

**A3653**

# Wisconsin Corn Hybrid Performance Trials

**Grain • Silage • Specialty • Organic**

**50<sup>th</sup> Year**



**Kent Kohn, Thierno Diallo, and Joe Lauer**

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

University of Wisconsin, Division of Extension

Wisconsin Crop Improvement Association



**Extension**  
UNIVERSITY OF WISCONSIN-MADISON

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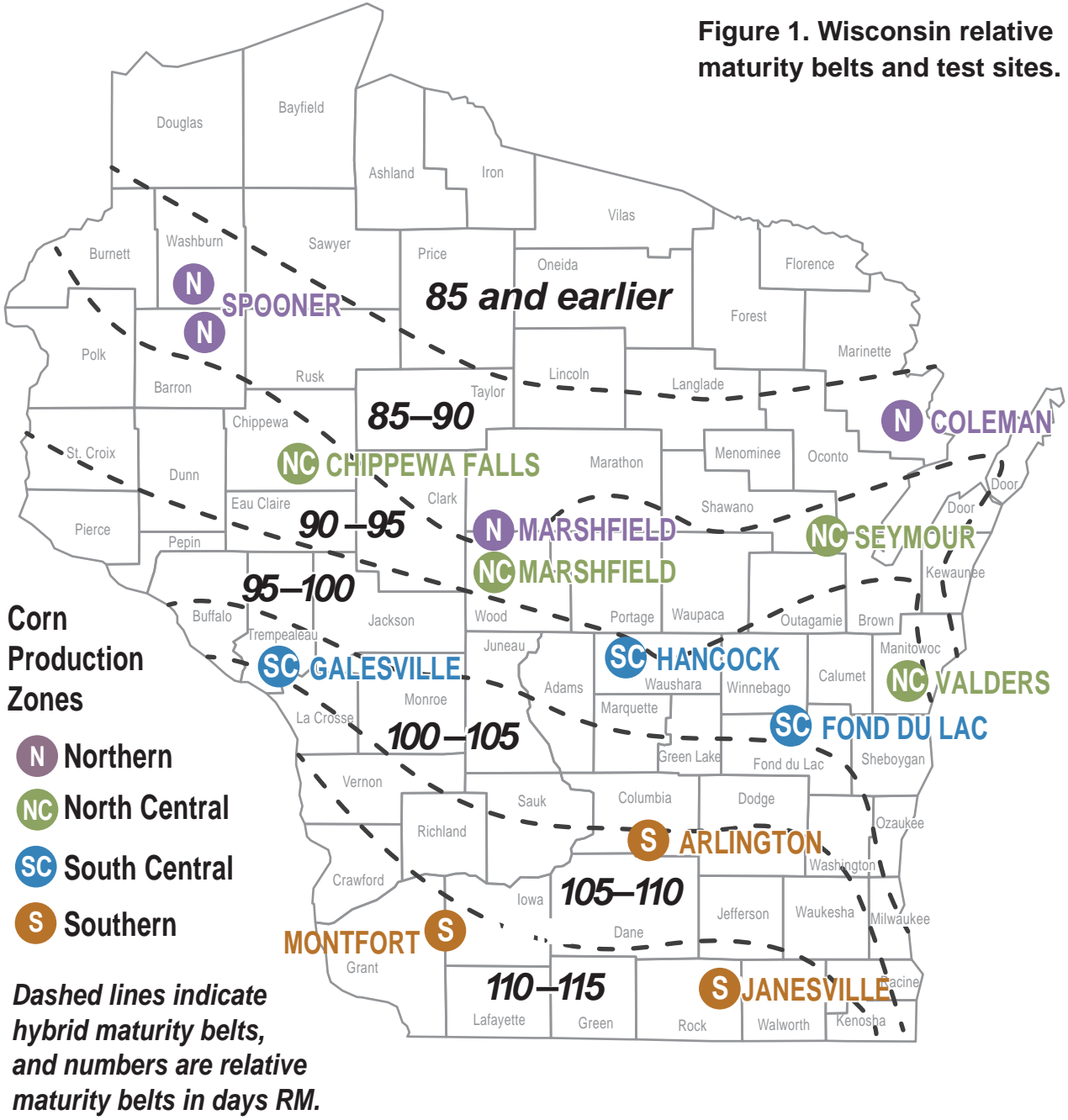
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**Figure 1. Wisconsin relative maturity belts and test sites.**



