts Blue Top	CR8992VT3P	CB,RR,RW	214	* 103	15.9	57	3	214	230	197					
Dairyland	ST6494	RR	206	101	16.2	56	6	199	215	203					
Mycogen	2A397	RR	205	101	16.2	56	4	193	214	208	195	101	181	205	* 201
Renk	RK585VT3P	CB,RR,RW	192	98	16.5	57	3	196	198	181					
Legacy Seeds	L3610VT3Pro	CB,RR,RW	195	99	16.5	57	2	204	201	180					
Jung	7V429	CB,RR,RW	204	101	16.7	57	4	205	204	204					
Foundation Direct	8727	None	169	91	16.8	55	6	180	179	147					
Great Lakes	4457VT3Pro	CB,RR,RW	194	98	16.9	58	1	193	211	178					
LG Seeds	LG2478VT3Pro	CB,RR,RW	197	99	16.9	56	5	192	205	196	194	101	186	* 221	176
NuTech	3A-9901	RR	205	100	17.0	54	6	209	212	194					
AgriGold	A6220VT3Pro	CB,RR,RW	205	101	17.0	57	3	203	212	200	188	99	180	209	173
Pioneer	38A55	RR	176	94	17.1	60	1	193	174	162					
Dekalb	DKC48-37	CB,RR,RW	186	96	17.3	57	1	201	180	176	181	98	172	204	167
Mycogen	2P486	CB,LL,RR,RW	205	100	17.4	55	3	198	223	193	185	99	180	184	190
Kussmaul	GL-999QuadVip	CB,LL,RR,RW	* 220	* 104	17.4	56	7	208	233	219					
Pioneer	P9630AM1	CB,LL,RR,RW	200	98	17.5	56	9	190	227	182					
Legacy Seeds	L3910	CB,LL,RR,RW	* 227	* 105	17.5	56	9	* 221	* 241	218					
AgriGold	A6203VT3	CB,RR,RW	193	98	17.6	57	2	207	215	156					
Dekalb	DKC45-51	CB,LL,RR,RW	202	100	17.6	55	4	185	215	208					
Dairyland	ST9395SSX	CB,LL,RR,RW	195	98	17.6	55	4	183	209	193					
Channel	196-06VT3P	CB,RR,RW	212	102	17.7	56	1	207	230	200					
95-DAY HYBRID TRIAL AVERAGE##					17.7										
NuTech	5N-197	CB,LL,RR,RW	212	102	17.8	56	7	212	222	203	* 215	* 105	* 207	* 235	* 204
G2 Genetics	5H-797RRHX	CB,LL	199	99	17.8	54	1	203	218	176	179	97	160	189	187
Cornelius	C307	None	192	97	17.8	57	2	203	201	172					
Dekalb	DKC48-12	CB,LL,RR,RW	* 222	* 105	17.9	54	1	196	230	* 239					
FS Seed	48S44	CB,LL,RR,RW	217	* 103	17.9	56	7	* 215	225	212					
Garst	88U62-3000GT	CB,LL,RR,RW	192	96	17.9	55	10	188	216	172					
Pioneer	P9917XR	CB,LL,RR,RW	215	102	18.0	56	7	208	* 254	182					
LG Seeds	LG2501VT3Pro	CB,RR,RW	208	101	18.0	57	4	207	225	191					
Foundation Direct	8822GT	RR	185	95	18.0	56	4	203	197	157					
Carharts Blue Top	CG9780-3000GT	CB,LL,RR,RW	* 218	* 103	18.1	56	6	* 215	* 244	196					
Pioneer	P9910AM1	CB,LL,RR,RW	* 223	* 105	18.1	53	0	* 226	225	218					
Dairyland	ST9399	CB,LL,RR,RW	205	100	18.2	56	6	201	223	192					
Great Lakes	4689G3VT3	CB,RR,RW	199	99	18.2	56	2	199	216	181					
Mycogen	X21458	CB,LL,RR	184	95	18.2	58	5	185	199	168					
Croplan Genetics	4022RR	RR	* 223	* 104	18.2	57	6	193	* 239	* 235					
Jung	7475VT3	CB,RR,RW	209	102	18.2	56	1	210	197	219	189	99	187	195	186
Lemke	4047-3000GT	CB,LL,RR,RW	* 218	* 103	18.3	56	5	* 217	* 241	197					

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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)

			2011								2010				
			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
G2 Genetics	5X-999HXT	CB,LL,RW	183	95	18.3	55	2	187	189	172					
Pioneer	37Y14	CB,LL,RR,RW	202	99	18.3	56	5	* 218	214	176	199	* 102	* 205	211	182
G2 Genetics	5H-597RRHX	CB,LL	214	102	18.4	55	5	206	214	221	199	* 102	186	* 222	189
Jung	7S405	CB,LL,RR,RW	211	102	18.4	55	0	204	206	222					
Partners In Production	4198	CB,LL,RR,RW	204	99	18.4	55	7	201	218	191					
Renk	RK565GTCBLLRW	CB,LL,RR,RW	201	98	18.5	56	7	203	221	178	194	100	* 196	203	184
Cornelius	C280-3000GT	CB,LL,RR,RW	* 220	* 104	18.5	55	8	205	227	* 229					
Cornelius	C282	None	207	101	18.5	56	4	206	208	208					
NK Brand	N39M-3111	CB,LL,RR,RW	193	97	18.5	54	3	197	199	183					
Lemke	5160	None	* 237	* 108	18.6	56	2	* 231	221	* 259	199	101	* 194	* 226	178
Mycogen	2G500	CB,LL,RR,RW	213	102	18.6	56	6	202	231	207					
100-DAY HYBRID TRIAL AVERAGE##					18.7										
G2 Genetics	5X-895RRHXT	CB,LL,RR,RW	213	102	18.8	53	0	* 216	227	196					
NuTech	5X-0001	CB,LL,RW	197	98	18.8	56	1	211	215	165					
Cornelius	C285VT3P	CB,RR,RW	215	102	18.9	57	3	207	* 235	203					
O'Brien	OB4980GT3	CB,LL,RR,RW	196	98	18.9	55	4	204	198	187					
Croplan Genetics	4033VT3P	CB,RR,RW	209	100	19.0	55	9	200	* 243	184					
Dekalb	DKC49-94	CB,LL,RR,RW	193	98	19.0	56	0	212	193	176					
Pioneer	P9807HR	CB,LL	212	102	19.1	54	3	207	* 235	195					
Carharts Blue Top	CR9910VT3P	CB,RR,RW	200	99	19.1	56	1	197	214	190					
AgriGold	A6192STX	CB,LL,RR,RW	206	100	19.2	57	3	202	216	199	193	100	193	200	187
Mycogen	2H490	CB,LL,RR,RW	213	102	19.3	55	1	206	216	219	195	99	171	* 228	187
Legacy Seeds	L4010	CB,RR,RW	197	98	19.4	56	1	203	216	170					
Channel	199-55VT3	CB,RR,RW	216	* 103	19.4	54	1	200	227	222	* 215	* 105	* 205	* 227	* 211
Dekalb	DKC46-07	CB,LL,RR,RW	186	96	19.4	57	0	195	186	177					
FS Seed	49SX1	CB,LL,RR,RW	217	* 103	19.5	56	3	* 221	234	197	181	96	* 197	185	160
NuTech	5N-001	CB,LL,RR,RW	214	102	19.6	52	2	193	232	217	* 207	* 102	* 197	212	* 211
Great Lakes	5157G3VT3	CB,RR,RW	* 231	* 106	19.8	55	4	* 217	* 253	223					
Unity Seeds	US7600-3000GT	CB,LL,RR,RW	214	102	19.8	52	3	202	232	208					
Croplan Genetics	4338SS	CB,LL,RR,RW	214	102	20.0	54	2	211	217	213					
Jung	7S435	CB,LL,RR,RW	203	99	20.1	56	1	192	214	203					
FS Seed	50SV4	CB,RR,RW	188	95	20.2	56	1	* 218	202	144					
AgriGold	A6256STX	CB,LL,RR,RW	203	99	20.3	55	2	195	208	207					
Renk	RK580SSTX	CB,LL,RR,RW	165	90	20.5	55	0	195	174	128					
MEAN			204	100	18.2	56	4	203	216	194	193	100	191	209	181
LSD(0.10)**			19	5	0.9	1	5	16	19	33	14	4	20	22	20

† Traits: CB = Corn Borer, LL = Liberty Link, RR = Roundup Ready, RW = Corn Rootworm, bmr = Brown Mid Rib, lfy = Leafy, ND = Nutri-Dense.

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 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)

			2011								2010				
			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
NuTech	5B-0205	CB,LL,RR	216	* 100	18.3	58	2	201	211	* 236					
NuTech	5N-102	CB,LL,RR,RW	204	97	18.5	57	3	197	203	211	191	98	195	200	179
Channel	201-79VT3P	CB,RR,RW	204	97	18.5	56	3	187	216	209					
Renk	RK670VT3	CB,RR,RW	205	98	18.6	55	1	194	214	206	* 204	* 101	* 209	201	* 200
Trelay	5VP688	CB,RR,RW	215	99	18.7	55	4	201	231	212	* 204	* 102	* 210	205	* 198
Pioneer	P0115AM1	CB,LL,RR,RW	* 227	* 102	18.7	56	3	* 226	226	229					
G2 Genetics	5H-501RRHX	CB,LL	211	99	19.0	56	3	204	210	219					
Cornelius	C341	None	* 234	* 104	19.0	57	3	215	235	* 254					
Dekalb	DKC52-59	CB,RR,RW	202	97	19.1	55	3	195	206	206	* 211	* 104	* 228	206	* 197
Mycogen	X12501RR	RR	211	99	19.1	54	0	215	211	206					
FS Seed	53TV4	CB,RR,RW	* 233	* 104	19.5	56	1	196	* 267	* 236					
G2 Genetics	5H-0101RRHX	CB,LL	* 234	* 104	19.5	53	2	* 217	* 257	228					
Carharts Blue Top	CG102-3000GT	CB,LL,RR,RW	213	99	19.7	56	4	214	205	220					
Croplan Genetics	5338VT3P	CB,RR,RW	* 230	* 103	19.7	55	1	* 219	227	* 245					
100-DAY HYBRID TRIAL AVERAGE##					19.8										
Renk	RK698VT3	CB,RR,RW	217	* 100	19.9	56	1	211	239	202	* 205	* 101	205	226	183
Dairyland	ST9303SSX	CB,LL,RR,RW	213	98	19.9	55	6	203	226	208					
Kussmaul	GL-802Quad	CB,LL,RR,RW	218	* 100	19.9	53	1	205	224	226					
Mycogen	2H566	CB,LL,RR,RW	216	98	20.0	55	11	194	231	224					
Trelay	6VP125	CB,RR,RW	198	95	20.0	55	2	182	220	191					
AgriGold	A6276VT3	CB,RR,RW	219	* 100	20.0	56	0	* 219	252	186	* 204	* 101	* 207	232	171
Dairyland	ST9500SSX	CB,LL,RR,RW	* 228	* 102	20.0	56	1	198	230	* 257					
Pioneer	36V53	CB,LL	218	* 100	20.0	54	1	212	223	219	* 209	* 103	* 216	211	* 201
NuTech	5N-803	CB,LL,RR,RW	* 234	* 103	20.2	54	3	198	* 274	229	197	99	* 212	208	170
Unity Seeds	US7801-3000GT	CB,LL,RR,RW	* 226	* 102	20.2	55	1	* 217	234	226					
G2 Genetics	5H-502RRHX	CB,LL	216	* 100	20.4	55	0	* 221	220	207	* 207	* 102	202	224	* 196
Partners In Production	5001	CB,LL,RR,RW	* 226	* 101	20.4	55	3	* 216	224	* 236					
O'Brien	OB5102-3111	CB,LL,RR,RW	203	97	20.5	55	1	213	197	200					
Renk	RK694GTCBLLRWBL	CB,LL,RR,RW	* 226	* 101	20.5	55	3	* 220	223	* 235	* 210	* 102	* 210	207	* 211
FS Seed	54TL2	CB,LL,RR,RW	* 226	* 101	20.6	55	2	214	241	223					
Renk	RK708VT3P	CB,RR,RW	* 221	* 100	20.6	55	4	208	237	219					
Legacy Seeds	L4310	CB,LL,RR,RW	210	98	20.7	55	1	214	208	208					
Trelay	6VT154	CB,RR,RW	* 224	* 101	20.7	55	3	205	239	227	199	* 100	200	215	182
FS Seed	54VX1	CB,LL,RR,RW	* 222	* 101	20.8	54	2	209	235	222					
G2 Genetics	5X-903HXT	CB,LL,RW	* 228	* 102	20.8	53	2	214	237	231					

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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)

			2011								2010				
			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
LG Seeds	LG2510STX	CB,LL,RR,RW	* 235	* 103	20.8	55	2	211	251	* 242	* 217	* 104	* 222	224	* 206
FS Seed	52SV3	CB,RR,RW	* 223	* 100	20.9	54	5	214	239	216	199	99	* 213	218	167
Croplan Genetics	5438SS	CB,LL,RR,RW	* 221	* 101	20.9	54	0	211	239	213					
Garst	87W95GTCBLL	CB,LL,RR	204	96	21.2	54	3	210	192	212					
Croplan Genetics	5237SS	CB,LL,RR,RW	200	96	21.2	54	0	192	200	208	187	96	184	199	178
105-DAY HYBRID TRIAL AVERAGE##					21.3										
Cornelius	C462	None	215	99	21.4	54	0	204	236	204					
G2 Genetics	5H-905RRHX	CB,LL	* 222	* 100	21.4	53	2	213	234	220	* 202	* 100	* 227	195	183
G2 Genetics	5H-0601RRHX	CB,LL	* 239	* 104	21.4	55	3	* 231	* 261	225					
G2 Genetics	5H-0201RRHX	CB,LL	* 236	* 103	21.5	52	5	* 225	247	* 238					
Lemke	6117-3000GT	CB,LL,RR,RW	* 224	* 101	21.6	54	2	* 224	251	196					
Pioneer	35F40	CB,LL	* 231	* 101	21.7	56	6	* 219	240	* 233	* 216	* 103	* 228	216	* 205
Renk	RK619SSTX	CB,LL,RR,RW	210	97	21.8	54	1	196	231	202	* 203	* 101	* 213	201	* 195
Kussmaul	GL-905Quad	CB,LL,RR,RW	218	99	21.8	53	1	211	226	216					
Pioneer	P0448XR	CB,LL,RR,RW	218	99	21.9	56	0	215	214	224					
Legacy Seeds	L5350	CB,LL,RR,RW	* 232	* 102	22.0	53	2	194	* 266	* 235	* 207	* 101	* 214	235	171
Golden Harvest	H8239-3111	CB,LL,RR,RW	* 223	* 100	22.1	54	2	205	235	229					
NK Brand	N53W-3000GT	CB,LL,RR,RW	* 226	* 101	22.1	52	1	193	254	* 232	* 206	* 101	* 213	228	178
Trelay	6ST576	CB,LL,RR,RW	* 228	* 101	22.1	53	1	* 220	248	215	* 211	* 102	* 207	* 244	180
CB Seeds	5626	RR	* 237	* 103	22.3	53	1	212	* 257	* 243					
Pilgrim	1040-3000GT	CB,LL,RR,RW	212	97	22.4	53	1	201	245	189					
Pioneer	35F44	CB,LL,RR,RW	206	96	22.5	56	1	210	201	208					
Mycogen	2A551	CB,LL,RR,RW	203	95	22.7	53	4	* 224	201	185	184	96	199	189	164
NuTech	5N-406	CB,LL,RR,RW	* 235	* 102	23.0	52	4	* 230	* 258	218					
Dairyland	ST9903	CB,LL,RR,RW	210	97	23.0	53	1	203	216	210					
FS Seed	56TV4	CB,RR,RW	* 235	* 103	23.5	54	0	* 221	250	* 234					
Dairyland	ST9206SSX	CB,LL,RR,RW	220	98	23.7	53	6	201	244	214					
Trelay	6ST620	CB,LL,RR,RW	* 225	* 100	23.8	53	1	* 219	238	218					
MEAN			220	100	20.8	54	2	209	231	219	201	100	207	214	184
LSD(0.10)**			18	4	1.2	1	3	15	18	25	17	4	21	21	20

† Traits: CB = Corn Borer, LL = Liberty Link, RR = Roundup Ready, RW = Corn Rootworm, bmr = Brown Mid Rib, lfy = Leafy, ND = Nutri-Dense.

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

90 DAY RELATIVE MATURITY OR EARLIER, BASED ON COMPANY RATING (CHIPPEWA FALLS = CHP, MARSHFIELD = MAR, SEYMOUR = SEY, VALDERS = VAL)

			2011									2010					
			Average					Yield (bu/A)				Average		Yield (bu/A)			
Brand	Hybrid	Traits†	Yield (bu/A)	P.I. #	Moist %	Test Wt.	Lodge %	CHP	MAR	SEY	VAL	Yield (bu/A)	P.I. #	CHP	MAR	SEY	VAL
Jung	7236VT3	CB,RR,RW	158	98	16.4	56	3	165	178	144	144	162	98	187	155	* 143	163
Legend Seeds	9090-3000GT	CB,LL,RR,RW	* 182	* 103	17.2	53	8	* 207	* 202	* 189	131						
Dekalb	DKC35-43	CB,RR,RW	164	* 99	17.3	56	3	179	158	* 184	135						
Renk	RK302GTCBLLRW	CB,LL,RR,RW	* 176	* 101	17.3	53	8	* 206	* 203	169	127						
Partners In Production	3190	CB,LL,RR,RW	* 178	* 103	17.4	53	6	* 207	* 189	* 184	135						
Dairyland	ST9085	CB,LL,RR,RW	* 177	* 102	17.5	55	6	* 215	* 184	* 175	133						
Dekalb	DKC36-34	CB,RR,RW	* 167	* 100	17.6	55	3	183	* 190	159	135	166	99	189	* 182	118	173
FS Seed	34SV3	CB,RR,RW	147	94	17.6	54	2	172	149	143	123	150	94	186	143	108	164
Garst	89J14-3000GT	CB,LL,RR,RW	166	98	17.7	55	9	190	* 188	* 175	112						
Carharts Blue Top	CR1185RR	RR	165	* 99	17.8	54	8	190	146	171	153						
Unity Seeds	US7789-3000GT	CB,LL,RR,RW	* 183	* 104	17.8	53	9	* 209	* 192	* 176	155						
Dahlman	R4330GENVT3P	CB,RR,RW	* 169	* 100	17.8	53	5	175	* 202	* 175	125						
Munson	5033-3000GT	CB,LL,RR,RW	* 177	* 102	18.0	52	8	* 216	* 184	156	153						
85-DAY HYBRID TRIAL AVERAGE##					18.0												
Munson	14230-3000GT	CB,LL,RR,RW	* 176	* 101	18.0	54	10	* 213	176	152	162	162	97	194	158	* 145	153
NuTech	5N-290	CB,LL,RR,RW	* 178	* 102	18.0	52	6	* 208	* 188	* 186	131						
Dahlman	R4466RR	RR	* 179	* 103	18.1	54	3	193	* 209	166	149	* 181	* 103	* 215	* 190	141	180
Foundation Direct	8830	None	* 167	* 99	18.1	53	10	178	169	164	157	* 181	* 102	* 210	* 179	* 147	188
Munson	4485-3000GT	CB,LL,RR,RW	* 176	* 102	18.1	55	8	189	177	* 185	154						
Munson	4215GT	RR	* 174	* 102	18.2	54	6	184	* 186	* 178	149	155	96	171	155	135	161
Lemke	2027-3000GT	CB,LL,RR,RW	* 172	* 101	18.2	54	6	191	183	163	151						
FS Seed	38S30	RR	* 179	* 102	18.2	54	7	192	* 199	* 201	126						
G2 Genetics	5H-8901RRHX	CB,LL	152	95	18.3	55	4	172	173	133	132						
Golden Harvest	H6276-3000GT	CB,LL,RR,RW	159	96	18.3	54	10	188	* 185	127	134	155	94	167	144	137	171
Dekalb	DKC39-07	CB,RR	* 178	* 102	18.3	52	5	194	* 209	* 174	136						
Pilgrim	87-3000GT	CB,LL,RR,RW	* 176	* 101	18.3	52	11	189	175	* 190	151						
Lemke	3150	None	161	97	18.3	52	9	184	181	155	125						
Mycogen	2T224	CB,LL,RR,RW	161	97	18.4	53	5	185	181	146	131	173	100	204	168	121	* 198
G2 Genetics	5H-8902RRHX	CB,LL	* 170	* 99	18.5	54	8	* 205	179	166	130						
Jung	7V316	CB,RR,RW	* 173	* 101	18.5	54	4	183	* 193	* 184	131	172	100	* 211	160	* 149	168
Legend Seeds	30J190	None	* 170	* 99	18.5	53	9	182	* 188	* 194	116						
90-DAY HYBRID TRIAL AVERAGE##					18.6												
Jung	7V191	CB,RR,RW	* 167	* 99	18.6	54	4	186	* 191	151	141						
Great Lakes	4041G3VT3	CB,RR,RW	* 181	* 104	18.6	54	3	195	* 191	* 182	158	* 181	* 103	202	* 184	* 149	189
Dairyland	ST9789VT3	CB,RR,RW	* 167	* 100	18.6	54	4	168	173	* 179	148						
O'Brien	OB4902GT3	CB,LL,RR,RW	* 174	* 100	18.6	52	9	* 213	181	* 173	128						
NuTech	5N-186	CB,LL,RR,RW	161	97	18.7	53	7	172	169	154	147	164	97	204	149	133	168
Mycogen	2G192	CB,LL,RR	* 178	* 102	18.8	53	8	* 203	* 202	161	146						
Great Lakes	3872RR	RR	157	97	18.8	53	5	131	169	170	158						
Dairyland	ST9789SSX	CB,LL,RR,RW	161	98	18.9	52	3	174	159	163	147						

CONTINUED.