**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

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This year marks the 50<sup>th</sup> year of corn hybrid performance evaluation conducted by the Wisconsin Agronomy Department, the Wisconsin Crop Improvement Association, and the seed industry. In 1973, the first Wisconsin public corn performance trials were conducted by Elwood Brickbauer. Trials were grown in southern Wisconsin at Janesville, Lancaster and Platteville. In northern Wisconsin, trials were established at Antigo, Ashland, Hancock, Marshfield, Spooner, and Waupaca. The average yield of the first trials was 121 bu/A. Over the past 50 years, 18,773 hybrids have been evaluated at various locations in Wisconsin. In 1995, the corn silage hybrid evaluation program was initiated. Hybrid selection is a key decision made by farmers and historically is important for delivering new technologies, pest resistance and increased yield and profitability to the farm-gate. The purpose of this program is to provide unbiased performance comparisons of hybrid seed corn for both grain and silage available in Wisconsin.

In 2022, 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 2022 trials are listed in Table 1. Specific hybrids and where they were tested are shown in Table 2. A summary of the transgenic traits tested in 2022 is shown in Table 3. A summary of seed treatment performance in 2022 is shown in Table 4. In the back of the report, hybrids tested over the past three years are listed in 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 2022

Seasonal precipitation and temperature at the trial sites are shown in Table 5. The 2022 growing season at most southern sites was similar to the 30-year normal for Growing Degree Unit (GDU) accumulation and precipitation. In northern Wisconsin, GDU accumulation and precipitation was less than normal. For most of the state, planting progress was similar to the average with 50% of the acreage planted by May 10. An exception was northeast Wisconsin which had somewhat delayed planting. Most trial plots were established by early May. Stand establishment was good to excellent at all locations. Ear size was larger than normal. Tar spot, *Phyllachora maydis*, increased throughout the state and was significant in southern Wisconsin, however, in most cases it was too late to affect yield. Good growing conditions continued into late-fall with a killing frost occurring in late October. Silage and grain moisture was higher than normal. Little plant lodging occurred at most trial sites. Little disease and insect pressure were observed within most trials.

### Cultural Practices

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

### Planting

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

## Harvesting

**Grain:** Two-row plots were harvested with a self-propelled corn combine. Lodged plants and/or broken stalks were counted, plot grain weights and moisture contents were measured, and yields were calculated and adjusted to 15.5% moisture. Test weight was measured on each plot. content were measured, and yields were adjusted to tons of dry matter per acre. A sub-sample was collected and analyzed using near infrared spectroscopy.

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

## PRESENTATION OF DATA

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Yield results for individual location trials and for multi-location averages are listed in Tables 7 through 22. Within each trial, hybrids are ranked by moisture averaged over all trials conducted in that zone during 2022. Yield data for both 2021 and 2022 are provided if the hybrid was entered in both years. Starting in 2009, a nearest neighbor analysis of variance for all trials as described by Yang et al. (2004, *Crop Science* 44:49–55) and Smith and Casler (2004, *Crop Science* 44:56–62) is included. A hybrid index (Table 2) lists relative maturity ratings, specialty traits, seed treatments, and production zones tested for each hybrid.

### Relative maturity

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

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

### Grain performance index

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

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

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

## Silage performance index

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

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

## Least significant difference

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

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

## HOW TO USE THE RESULTS

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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 2021 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 2022 results. **Be wary** of any hybrids on your list that had a 2022 PI of 100 or lower. Choose two or three of the remaining hybrids that have relatively high PIs for **both** 2022 and 2021.
  - 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 2022 or 2021 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 2022 and 2021 over a wide range of locations and climatic conditions.

**Note:** You are taking a tremendous gamble if you make hybrid selection decisions based on 2022 yield comparisons in only one or two local test plots.