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

90 DAY RELATIVE MATURITY OR EARLIER, BASED ON COMPANY RATING (CHIPPEWA FALLS = CHP, MARSHFIELD = MAR, SEYMOUR = SEY, VALDERS = VAL)

			2011									2010					
			Average					Yield (bu/A)				Average		Yield (bu/A)			
Brand	Hybrid	Traits†	Yield (bu/A)	P.I. #	Moist %	Test Wt.	Lodge %	CHP	MAR	SEY	VAL	Yield (bu/A)	P.I. #	CHP	MAR	SEY	VAL
LG Seeds	LG2411VT3	CB,RR,RW	* 172	* 99	18.9	54	9	196	* 208	146	138	* 183	* 104	205	* 187	139	* 202
Kussmaul	GL-890Quad	CB,LL,RR,RW	* 173	* 100	18.9	53	10	* 202	177	* 174	138						
Lemke	3117VT3	CB,RR,RW	* 179	* 103	18.9	53	4	182	* 195	* 191	150						
Dairyland	ST9286SSX	CB,LL,RR,RW	163	98	19.0	53	4	177	183	142	152						
Carharts Blue Top	CR8992VT3P	CB,RR,RW	* 180	* 103	19.0	53	2	* 217	* 208	159	135						
Dahlman	R4546RR	RR	* 184	* 103	19.1	54	9	192	* 205	* 175	163	* 186	* 104	* 214	* 180	* 151	* 199
Pilgrim	8900GT	RR	166	98	19.1	52	10	181	* 192	167	126						
Pioneer	P8906HR	CB,LL	* 180	* 102	19.2	54	10	* 217	* 186	121	* 193						
Dahlman	R4530GENVT3P	CB,RR,RW	165	98	19.6	54	3	197	163	* 182	119						
NK Brand	N27B-3111	CB,LL,RR,RW	165	97	19.7	52	11	164	* 184	* 175	138						
NuTech	5N-9001	CB,LL,RR,RW	* 168	98	20.4	53	8	180	169	* 176	146						
MEAN			170	100	18.3	53	7	190	184	167	141	171	100	200	167	140	177
LSD(0.10)**			17	5	1.2	1	5	16	25	28	28	13	4	20	22	24	15

† Traits: CB = Corn Borer, LL = Liberty Link, RR = Roundup Ready, RW = Corn Rootworm, bmr = Brown Mid Rib, lfy = Leafy, ND = Nutri-Dense.

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 12. North Central Zone - Late Maturity Grain Trial. (page 1 of 3)

91 DAY RELATIVE MATURITY OR LATER, BASED ON COMPANY RATING (CHIPPEWA FALLS = CHP, MARSHFIELD = MAR, SEYMOUR = SEY, VALDERS = VAL)

			2011									2010					
			Average					Yield (bu/A)				Average		Yield (bu/A)			
Brand	Hybrid	Traits†	Yield (bu/A)	P.I. #	Moist %	Test Wt.	Lodge %	CHP	MAR	SEY	VAL	Yield (bu/A)	P.I. #	CHP	MAR	SEY	VAL
Legacy Seeds	L2999	CB,LL,RR,RW	* 179	* 101	16.9	52	6	* 214	* 193	* 187	121						
Pilgrim	91-3000GT	CB,LL,RR,RW	* 179	* 101	17.1	51	7	190	187	* 202	137						
NK Brand	N29T-3000GT	CB,LL,RR,RW	171	99	17.6	51	4	* 202	153	* 190	139						
Garst	88R16-3000GT	CB,LL,RR,RW	* 180	* 102	18.5	53	4	* 203	182	177	158						
Pioneer	38N88	CB,LL	* 179	* 102	18.6	54	1	189	* 196	163	* 168						
G2 Genetics	5H-492RRHX	CB,LL	163	95	18.7	52	5	184	* 205	162	103						
Croplan Genetics	3390VT3P	CB,RR,RW	* 182	* 102	18.7	54	2	181	174	* 192	* 178						
Dairyland	ST7291	CB,LL	173	99	18.8	51	5	197	167	* 183	143						
90-DAY HYBRID TRIAL AVERAGE##					18.8												
Dekalb	DKC42-72	CB,RR,RW	175	* 101	18.8	52	1	182	176	* 189	155	* 182	* 103	212	* 187	* 154	177
Mycogen	X20337	CB,LL	175	* 100	18.9	51	4	* 210	164	169	155						
FS Seed	43SV4	CB,RR,RW	* 177	* 101	18.9	51	3	* 203	167	171	* 167						
Dairyland	ST6494	RR	* 185	* 103	19.0	53	4	192	* 197	* 190	163	* 186	* 102	212	* 198	* 157	176
Croplan Genetics	3114VT3	CB,RR,RW	166	97	19.0	53	6	167	192	162	145	173	99	204	177	129	179
Mycogen	2J337	CB,RR,RW	164	96	19.1	53	6	163	191	172	131	170	98	203	181	109	187
G2 Genetics	5X-9101RRHXT	CB,LL,RR,RW	* 179	* 101	19.1	52	4	* 204	167	175	* 168						
Dekalb	DKC43-27	CB,RR,RW	170	98	19.2	53	5	188	175	179	136	171	100	184	175	147	179
Renk	RK434VT3P	CB,RR,RW	* 185	* 103	19.3	53	3	188	* 193	* 194	164						
Munson	5237VT3P	CB,RR,RW	* 186	* 103	19.4	53	2	191	188	* 202	* 165						
Croplan Genetics	3632AS3000GT	CB,LL,RR,RW	* 179	* 100	19.5	51	6	190	* 197	177	152						
Legend Seeds	9195VT2P	CB,RR	165	97	19.5	53	1	173	172	152	163						
Dairyland	ST9992	CB,RR,RW	* 184	* 102	19.7	53	5	193	* 194	* 201	147						
LG Seeds	LG2414	None	171	99	19.7	53	2	191	165	* 183	144						
G2 Genetics	5X-795RRHXT	CB,LL,RR,RW	* 179	* 101	19.8	52	1	190	172	* 186	* 170						
Legacy Seeds	L3009	CB,RR,RW	* 185	* 103	19.8	53	3	180	* 212	* 189	161						
Renk	RK570VT3	CB,RR,RW	173	99	19.8	52	5	173	183	* 190	147	* 182	* 102	* 225	178	135	191
G2 Genetics	5H-797RRHX	CB,LL	* 192	* 105	19.8	52	1	194	* 200	* 186	* 187	176	99	221	175	131	176
Lemke	4097VT3	CB,RR,RW	174	99	19.9	51	7	188	170	* 188	152						
Great Lakes	4282VT3Pro	CB,RR,RW	* 183	* 102	20.0	53	4	197	* 203	* 184	148						
Jung	7V360	CB,RR,RW	* 178	* 100	20.1	52	5	180	184	* 198	148						
Dahlman	R4830GENVT3P	CB,RR,RW	174	99	20.1	53	3	183	183	* 195	134						
Trelay	4VP643	CB,RR,RW	* 189	* 104	20.2	52	1	197	* 194	* 193	* 171						
Golden Harvest	H7105-3000GT	CB,LL,RR,RW	* 180	* 100	20.2	52	6	* 205	191	* 188	136						
Pioneer	P9630AM1	CB,LL,RR,RW	* 178	99	20.2	52	7	* 207	186	172	148						
Munson	5396VT3P	CB,RR,RW	171	98	20.3	53	2	192	176	175	141						
Pioneer	P9910AM1	CB,LL,RR,RW	* 182	* 102	20.4	50	1	199	176	* 189	* 165						
Renk	RK585VT3P	CB,RR,RW	175	99	20.4	53	2	190	156	* 192	161						
G2 Genetics	5X-895RRHXT	CB,LL,RR,RW	* 180	* 101	20.4	50	1	* 200	176	* 183	161	* 188	* 103	* 234	* 193	* 148	177
Kussmaul	GL-993Quad	CB,LL,RR,RW	168	96	20.4	51	8	* 210	171	153	137						
Renk	RK530VT3P	CB,RR,RW	163	96	20.5	54	2	171	162	162	158						

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Table 12 (continued). North Central Zone - Late Maturity Grain Trial. (page 2 of 3)

91 DAY RELATIVE MATURITY OR LATER, BASED ON COMPANY RATING (CHIPPEWA FALLS = CHP, MARSHFIELD = MAR, SEYMOUR = SEY, VALDERS = VAL)

			2011									2010					
			Average					Yield (bu/A)				Average		Yield (bu/A)			
Brand	Hybrid	Traits†	Yield (bu/A)	P.I. #	Moist %	Test Wt.	Lodge %	CHP	MAR	SEY	VAL	Yield (bu/A)	P.I. #	CHP	MAR	SEY	VAL
Pioneer	P9917XR	CB,LL,RR,RW	* 189	* 103	20.5	53	6	* 210	180	* 190	* 177						
95-DAY HYBRID TRIAL AVERAGE##					20.6												
Trelay	4ST458	CB,LL,RR,RW	174	99	20.7	51	1	184	169	* 184	159						
Legacy Seeds	L3610VT3Pro	CB,RR,RW	* 185	* 102	20.8	52	4	198	175	* 196	* 170	* 186	* 102	223	* 191	138	191
Legacy Seeds	L3110	CB,RR,RW	175	* 100	20.8	54	1	191	173	167	* 168						
Croplan Genetics	4022RR	RR	* 189	* 102	20.9	54	8	196	* 208	180	* 172						
Pioneer	P9623HR	CB,LL	* 186	* 102	21.0	54	3	* 209	189	180	* 165						
FS Seed	48S44	CB,LL,RR,RW	* 186	* 101	21.0	52	9	195	185	* 201	162						
NuTech	3A-9901	RR	169	97	21.1	49	6	169	184	* 183	141						
Kussmaul	GL-995Quad	CB,LL,RR,RW	* 182	* 100	21.2	50	5	199	191	* 192	146						
Partners in Production	4096	CB,LL,RR	* 183	* 102	21.2	53	2	195	* 201	166	* 173						
Trelay	5VP688	CB,RR,RW	* 184	* 101	21.2	50	8	192	* 193	* 191	161	* 192	* 103	* 236	183	145	* 202
Munson	5720-3000GT	CB,LL,RR,RW	* 180	* 100	21.3	52	7	196	186	* 185	152						
Dairyland	ST9395SSX	CB,LL,RR,RW	* 177	99	21.3	51	7	189	158	* 202	160	* 192	* 105	* 232	* 190	* 150	195
Croplan Genetics	4033VT3P	CB,RR,RW	* 191	* 103	21.3	52	4	* 203	* 204	* 203	154						
Legacy Seeds	L4010	CB,RR,RW	* 180	* 101	21.3	54	1	185	190	168	* 177						
Croplan Genetics	3514VT3	CB,RR,RW	* 184	* 102	21.4	53	2	175	* 193	* 184	* 183	* 183	* 101	224	* 191	120	195
Pioneer	37Y14	CB,LL,RR,RW	166	97	21.4	52	3	180	167	167	152	180	99	* 242	173	127	178
Carharts Blue Top	CR9910VT3P	CB,RR,RW	* 181	* 101	21.4	53	2	199	181	175	* 168						
Legacy Seeds	L3910	CB,LL,RR,RW	* 177	99	21.4	52	7	* 201	176	169	163						
Trelay	4VP726	CB,RR,RW	* 177	* 100	21.5	54	3	184	185	170	* 169	169	97	214	170	115	179
Pilgrim	95-3000GT	CB,LL,RR,RW	175	98	21.5	51	8	192	179	175	155						
Carharts Blue Top	CG9780-3000GT	CB,LL,RR,RW	* 188	* 102	21.6	52	8	* 204	188	* 209	153						
G2 Genetics	5H-597RRHX	CB,LL	* 184	* 101	21.6	52	5	176	* 196	179	* 186	* 185	* 101	219	184	139	* 199
Dekalb	DKC45-51	CB,LL,RR,RW	* 180	* 100	21.8	52	2	176	188	178	* 176						
NuTech	5N-197	CB,LL,RR,RW	* 182	* 100	22.0	52	7	* 209	178	* 187	153	* 182	100	224	175	* 148	180
Partners In Production	4097	CB,LL,RR,RW	* 187	* 101	22.2	52	8	* 206	168	* 199	* 176						
NuTech	5X-0001	CB,LL,RW	* 179	* 100	22.3	52	3	177	178	179	* 184						
100-DAY HYBRID TRIAL AVERAGE##					22.4												
Croplan Genetics	3424SS	CB,LL,RR,RW	* 179	* 100	22.5	51	2	184	178	* 188	* 165	176	99	207	185	126	184
G2 Genetics	5H-501RRHX	CB,LL	* 183	* 100	22.7	52	5	187	* 196	169	* 180	155	92	201	158	98	163
Dekalb	DKC46-07	CB,LL,RR,RW	168	97	22.7	53	2	173	167	169	162						
Renk	RK565GTCBLLRW	CB,LL,RR,RW	* 183	* 100	22.8	51	10	187	189	* 187	* 170	178	98	209	176	134	192
Munson	5857-3000GT	CB,LL,RR,RW	* 184	* 100	22.8	51	11	190	190	* 184	* 173						
Trelay	6VP125	CB,RR,RW	176	98	23.0	51	7	191	170	* 198	143						
G2 Genetics	5X-999HXT	CB,LL,RW	166	96	23.0	53	1	169	180	141	* 175						
Dairyland	ST9399	CB,LL,RR,RW	* 179	98	23.1	51	9	185	* 193	181	156						
Legend Seeds	5901	None	175	99	23.1	52	1	184	185	165	* 167						
Munson	6053SS	CB,LL,RR,RW	169	97	23.1	51	1	165	157	* 186	* 167						
Trelay	6VT154	CB,RR,RW	* 191	* 102	23.3	51	5	* 208	* 194	* 192	* 169						

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Table 12 (continued). North Central Zone - Late Maturity Grain Trial. (page 3 of 3)

91 DAY RELATIVE MATURITY OR LATER, BASED ON COMPANY RATING (CHIPPEWA FALLS = CHP, MARSHFIELD = MAR, SEYMOUR = SEY, VALDERS = VAL)

			2011									2010					
			Average					Yield (bu/A)				Average		Yield (bu/A)			
Brand	Hybrid	Traits†	Yield (bu/A)	P.I. #	Moist %	Test Wt.	Lodge %	CHP	MAR	SEY	VAL	Yield (bu/A)	P.I. #	CHP	MAR	SEY	VAL
Legend Seeds	5096	None	* 180	98	23.4	51	10	179	190	* 199	151						
Unity Seeds	US7801-3000GT	CB,LL,RR,RW	* 182	* 100	23.6	51	4	195	183	169	* 179						
Unity Seeds	US7600-3000GT	CB,LL,RR,RW	* 182	99	24.0	49	5	197	176	* 200	156						
G2 Genetics	5H-0101RRHX	CB,LL	* 181	* 100	24.0	50	1	* 202	182	163	* 178						
NuTech	5N-001	CB,LL,RR,RW	174	97	24.0	49	5	182	187	160	* 166	180	98	216	* 190	120	193
Croplan Genetics	4338SS	CB,LL,RR,RW	* 182	* 100	25.2	50	2	189	166	* 192	* 182						
MEAN			178	100	20.8	52	4	190	182	182	159	179	100	217	179	135	186
LSD(0.10)**			15	5	1.7	1	5	14	19	27	22	14	4	17	22	24	17

† Traits: CB = Corn Borer, LL = Liberty Link, RR = Roundup Ready, RW = Corn Rootworm, bmr = Brown Mid Rib, lfy = Leafy, ND = Nutri-Dense.

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 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)

			2011											2010					
			Average					Yield (bu/A)						Average		Yield (bu/A)			
Brand	Hybrid	Traits†	Yield (bu/A)	P.I. #	Moist %	Test Wt.	Lodge %	COL	MAR	SPD	SPI	SPS		Yield (bu/A)	P.I. #	COL	SPD	SPI	SPS
Dekalb	DKC30-20	CB,RR,RW	134	91	15.6	57	2	115	155	139	130	130		143	91	136	129	158	149
Dahlman	R4010	None	139	92	15.8	56	3	117	169	142	132	135							
Pioneer	P8640HR	CB,LL	154	96	16.6	52	3	130	178	159	159	144							
80-DAY HYBRID TRIAL AVERAGE##					16.6														
G2 Genetics	5H-279RRHX	CB,LL	152	95	16.7	55	5	161	148	150	158	143							
Dekalb	DKC36-34	CB,RR,RW	162	98	16.8	55	1	174	* 193	159	158	125		161	95	128	153	195	167
G2 Genetics	5H-080RRHX	CB,LL	167	100	16.9	53	2	184	173	161	173	145		179	100	149	181	207	178
Dairyland	ST9085	CB,LL,RR,RW	168	100	16.9	54	2	169	180	165	170	* 159							
Partners In Production	3082	CB,LL,RR,RW	168	100	17.0	54	2	160	176	181	166	* 158							
NuTech	5N-183	CB,LL,RR,RW	165	99	17.0	53	3	168	185	171	162	137							
Golden Harvest	H6186-3000GT	CB,LL,RR,RW	161	98	17.2	56	3	167	168	169	164	140		181	* 101	* 183	171	206	165
Pioneer	P8906HR	CB,LL	173	101	17.3	54	1	184	* 208	165	167	139		* 193	* 104	158	191	222	* 203
Dahlman	R4330GENVT3P	CB,RR,RW	175	102	17.3	53	1	187	* 196	172	164	* 157							
G2 Genetics	5H-8901RRHX	CB,LL	156	96	17.3	55	1	153	184	160	148	137							
Croplan Genetics	2520VT3	CB,RR,RW	171	101	17.3	53	0	* 199	186	166	173	133		* 190	* 103	* 169	183	215	* 194
Carharts Blue Top	CG8300GT	RR	162	98	17.3	54	5	162	170	168	158	149							
Lemke	2020	None	174	102	17.4	53	2	176	173	177	172	* 172		* 190	* 103	* 180	177	220	* 184
Pioneer	P8581R	RR	170	100	17.4	54	1	183	192	163	167	144							
Channel	190-95VT3P	CB,RR,RW	177	* 103	17.4	52	0	189	* 209	174	168	146							
NuTech	5N-186	CB,LL,RR,RW	165	99	17.5	52	2	146	181	173	180	143		* 186	* 102	159	186	207	* 193
Dekalb	DKC39-07	CB,RR	* 181	* 103	17.5	53	2	192	* 210	163	184	154							
Legend Seeds	9090-3000GT	CB,LL,RR,RW	* 181	* 104	17.5	51	2	182	188	* 195	187	* 155							
NuTech	5N-290	CB,LL,RR,RW	* 194	* 107	17.5	51	1	* 201	* 197	* 196	* 218	* 158							
Renk	RK302GTCBLLRW	CB,LL,RR,RW	* 181	* 103	17.5	50	2	191	191	* 195	169	* 158							
Carharts Blue Top	CG8500GT	RR	173	101	17.5	53	3	164	183	176	173	* 167							
Pilgrim	8500GTCBLL	CB,LL,RR	* 180	* 103	17.5	53	3	176	180	* 188	197	* 159							
Pilgrim	87-3000GT	CB,LL,RR,RW	160	97	17.5	52	3	161	164	171	170	134							
Legacy Seeds	L2999	CB,LL,RR,RW	* 188	* 105	17.6	51	1	* 211	186	* 197	196	148							
85-DAY HYBRID TRIAL AVERAGE##					17.6														
Legacy Seeds	L2811	CB,RR,RW	172	101	17.6	53	1	171	* 201	169	172	148							
Partners In Production	3190	CB,LL,RR,RW	* 192	* 107	17.6	51	2	* 200	* 200	* 190	* 206	* 162							
Kussmaul	GL-987QuadVip	CB,LL,RR,RW	169	100	17.7	52	2	169	174	176	168	* 159							
Partners In Production	3887	CB,LL,RR,RW	169	100	17.7	52	2	172	171	178	177	148							
Legend Seeds	5080	None	157	96	17.7	52	3	173	151	162	159	138							
Renk	RK292GTCBLLRW	CB,LL,RR,RW	165	99	17.7	52	1	174	174	174	158	146							
G2 Genetics	5H-8902RRHX	CB,LL	165	98	17.7	53	2	193	177	166	155	133							
NK Brand	N19G-3111	CB,LL,RR,RW	156	96	17.8	54	1	156	158	177	151	137							
Legacy Seeds	L2750	CB,LL,RR,RW	177	102	17.8	54	2	* 205	* 201	174	162	141		* 185	* 101	166	174	210	* 188
Partners In Production	3085	CB,LL,RR	* 182	* 103	17.9	53	4	* 213	188	182	170	* 158							
Renk	RK268VT3	CB,RR,RW	158	97	17.9	52	1	150	159	174	167	142							

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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)

			2011										2010					
			Average					Yield (bu/A)					Average		Yield (bu/A)			
Brand	Hybrid	Traits†	Yield (bu/A)	P.I. #	Moist %	Test Wt.	Lodge %	COL	MAR	SPD	SPI	SPS	Yield (bu/A)	P.I. #	COL	SPD	SPI	SPS
Dahlman	R4466RR	RR	170	100	17.9	52	1	182	186	157	173	151	* 184	* 101	153	181	221	181
Kussmaul	GL-885Quad	CB,LL,RR,RW	169	100	18.0	52	4	180	147	176	171	* 171						
G2 Genetics	5H-492RRHX	CB,LL	178	102	18.1	53	2	189	* 207	179	173	144						
90-DAY HYBRID TRIAL AVERAGE##					18.2													
Dairyland	ST7291	CB,LL	170	100	18.2	51	2	182	186	167	179	134						
Dairyland	ST9286SSX	CB,LL,RR,RW	162	98	18.3	52	0	* 201	165	157	146	142	178	99	147	164	203	* 196
Croplan Genetics	2738SS	CB,LL,RR,RW	161	97	18.3	51	1	* 196	182	152	156	121						
Pilgrim	8900GT	RR	179	102	18.3	52	3	188	186	* 195	166	* 158						
Partners In Production	3090	RR	175	101	18.4	52	3	171	164	* 188	189	* 159						
Legend Seeds	30J190	None	175	101	18.6	51	3	169	182	183	186	153						
G2 Genetics	5X-9101RRHXT	CB,LL,RR,RW	167	99	18.7	51	1	* 208	184	173	152	119						
Carharts Blue Top	CR8992VT3P	CB,RR,RW	* 187	* 105	18.7	52	0	* 221	* 214	161	180	* 157						
Dekalb	DKC43-27	CB,RR,RW	163	98	18.8	52	0	* 200	165	163	155	131						
Renk	RK295GT	RR	* 181	102	18.8	52	4	192	178	* 200	175	* 159						
Croplan Genetics	3114VT3	CB,RR,RW	167	99	18.8	53	1	* 203	166	161	154	152	* 186	* 101	132	* 194	* 229	* 190
Dahlman	R4530GENVT3P	CB,RR,RW	170	100	18.9	53	0	* 204	* 194	152	161	139						
Dairyland	ST9992	CB,RR,RW	178	102	19.0	52	0	* 214	* 193	164	169	151						
Dairyland	ST9789SSX	CB,LL,RR,RW	162	97	19.0	51	1	183	174	161	162	129						
Dahlman	R4546RR	RR	* 184	* 104	19.1	52	1	* 215	* 199	170	173	* 161						
G2 Genetics	5X-795RRHXT	CB,LL,RR,RW	* 183	* 103	19.6	52	1	* 219	* 209	177	161	151						
NuTech	5N-9001	CB,LL,RR,RW	178	102	19.8	53	1	* 195	* 196	* 188	165	148						
CB Seeds	3150	RR	164	98	19.9	51	2	170	179	175	156	142	* 194	* 104	* 195	* 194	214	175
MEAN			170	100	17.8	53	2	181	182	171	168	147	180	100	152	178	210	181
LSD(0.10)**			14	4	0.9	1	2	26	21	16	20	17	14	4	27	19	17	20

† Traits: CB = Corn Borer, LL = Liberty Link, RR = Roundup Ready, RW = Corn Rootworm, bmr = Brown Mid Rib, lfy = Leafy, ND = Nutri-Dense.

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 14. Southern Zone - Early Maturity Silage Trial.

109 DAY RELATIVE MATURITY OR EARLIER, BASED ON COMPANY RATING (ARLINGTON = ARL, LANCASTER = LAN)

			2011									2010				
			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	LAN	(T/A)	Ton	Acre	ARL	LAN
FS Seed	59JV2NDS	RR,RW-ND	* 9.6	2940	* 28300	60.4	51	55	32	8.8	10.3					
Cornelius	C582VT3P	CB,RR,RW	9.0	* 3090	* 27800	60.4	47	55	36	8.4	9.5					
Cornelius	C462-3000GT	CB,LL,RR,RW	* 9.8	* 3180	* 31300	60.5	47	58	37	* 9.7	9.9					
Dekalb	DKC57-50	CB,RR,RW	* 9.8	3050	* 30100	61.1	48	55	36	* 9.6	10.1					
FS Seed	58MV4	CB,RR,RW	* 9.7	* 3100	* 30000	61.4	47	55	37	9.0	10.4					
AgriGold	A6384VT3Pro	CB,RR,RW	* 10.4	2990	* 31200	61.8	49	54	35	* 9.7	* 11.2					
AgriGold	A6323GT3	CB,LL,RR,RW	* 10.1	* 3120	* 31400	61.9	47	56	36	* 10.0	10.1	* 9.9	* 3050	* 30200	* 10.7	* 9.0
Carharts Blue Top	CG102-3000GT	CB,LL,RR,RW	9.1	* 3060	* 28000	62.5	48	56	34	9.0	9.3					
Prairie Hybrids	4368	None	9.3	3030	* 28100	62.6	49	56	35	* 9.7	8.8	8.3	* 2960	25000	8.3	8.2
AgriGold	A6436VT3Pro	CB,RR,RW	* 9.8	3000	* 29300	62.9	48	53	36	9.0	10.5					
105-DAY HYBRID TRIAL AVERAGE##						63.0										
AgriGold	A6329VT3Pro	CB,RR,RW	9.3	* 3070	* 28600	63.1	48	55	36	8.0	10.5					
AgriGold	A6389VT3Pro	CB,RR,RW	9.1	* 3090	* 28300	63.4	49	58	35	8.9	9.3					
Pioneer	34A89	CB,LL,RR,RW	* 10.6	3020	* 32100	63.5	50	56	33	* 9.2	* 11.9					
Prairie Hybrids	5200	None	* 9.8	* 3100	* 30500	63.6	48	57	35	* 10.3	9.3	* 10.0	* 2940	* 30100	* 10.3	* 9.8
Dekalb	DKC59-64	CB,RR,RW	* 9.9	* 3060	* 30400	63.7	47	54	36	* 9.2	10.7					
Garst	85V88-3000GT	CB,LL,RR,RW	8.9	* 3090	27700	63.7	47	55	36	8.2	9.7	* 9.6	* 2960	* 28800	* 9.7	* 9.5
NK Brand	N61P-3000GT	CB,LL,RR,RW	8.7	* 3100	27100	64.0	47	55	36	8.0	9.5					
Pioneer	P0891XR	CB,LL,RR,RW	* 10.3	* 3080	* 31900	64.0	49	57	34	* 9.9	* 10.8					
110-DAY HYBRID TRIAL AVERAGE##						64.1										
Kussmaul	GL-909Quad	CB,LL,RR,RW	* 9.9	2960	* 29300	64.1	52	57	31	9.0	10.7					
Pioneer	P0448XR	CB,LL,RR,RW	* 9.6	* 3100	* 29900	64.3	48	57	34	9.0	10.2					
FS Seed	57SV3	CB,RR,RW	9.1	2990	27400	64.4	49	55	34	8.9	9.4					
Mycogen	TMF2Q717	CB,LL,RR,RW	* 10.2	2960	* 30400	64.6	52	56	31	* 9.5	* 11.0					
Cornelius	C454XTLL	CB,LL,RW	8.9	3010	27000	64.7	49	55	34	8.2	9.7	* 9.2	2790	* 26200	9.0	* 9.4
Golden Harvest	H8672-3000GT	CB,LL,RR,RW	* 10.0	* 3080	* 30700	64.8	48	56	35	* 9.9	10.1					
Dairyland	ST1811	None	* 9.7	* 3060	* 29900	65.3	48	56	33	* 9.8	9.7					
Cornelius	C459SS	CB,LL,RR,RW	8.9	3000	26700	65.6	49	55	32	8.6	9.1					
LG Seeds	LG2549VT3	CB,RR,RW	8.7	3010	26200	66.7	50	56	34	8.0	9.4					
O'Brien	OB1109	None	7.7	2890	22300	67.3	54	56	28	7.3	8.1					
Mycogen	F2F622	CB,LL-bmr	7.1	2960	20900	67.6	57	62	24	8.3	5.8					
MEAN			9.4	3040	28700	63.6	49	56	34	9.0	9.8	8.9	2940	26300	9.2	8.7
LSD(0.10)**			1.3	120	4300	3.3	3	2	4	1.1	1.1	1.1	170	4500	1.2	1.3

† Traits: CB = Corn Borer, LL = Liberty Link, RR = Roundup Ready, RW = Corn Rootworm, bmr = Brown Mid Rib, lfy = Leafy, ND = Nutri-Dense.

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.

110 DAY RELATIVE MATURITY OR LATER, BASED ON COMPANY RATING (ARLINGTON = ARL, LANCASTER = LAN))

			2011									2010				
			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	LAN	(T/A)	Ton	Acre	ARL	LAN
Croplan Genetics	S6100VT	CB,RR-lfy	* 9.8	* 3010	* 29500	58.4	49	55	34	* 10.1	9.5					
UW	EX39	None	* 9.4	* 3090	* 29000	60.3	47	56	36	* 9.4	9.4	8.7	* 3050	27400	8.6	8.8
UW	EX41	None	8.7	* 3020	26400	60.5	49	56	34	8.8	8.6	9.2	* 2980	27600	* 10.3	8.1
Renk	RK831VT3P	CB,RR,RW	* 9.5	* 3040	* 29100	61.7	48	55	35	8.9	* 10.1					
Prairie Hybrids	6950	None	* 9.6	* 2980	* 28700	62.5	50	55	34	* 9.6	9.6					
FS Seed	60MV4	CB,RR,RW	* 10.3	* 3030	* 31200	62.7	48	54	36	* 9.7	* 10.9	9.1	2930	27600	* 10.0	8.1
Garst	84G70-3111	CB,LL,RR,RW	8.5	2910	24700	63.9	52	55	31	8.3	8.7					
Partners In Production	7114	CB,LL,RR,RW	* 10.2	* 3040	* 31200	64.2	49	56	35	* 9.8	* 10.7					
Pioneer	P1184XR	CB,LL,RR,RW	* 10.0	* 2990	* 30000	64.3	50	55	33	* 9.9	* 10.2					
NK Brand	N68T-GT	RR	* 9.2	* 3030	* 28000	64.3	51	59	32	8.6	* 9.8					
UW	EX27	None	* 10.2	* 2990	* 30600	64.6	50	55	33	* 10.2	* 10.3	9.4	* 2970	27200	* 9.5	9.3
Croplan Genetics	6425VT3	CB,RR,RW	* 9.3	* 2990	* 27800	64.7	50	55	34	* 9.5	9.1	8.8	2950	24900	9.0	8.5
Cornelius	C619XTLL	CB,LL,RW	* 9.6	* 3030	* 29000	64.7	50	57	33	* 9.7	9.4					
110-DAY HYBRID TRIAL AVERAGE##						64.8										
FS Seed	62MV4	CB,RR,RW	* 9.7	* 3000	* 29000	65.1	50	55	34	* 9.4	* 9.9					
FS Seed	62K47NDS	CB,LL,RR,RW-ND	* 10.0	* 2980	* 29900	65.3	50	55	33	* 9.5	* 10.5					
G2 Genetics	5H-515RRHX	CB,LL,RR	* 9.6	* 3080	* 29700	65.9	49	57	33	* 10.1	9.2	* 9.6	2890	26900	* 9.4	9.7
Renk	RK858VT3P	CB,RR,RW	* 10.3	* 3040	* 31200	66.0	49	55	35	* 9.8	* 10.7					
Croplan Genetics	6125VT3	CB,RR,RW	* 9.7	* 2980	* 29100	66.0	50	55	34	* 9.5	* 10.0					
Dairyland	HiDF3110Q	CB,LL,RW	* 10.2	2800	* 28500	66.2	54	54	28	* 9.7	* 10.6					
Pioneer	33F88	CB,LL,RR,RW	* 10.3	* 3020	* 31200	66.2	51	58	32	* 10.2	* 10.5	* 9.7	2960	* 28600	* 9.7	9.7
G2 Genetics	5H-1301RRHX	CB,LL,RR	* 10.0	* 3080	* 30900	66.5	49	57	33	* 9.7	* 10.4					
Renk	RK844VT3	CB,RR,RW	8.9	2940	26400	66.6	50	54	32	8.4	9.5	9.1	* 2990	26300	* 9.4	8.8
115-DAY HYBRID TRIAL AVERAGE##						66.7										
FS Seed	61BX1	CB,LL,RR,RW	9.1	* 2970	* 27200	66.8	50	55	33	8.3	* 10.0	8.1	* 2990	23900	8.4	7.7
AgriGold	A6458VT3	CB,RR,RW	* 9.6	* 3080	* 29600	67.1	48	56	36	* 9.5	* 9.7	8.5	* 2970	25500	8.7	8.3
AgriGold	A6476VT3Pro	CB,RR,RW	* 9.6	2950	* 28200	67.5	52	56	33	* 10.1	9.1					
UW	EX38	None	8.0	* 2960	23800	67.6	52	57	30	* 9.2	6.8	9.2	2940	26800	* 9.5	9.0
Partners In Production	7115	RR	* 9.3	2880	26900	68.0	54	56	30	* 9.5	9.1					
G2 Genetics	5H-513RRHX	CB,LL,RR	9.0	2880	26100	68.7	55	57	27	7.9	* 10.2					
Croplan Genetics	6831RHXT	CB,LL,RR,RW	8.7	* 2980	26000	69.2	50	56	33	8.3	9.2	8.9	2900	25900	* 9.8	8.0
Dairyland	HiDF3212	None	* 9.6	2810	* 27200	69.2	54	54	28	9.0	* 10.3					
Mycogen	TMF2W727	CB,LL,RR,RW	* 9.9	2860	* 28400	69.6	54	56	26	* 9.3	* 10.5					
MEAN			9.5	2980	28500	65.3	50	56	33	9.3	9.8	9.0	2950	26600	9.3	8.7
LSD(0.10)**			1.1	130	4000	4.5	3	2	4	1.1	1.2	1.3	120	4800	1.2	1.7

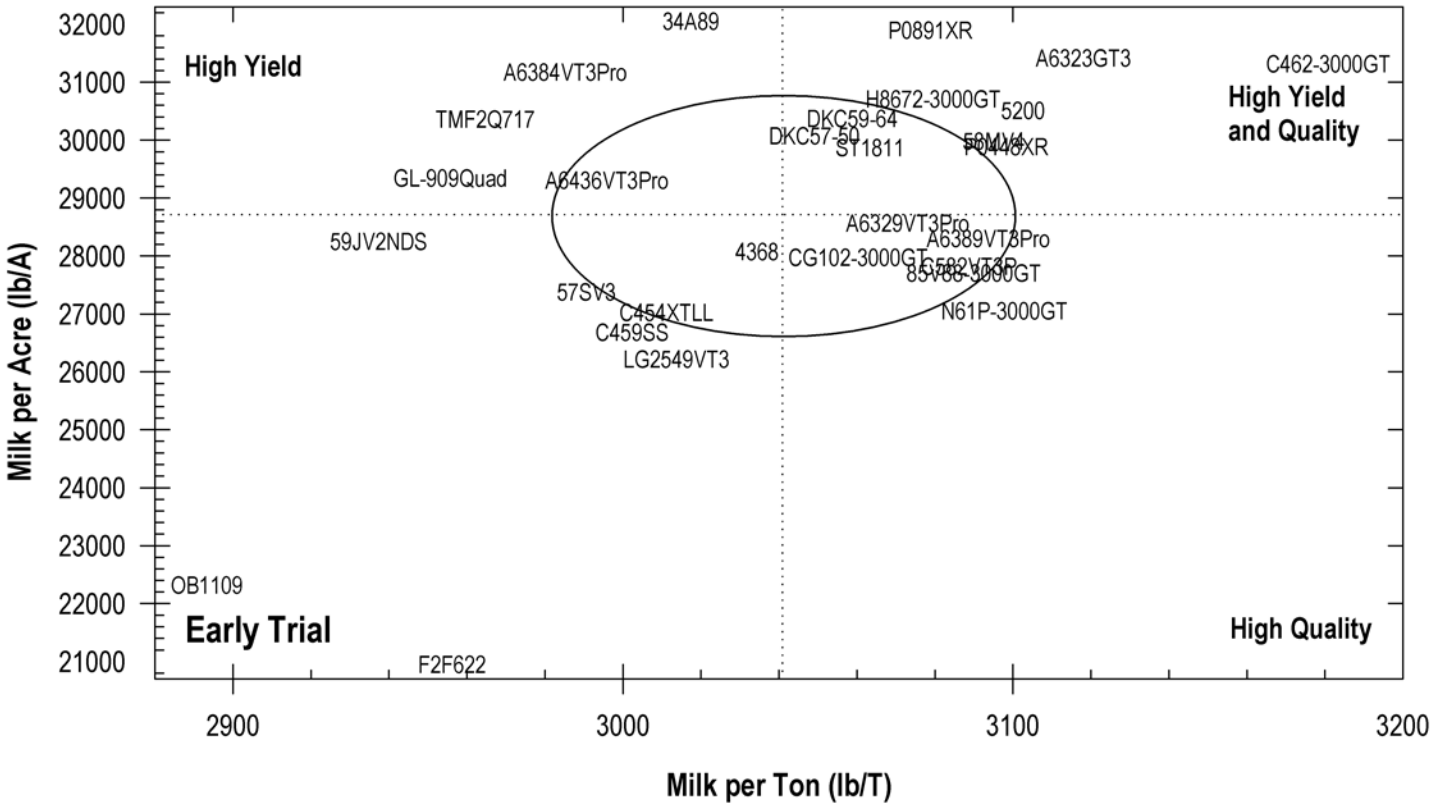
† Traits: CB = Corn Borer, LL = Liberty Link, RR = Roundup Ready, RW = Corn Rootworm, bmr = Brown Mid Rib, lfy = Leafy, ND = Nutri-Dense.

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 2011.