## FOR MORE INFORMATION

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





**Table 1. Companies included in the 2022 trials.**

Brand	Company	Address	City	State	Zip	Website
AgriGold	AgriGold Hybrids	5381 Akin Road	St. Francisville	IL	62460	agrigold.com
Beck's	Beck's Hybrids	6767 E. 276th Street	Atlanta	IN	46031	beckshybrids.com
Brunner	Brunner Seed, Inc	W3850 US HWY 10	Durand	WI	54736	brunnerseed.com
Burrus	Burrus Bros and AssocGrowers	826 Arenzille Rd	Arenzville	IL	62611	burrusseed.com
<b>Channel</b>	<b>Channel</b>	<b>800 N. Lindberg Blvd</b>	<b>St. Louis</b>	<b>MO</b>	<b>63141</b>	<b>channel.com</b>
Cornelius	Cornelius Seed	14760 317th Ave	Bellevue	IA	52031	CorneliusSeed.com
Dairyland	Dairyland Seed	P.O. Box 958	West Bend	WI	53095	dairylandseed.com
Dekalb	Monsanto	800 N. Lindberg Blvd	St. Louis	MO	63141	monsanto.com
DenBesten	DenBesten Brand	36656 SD HWY 44	Platte	SD	57369	dakotasbestseedllc.com
<b>DuPont Pioneer</b>	<b>Pioneer Hi-Bred Int'l, Inc</b>	<b>P.O. Box 1100</b>	<b>Johnston</b>	<b>IA</b>	<b>50131</b>	<b>pioneer.com</b>
Federal Hybrids	Federal Hybrids	209 3rd St.NE	West Bend	IA	50597	federalhybrids.com
Foundation Organic	Foundation Organic Seeds	634 13th Avenue North	Onalaska	WI	54650	foundationorganicseed.com
Frontiersmen	Frontiersmen Inc.	P.O. Box 305	Kentland	IN	47951	frontiersmen.ag
FS InVISION	Growmark, Inc	1701 Towanda Ave	Bloomington	IL	61701	fsseeds.com
<b>Golden Harvest</b>	<b>Golden Harvest Seeds</b>	<b>2001 Butterfield Road</b>	<b>Downers Grove</b>	<b>IL</b>	<b>60515</b>	<b>GoldenHarvestSeeds.com</b>
Jung	Jung Seed Genetics, Inc	800 N. Lindberg Blvd	St. Louis	MO	63141	jungseedgenetics.com
Latham	Latham Hi Tech Seed	131 180th Street	Alexander	IA	50420	lathamseeds.com
Legacy Seeds	Legacy Seeds, Inc	P.O. Box 68	Scandinavia	WI	54977	legacyseeds.com
Legend Seeds	Legend Seeds	P.O. Box 241	De Smet	SD	57231	legendseeds.net
<b>LG Seeds</b>	<b>LG Seeds</b>	<b>1122 E 169th Street</b>	<b>Westfield</b>	<b>IN</b>	<b>46074</b>	<b>lgseeds.com</b>
NK Brand	NK Seeds	2001 Butterfield Road	Downers Grove	IL	60515	syngenta-us.com/seeds/nk.com
O'Brien	O'Brien Farms, Inc	552 Glenway Road	Brooklyn	WI	53521	obrienhybrids.com
PIP	Partners in Production	P.O. Box 777	Sun Prairie	WI	53590	pipseeds.com
Power Plus	Burrus Bros and AssocGrowers	826 Arenzille Rd	Arenzville	IL	62611	burrusseed.com
<b>Prairie Hybrids</b>	<b>Prairie Hybrids Seeds</b>	<b>27445 Hurd Road</b>	<b>Deer Grove</b>	<b>IL</b>	<b>61243</b>	<b>prairiehybrids.com</b>
ProHarvest	Brunner Seed, Inc	W 3850 HWY 10	Durand	WI	54736	brunnerseeds.com
Project Seeds	Project Seeds	634 13th Avenue North	Onalaska	WI	54650	foundationorganicseed.com
Renk	Renk Seed Co.	6809 Wilburn Road	Sun Prairie	WI	53590	renkseed.com
Thunder Seed	Thunder Seed	806 Center Ave West	Dilworth	MN	56529	thunderseed.com
<b>Tracy Seeds</b>	<b>Tracy Seeds, LLC</b>	<b>1805 S. State RD 140</b>	<b>Janesville</b>	<b>WI</b>	<b>53546</b>	<b>tracyseeds.com</b>
Viking	Albert Lea Seed	P.O. Box 127	Albert Lea	MN	56007	alseed.com
Wyffels	Wyffels Hybrid	13344 US HWY 6	Geneseo	IL	61254	wyffels.com