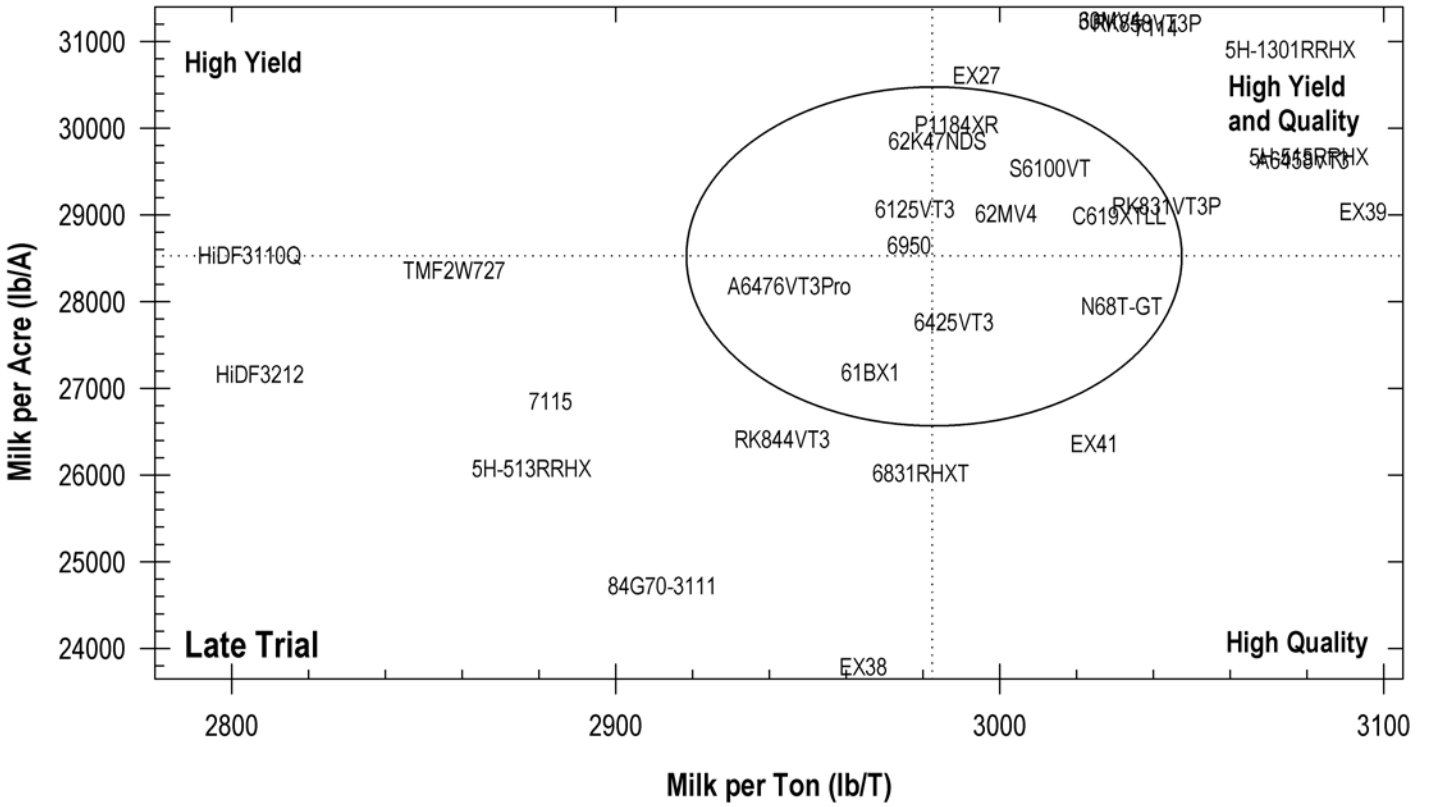


Table 16. South Central Zone - Early Maturity Silage Trial.

104 DAY RELATIVE MATURITY OR EARLIER, BASED ON COMPANY RATING (FOND DU LAC = FON, GALESVILLE = GAL)

			2011									2010				
			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	%	%	%	%	FON	GAL	(T/A)	Ton	Acre	FON	GAL
Carharts Blue Top	CG9780-3000GT	CB,LL,RR,RW	* 9.8	* 3120	* 30700	60.7	46	55	36	9.1	* 10.5					
LG Seeds	LG2501VT3Pro	CB,RR,RW	8.4	* 3080	26000	61.1	48	57	36	8.4	8.5					
Great Lakes	5157G3VT3	CB,RR,RW	9.4	* 3100	* 29300	62.2	47	55	36	9.1	9.8					
Croplan Genetics	5338VT3P	CB,RR,RW	* 9.8	* 3110	* 30600	62.3	46	55	37	9.3	* 10.3					
FS Seed	53TV4	CB,RR,RW	* 10.2	3050	* 31100	62.3	47	53	36	9.1	* 11.2					
Golden Harvest	H7891GTCBLL	CB,LL,RR	9.0	* 3160	* 28500	62.4	45	56	38	9.6	8.4					
Dairyland	HiDF37029	CB,LL,RR,RW	* 10.3	* 3170	* 32700	62.6	45	56	39	* 10.2	* 10.5					
Blue River Hybrids	46L96	None-lfy	* 10.1	3010	* 30300	62.7	48	54	32	9.9	10.2	8.0	2880	* 24400	6.8	9.1
Stine	9523VT3	CB,RR,RW	9.3	* 3200	* 29800	62.8	45	57	38	9.1	9.5					
NK Brand	N49J-3000GT	CB,LL,RR,RW	9.4	3040	* 28500	62.9	46	52	36	8.0	* 10.8					
LG Seeds	LG2510STX	CB,LL,RR,RW	* 10.0	3050	* 30600	63.2	47	54	35	9.7	* 10.3	7.9	2890	22300	6.8	9.0
Legacy Seeds	L5350	CB,LL,RR,RW	* 10.1	* 3120	* 31800	63.2	46	55	36	9.1	* 11.1	* 8.6	* 3100	* 27400	6.7	* 10.4
Croplan Genetics	5438SS	CB,LL,RR,RW	* 10.3	* 3100	* 32000	63.3	47	56	34	9.6	* 11.0					
AgriGold	A6323GT3	CB,LL,RR,RW	* 10.0	* 3130	* 31400	63.5	46	56	35	9.0	* 11.1	* 8.5	* 3030	* 25400	6.8	* 10.2
FS Seed	54VX1	CB,LL,RR,RW	9.6	3050	* 29400	63.6	48	55	34	9.0	10.2					
100-DAY HYBRID TRIAL AVERAGE##						63.7										
LG Seeds	LG25093000GT	CB,LL,RR,RW	9.6	3070	* 29700	63.8	48	56	33	8.9	* 10.3					
Great Lakes	5339GT3	CB,LL,RR,RW	* 9.9	3060	* 30400	63.8	47	55	34	9.1	* 10.8					
Masters Choice	MC5250	None	* 10.7	* 3110	* 33400	63.8	45	54	38	9.9	* 11.5					
105-DAY HYBRID TRIAL AVERAGE##						64.0										
Pilgrim	1040-3000GT	CB,LL,RR,RW	9.6	3050	* 29200	64.1	47	54	33	9.2	10.0					
Blue River Hybrids	48B30	None	9.7	* 3100	* 30100	64.1	47	56	36	9.6	9.8	* 8.8	* 3020	* 26800	* 7.9	9.6
Great Lakes	5335X2	CB,LL,RR	8.9	* 3160	28200	64.4	46	57	36	9.1	8.7	8.1	* 3030	23600	* 7.3	8.9
FS Seed	52SV3	CB,RR,RW	* 9.8	3030	* 29600	64.4	48	55	35	9.7	9.9					
Trelay	6VT154	CB,RR,RW	9.5	* 3120	* 29900	64.6	47	56	37	* 10.1	9.0					
Mycogen	TMF2L533	CB,LL,RR,RW-lfy	* 11.1	2980	* 33100	64.8	51	56	32	* 10.9	* 11.3	* 9.1	2950	* 27000	* 7.5	* 10.7
Renk	RK694GTCBLLRWI	CB,LL,RR,RW	* 10.0	* 3080	* 30800	64.8	48	56	33	9.9	10.1	* 8.9	* 3100	* 27500	* 7.4	* 10.3
Croplan Genetics	S4900VT	RR,RW-lfy	7.2	2980	21400	65.4	50	56	31	8.9	5.4					
LG Seeds	LG2508VT3Pro	CB,RR,RW	9.2	3010	27600	65.6	49	55	32	9.5	8.9					
Trelay	6ST576	CB,LL,RR,RW	* 10.0	3010	* 30100	65.6	49	55	33	* 10.1	9.8	* 8.4	* 3110	* 26200	* 7.2	9.7
FS Seed	54TL2	CB,LL,RR,RW	* 10.0	2990	* 29800	65.7	49	54	32	9.9	10.0					
Carharts Blue Top	CG102-3000GT	CB,LL,RR,RW	9.3	2960	27700	65.8	49	53	32	9.0	9.6					
Legacy Seeds	L4310	CB,LL,RR,RW	9.2	3030	27900	65.8	48	55	32	9.5	8.9					
Pioneer	P0448XR	CB,LL,RR,RW	9.1	* 3110	28200	65.8	47	56	33	9.3	8.8					
Mycogen	TMF2R522	CB,LL,RR,RW	9.0	2980	26800	65.9	49	54	32	8.8	9.1	7.8	2930	23000	7.0	8.5
MEAN			9.6	3070	29600	63.8	47	55	35	9.4	9.9	8.1	3010	24300	7.0	9.1
LSD(0.10)**			1.4	120	5000	2.1	2	2	3	0.9	1.3	1.1	120	4400	0.8	1.4

† Traits: CB = Corn Borer, LL = Liberty Link, RR = Roundup Ready, RW = Corn Rootworm, bmr = Brown Mid Rib, lfy = Leafy, ND = Nutri-Dense.

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.

105 DAY RELATIVE MATURITY OR LATER, BASED ON COMPANY RATING (FOND DU LAC = FON, GALESVILLE = GAL)

			2011									2010				
			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
UW	EX31	None	10.4	3080	* 32000	62.0	48	56	34	* 9.9	10.8	* 8.0	* 3020	* 24500	* 7.6	8.4
Great Lakes	5529RR	RR	10.0	* 3180	* 31800	63.0	46	57	37	* 10.0	10.0					
Pioneer	35K09AM1	CB,LL,RR,RW	9.7	* 3140	30500	63.5	47	57	35	9.1	10.3					
Garst	86M39-3111	CB,LL,RR,RW	8.9	* 3140	28100	64.3	47	57	35	8.3	9.6					
UW	EX36	None	8.8	* 3120	27600	64.4	50	60	30	8.5	9.2	* 8.7	* 2910	* 25400	* 7.6	* 9.8
Golden Harvest	H8239-3111	CB,LL,RR,RW	8.8	* 3200	28300	64.5	46	59	35	8.2	9.4					
NK Brand	N53W-3000GT	CB,LL,RR,RW	9.8	* 3140	* 30800	64.5	46	56	35	9.2	10.5	* 8.7	* 3050	* 27000	* 7.2	* 10.2
UW	EX42	None	9.7	3000	29000	64.7	51	56	29	8.7	10.6					
Partners In Production	5808	None	9.9	* 3100	30700	64.8	48	57	33	* 10.0	9.8	* 8.0	* 3050	* 22900	6.3	* 9.7
FS Seed	56TV4	CB,RR,RW	9.5	* 3130	29700	64.8	47	56	35	9.4	9.5					
Pioneer	P0891XR	CB,LL,RR,RW	* 10.9	* 3140	* 34200	64.9	48	58	34	* 10.1	* 11.6					
AgriGold	A6389VT3Pro	CB,RR,RW	9.7	* 3140	30600	64.9	47	56	36	9.6	9.9					
AgriGold	A6384VT3Pro	CB,RR,RW	10.1	2990	30200	64.9	47	52	35	* 10.1	10.0					
UW	EX37	None	9.8	3070	30100	65.1	50	58	30	9.4	10.2	* 8.7	* 3030	* 26700	* 6.9	* 10.4
Trelay	6VP982	CB,RR,RW	10.1	* 3150	* 31900	65.3	45	56	38	* 10.2	10.0					
NuTech	5N-1004	CB,LL,RR,RW	9.8	2950	28900	65.4	52	56	31	* 10.1	9.5					
Channel	209-77VT3	CB,RR,RW	* 10.9	3030	* 33100	65.4	49	55	33	* 10.3	* 11.6	* 8.4	* 3000	* 25100	6.3	* 10.5
Legacy Seeds	L5810	CB,LL,RR,RW	10.1	* 3090	* 31300	65.5	48	56	35	9.6	10.7					
G2 Genetics	5X-905RRHXT	CB,LL,RR,RW	9.5	* 3090	29500	65.6	47	56	36	9.5	9.6					
G2 Genetics	5X-007RRHXT	CB,LL,RR,RW	9.3	* 3100	28800	65.6	47	56	34	8.9	9.7					
105-DAY HYBRID TRIAL AVERAGE##						65.6										
Dekalb	DKC55-09	CB,LL,RR,RW	9.4	* 3140	29700	65.6	47	57	35	9.5	9.4					
Renk	RK744VT3P	CB,RR,RW	9.5	* 3120	29500	65.7	47	56	35	9.3	9.7					
Trelay	7VP745	CB,RR,RW	9.7	3030	29400	65.8	49	56	32	9.2	10.2	* 7.7	2870	* 21400	6.2	* 9.2
Lemke	6117-3000GT	CB,LL,RR,RW	9.2	3050	27900	65.8	48	55	35	8.5	9.8					
Croplan Genetics	S6100VT	CB,RR-lfy	9.8	2920	28700	66.0	51	54	29	* 9.9	9.8					
Trelay	6ST620	CB,LL,RR,RW	9.7	3000	29200	66.0	49	55	33	9.3	10.2					
110-DAY HYBRID TRIAL AVERAGE##						66.1										
Prairie Hybrids	5200	None	10.3	* 3110	* 31900	66.2	48	57	35	* 10.1	10.5					
G2 Genetics	5X-909RRHXT	CB,LL,RR,RW	9.8	3040	29900	66.2	49	56	31	9.4	10.2					
Pioneer	34A89	CB,LL,RR,RW	9.7	3000	29200	66.3	50	56	31	9.5	10.0	* 8.5	* 2940	* 25900	* 7.5	* 9.5
Mycogen	TMF2Q717	CB,LL,RR,RW	9.8	2980	29300	66.4	51	56	30	* 9.8	9.8	* 8.7	* 2890	* 25400	* 6.9	* 10.5
Channel	209-85VT3P	CB,RR,RW	10.5	3030	* 31700	66.5	48	55	34	* 10.4	10.6					
Croplan Genetics	6425VT3	CB,RR,RW	9.9	3020	30000	66.6	49	55	32	* 10.3	9.5	* 8.3	2870	* 24000	* 6.9	* 9.7
NuTech	5N-406	CB,LL,RR,RW	9.4	3080	29000	67.4	49	57	33	9.2	9.6					
Dairyland	ST1811	None	10.3	3050	* 31400	67.5	48	55	32	* 10.1	10.4					
Pioneer	33F88	CB,LL,RR,RW	10.4	3040	* 31600	67.6	50	57	30	9.6	11.2	* 8.3	* 2970	* 24100	* 6.6	* 10.0
Masters Choice	MC-535	None	9.5	3070	29100	68.0	48	55	34	8.8	10.1	* 7.8	* 2910	* 22800	* 7.5	8.1
Dairyland	HiDF3110Q	CB,LL,RW	* 11.5	2910	* 33700	68.3	52	54	29	* 10.3	* 12.8					
Dairyland	HiDF30089	CB,RR,RW	9.9	2870	28600	68.6	52	53	30	9.6	10.3					
Mycogen	F2F569	CB,LL,RR,RW-bmr	7.2	* 3210	23100	68.7	49	62	31	7.8	6.6					
Dairyland	HiDF3105Q	CB,LL,RW	10.2	2990	30600	68.7	50	56	32	* 10.6	9.8	* 8.3	2800	* 22500	* 7.6	* 9.1
Dairyland	HiDF3212	None	9.6	2840	27200	71.0	54	55	25	9.4	9.7					
MEAN			9.8	3060	29900	65.9	49	56	33	9.5	10.1	7.9	2930	23100	6.8	8.9
LSD(0.10)**			0.9	120	3400	2.7	3	2	3	0.9	1.2	1.5	190	5800	1.1	1.8

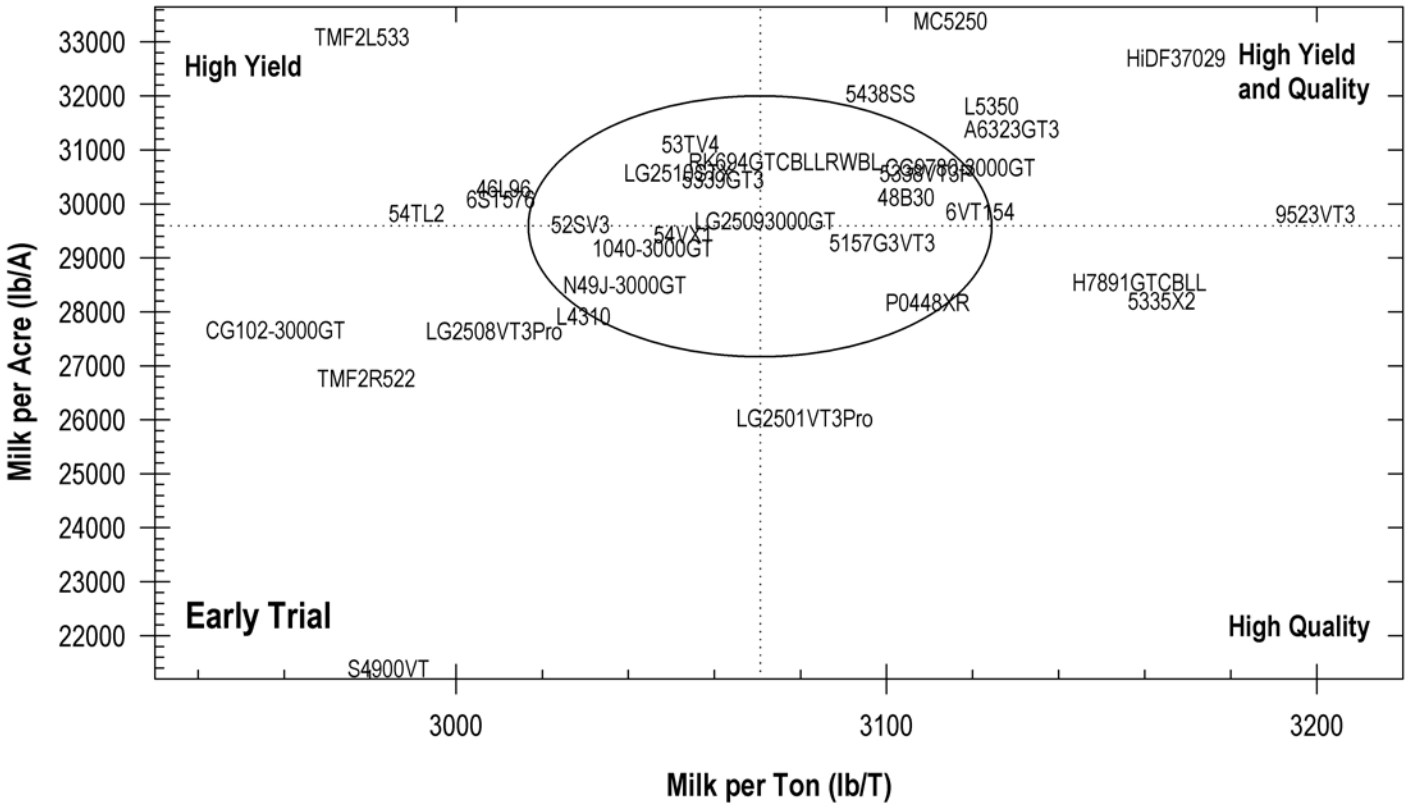
† Traits: CB = Corn Borer, LL = Liberty Link, RR = Roundup Ready, RW = Corn Rootworm, bmr = Brown Mid Rib, lfy = Leafy, ND = Nutri-Dense.

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 2011.



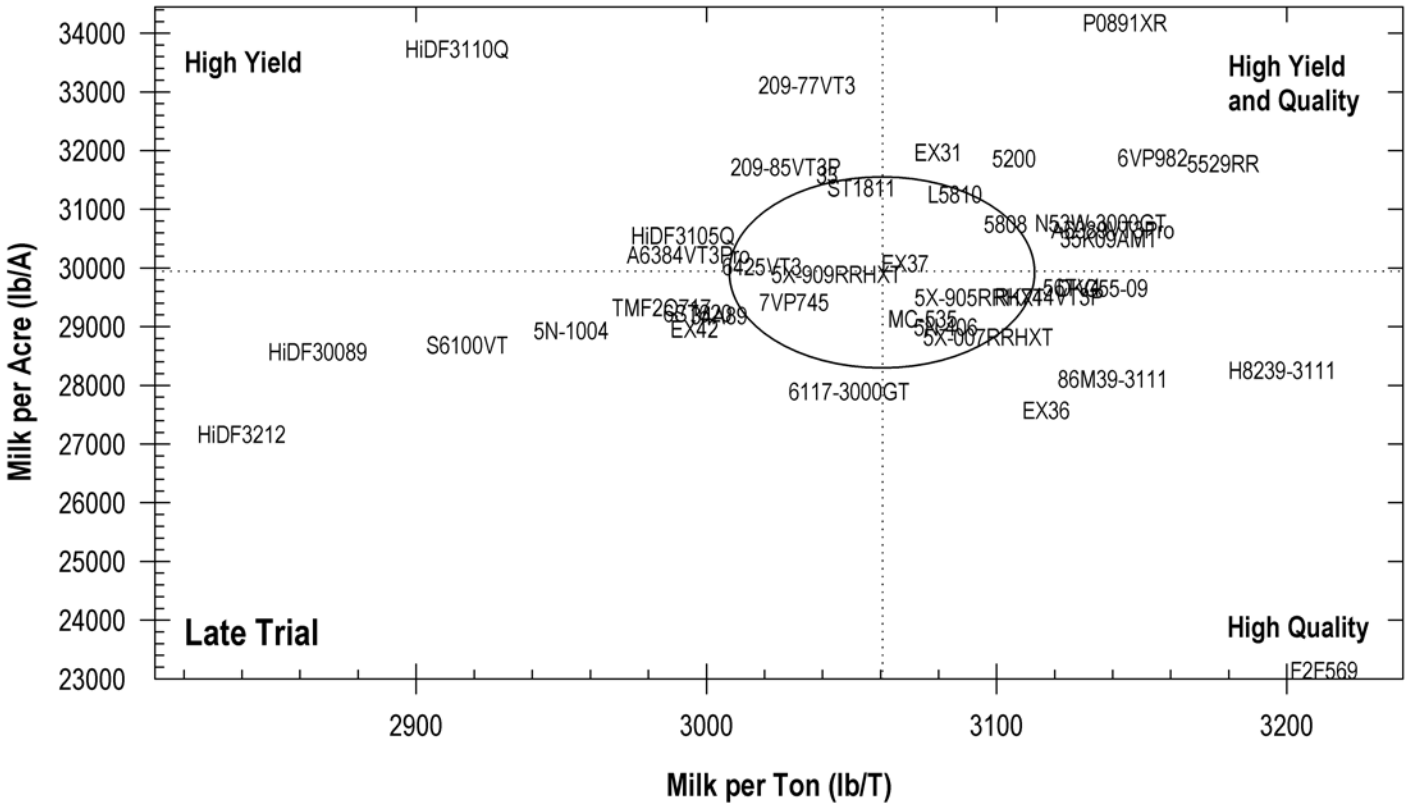


Table 18. North Central Zone - Early Maturity Silage Trial. (page 1 of 2)

98 DAY RELATIVE MATURITY OR EARLIER, BASED ON COMPANY RATING (CHIPPEWA FALLS = CHP, MARSHFIELD = MAR, VALDERS =VAL)

			2011										2010					
			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	MAR	VAL	(T/A)	Ton	Acre	CHP	MAR	VAL
Legend Seeds	9787-3000GT	CB,LL,RR,RW	8.0	3000	*23900	53.0	46	51	38	8.1	7.7	8.1						
Pilgrim	91-3000GT	CB,LL,RR,RW	*8.2	2950	*24300	54.2	45	48	39	*9.2	7.8	7.7						
Prairie Hybrids	590	None	7.7	*3130	*24100	54.6	44	53	41	*8.5	7.6	6.9	7.3	3150	*22600	7.6	*7.0	7.4
Golden Harvest	H6629-3000GT	CB,LL,RR,RW	*8.3	2990	*24800	54.6	44	48	40	8.0	*9.4	7.4						
Legend Seeds	9090-3000GT	CB,LL,RR,RW	*8.3	2910	*24100	54.6	47	49	38	*8.6	8.3	7.9						
Masters Choice	MC4050	None	8.0	2980	*23900	54.8	44	48	40	*8.6	7.3	8.2						
Legend Seeds	9998-3000GT	CB,LL,RR,RW	*8.3	*3110	*25800	55.6	44	54	39	*9.2	7.6	7.9						
Stine	9207GT3000	CB,LL,RR,RW	*8.1	*3090	*25100	55.8	45	53	39	8.4	7.7	8.3						
90-DAY HYBRID TRIAL AVERAGE##						56.8												
Dairyland	HiDF32907	CB,LL,RR	*8.1	*3070	*24900	57.5	44	51	40	7.9	8.1	8.4						
LG Seeds	LG2411VT3	CB,RR,RW	7.7	*3150	*24300	57.7	45	56	37	7.6	7.5	7.9	*7.5	3190	*24300	*7.8	*6.7	*7.9
Great Lakes	4282VT3Pro	CB,RR,RW	*8.2	*3160	*25800	58.1	43	54	39	8.2	8.1	8.1						
Masters Choice	MC4560	None	7.5	*3130	23400	58.5	44	54	39	7.4	7.0	8.0						
FS Seed	38S30	RR	7.5	*3050	22900	58.5	45	52	38	7.3	7.4	7.7						
Legend Seeds	9993VT3	CB,RR,RW	7.4	*3080	22800	58.7	45	54	36	7.3	7.5	7.3						
G2 Genetics	5H-797RRHX	CB,LL	*8.1	*3060	*24900	58.7	45	53	37	8.3	7.8	8.3	7.0	3140	*23200	*7.8	5.5	7.6
Dairyland	HiDF3195Q	CB,LL,RW	7.7	*3070	*23800	58.8	46	54	38	8.0	7.9	7.3	*7.4	3120	22200	7.1	*7.4	7.5
Dekalb	DKC39-07	CB,RR	7.4	3040	22300	59.2	45	52	37	7.0	7.8	7.2						
Renk	RK434VT3P	CB,RR,RW	7.7	*3070	*23800	59.3	46	55	37	7.8	7.2	8.2						
Renk	RK585VT3P	CB,RR,RW	7.6	*3090	23600	59.4	45	53	39	7.7	7.9	7.2						
Carharts Blue Top	CG9780-3000GT	CB,LL,RR,RW	*8.6	2990	*25700	59.5	47	53	35	*9.3	8.0	*8.5						
LG Seeds	LG2492	None	7.9	*3100	*24400	59.7	45	55	37	7.5	7.5	*8.5	*8.0	3140	*25000	*8.7	*7.6	7.5
FS Seed	48S44	CB,LL,RR,RW	*8.8	3000	*26500	60.1	47	52	35	*9.1	8.3	*9.1						
100-DAY HYBRID TRIAL AVERAGE##						60.1												
FS Seed	43SV4	CB,RR,RW	7.6	*3070	23400	60.2	45	53	39	7.8	7.5	7.4						
Foundation Direct	OR8890	None	7.9	3020	*24000	60.3	48	55	35	*8.8	6.7	8.2						
Trelay	4VP726	CB,RR,RW	*8.4	*3140	*26500	60.6	44	55	38	*8.6	*8.6	8.1	*7.6	*3210	*24000	*8.4	*7.3	7.0
95-DAY HYBRID TRIAL AVERAGE##						60.7												
NuTech	5N-197	CB,LL,RR,RW	*8.6	3040	*26300	61.0	46	53	36	*8.9	7.9	*9.0						
FS Seed	44SV3	CB,RR,RW	7.5	3000	22500	61.3	45	50	39	7.8	7.4	7.3	*7.6	3110	*23400	*8.3	*7.0	7.5
Great Lakes	4457VT3Pro	CB,RR,RW	7.2	*3070	22100	61.4	45	53	37	6.9	6.9	7.8						
Channel	197-32VT3P	CB,RR,RW	*8.4	*3100	*26000	61.5	46	55	38	8.3	8.4	8.4						
Dekalb	DKC48-12	CB,LL,RR,RW	8.0	*3110	*24800	61.5	44	53	38	7.7	8.4	7.9						
FS Seed	44JV3NDS	CB,RR,RW-ND	7.4	3040	22600	61.7	47	54	36	7.7	7.7	6.9	7.3	3120	*22600	*8.7	*6.3	7.0
Stine	9311VT3P	CB,RR,RW	8.0	*3100	*24900	61.7	46	55	36	8.1	8.0	8.0						

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

98 DAY RELATIVE MATURITY OR EARLIER, BASED ON COMPANY RATING (CHIPPEWA FALLS = CHP, MARSHFIELD = MAR, VALDERS =VAL)

			2011										2010					
			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	MAR	VAL	(T/A)	Ton	Acre	CHP	MAR	VAL
Renk	RK530VT3P	CB,RR,RW	7.6	* 3050	23100	61.9	46	54	35	7.5	7.2	8.0						
Foundation Direct	8822GT	RR	8.0	2990	* 24000	62.3	48	54	33	* 8.7	8.0	7.3						
Dairyland	HiDF32979	CB,LL,RR,RW	6.6	2920	19200	63.6	48	52	33	5.2	7.5	7.2						
Mycogen	TMF2R522	CB,LL,RR,RW	8.0	3000	* 24100	63.7	48	54	33	* 8.7	7.2	8.1	7.2	3140	* 22600	* 8.2	5.9	7.5
Mycogen	TMF2L418	CB,LL,RR,RW	7.9	2990	23700	63.9	49	55	31	8.0	7.7	8.1	7.2	3090	* 22500	* 7.8	* 6.6	7.4
Dekalb	DKC45-51	CB,LL,RR,RW	7.7	2990	23100	64.8	48	54	34	8.1	7.4	7.7						
MEAN			7.9	3050	24100	59.3	46	53	37	8.0	7.7	7.9	7.1	3150	22400	7.6	6.5	7.2
LSD(0.10)**			0.7	110	2700	4.0	2	2	3	0.8	0.9	0.7	0.7	90	2700	1.0	1.5	0.9

[†] Traits: CB = Corn Borer, LL = Liberty Link, RR = Roundup Ready, RW = Corn Rootworm, bmr = Brown Mid Rib, lfy = Leafy, ND = Nutri-Dense.

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)

99 DAY RELATIVE MATURITY OR LATER, BASED ON COMPANY RATING (CHIPPEWA FALLS = CHP, MARSHFIELD = MAR, VALDERS =VAL)

			2011										2010					
			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	MAR	VAL	(T/A)	Ton	Acre	CHP	MAR	VAL
Legacy Seeds	L3910	CB,LL,RR,RW	*8.2	2970	24400	59.5	48	53	34	*9.1	*7.8	7.6						
CB Seeds	5404	None	7.7	*3110	24100	59.9	46	55	37	7.2	*7.7	8.2	*7.5	*3060	*22700	*8.2	7.3	*7.0
Legend Seeds	9100-3111Vip	CB,LL,RR,RW	*8.4	2960	24900	60.3	49	53	33	*9.4	*8.0	7.7						
NuTech	5N-102	CB,LL,RR,RW	8.1	3010	24200	60.5	48	54	35	8.3	*8.1	7.8						
Prairie Hybrids	282	None	7.4	2950	22000	61.0	49	53	33	8.2	6.8	7.2						
Prairie Hybrids	1452	None	7.8	2980	23100	61.3	48	53	34	7.8	7.4	8.1						
NuTech	5N-001	CB,LL,RR,RW	7.9	3010	23900	61.3	48	54	34	8.8	6.9	8.1	7.0	*3050	*21300	7.2	7.1	6.5
Renk	RK565GTCBLLRW	CB,LL,RR,RW	*8.6	3020	*26200	61.3	48	55	34	*10.2	7.6	8.1						
Croplan Genetics	5338VT3P	CB,RR,RW	8.0	*3080	24700	61.5	47	55	36	8.5	7.2	*8.4						
Renk	RK698VT3	CB,RR,RW	*8.9	*3080	*27500	61.6	45	53	38	*9.3	*8.7	*8.8	*7.6	*3110	*23800	*7.6	*8.4	6.7
Trelay	5VP688	CB,RR,RW	*8.2	3030	24800	62.0	47	53	36	8.6	*7.9	8.0						
100-DAY HYBRID TRIAL AVERAGE##						62.4												
Dairyland	HiDF3301	None	7.8	*3060	23800	62.6	46	53	37	8.5	7.1	7.7						
Pioneer	P0115AM1	CB,LL,RR,RW	8.0	*3090	24800	62.7	46	54	37	8.5	7.4	8.1						
Garst	86J49-3000GT	CB,LL,RR,RW	*8.6	*3110	*26900	62.7	47	56	35	*9.8	*8.0	8.1	*7.5	*3100	*22400	7.2	8.0	*7.2
G2 Genetics	5H-0201RRHX	CB,LL	*8.5	3020	*25700	63.0	47	53	36	*9.6	*7.7	8.1						
G2 Genetics	5X-501RRHXT	CB,LL,RR,RW	7.5	*3120	23400	63.1	46	56	35	7.5	7.0	7.9						
Pioneer	P0448XR	CB,LL,RR,RW	*8.2	*3070	*25300	63.2	47	55	35	8.1	7.6	*9.0						
FS Seed	50SV4	CB,RR,RW	7.1	*3070	21900	63.3	47	55	35	7.0	6.9	7.5						
Legend Seeds	47J104-3000GT	CB,LL,RR,RW	7.8	*3080	24100	63.4	47	56	33	7.8	7.5	8.2						
NuTech	5N-803	CB,LL,RR,RW	*8.3	*3050	*25500	63.4	47	55	35	8.9	*8.1	8.0						
Partners In Production	5804	CB,LL,RR,RW	8.1	*3130	*25300	63.6	45	55	36	8.2	7.4	*8.7						
Legend Seeds	9101VT3Pro	CB,RR,RW	7.0	*3070	21600	63.7	48	56	35	6.5	7.0	7.6						
Viking	LFY2200N	None-lfy	7.8	2930	23000	63.7	50	54	31	8.0	*7.9	7.7						
Croplan Genetics	5438SS	CB,LL,RR,RW	8.1	2990	24300	64.4	48	54	34	*9.0	7.4	8.0						
105-DAY HYBRID TRIAL AVERAGE##						64.6												
Dairyland	ST9703Q	CB,LL,RR,RW	7.3	2990	21900	64.7	49	54	33	6.7	*7.7	7.5	7.0	3020	*21500	7.3	7.4	6.4
Foundation Direct	8544	None	8.0	2980	24000	64.9	49	54	34	8.6	*7.7	7.8						
Legacy Seeds	L5350	CB,LL,RR,RW	8.1	3020	24600	65.0	48	54	34	8.3	7.5	*8.6	*7.8	*3110	*24300	*8.1	*8.1	*7.3
Dairyland	HiDF37029	CB,LL,RR,RW	7.9	2990	24000	65.0	49	54	34	8.9	6.3	*8.6						
Pioneer	35F48AM1	CB,LL,RR,RW	7.4	3010	22300	65.3	48	55	34	8.0	6.5	7.6						
Partners In Production	8204	CB,LL,RW	*8.4	2780	23400	65.4	53	52	29	8.7	*7.7	*8.8						
Renk	RK694GTCBLLRWBL	CB,LL,RR,RW	8.1	2940	24000	65.5	50	54	31	8.8	6.8	*8.8	*7.5	*3080	*22400	*8.2	7.6	6.7
Legacy Seeds	L4310	CB,LL,RR,RW	7.4	2980	22200	65.9	49	55	31	7.4	7.5	7.4						
Trelay	6ST620	CB,LL,RR,RW	7.8	2950	23100	65.9	49	54	33	8.3	7.4	7.7						

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

99 DAY RELATIVE MATURITY OR LATER, BASED ON COMPANY RATING (CHIPPEWA FALLS = CHP, MARSHFIELD = MAR, VALDERS =VAL)

			2011										2010					
			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	MAR	VAL	(T/A)	Ton	Acre	CHP	MAR	VAL
Croplan Genetics	S6100VT	CB,RR-lfy	7.6	2840	21600	66.0	52	54	27	8.1	6.7	7.9						
Trelay	6VP982	CB,RR,RW	* 8.5	3020	* 25800	66.0	47	54	34	* 9.3	* 8.0	8.3						
Mycogen	F2F488	CB,LL,RR,RW-bmr	6.7	* 3120	21000	66.0	50	61	30	7.2	6.3	6.4						
Dairyland	HiDF30089	CB,RR,RW	* 8.3	2900	24100	66.3	51	54	29	* 9.1	* 7.7	8.1						
Croplan Genetics	S4900VT	RR,RW-lfy	6.4	2900	18700	66.6	52	55	29	6.3	6.3	6.6						
Dairyland	HiDF3105Q	CB,LL,RW	* 8.6	2830	24600	67.4	52	52	30	* 9.8	7.6	* 8.5						
Croplan Genetics	6425VT3	CB,RR,RW	7.6	2910	22200	67.5	50	53	31	7.4	7.3	8.1	* 7.9	2980	* 24500	* 8.0	* 8.3	* 7.5
MEAN			7.9	3000	23800	63.7	48	54	33	8.3	7.4	8.0	7.3	3030	22100	7.6	7.4	7.0
LSD(0.10)**			0.7	90	2500	2.8	2	2	3	1.3	1.0	0.7	1.0	100	3200	1.5	1.2	0.9

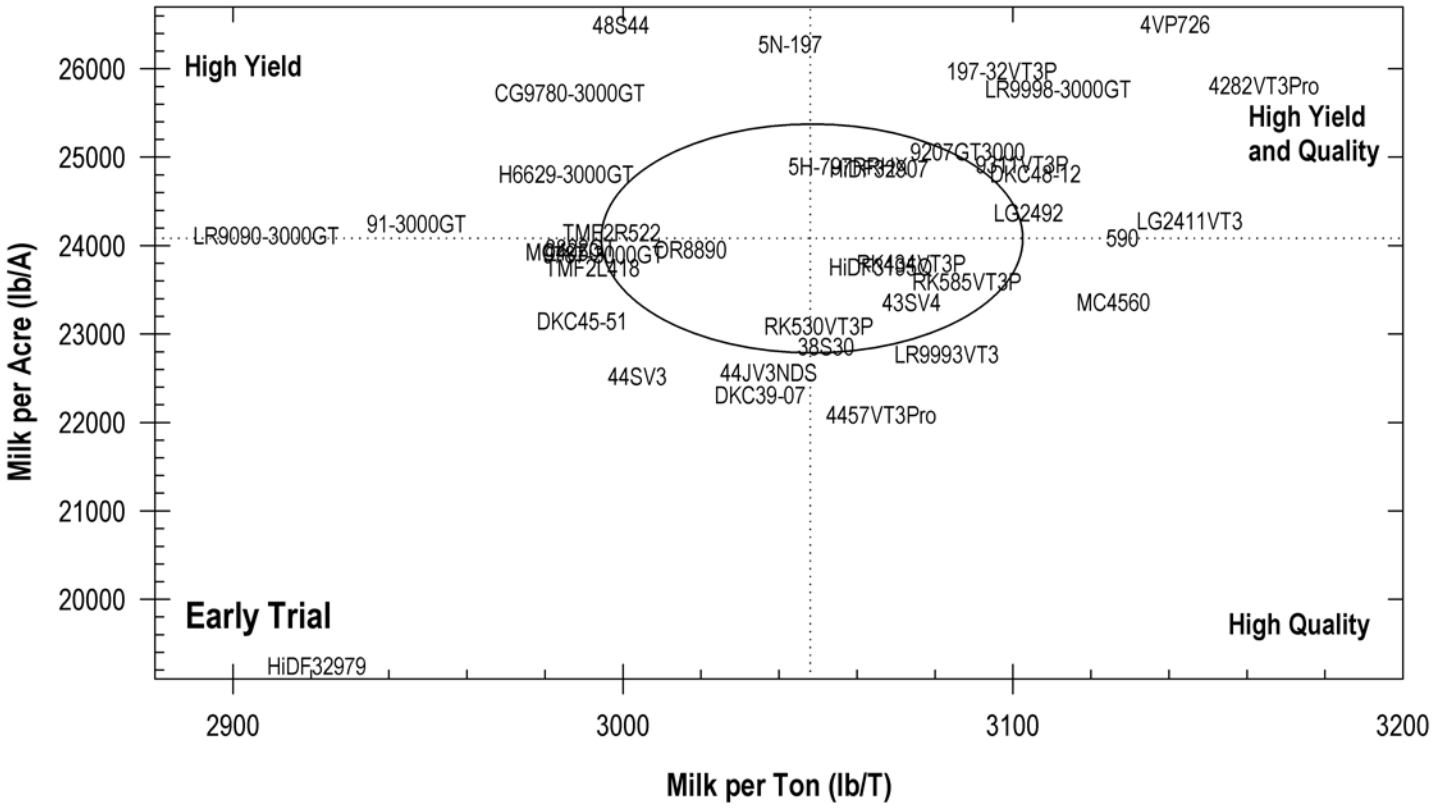
† Traits: CB = Corn Borer, LL = Liberty Link, RR = Roundup Ready, RW = Corn Rootworm, bmr = Brown Mid Rib, lfy = Leafy, ND = Nutri-Dense.