**Table 2. Corn hybrids included in the 2022 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	Technology: Hybrid	Maturity			Seed Trt.	Tables †	Brand	Technology: Hybrid	Maturity			Seed Trt.	Tables †
		Co.	GRM	SRM					Co.	GRM	SRM		
<b>AgriGold</b>						<b>C7590DP</b>							
A619-06RR	16: RR	89	91	53	11		21: CB,RR	115	113	249	15*		
A620-82VT2RIB	50: CB,RR	90	91	53	11	<b>Dairyland</b>							
A622-65	1: None	92	91	228	11	* DB-4311AMXT	61: CB,LL,RR,RW,bmr	103	104	231	16*,19		
A628-16VT2RIB	50: CB,RR	98	99	53	9	DB-5211AMXT	61: CB,LL,RR,RW,bmr	112	113	231	15		
* A628-34VT2PRO	21: CB,RR	98	98	53	9*	* DS-2505Q	75: CB,LL,RR,RW	85	86	231	13*		
* A630-04VT2PRO	21: CB,RR	100	99	53	9*	* DS-2531AM	56: CB,LL,RR	85	86	231	13*		
* A631-90	1: None	101	103	104	228	10*,19	* DS-2919AM	56: CB,LL,RR	89	90	231	11*,13*	
A633-14STXRIB	49: CB,LL,RR,RW	103	105	104	53	7,10,16,19	* DS-3022AM	56: CB,LL,RR	90	90	231	11*,13*	
* A635-54VT2RIB	50: CB,RR	105	104	53	7,10*		* DS-3162Q	75: CB,LL,RR,RW	91	87	92	231	13*,20*
A636-11STXRIB	49: CB,LL,RR,RW	106	105	53	7		* DS-3203AM	56: CB,LL,RR	92	92	231	11*,13*	
* A636-16VT2RIB	50: CB,RR	106	107	109	53	7*,14*	DS-3366AM	56: CB,LL,RR	93	92	231	11,13	
* A639-40VT2RIB	50: CB,RR	109	110	107	53	8*,14*	* DS-3477AM	56: CB,LL,RR	94	92	231	11*,13*	
* A639-70STXRIB	49: CB,LL,RR,RW	109	109	108	53	8,14*	* DS-3550AM	56: CB,LL,RR	95	98	231	9*,12*	
* A640-65 5222AEZ	58: CB,LL,RR,RW,wo	110		108	228	14*	* DS-3601Q	75: CB,LL,RR,RW	96	98	95	231	9,12*,20*
* A641-85STX	23: CB,LL,RR,RW	111	111	112	53	8*,15*	* DS-3727AM	56: CB,LL,RR	97	98	231	9*,12*	
* A642-05VT2PROD1	67: CB,DT,RR	112	112	53	8		* DS-3900AM	56: CB,LL,RR	99	98	97	231	9*,12*,18*
A645-16STXRIB	49: CB,LL,RR,RW	115	113	113	53	8,15	DS-3959Q	75: CB,LL,RR,RW	99	99	231	9	
<b>Becks</b>						DS-4014Q							
							75: CB,LL,RR,RW	100	101	231	7,9		
* 5145Q	75: CB,LL,RR,RW	101	99	220	12*		DS-4018AM	56: CB,LL,RR	101	103	231	10	
<b>Brunner</b>						DS-4219AM							
							56: CB,LL,RR	102	104	231	7*,10*		
3911GT-3110A	6: CB,LL,RR,wo	91	91	175	11,13		DS-4310AM	56: CB,LL,RR	103	106	231	7	
* 3990	1: None	99	97	175	9*,12*		* DS-4510Q	75: CB,LL,RR,RW	105	105	107	231	7*,10,14,16*,19
* EXP104	1: None	104	103	136	10*		* DS-4878AM	56: CB,LL,RR	108	110	231	8*	
EXP88	1: None	88	89	136	13		* DS-5144Q	75: CB,LL,RR,RW	111	111	113	231	8*,15*
<b>Burrus</b>						DS-5161Q							
							75: CB,LL,RR,RW	111	111	231	8		
7G44 3220	59: CB,LL,RR	114		113	247	15	* DS-5279Q	75: CB,LL,RR,RW	112	112	231	15*	
* 7N88SS	49: CB,LL,RR,RW	115		113	203	15*	* HiDF-3044Q	75: CB,LL,RR,RW	90	92	231	20*	