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 2011



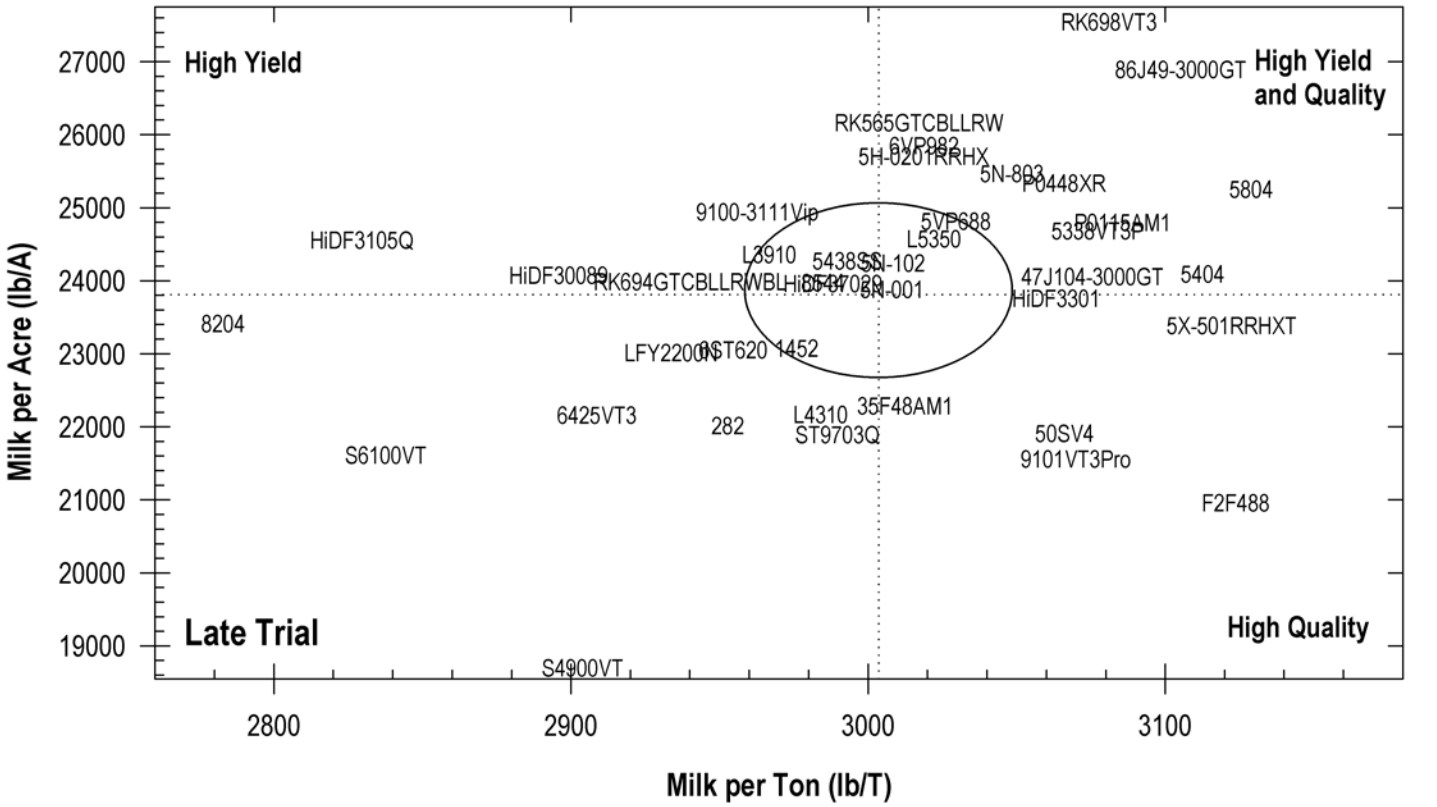


Table 20. Northern Zone Silage Trial.

(COLEMAN = COL, MARSHFIELD = MAR, SPOONER-IRRIGATED = SPI, SPOONER-SILT LOAM = SPS)

			2011											2010					
			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	%	%	%	%	COL	MAR	SPI	SPS	(T/A)	Ton	Acre	COL	SPI	SPS
Dekalb	DKC30-20	CB,RR,RW	5.9	3040	18000	54.1	46	52	36	6.5	6.3	6.3	4.6						
NuTech	5N-186	CB,LL,RR,RW	7.3	* 3070	22300	56.6	47	55	37	* 8.5	7.4	7.4	5.7						
Legend Seeds	9787-3000GT	CB,LL,RR,RW	* 7.9	* 3080	* 24300	57.5	47	55	36	7.8	* 8.9	* 8.3	* 6.6						
G2 Genetics	5X-8901RRHXT	CB,LL,RR,RW	7.3	* 3150	* 22900	58.1	46	57	36	* 8.5	7.2	* 7.9	5.5						
Blue River Hybrids	19K19	None	6.7	3020	20300	58.8	49	56	33	7.6	7.2	6.6	5.6						
85-DAY HYBRID TRIAL AVERAGE##						58.9													
Dekalb	DKC35-43	CB,RR,RW	6.8	3050	20700	59.5	47	55	35	7.3	7.1	7.1	5.6	7.1	3220	* 23700	* 6.4	8.2	6.8
Blue River Hybrids	23L99	None-lfy	7.0	2910	20400	59.9	52	55	28	7.2	7.3	7.2	* 6.5						
Pilgrim	8900GT	RR	* 7.7	* 3090	* 23900	60.0	46	55	36	8.2	* 7.9	* 8.0	* 6.7						
Renk	RK302GTCBLLRW	CB,LL,RR,RW	* 8.2	2980	* 24400	60.1	47	51	37	* 8.5	* 8.3	* 8.8	* 7.1						
NK Brand	N29T-3000GT	CB,LL,RR,RW	* 8.2	3020	* 24800	60.5	47	53	37	* 10.3	* 8.0	* 8.8	5.8						
Garst	89M60-3000GT	CB,LL,RR,RW	7.1	2990	21200	60.8	49	55	33	8.3	6.7	7.5	5.9	* 7.4	3230	* 24100	5.9	8.4	* 7.7
Renk	RK295GT	RR	7.4	3020	22300	61.5	48	54	34	7.6	7.2	* 7.9	* 6.8						
Legacy Seeds	L2999	CB,LL,RR,RW	* 8.0	3000	* 23900	61.6	47	53	37	* 9.0	* 8.0	* 8.4	* 6.4						
NuTech	5N-290	CB,LL,RR,RW	* 8.0	2990	* 23800	61.7	48	53	36	* 9.1	7.6	* 8.8	* 6.3						
90-DAY HYBRID TRIAL AVERAGE##						61.8													
Golden Harvest	H6629-3000GT	CB,LL,RR,RW	* 8.1	2970	* 24000	62.1	48	52	36	* 9.5	* 7.9	* 8.3	* 6.6						
Legacy Seeds	L3009	CB,RR,RW	* 8.0	3020	* 24200	62.7	49	56	34	* 9.2	7.2	* 8.8	* 6.7						
Pioneer	P9630AM1	CB,LL,RR,RW	* 7.7	2990	* 23200	62.9	49	55	34	* 9.4	* 8.0	* 7.9	5.6						
Blue River Hybrids	33L90	None-lfy	* 8.0	2860	* 22800	63.1	53	55	27	* 8.6	* 8.8	* 8.6	5.9						
Dairyland	HiDF32907	CB,LL,RR	* 8.3	3030	* 25200	63.3	47	54	35	* 10.3	* 8.1	* 8.1	* 6.7						
Foundation Direct	8830	None	* 7.8	3040	* 23700	63.6	48	55	34	* 9.2	6.9	* 8.4	* 6.6						
Renk	RK434VT3P	CB,RR,RW	* 8.1	3020	* 24700	63.7	49	56	32	* 9.9	* 8.2	* 8.2	6.2						
NuTech	3A-889	RR	7.3	2980	21700	63.8	49	55	33	7.5	7.8	7.7	6.2	* 8.1	* 3290	* 27400	* 7.8	* 9.2	* 7.4
Legend Seeds	9993VT3	CB,RR,RW	7.1	3050	21600	64.0	49	56	34	7.6	6.6	* 8.2	6.0						
95-DAY HYBRID TRIAL AVERAGE##						64.0													
Partners In Production	8295	RR,RW	* 8.0	2890	* 23200	65.1	52	55	30	7.6	* 8.9	* 8.8	* 6.9						
Pioneer	P0115AM1	CB,LL,RR,RW	* 7.7	3020	* 23400	65.8	50	56	32	* 10.1	* 8.3	7.0	5.5						
Mycogen	F2F488	CB,LL,RR,RW-bmr	7.1	* 3130	22200	68.6	53	64	25	* 9.3	6.2	7.4	5.4						
MEAN			7.6	3020	22800	61.5	49	55	34	8.6	7.6	7.9	6.1	7.5	3260	24400	6.2	8.8	7.4
LSD(0.10)**			0.7	80	2500	2.6	2	2	2	1.8	1.0	1.0	0.8	0.8	110	3800	1.9	0.9	0.8

† Traits: CB = Corn Borer, LL = Liberty Link, RR = Roundup Ready, RW = Corn Rootworm, bmr = Brown Mid Rib, lfy = Leafy, ND = Nutri-Dense.

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 2011.

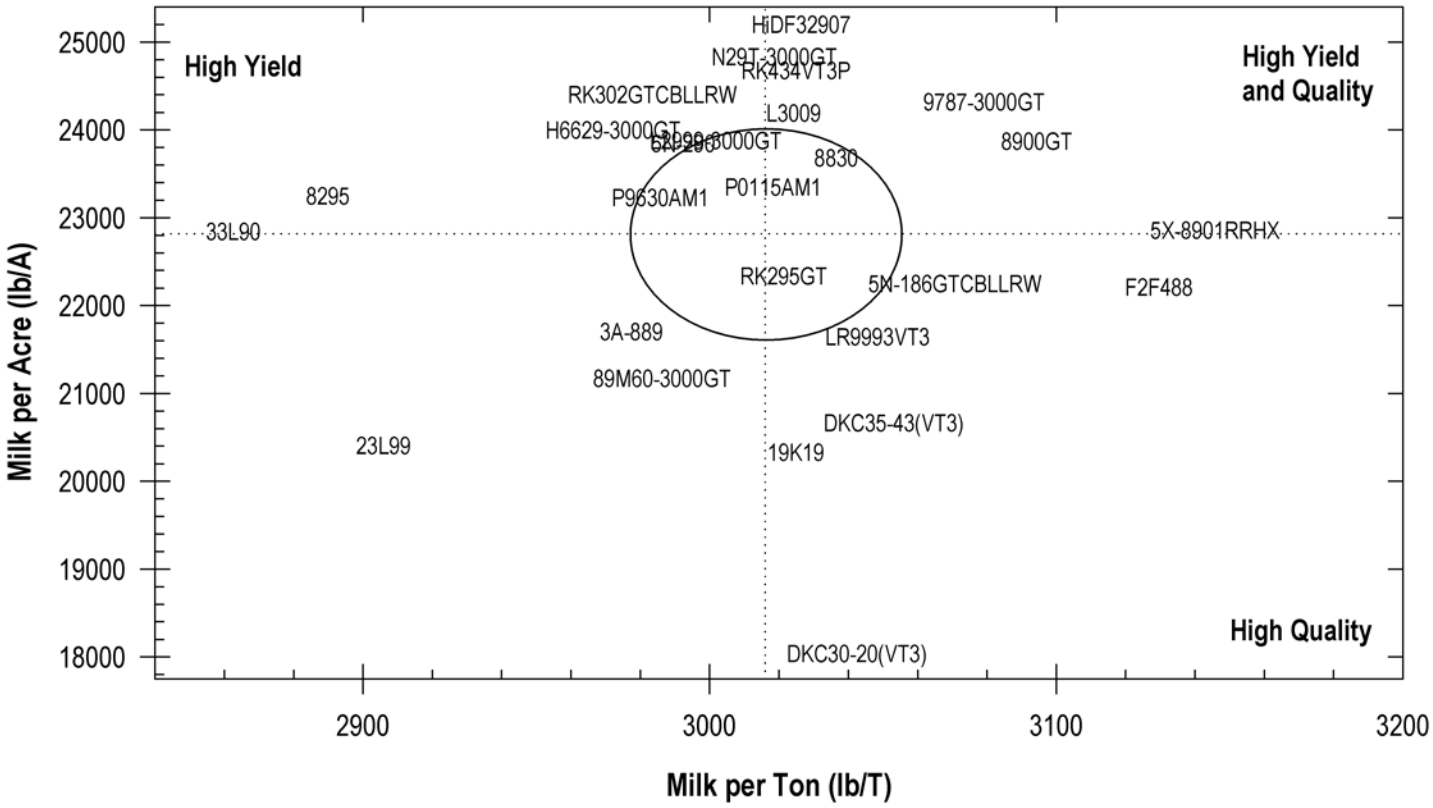


Table 21. Southern Zone - Conventional Grain Trial.

(ARLINGTON = ARL, JANESVILLE = JAN, LANCASTER = LAN)

			2011								2010				
			Average					Yield (bu/A)			Average		Yield (bu/A)		
Brand	Hybrid	Traits†	Yield (bu/A)	P.I. #	Moist %	Test Wt.	Lodge %	ARL	JAN	LAN	Yield (bu/A)	P.I. #	ARL	JAN	LAN
Great Lakes	4918	None	159	93	16.9	55	5	157	192	129					
Great Lakes	5291	None	* 195	* 101	17.4	53	9	* 213	223	149					
Prairie Hybrids	3074	None	* 204	* 104	18.4	57	7	175	* 232	* 204					
Pioneer	35F38	None	190	* 100	18.5	57	5	165	219	185	219	* 100	228	* 233	195
Cornelius	C462	None	* 205	* 104	18.5	56	7	* 193	* 233	190	* 221	* 100	* 254	206	* 204
Cornelius	C591	None	* 216	* 105	18.9	58	17	* 196	* 249	* 202	* 229	* 101	* 254	* 241	193
105-DAY HYBRID TRIAL AVERAGE##					19.4										
Prairie Hybrids	5879	None	* 220	* 108	19.4	57	6	* 207	* 237	* 216					
Prairie Hybrids	5200	None	189	98	19.4	55	13	* 208	222	137					
O'Brien	OB1151	None	* 194	* 100	19.5	54	8	159	* 229	194					
110-DAY HYBRID TRIAL AVERAGE##					19.9										
Cornelius	C510	None	* 197	* 101	20.0	57	11	172	224	195	* 226	* 101	* 240	231	* 206
Cornelius	C655	None	191	99	20.4	53	9	158	221	194					
O'Brien	OBX108	None	170	92	21.1	54	16	130	213	168					
O'Brien	OB1107	None	187	96	21.8	53	13	168	224	168					
MEAN			194	100	19.2	55	10	177	224	179	222	100	241	230	196
LSD(0.10)**			26	8	1.5	1	8	27	20	19	17	4	25	20	23

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. South Central Zone - Organic Grain Trial.

(FOND DU LAC = FON, GALESVILLE = GAL, HANCOCK = HAN)

			2011								2010				
			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
Blue River Hybrids	34C17	None	170	95	16.3	57	5	152	179	182					
Foundation Organic	8803UT	None	170	93	16.9	55	9	196	187	130					
Foundation Organic	OR8787	None	196	* 100	18.4	56	6	184	209	196					
Foundation Organic	8822UT	None	196	* 100	18.5	57	6	200	197	194					
Blue River Hybrids	41R00	None	196	* 100	18.7	56	6	194	188	* 204					
Viking	6001N	None	* 223	* 107	18.9	57	1	218	228	* 224					
Blue River Hybrids	47P37	None	* 208	* 102	19.9	57	5	202	229	191					
Viking	7001PM	None	194	99	20.1	57	6	195	201	185					
100-DAY HYBRID TRIAL AVERAGE##					20.2										
Prairie Hybrids	1711	None	* 202	* 100	20.3	55	7	201	217	187	190	100	183	* 221	162
Blue River Hybrids	45R37	None	199	* 100	20.3	54	6	200	209	187					
Blue River Hybrids	48B30	None	192	96	20.6	55	16	194	185	195					
Viking	O.6999N	None	199	99	20.7	55	7	206	224	168					
Organic	B UTC-Hand Weed	None	* 211	* 102	21.1	56	9	* 235	213	189	* 200	* 103	* 222	197	171
Organic	B UTC	None	* 210	* 102	21.6	55	6	213	228	191	* 202	* 103	* 231	192	174
Blue River Hybrids	53R57	None	* 204	99	21.8	53	12	203	220	187					
105-DAY HYBRID TRIAL AVERAGE##					22.0										
Prairie Hybrids	3081	None	* 209	* 101	23.0	55	3	208	229	188	183	98	193	201	152
Foundation Organic	OR8400	None	* 227	* 103	24.8	51	13	206	* 266	* 207					
MEAN			200	100	20.1	55	7	200	212	189	188	100	196	197	167
LSD(0.10)**			26	7	1.4	1	8	16	17	24	21	6	19	23	38

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. North Central Zone - Organic Grain Trial.

(CHIPPEWA FALLS = CHP, MARSHFIELD = MAR, SEYMOUR = SEY, VALDERS = VAL)

			2011								
			Average					Yield (bu/A)			
Brand	Hybrid	Traits†	Yield (bu/A)	P.I. #	Moist %	Test Wt.	Lodge %	CHP	MAR	SEY	VAL
Blue River Hybrids	26A17	None	* 123	* 95	19.1	53	1	144	121	* 114	107
Viking	O.8590N	None	* 139	* 101	19.7	53	0	* 160	* 129	* 107	* 158
Blue River Hybrids	24M79	None	* 144	* 102	19.9	53	6	* 158	* 134	* 148	* 131
90-DAY HYBRID TRIAL AVERAGE##					20.1						
Foundation Organic	OR8900	None	* 142	* 101	20.1	52	4	* 161	* 137	* 151	* 123
Blue River Hybrids	25A16	None	* 143	* 102	20.4	51	4	* 160	120	* 135	* 165
Foundation Organic	8803UT	None	* 148	* 103	21.0	51	8	151	* 148	* 146	* 152
Viking	80-92UNT	None	* 146	* 103	21.0	52	1	* 170	* 153	* 131	118
Viking	O.6710	None	* 128	* 96	21.6	51	4	143	115	* 118	* 146
Organic	B UTC	None	* 140	* 99	23.8	51	1	* 168	* 137	* 124	* 128
Organic	B UTC-Hand Weed	None	* 133	* 96	24.6	52	1	* 162	* 142	* 110	119
MEAN			138	100	21.1	52	3	158	134	128	135
LSD(0.10)**			25	9	2.5	1	4	15	28	46	44

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 24. Comparisons over time of all hybrids tested between 2009 and 2011. 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
AgPro	
33C08	09
AgVenture	
*AV7597V3R	08*
*AV7729CBLL	08,07*
*G6512	09*,08*
*GL7729ABW	09*
*R3530VBW	09*
*R4926VBW	08*
*R5677VBW	08*,07*
R6608YBW	08
*R6864	09*,08*
RL5381HB	09
*RL5906HBW	08*
AgriGold	
A6149VT3	10
A6192STX	11,10
A6203VT3	11
A6220VT3	09
A6220VT3Pro	11,10
*A6225VT3	09,08,07*
A6256STX	11
*A6276VT3	11*,10*
*A6279VT3	09,08*
A6309STX	10
*A6309VT3	09*,08*
A6311GT3Vip	11
A6319VT3Pro	11
A6320VT3	09
*A6323CL	09*,08*
*A6323GT3	11*,10*
*A6325VT3	10*,09,08*
*A6329VT3Pro	11*
A6359STX	11
*A6384VT3Pro	11*
*A6389VT3Pro	11*
*A6394VT3	08,07*
A6399VT3	09,08,07
A6421STX	10
*A6436VT3Pro	11*
*A6439VT3	10*,09*,08*
*A6458VT3	11*,10*
*A6459VT3	09*,08
A6474VT3	08
*A6476VT3Pro	11*
*A6533VT3	10*,09*
Blue River Hybrids	
*19K19	11,09*
23L99	11
*24M79	11*
*25A16	11*,10
*25M90	09*,08*
*26A17	11*
*30A12	09*
30B19	08,07
*33L90	11*,10*,09
34C17	11
36K71	10
*36R19	09*
*41R00	11*,09*,08*
*42A32	08*
*44R57	10*,09*
*45R37	11*
*46L96	11*,10*,08,07
*46M96	09*
*47P37	11*
*48B30	11*,10*,09*,08*,07
*53R57	11*,10*,09*