<b>Channel</b>						* HiDF-3522Q							
							75: CB,LL,RR,RW	95	95	231	18*,20*		
* 193-91STXRIB	49: CB,LL,RR,RW	93		97	224	18*	* HiDF-3802Q	75: CB,LL,RR,RW	102	104	231	16*,19	
195-51STXRIB	49: CB,LL,RR,RW	95		98	163	18	* HiDF-3855Q	75: CB,LL,RR,RW	98	95	231	18*,20*	
* 197-21VT2PRIB	50: CB,RR	97		96	224	18*	* HiDF-4073Q	75: CB,LL,RR,RW	100	98	231	18*,20*	
200-88STXRIB	49: CB,LL,RR,RW	100		98	224	18	HiDF-4545Q	75: CB,LL,RR,RW	105	104	231	16,19	
* 203-01STXRIB	49: CB,LL,RR,RW	103		104	224	16*,19*	* HiDF-4999Q	75: CB,LL,RR,RW	109	109	231	14*,17*	
* 203-83STXRIB	49: CB,LL,RR,RW	103		104	224	16*,19*	* HiDF-5000Q	75: CB,LL,RR,RW	110	110	231	14*,17	
206-16SSPRIB	80: CB,LL,RR,RW	106		106	163	19	* HiDF-5202Q	75: CB,LL,RR,RW	112	113	231	15*	
206-99STXRIB	49: CB,LL,RR,RW	106		106	163	19	<b>Dekalb</b>						
* 207-27STXRIB	49: CB,LL,RR,RW	107		106	224	19*	DKC101-35RIB	50: CB,RR	101	102	232	10	
207-87VT2PRIB	50: CB,RR	107		106	224	19	* DKC105-35RIB	50: CB,RR	105	104	232	10*	
* 209-15STXRIB	49: CB,LL,RR,RW	109		109	224	17*	DKC107-33RIB	80: CB,LL,RR,RW	107	106	233	7	
210-99STXRIB	49: CB,LL,RR,RW	110		110	224	17	DKC111-35RIB	50: CB,RR	111	110	232	8	
212-52SSPRIB	80: CB,LL,RR,RW	112		109	163	17	DKC32-35RIB	50: CB,RR	82	85	232	13	
<b>Cornelius</b>						DKC35-34RIB							
							49: CB,LL,RR,RW	85	86	233	13		
* C575DP	21: CB,RR	109	109	175	8*		* DKC36-48RIB	50: CB,RR	86	87	232	13*	
* C6400DGDP	67: CB,DT,RR	104	104	175	7*		DKC36-86RIB	50: CB,RR	86	87	232	13	
* C6401SS	23: CB,LL,RR,RW	104	103	175	7*		* DKC39-55RIB	50: CB,RR	89	90	232	11,13*	
* C6525SSP	80: CB,LL,RR,RW	105	105	53	7*		DKC41-55RIB	50: CB,RR	91	91	232	11	
* C6552PC	71: CB,LL,RR	105	106	175	7*		DKC42-64RIB	49: CB,LL,RR,RW	92	92	97	233	11,18
* C6724SS	23: CB,LL,RR,RW	107	106	109	174	7,14*	* DKC44-98RIB	50: CB,RR	94	92	232	11*	
C6762SSP	80: CB,LL,RR,RW	107	105	53	7		* DKC45-35RIB	50: CB,RR	95	97	232	12*	
* C6847TRE	76: CB,RR	108	110	109	174	8*,14*	DKC48-34RIB	49: CB,LL,RR,RW	98	99	233	9	
* C6936SS	23: CB,LL,RR,RW	109	109	175	8*		* DKC48-69RIB	50: CB,RR	98	98	232	12*	
* C7021DP	21: CB,RR	110	111	108	53	8,14*	* DKC49-24RIB	49: CB,LL,RR,RW	99	98	233	9*	
C7124SS	23: CB,LL,RR,RW	111	110	173	8		DKC51-91RIB	49: CB,LL,RR,RW	101		104	233	16
* C7373SSP	80: CB,LL,RR,RW	113	111	113	53	8*,15*	DKC53-94RIB	49: CB,LL,RR,RW	103		104	233	19
							DKC56-15RIB	76: CB,RR	106	105	232	10	
							* DKC56-65RIB	49: CB,LL,RR,RW	106	105	108	233	7,14*
							* DKC59-07RIB	49: CB,LL,RR,RW	109	108	233	14*,17*	
							DKC59-81RIB	49: CB,LL,RR,RW	109	110	233	8	