Brand / Hybrid	Year(s) tested
*56M30	08*
59L36	09,08
*61L30	10*
CB Seeds	
*3150	11,10*
*5404	11*,10*
*5426	10*
*5626	11*
Carharts Blue Top	
C9000Bt	08
*CG102-3000GT	11*
CG8300GT	11
CG8500GT	11
*CG9780-3000GT	11*
*CR1000HXT	09*
CR105RR	09
CR105VT3	10
*CR1185RR	11*
*CR1185VT3	10,09,08*
*CR1857RB	08,07*
*CR1857VT3	09*
CR1995VT3	08
*CR5000VT3	09*
*CR6103RR	09*
*CR8992RR	10*
*CR8992VT3P	11*
CR9680VT3	10,09,08
*CR9910RR	10*
*CR9910VT3P	11*
Channel	
189-59VT3 Brand	10
190-20R Brand	09
*190-95VT3P	11*
193-45R Brand	09
*193-46VT3 Brand	10*
194-70VT3 Brand	09
195-46VT3 Brand	09
*196-06VT3 Brand	10*
196-06VT3P	11
197-14VT3 Brand	09
*197-32VT3P	11*
*199-55VT3	11*,10*,09*
200-22VT3 Brand	09
201-16VT3 Brand	10
201-79VT3P	11
201-84R Brand	10
*203-43VT3P	11*
*205-94VT3 Brand	09*
*207-07VT3 Brand	09*
*209-77VT3	11*,10*
*209-85VT3P	11*
210-57VT3 Brand	09
*210-61VT3 Brand	09*
*211-84T Brand	09*
*212-34VT3 Brand	09*
Cornelius	
*C280-3000GT	11*
*C282	11,10*
C285VT3P	11
*C286-3000GT	10,09*
C307	11
*C317XTLLRR	10*,09*
C319VT3	09
*C329-3000GT	10*
*C339VT3	11*
*C341	11*,10*
*C344VT3P	11*

Brand / Hybrid	Year(s) tested
*C382YG	08*,07*
*C428XTLLRR	11,10*,09
*C447VT3	11*,10*,09,08
*C454XTLL	11,10*,09*,08*
*C459SS	11*
*C462	11*,10*,09*,08*,07*
*C462-3000GT	11*
*C466XTLL	08*
*C510	11*,10*
*C536SS	10*
*C547VT3	10*,09*,08
*C582VT3P	11*
*C591	11*,10*,09*,08*
*C594VT3P	11*
*C595YG	10*,09*,08*
*C619XTLL	11*
*C649VT3	11,10*,09*,08
C655	11
Croplan Genetics	
*238VT3	09*,08
2520TS	08
*2520VT3	11,10*,09
2538RR	08
2738SS	11
2738VT3	10
*3114VT3	11,10*,09*,08*
*3390VT3P	11*
*3424SS	11*,10
*3456VT3	09,08*
*3514VT3	11*,10*,09*,08*
*3632AS3000GT	11*
*3724VT3	10,09,08*
*388TS	10*,09,08*
4015VT3	08
*4022RR	11*
*4033	10*
*4033VT3P	11*
421VT3	09,08
*4338SS	11*
*4338VT3	10,09*
4801VT3	09,08
*5237SS	11,10*
*5338VT3	10*,09*,08*
*5338VT3P	11*
*5438SS	11*
*5757VT3	11*
*5891VT3	10*,09*
*5892VT3	08*
*591VT3	10*,09*,08*
6069AS3GT	08
*6100VT2	08*
*6125VT3	11*,10*,09*
6226VT3	08
*6425VT3	11*,10*
*645TS	09*,08*,07*
*6818VT3	10,09,08*
*6831RHXT	11*,10,09*
6831TS	08,07
*7505VT3	09*
*8221VT3	08*
*S4900	08*
*S4900CR	09*
S4900VT	11
S4900VT3	10
*S6100VT	11*
*S6100VT3	10*,09*
Crows	
1466R	08
*1685VT3	08*

Brand / Hybrid	Year(s) tested
*1725VT3	08*
*1807VT3	08,07*
*1928R	08*
*2123VT3	08*
*2155VT3	08*
*3848VT3	08*
*4354VT3	08*
4822B	08
*4846T	08*,07*
DahIco Seeds	
6944VT3	08
7071VT3	08
7810VT3	09,08
*7871GTCBLL	09,08*
*7881VT3	09*,08*
7931GTCBLL	09,08
*7951GTCBLL	09,08*
8001GTCBLL	09,08
8021VT3	09,08
*8041GTCBLL	09*
8111VT3	09
8811GTCBLL	08
8841VT3	09,08
8961VT3	09,08
Dahlman	
*D4356	10*,09*,08*,07*
*D4356CBLL	09*
*D4462	08,07*
R4010	11
R4144	10
*R4330GENVT3P	11*
R4342CB	08
*R4342VT3	10*,09*,08
*R4466RR	11*,10*
R4525VT3	08
R4530GENVT3P	11
*R4546RR	11*,10*
*R45S15	08,07*
*R4807VT3	09,08*
R4830GENVT3P	11
*R4849VT3	10*
*R4928VT3	09,08*
Dairyland	
*EX10801	10*
HiDF3000-6	08
*HiDF3000-9	10*,09*
*HiDF3007	09,08*,07*
*HiDF3008-4	09,08*,07*
*HiDF30089	11*
*HiDF3012-6	08,07*
*HiDF3085-6	08*,07*
*HiDF3104	09*,08*
*HiDF3105Q	11*,10*,09*
*HiDF3110-6	10,09*,08*
*HiDF3110Q	11*
*HiDF3187-7	10*,09*
*HiDF3195Q	11*,10*,09*
*HiDF3212	11*
*HiDF32907	11*
HiDF32979	11
*HiDF3301	11*
*HiDF37029	11*
ST1809	10
*ST1811	11*
ST1898	10
*ST4006	08,07*
*ST6310	10*
ST6382	10

Table 24 (continued). Comparisons over time of all hybrids tested between 2009 and 2011. 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
*ST6494	11*,10*
*ST6992	10*,09*
*ST7196	08,07*
*ST7286	09,08*
ST7291	11
*ST7789	09*,08*,07*
ST7790	09
ST7891	08
*ST7985	10*,08*
*ST8208	09*,08*,07*
ST8404	09,08
*ST9002	08*
*ST9005	08*
ST9006	09,08
*ST9009	09*,08*
*ST9085	11*
*ST9196	10*,09,08,07*
*ST9206Q	10,09*
ST9206SSX	11
ST9208Q	10
*ST9210SSX	11*
ST9286SSX	11,10
ST9303SSX	11
*ST9308SSX	11*
*ST9395SSX	11*,10*,09*
*ST9399	11*
ST9500Q	10,09
*ST9500SSX	11*
*ST9597Q	10,09*
*ST9703Q	11,10*,09
ST9710SSX	10
ST9789SSX	11
*ST9789VT3	11*,10,09*,08*
*ST9799	11,10*,09,08*,07*
*ST9810	09*
*ST9902	08*
ST9903	11
*ST9992	11*
Dekalb	
DKC30-20	11,10
*DKC33-54(RR2)	09,08*
*DKC33-72(RR2)	08,07*
*DKC35-19(RR2YGCB)	09*,08*
*DKC35-43	11*,10*
*DKC36-34	11*,10,09
*DKC38-89(VT3)	10*,09*,08*
*DKC39-07	11*
DKC40-20(VT3)	09
*DKC41-60(VT3)	09*,08*
*DKC42-72	11*,10*
*DKC42-91(VT3)	08*
DKC43-27	11,10,09,08
DKC44-92(RR2)	09
*DKC45-51	11*
*DKC45-52(GENVT3P)	10*
*DKC45-79(VT3)	09*,08*
DKC46-07	11
*DKC46-60(VT3)	09,08,07*
*DKC48-12	11*
*DKC48-37	11,10,09*
*DKC48-46(RR2YGPL)	08*
DKC49-94	11
*DKC50-35(VT3)	10*
*DKC50-44(VT3)	09,08*
DKC50-66(VT3)	10
*DKC51-86(GENVT3P)	10*
*DKC52-43(VT3)	08*
*DKC52-59	11,10*,09*,08*
*DKC53-76(VT3)	10*
*DKC53-78	11*

Brand / Hybrid	Year(s) tested
*DKC54-16(VT3)	08*
DKC54-49(VT3)	09
*DKC55-07(VT3)	09*
*DKC55-09	11*
*DKC55-24(VT3)	09*
*DKC57-50	11*,10*,09*
*DKC57-66(VT3)	09*
*DKC57-79	11*,08*,07*
DKC58-83(GENVT3P)	10
*DKC59-35	11*,10*
*DKC59-64	11*,10*,09*
*DKC61-69(VT3)	10*,09*,08*
*DKC62-09	11*
*DKC62-97	11*
*DKC63-42(VT3)	08*
*RX674VT3(VT3)	08*
Dyna Gro	
*52P81	08*,07
*52V01	09*,08*
*54V78	09*,08
*55R10	09,08*,07*
*55V18	08,07*
*55V48	09*
55V71	08
56R29	09
57P28	08
*57V40	09*
57V98	09,08
*CX07102	08*
*CX07305	08*,07*
CX08711	08
V2483VT3	09
V3593VT3	09
V3883VT3	09
*V4993VT3	09*
FS Seed	
34SV3	11,10,09
*38S30	11*
*42SV3	10*,09*
*43SV4	11*
*44JV3NDS	11,10*
*44SV3	11,10*,09*,08*
*48S44	11*
*49SX1	11*,10
*50SV4	11*
*52SV3	11*,10*
*53SV3	10*,09*,08*
*53TV4	11*
54SX1	10
*54TL2	11*
*54VX1	11*
*55KV2NDS	10*
*56SV3	10*,09*,08*
*56TV4	11*
*57SV3	11,10*
*58MV4	11*
*58SV3	10,09*,08*
*59JV2NDS	11*,10
*60MV4	11*,10
60S44	10,09
*60TV4	11*
*61BX1	11*,10*
*62K47NDS	11*
*62MV4	11*
*E5003	10*
Farm Advantage	
87A03	08
87A10GL	08

Brand / Hybrid	Year(s) tested
87A99GL	08
*87X00	08*,07*
*87X04	08*,07*
Fielders Choice Direct	
NG6321	08
*NG6686	08*
*NG6720	08*
*NG6834	08*
Foundation Direct	
8455	11
*8475	10*
8544	11
8727	11
*8822GT	11*
*8830	11*,10*
8900CBRW	09
*OR8484	09*
OR8511	08
OR8511NC	08
OR8520	09
*OR8541NG	08*
*OR8585	09*
*OR8643	09*,08*,07
*OR8643NC	08*
*OR8772	09*
OR8777	09
*OR8800	09*,08*
*OR8822UT	10*
OR8870	09
*OR8890	11*,08*
*OR8947	09*
OR8951	09
OR8999	09
Foundation Organic	
*8803UT	11*
*8822UT	11*
*OR8400	11*
*OR8431	10*
*OR8445	10*
*OR8508	10*
OR8669	10
OR8736	10
*OR8787	11*
OR8791	10
*OR8797	10,09*,08,07
*OR8900	11*,09*
*OR8934	09*
G2 Genetics	
0A-016	08
*1H-005AHXLL	10*,09*,08*
*1H-005HXLL	09*,08
1H-911HXLL	08
1X-716HXTLL	08
*1X-911HXTLL	09*,08*
*3A-513RR	08*
5H-005ARRHX	10
*5H-005RRHX	10*,09*
*5H-007ARRHX	09*
*5H-007RRHX	10*,09*
*5H-0101RRHX	11*
*5H-0201RRHX	11*
*5H-0601RRHX	11*
*5H-0701RRHX	11*
5H-080RRHX	11,10
*5H-1001RRHX	11*
*5H-105RRHX	10*
*5H-1301RRHX	11*

Brand / Hybrid	Year(s) tested
5H-199RRHX	09
5H-212RRHX	08
5H-279RRHX	11
*5H-298RRHX	08*
*5H-404RRHX	10*
5H-492RRHX	11
*5H-501RRHX	11*,10*,09*,08*
*5H-502RRHX	11*,10*
5H-506RRHX	09,08
5H-508ARRHX	08
5H-508RRHX	08
*5H-509RRHX	10*
*5H-511RRHX	11*,10*
5H-513RRHX	11
*5H-515RRHX	11*,10*
*5H-516RRHX	10*
*5H-597RRHX	11*,10*
5H-608RRHX	10
*5H-696RRHX	10*
*5H-700RRHX	10*
*5H-702RRHX	08*
*5H-712RRHX	11*
*5H-797RRHX	11*,10*,09*
*5H-812RRHX	10*
5H-884RRHX	10,09
*5H-885RRHX	10*
5H-8901RRHX	11
*5H-8902RRHX	11*
*5H-891RRHX	10*
*5H-897RRHX	10*
*5H-905RRHX	11*,10*,09*
5H-909RRHX	10
*5H-992RRHX	10*
*5H-999RRHX	10*,09*
*5X-007ARRHXT	10*
5X-007BRRHXT	10
*5X-007RRHXT	11*,10*
*5X-100RRHXT	10*,09*
5X-206RRHXT	10
5X-210RRHXT	10
5X-411RRHXT	10
*5X-500RRHXT	10*
*5X-501RRHXT	11*
5X-594RRHXT	09
5X-598RRHXT	10
*5X-614RRHXT	09*
*5X-707RRHXT	09*
*5X-711RRHXT	10,09*
*5X-795RRHXT	11*
5X-802RRHXT	09
*5X-8901RRHXT	11*
*5X-895RRHXT	11*,10*
*5X-903HXT	11*
*5X-905RRHXT	11*,10*,09*
*5X-908RRHXT	11*,10
*5X-909BRRHXT	09*
*5X-909RRHXT	11*,10*,09*
*5X-9101RRHXT	11*
*5X-915RRHXT	09*
5X-999HXT	11
Garst	
82K79GT	08
*8384CBLLRW	08*
83C55-3000GT	09
8452CBLL	08
*84A53GTCBLL	09*
84F34-3000GT	09
*84G70-3000GT	10*
84G70-3111	11
*84H80-3000GT	08*

Table 24 (continued). Comparisons over time of all hybrids tested between 2009 and 2011. 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
85R29GTCBLL	08
*85V88-3000GT	11*,10*
*8687HXLLIT	08*
86G35-3000GT	09
*86J49-3000GT	11*,10*
*86M39-3111	11*
*86T82-3000GT	09*
*87G94-3000GT	09,08*
87U28-3000GT	11
87W95GTCBLL	11
*88B38GTCBLL	09*
*88C97CBLL	08*
*88F74GTRW	08*
*88R16-3000GT	11*
*88R16GTCBLL	10*
88U62-3000GT	11
89J14-3000GT	11
89J14GTCBLL	10
*89K64GTCBLL	09*
*89M60-3000GT	11,10*,09
89V30-3000GT	10
*89Z07GTCBLL	08*
Gold Country	
*10007VT3	08*
*10204VT3	08*
*9404VT3	08*
*9608VT3	09*,08*
*9810VT3	08*,07*
Golden Harvest	
*H6186-3000GT	11,10*
H6276-3000GT	11,10
*H6467-3000GT	09*
*H6629-3000GT	11*
*H6629GTCBLL Brand	10*
*H7044-3000GT Brand	10*
*H7105-3000GT	11*
*H7891CBLL Brand	10*
*H7891GTCBLL	11*
H8211-3000GT	09
H8239-3000GT Brand	10
*H8239-3111	11*
*H8672-3000GT	11*,10*
H8818-3000GT	09
Great Lakes	
3090RR	10
3632G3VT3	10
*3730G3VT3	10*,09*,08
3872RR	11
*4041G3VT3	11*,10*,09*,08*
*4282VT3Pro	11*
*4415G3VT3	08,07*
*4457VT3Pro	11*
*4464G3VT3	10*
4481G3VT3	10,09
*4689G3VT3	11,09,08*,07*
4840VT3Pro	10
4918	11
4951BtRR	08
5090G3VT3	10
*5157G3VT3	11*
*5245G3VT3	11*
*5291	11*
*5306G3VT3	10*,09*
*5335X2	11*,10*,09*,08*
*5339GT3	11*
5416G3VT3	08
*5417	10*
*5450	10*,09
*5529RR	11*
5643VT3Pro	11
5783RR	09
*5939G3VT3	11,10*,09*
5995BtRW	08
*6354G3VT3	10*
Growmark	
FS34S31	08
FS4189VT3	08
*FS49SV3	09,08*
*FS51SV3	09*
*FS54SV3	09*
*FS5559VT3	08*
FS55JV3	08
*FS55SV3	09*,08*
*FS60AV3	09*,08*
*FS60JV3	08*
FS60K32NDS	09
FS61AV3	08
*FS61BV3	09*
*FS6299VT3	08,07*
*FSE3802	08*
Hughes	
1285GTCBLL	10
2795-3000GT	11,10
*2823HXRR	08*
3208CBLL	08
*3309	09*
*3309-3000GT	11*,10
*3639	09*
3878CBLLRW	08
*3928GT	09*
*4125-3000GT	10*
*4592VT3	09,08*
*4898HXT	08*
5124GT	10
*5456-3000GT	11*
*5594-3000GT	10,09*
6347VT3	08
*6435-3000GT	11,10*
ISU	
AR16026:S1704OP	08
Johnson Seeds	
*2195VT3	08,07*
2241RR	08
4806VT3	09
4846RR	09
*4852CBLL	09*
*4857-GT3	10*
*4869VT3	09*
4874CBLLRW	09
*4902CBLL	09*
*4902GTCBLL	10*
*4921RR	10*
*4925RRBT	09*
*4966VT3	10,09*
4977-3000GT	09
4983GTCBLL	09
7100CBLLRW	08
7189CBLLRW	08
*7192GTCBLL	08*
7199CBLLRW	08
*7804RRCRW	08*
7881GTCBLL	08
*7886VT3	08*
7892CBLLGT	08
7896VT3	08
Jung	
3385RR	08
*4183RRYGCB	08,07*
7171VT3	08
7236VT3	11,10,09
*7288VT3	09*
7296VT3	10
*7344VT3	09,08,07*
7362VT3	08
7385VT3	10,09
7410VT3	10
*7426VT3	08*,07*
*7429VT3	10*
*7447VT3	09*
7452VT3	10
*7454VT3	09,08*,07
*7475VT3	11,10,09*,08*
*7482VT3	08*,07*
*7487VT3	09*
*7514VT3	09*,08*,07
*7520VT3	10*
7S405	11
7S435	11
7S488	10
*7S555	11*,10*
*7V191	11*
*7V316	11*,10
*7V360	11*
7V429	11
7V546	11
*7V570	11*
HDS6098QRWRR	08
HDS65W44	08
*HDS7105VT3	08*
*HDS76V78	08*
Kaltenberg	
K2403VT3	08
K2615LLGTBt11	09
*K2801RR	08*
*K2951LLBt11	09*
*K3023RRPlus	09,08*
*K3038LLBt11	09*,08*,07*
*K3039LLGTBt11	09*
K3625LLGTBt11	09
*K3843RRPlus	08,07*
K3843VT3	09
*K4013VT3	09,08,07*
K4053VT3	09
K4149LLGT3	09
K4263VT3	08
*K4433VT3	08,07*
K4521LLRRHXT	09
K5163VT3	08
K5232RRLLBtHX	08
*K5332GT	09*
K5355LLGTBt11	09
K5578LLBt11	08
K5588LLRRHXT	09
K5823VT3	08
*K6046LLHXT	09*
K6165RRLLHXT	08
*K6355RRLLBtHX	08*
*K6645LLGT3	09*
K6648LLBt11	08
*K6663VT3	09*
K8095LFRR	08
*K8097LF	09*
*K8099LFRR	08*,07*
*K8105LFRR	08,07*
K8112LFRR	08,07
*K8610LF	09*
Kruger	
K1086RR	08
K1087RR	08
K1093RR	08
K1178RR	08
K1286RR	09
*K1295RR	08*
*K1490RR	08,07*
*K1500RR	08*,07
K1584RR	08,07
K1780RR	08
K2086RRYGCB	08
*K2087RRYGCB	08*
*K2090RRYGCB	09*,08*,07
K2381RRYGCB	09
*K3300RRHX	08*
*K5388YGCB	08*
*K6006VT3	09*,08*,07*
*K6007TS	09,08*
*K6008VT3	08*
*K6010VT3	09*
*K6011TS	08,07*
*K6093VT3	09*,08*
*K6094VT3	08*
*K6097VT3	09*,08*
*K6102VT3	09*,08*
*K6107VT3	08*,07*
*K6111TS	08*
*K6200VT3	09*
*K6208VT3	09*,08*,07*
*K6210TS	08*,07*
*K6212TS	08*
*K6295VT3	09*
*K6298VT3	09*,08
K6378VT3	09
*K6385VT3	09*
*K6388VT3	09*
*K6400TS	08*,07*
*K6401VT3	09,08*
K6408VT3	09
*K6410VT3	09*
*K6411VT3	09*,08*
*K6412VT3	09*,08*,07*
*K6490VT3	09*
*K6499VT3	09*,08*,07*
K6503TS	08,07
*K6606VT3	09*,08*
K6697VT3	08
*K7010YG+	08*
Kussmaul	
*GL-802Quad	11*
GL-885Quad	11
*GL-890Quad	11*
GL-903QuadVip	11
GL-905Quad	11
GL-907QuadVip	11
*GL-909Quad	11*
GL-987QuadVip	11
GL-993Quad	11
*GL-995Quad	11*
*GL-999QuadVip	11*
GL790GT	08
*GL802	09*
GL805	09
*GL885GT	10*
GL890GT	09
*GL890Triple	08*
GL895Triple	08

Table 24 (continued). Comparisons over time of all hybrids tested between 2009 and 2011. 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
*GL899GT	08*
*GL990	10*
K-HC2	08
K300AA	10
*K500	10,07*
K700	10,08
K710	08
K795	10,08
*K810	10,09*
*K903	10*
*K908	10*
*K989LL	10*
K993	10
*KX-706HX	08*
KX-8002HXT	09
*KX-8008HXT	09*
RFS610RR	08
SB590VTTriple	08
SB605VT3	08
SB710RR	08
SB788VT3	09,07
LG Seeds	
2466STX	10
*2543VT3	10*
LG2358VT3	10,09,08
*LG2362VT3	10,09*,08
*LG2411VT3	11*,10*,09*,08*
LG2414	11
*LG2426VT3	10,09,08*
LG2466VT3	09
LG2469VT3	08
*LG2477VT3	08,07*
LG2478VT3	09
LG2478VT3Pro	11,10
*LG2492	11*,10*
*LG2496VT3	09,08*
*LG2498BT	09*
LG2498VT3	10
*LG2501VT3Pro	11*
*LG2508VT3Pro	11*
*LG25093000GT	11*
*LG2509CL	09,08*
*LG2510STX	11*,10*
*LG2510VT3	09*
*LG2514VT3	09,08*
LG2525RR	10
*LG2527VT3	10*
*LG2532VT3	09*,08
LG2535STX	11
*LG2545VT3	08*
*LG2547VT3	10*
LG2548	08
LG2548RR	09
LG2548VT3	10
*LG2549VT3	11*,10*
*LG2552VT3	10,09*,08
Legacy Seeds	
L2310HXRR	10
L2650RR	09
*L2750	11,10*
L2811	11
L2820CBLLRW	08
*L2820GTCBLL	10*,09
*L2850VT3	09*,08*
L2910RR	10
*L2927VT3	08*
*L2999	11*
*L2999GTCBLL	10*
*L3009	11*

Brand / Hybrid	Year(s) tested
*L3009RR	10*
*L3009RRBT	09*
*L3110	11*
*L3295VT3	08*
*L3333VT3	09*,08*
L3538VT3	09
*L3610VT3Pro	11*,10*
L3750VT3	08
*L3910	11*
L4009HXTRR	09
*L4010	11*
L4029VT3	10
L4050VT3	08
*L4258VT3	10*,09*
L4310	11
L4409-3000GT	10
L4545LFY	08
L4938VT3	09
*L5309-3000GT	10*
L5309GT	09
*L5350	11*,10*
*L5350GTCBLL	10,09*,08*
*L5810	11*
L5950VT3	08
*L6600HX	08*
*L6609HXTRR	10*,09*
Legend Seed	
*LR9000-3000GT	10*
*LR9105RRHXT	10*
*LR9910GT	10*
*30J190	11*
*47J104-3000GT	11*
5080	11
*5096	11*
5901	11
*9090-3000GT	11*
*9100-3111Vip	11*
*9101VT3Pro	11*
9195VT2P	11
*9703VT3	10*,09*,08*
*9707RRHXT	09*,08*
*9787-3000GT	11*
*9787GTCBLL	09*
*9796VT3	08*
9798VT3	08
*9993VT3	11*,10*,09*
*9996VT3	10*,09*
*9998-3000GT	11*,10*
Lemke	
*2020	11,10*,09*
*2027-3000GT	11*
2183RRBt	08
*3081Bt	10,09*,07
*3087VT3	08*
*3112RR	10*
*3117VT3	11*
3150	11,10
*4047-3000GT	11*
4090	10
*4097VT3	11,09,08*
5077	09
*5141HX	10,09*,08*
*5160	11*,10,08
*6110	10*,09*,08*
*6117-3000GT	11*
6121	09
6187VT3	08
*7068Bt	08,07*
7158-3000GT	11,08

Brand / Hybrid	Year(s) tested
Masters Choice	
MC-490	10,07
*MC-530	08,07*
*MC-535	11,10*
MC-590	10
*MC4050	11*
*MC4560	11*
*MC5250	11*
*OG530	09*
*SP490VT3	08*
SP573VT3	08
*SP590	09*
Michael Fields	
GEM2xCH5N2-57	08
HM3	09
HM6	09
M632xM73xCH5N2-57	08
M73-2xCH5N2-57	08
Midwest Genetics	
68101R	08
*69205VT3	08*
*69575VT3	08*
*69704VT3	08*,07*
*70006R	08*
*70505VT3	08*
*72116VT3	08*
*76126VT3	08*
*76485VT3	08*
76804Y	08
*76996VT3	08*
*77125T	09*,08*,07*
Munson	
*14230-3000GT	11*,10
14236LL	09
18656LLRR	09
20455VT3	10
*4215GT	11*,10
*4485-3000GT	11*
*5033-3000GT	11*
*5033CBLL	09*
*5033CBLLGT	10*
*5237VT3P	11*
5396VT3P	11
*5720-3000GT	11*
*5720LL	10*
5841HXTRR	09
*5857-3000GT	11*
6048-3000GT	10
6053SS	11
6201VT3	10
6651-3000GT	10
*6744VT3	10*
LFS18260RR	10
LFS4937RR	10
*LFS6253RR	10*
Mycogen	
*2A397	11,10*
2A517	08,07
*2A551	11,10,09*
2C302	09
*2C441	10,09*
*2C598	08*
2C641	11
2D140	09
*2D326	08,07*
2D503	09
2D519	08

Brand / Hybrid	Year(s) tested
*2E696	09*
*2G192	11*
2G500	11
2H490	11,10
*2H523	10*
2H566	11
*2J337	11,10,09*,08*
2J463	09,08
*2J597	10*
2K152	08
*2K594	11,10*
*2K660	08*
*2K662	09*
*2M495	09,08*
*2P172	08*
*2P483	08*,07*
*2P484	09*
*2P486	11,10*
2P535	08
2P616	11
*2R428	08,07*
2R693	08
*2T220	09,08*
2T224	11,10
2T698	11
*2W587	09,08*
*2Y547	09*
F28726	09
F29309	09
*F2F383	10*
*F2F449	08*
*F2F487	08*
*F2F488	11*,10*
*F2F489	09*
*F2F569	11*
F2F622	11
*F2F633	08*
F2F665	10
*F2F699	08*,07*
*F2F699	10*,09*
F2F700	09
*F2F725	08*
F2F797	09,08,07
*TMF2L412	08*
*TMF2L418	11,10*,09
*TMF2L533	11*,10*
*TMF2N422	08,07*
TMF2P719	08
*TMF2Q296	09*
*TMF2Q716	09*,08*,07*
*TMF2Q717	11*,10*
*TMF2Q733	08*
*TMF2Q759	09*,08
*TMF2R521	09*,08*
*TMF2R522	11*,10*
TMF2W587	09
*TMF2W726	08*
*TMF2W727	11*
X12501RR	11
*X20302	10*
*X20337	11*
*X20436	10*
X20526	11
X21458	11
X21552	11
*X21671	11*
X29421	09
X29507	09
NK Brand	
*N19G-3000GT	10*

Table 24 (continued). Comparisons over time of all hybrids tested between 2009 and 2011. 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
N19G-3111	11
*N27B-3000GT	10*
N27B-3111	11
*N29T-3000GT	11*
*N29TGTCBLL	10*
N39M-3000GT	10
N39M-3111	11
*N49J-3000GT	11*
*N53W-3000GT	11*,10*
*N61P-3000GT	11*
*N68A-3000GT	11*
*N68T-GT	11*
*N68Y-3000GT	10*
Next Generation Seed	
*3787GTCBLL	09,08*
4893GTCBLL	09
4899	08
4998GTCBLL	09
4999GTCBLL	09
5802CBLLRW	08
*5804GTCBLL	09*,08*
5806-3000GT	08
5902GTCBLL	09
5903GTCBLL	09
NuTech	
0A-693	10
*0C-413YGCB	08,07*
*0C-603AYGCB	09,08*
*0C-603YGCB	09,08*
1B-202CBLL	09
*1B-290CBLL	09*
*1B-291CBLL	10*
*1B-592CBLL	10*
*1B-887CBLL	08*,07
1N-001CBLLRW	09
1N-109CBLLRW	10
1N-398CBLLRW	08
1N-695CBLLRW	09
1N-887CBLLRW	09,08
*3A-093RR	08*,07*
3A-095RR	08
*3A-100RR	10*
3A-313RR	08
3A-383RR	09
*3A-390RR	08*
*3A-406GT	10*
*3A-804GT	10,09*,08*
*3A-889	11,10*
3A-9901	11
3C-104RRYGCB	08
3C-115RRYGCB	09
*3C-300RRYGCB	08*
3C-389GTCB	09
*3C-408RRYGCB	08*
*3C-889RRYGCB	10*,09*
*3P-191RRYGPL	09,08*,07*
*3P-302RRYGPL	08*,07*
*3P-494RRYGPL	09,07*
*3P-616RRYGPL	08*
3P-708BRRYGPL	08
3P-708RRYGPL	08
*3T-013VT3	09*
*3T-096VT3	08*
*3T-098AVT3	09,08*,07*
*3T-098VT3	10*,09*,08*,07*
*3T-106VT3	09*
3T-109VT3	08
*3T-110VT3	10,09,08*
3T-294VT3	10
3T-295VT3	09
3T-300VT3	09
*3T-310VT3	08,07*
3T-311VT3	08
3T-388VT3	08
*3T-390VT3	09*
*3T-393VT3	10,09,08*,07*
3T-401VT3	10
3T-408VT3	09
*3T-413VT3	10*,09*
3T-415VT3	08
3T-482VT3	10
*3T-484VT3	10,09*,08
3T-500VT3	08
3T-510VT3	08
*3T-514VT3	08*
*3T-600VT3	09*
3T-601VT3	09
*3T-603VT3	10*,09
*3T-706VT3	09*
*3T-708VT3	10*
3T-710VT3	08
3T-713VT3	10
3T-801VT3	09
*3T-808VT3	10*,08,07*
3T-810VT3	10
*3T-894VT3	09*
*3T-904VT3	09*
3T-912VT3	08
3U-216VTRRLFY	09
3W-403RRYGRW	08
*5B-0205	11*
*5B-186GTCBLL	10*
*5B-290GTCBLL	10*
*5B-398GTCBLL	09*
5B-593GTCBLL	09
*5B-804GTCBLL	09*
*5B-887GTCBLL	10*,09*
*5N-001	11,10*
5N-1003	11
*5N-1004	11*
*5N-102	11*,10
5N-183	11
*5N-186	11*,10*
*5N-197	11*,10*
*5N-215GTCBLLRW	10*
*5N-290	11*
*5N-406	11*
5N-593GTCBLLRW	10
5N-695GTCBLLRW	10
*5N-705GTCBLLRW	10*
*5N-803	11*,10*
*5N-804GTCBLLRW	10*
5N-809GTCBLLRW	09
5N-898GTCBLLRW	08
*5N-9001	11*
*5X-0001	11*
5X-008RRHXT	08
*5X-100RRHXT	09*
*5X-201+HXTRR	08*
5X-512RRHXT	08
5X-805RRHXT	09
O'Brien	
OB1107	11
OB1109	11
*OB1151	11*
*OB4902GT3	11*
OB4980GT3	11
OB5102-3111	11
OBX108	11
OB1001	10
OB1012GT3	10
OB1019A	09
OB1019S	09
OB1028HXTLL	08
*OB1031	10*
OB1040LLHXT	09
OB1042LLHXT	09
*OB1058	09*
*OB1058S	10,09*
OB1059CBLLRWGT	08
OB1060HXLL	08
OB1087	09,08
*OB1090LLCB	09*
OB3089GT	09
OB4110GT3	10
OB5110GT3	10
OB859	09
*OB879LL	09*
OB901	10
OB940	10
*OB966	08,07*
OB980	10
OBX1009HX	08
OBX105HXTRR2	09
OBX1061	10
OBX950LLCB	09
OMG	
3L19	09
4E97	09
*4L15	09*,08*
4L92	09,08
*4M62	09*,08
5L96	09,08
*6E11	09*,08*
Organic	
*A UTC	08*,07*
*A UTC-Hand Weed	08*,07*
*B UTC	11*,10*,09*
*B UTC-Hand Weed	11*,10*,09*
Partners In Production	
3082	11
*3085	11*
3090	11
*3090CBLL	10*
*3190	11*
*3190GTCBLL	10*
*3787-3000GT	10*
3887	11
4095-3000GT	10
*4097	11*
*4097LL	10*
4198	11
*5001	11*
*5001-3000GT	10*
5205	11
*5804	11*,10*
*5808	11*,10*,09*,08*
5903-3000GT	10
*7114	11*
*7115	11*
*8204	11*
*8295	11*
*4096	11*
5006	11
5101	11
Pilgrim	
*1040-3000GT	11*
*8500GTCBLL	11*
*87-3000GT	11*
*8900GT	11*
*91-3000GT	11*
95-3000GT	11
Pioneer	
32T84	08
*33F88	11*,10*,09*
33T57	11
*33W84	09*
*34A89	11*,10*,09*,08*,07*
*35F38	11*,10*
*35F40	11*,10*,09*,08*,07*
*35F44	11,10*,09*
35F48AM1	11
*35K04	10*,09*
*35K09AM1	11*
*36V53	11*,10*,09*,08*
36Y26	09
*37K11	10*,09
*37Y14	11,10*,09*,08*,07*
38A55	11
*38M60	09*
*38N87	08*,07*
*38N88	11*,10*,09*
*38P43	09*
*39B23	09*
39D82	08
39V07	10,09
*P0115AM1	11*
*P0125XR	10*
*P0448XR	11*
*P0453HR	11*
*P0461XR	10*
P0533XR	11
*P0891XR	11*
*P0916XR	11*,10
*P1184XR	11*
P8581R	11
P8640HR	11
*P8906HR	11*,10*
*P9380XR	10*
*P9512XR	10*
*P9623HR	11*
*P9630AM1	11*
P9807HR	11
*P9910AM1	11*
*P9917XR	11*
*P9990XR	10*
Power Plus	
2F16AM1	11
4C58	11
Prairie Brand	
1020GT3	10
867VT3	10
920GTCB	10
*958VT3	10*
Prairie Hybrids	
*0336	08*,07
*0371	09*,07
1452	11
*1711	11*,10
2241	08
*2730	10*
282	11

Table 24 (continued). Comparisons over time of all hybrids tested between 2009 and 2011. 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
*3074	11*,10
*3081	11*,10,09*,08*,07*
*4368	11*,10*
*4760	10*
*5200	11*,10*
541	08
*5879	11*
*590	11*,10*
*6950	11*
Producers Hybrids	
*5684VT3	10*
5804VT3Pro	10
6238STX	10
*6360	09*
*6364GT3	10*
*7077VT3	09*
*7325VT3	09*
Renk	
*RK212CBLL	10*,09*
*RK268RRYGPL	08*
*RK268VT3	11,09*
*RK292CBLL	08*
*RK292GTCBLL	10*,09*
RK292GTCBLLRW	11
*RK295GT	11*
*RK302CBLL	09*
*RK302GTCBLL	10*
*RK302GTCBLLRW	11*
*RK334RR	10*
*RK434RR	10*
*RK434RRYGCB	09*
*RK434VT3P	11*
RK501VT3	09
RK501YGCB	08
*RK530VT3P	11*
*RK559VT3P	10*
*RK563CBLLRW	10*,09*
*RK565GTCBLLRW	11*,10*
*RK570VT3	11,10*,09*,08*,07*
RK580SSTX	11
RK584CBLL	08
*RK585VT3P	11*
*RK594GTCBLLRW	09*
*RK616VT3	09*,08*
*RK619SSTX	11,10*

Brand / Hybrid	Year(s) tested
*RK670VT3	11,10*,09,08,07
*RK686VT3	09*,08
*RK692CBLLRW	08*
*RK694GTCBLLRWBL	11*,10*
*RK698RRYGRW	08*
*RK698VT3	11*,10*,09*
*RK708VT3P	11*
RK711RRHXTRA	09
RK719VT3	08
*RK744VT3	10*,09*
*RK744VT3P	11*
*RK760RRYGCB	08*
*RK760VT3	09*
RK764SSTX	10
*RK770VT3	08*
*RK829VT3	10,09*,08,07*
*RK831VT3P	11*
*RK844VT3	11,10*,09*,08*
*RK858VT3P	11*
*RK880SSTX	11*
*RK880VT3P	10*
*Rk741VT3P	11*
Spangler	
*LFT49	09*,08*
*LFT59	09*
Steyer	
*5202	11*
Stine	
9204VT3	10
*9207GT3000	11*
*9311VT3P	11*
*9523VT3	11*
*9731VT3Pro	10*
Trelay	
2RR530	09
3T544	10,09
4RR455	09
4ST458	11
*4T105	08*
*4T722	08*,07*
*4VP643	11*
*4VP726	11*,10*
*4VT456	10*

Brand / Hybrid	Year(s) tested
*4VT741	09*
5ST259	10
*5T128	10*,09*,08*
*5T429	08*
5T750	08
*5VP688	11*,10*
*5VT323	09*
*6ST576	11*,10*
*6ST620	11*
*6T226	09*,08*,07*
6T672	08
6VP125	11
*6VP982	11*
*6VT154	11*,10*
*6VT618	10*
*6VT981	09*
*7K456	08,07*
7T231	09,08
*7VP745	11,10*
*8RR712	09*
8T339	08
UW	
*EX27	11*,10*,09*,08,07*
*EX31	11*,10*,09*,08*,07*
*EX34	09*,07*
*EX35	09*,08,07
*EX36	11*,10*,09*
*EX37	11,10*,09*
*EX38	11*,10,09*
*EX39	11*,10*,09*
EX40	09
*EX41	11*,10*,09*
*EX42	11,09*
Unity Seeds	
4490VT3	09
4496VT3	09
4502VT3	09
*4504VT3	09*
7595 3000GT	10
*7607-3000GT	10*
*7695-3000GT	10*
*US7600-3000GT	11*
*US7789-3000GT	11*
*US7801-3000GT	11*

Brand / Hybrid	Year(s) tested
Viking	
*5004N	10*
*6001N	11*,10*
7001PM	11
*80-92UNT	11*
LFY2200N	11
*O.4700	08*
*O.5305	08,07*
*O.5740	09,07*
*O.6710	11*,10,09*,08*
*O.6901N	09*
*O.6999N	11,10*,09*
O.7120	08
*O.7292	10,09*,08*
*O.8590N	11*
*O.99-90N	09*
Wolf River Valley	
2096L	10
2114L	10
*2702L	10*
2982	08
2987	08
2995	08
Wyffels	
W1941	08,07
W2329	08
W2681	10,09,08
W2751	10
W2849	10
W3629	09
W4179	11
W4267	11
W5051	10
*W5077	11*
W5159	09,08
*W5281	09*,08
W5568	10
*W5641	08,07*
W6871	10,09
W7251	08
YIELDirect	
3L73	08
4M07VT3	09
4X34VT3	09

Authors: Joe Lauer is professor of agronomy, Kent Kohn is corn program manager in agronomy, and Thierno Diallo is associate research specialist in 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. Photo credit: Elisa Weiss (cover).

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