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

‡ See Table 4 for seed treatment details.

**Table 2 (continued). Corn hybrids included in the 2022 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	Technology: Traits †	Maturity			Seed Trt.	Tables ‡	Brand	Technology: Traits †	Maturity			Seed Trt.	Tables ‡
		Co.	GRM	SRM					Co.	GRM	SRM		
* DKC61-41RIB	50: CB,RR	111	110		232	8*	<b>Foundation Organic</b>						
* DKC62-89RIB	76: CB,RR	112	110		232	8*	8650UT	1: None	100	102		170	21
DKC63-91RIB	50: CB,RR	113	111		232	8	8681UT	1: None	98	101		170	21
* DKC64-44RIB	49: CB,LL,RR,RW	114		113	232	15*	* 8703UT	1: None	103	105		170	21*
<b>DenBesten</b>							* OR8833	1: None	92	94		170	22*
DB31-90	1: None	90		92	97	20	* ORG8536	1: None	101	102		170	21*
* DB32-02	1: None	102	101		97	10*,22*	ORG8799	1: None	98	96		170	22
DB33-05	1: None	100	104		3	21	<b>Frontiersmen</b>						
DB38-06	1: None	106	104		97	7	089-L1 VT2P	50: CB,RR	89	91		151	11
* DB39-10	1: None	110		109	97	14*	* 094-L1VT2P	50: CB,RR	94	92		151	11*
DB40-05-OR	1: None	105	105		3	21	* 098-L1TRE	76: CB,RR	98	98		151	9*
DB41-01-OR	1: None	101	101		3	21	* 108-M9PCE	73: CB,LL,RR	108	110	105	151	8,19*
DB41-91-OR	1: None	91	95		3	22	<b>Golden Harvest</b>						
DB41-98-OR	1: None	98	101		3	21	G00A97-3120A	70: CB,LL,RR,wo	100	98		247	9,12
DB42-06-OR	1: None	106		109	3	14	G02K39-5122 EZ1	57: CB,LL,RR,RW	102	104		247	10
DB42-07-OR	1: None	107	105		3	21	G06A27-5122 EZ1	57: CB,LL,RR,RW	106	104		247	10
<b>DuPont Pioneer</b>							G07G73-5122 EZ1	57: CB,LL,RR,RW	107	107		247	10
P0421AM	56: CB,LL,RR	104	105		250	10	G11V76-5122 EZ1	57: CB,LL,RR,RW	111	111		247	8
* P9492AM	56: CB,LL,RR	94	93		250	11*	* G12S75-5122 EZ1	57: CB,LL,RR,RW	112	113	113	247	8*,15*
* P9815AM	56: CB,LL,RR	98	99		250	9*	G87A53-3220	52: CB,LL,RR	87	88		247	13
<b>FS InVISION</b>							G91V51-5222A EZ1	58: CB,LL,RR,RW,wo	91	92		247	13
FS 3525L2 EZR	59: CB,LL,RR	85	88		136	13	G93A49-5122 EZ1	57: CB,LL,RR,RW	93	93		247	11
FS 4008V RIB	50: CB,RR	90	91		136	11,13	G95D32-3220	52: CB,LL,RR	95		97	247	18
* FS 4507V RIB	50: CB,RR	95	91		136	12,13*	* G99A37-5222 EZ1	58: CB,LL,RR,RW	99	99		247	12*
* FS 4715V RIB	50: CB,RR	97	95	97	136	12*,13,18*	<b>Jung</b>						
* FS 4927T RIB	76: CB,RR	99	97	97	136	12*,18	* 33DP303	50: CB,RR	83	85		185	13*
* FS 5098V RIB	50: CB,RR	100	98	97	136	12*,18*	35DP301	50: CB,RR	85	85		232	13
FS 5115X RIB	49: CB,LL,RR,RW	101	103	103	136	10,16	* 38DP323	50: CB,RR	88	88		185	13*
FS 5125L1A EZR	70: CB,LL,RR	101	103	104	136	10,16	* 39DP338	50: CB,RR	89	86		236	13*
* FS 5525VDG RIB	68: CB,DT,RR	105	103	104	136	10,16*	* 40DP401	50: CB,RR	90	89	90	232	13*,20*
FS 5594X RIB	49: CB,LL,RR,RW	105	104	104	136	10,16	42DP403	50: CB,RR	92	91		185	13
* FS 5725X	23: CB,LL,RR,RW	107	105		136	10*	44DP412	50: CB,RR	94	92		232	11
FS 5815V RIB	50: CB,RR	108	110		136	8	44SS413	49: CB,LL,RR,RW	94		94	163	20
FS 5829V RIB	50: CB,RR	108	108		136	8,10	* 45SS423	49: CB,LL,RR,RW	95	97	94	163	12*,20
* FS 6017V RIB	50: CB,RR	110	110	108	136	8*,14*	46DP433	50: CB,RR	96	97		185	12
* FS 6025X	23: CB,LL,RR,RW	110	111	109	136	8*,14*	46SS428	49: CB,LL,RR,RW	96		94	224	20
FS 6106X RIB	49: CB,LL,RR,RW	111	110		136	8	46SS433	49: CB,LL,RR,RW	96		97	163	20
* FS 6217X RIB	49: CB,LL,RR,RW	112	111	112	136	8*,15*	* 47DP429	50: CB,RR	97	97		236	12*
FS 6406X RIB	49: CB,LL,RR,RW	114		113	136	15	48SS420	49: CB,LL,RR,RW	98		97	224	18
<b>Federal Hybrids</b>							* 48SS443	49: CB,LL,RR,RW	98	98		163	12*
3530 VP3220	59: CB,LL,RR	85	88		151	13	* 50DT503	76: CB,RR	100	98		185	9*
3880 VT2P	50: CB,RR	88	89		151	13	51SP513	80: CB,LL,RR,RW	101	103		163	10
* 4120 VT2P	50: CB,RR	91	91		151	11*,13	51SS500	49: CB,LL,RR,RW	101		104	224	19
4135 VP3110A	6: CB,LL,RR,wo	91	91		151	11,13	53DP523	50: CB,RR	103	105		185	10
* 4160 VT2P	50: CB,RR	91	90	92	151	11,13,20*	53SS521	49: CB,LL,RR,RW	103	103		224	10
* 4225 RR	16: RR	92	91	91	151	11*,13*,20*	* 54SP533	80: CB,LL,RR,RW	104	103	104	163	10,19*
4330 VT2P	50: CB,RR	93	92		174	11	54SS522	49: CB,LL,RR,RW	104		104	224	19
* 4520 DGVT2P	67: CB,DT,RR	95	97		151	12*	55DD520	68: CB,DT,RR	105	104	103	232	7,16
4580 VT2P	50: CB,RR	95	96		174	12	* 56SP543	80: CB,LL,RR,RW	106	105		163	7*
4880 VT2P	50: CB,RR	98	97		151	9	56SS538	49: CB,LL,RR,RW	106	105		224	7
* 5005 VT2P	50: CB,RR	100	99		151	9*	57DP553	50: CB,RR	107	106		185	7
5030 AA EZ	70: CB,LL,RR,wo	100	99		151	9	* 57SS552	49: CB,LL,RR,RW	107		109	224	14*
5120 TRE	76: CB,RR	101	102		151	10	59SP573	80: CB,LL,RR,RW	109	109		163	8
5300 VT2P	50: CB,RR	103	103		151	10	* 59SS581	49: CB,LL,RR,RW	109	109		233	8*
							* 60SS603	49: CB,LL,RR,RW	110		109	163	14*
							* 61SS613	49: CB,LL,RR,RW	111	110		163	8*
							* 63SP633	80: CB,LL,RR,RW	113	111		163	8*

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‡ See Table 4 for seed treatment details.

**Table 2 (continued). Corn hybrids included in the 2022 trials. A star (\*) indicates that the hybrid performed statistically similar to the highest hybrid for yield or performance index (P.I. or MILK2006) in one or more zones.**

Brand Hybrid	Technology: Traits †	Maturity		Seed Trt.	Tables †	Brand Hybrid	Technology: Traits †	Maturity		Seed Trt.	Tables †
		Co.	GRM SRM					Co.	GRM SRM		
* 65SS611	49: CB,LL,RR,RW	115	113	224	15*	LR 9101 SS RIB	49: CB,LL,RR,RW	101	103	246	10
<b>LG Seeds</b>						* LR 9106 PCE	71: CB,LL,RR	106	106	246	7*
LG35C41VT2	21: CB,RR	85	86	53	13	LR 9191VIP3110A	6: CB,LL,RR,wo	91	91	246	11
LG36C55RR	16: RR	86	86	53	13	LR 9300	70: CB,LL,RR	100		98	246
LG36C62VT2RIB	50: CB,RR	86	87	53	13	3120AEZREF					
LG37C77RR	16: RR	87	89	53	13	LR 9396 3120EZREF	70: CB,LL,RR	96		96	246
LG42C24VT2PRO	21: CB,RR	92	92	53	11	* LR9308	57: CB,LL,RR,RW	108		109	246
LG42C37-3220AEZ	59: CB,LL,RR,wo	92	91	228	11	DC5122EZREF					
* LG44C27VT2RIB	50: CB,RR	94	93	53	11*	<b>NK Brand</b>					
LG47C77STXRIB	49: CB,LL,RR,RW	97	97	53	9	* NK0007-3120	70: CB,LL,RR	100	100	97	247
* LG49C28	1: None	98	98	228	12*	NK0243-5122	57: CB,LL,RR,RW	102		104	247
LG51C62	1: None	101	103	228	10	* NK0696-5122	57: CB,LL,RR,RW	106	106	108	247
LG52C42RR	16: RR	102	103	53	10	* NK0748-5122	57: CB,LL,RR,RW	107	107	108	247
LG5525VT2RIB	50: CB,RR	105	103	53	7	* NK1188-5122	57: CB,LL,RR,RW	111		112	247
* LG57C33VT2RIB	50: CB,RR	107	106	53	7*	* NK1239-5122	57: CB,LL,RR,RW	112		113	247
LG59C72VT2RIB	50: CB,RR	109	110	53	8	* NK1354-5222	58: CB,LL,RR,RW	113		113	247
LG62C35STXRIB	49: CB,LL,RR,RW	112	110	53	8	* NK8760-3220	59: CB,LL,RR	87	90	89	247
<b>Latham</b>						* NK9231-3120	70: CB,LL,RR	92	93	91	247
LH4937VT2PRORIB	50: CB,RR	97	98	251	18	NK9347-5122	57: CB,LL,RR,RW	93	92	94	247
* LH5245VT2PRORIB	50: CB,RR	102	103	251	19*	* NK9874-3220	59: CB,LL,RR	98	98	97	247
LH5742RR	16: RR	107	106	251	19	* NK9922-5222	58: CB,LL,RR,RW	99	100	97	247
* LH5965VT2PRORIB	50: CB,RR	109	107	251	14*,17*	<b>O'Brien Hybrids</b>					
LH6175VT2PRORIB	50: CB,RR	111	112	251	15	* OB1105	1: None	105	106	103	149
LH6285VT2PRORIB	50: CB,RR	112	112	251	15	* OB1109	1: None	110	111	109	149
LH6477VT2PRORIB	50: CB,RR	114	113	251	15	* OB1114	57: CB,LL,RR,RW	114		113	175
<b>Legacy Seeds</b>						OB6091	3: CB,LL,RR	91	97		149
* LC-4248 VT2P	50: CB,RR	100	99	97	53	OB6100	3: CB,LL,RR	100	100	103	175
* LC391-20 VT2P	50: CB,RR	89	90	90	151	OBX6106	6: CB,LL,RR	106	106		175
* LC403-22 3120	70: CB,LL,RR	90	92	92	102	<b>Organic</b>					
LC414-21 VT2P	21: CB,RR	91	92	151	11,13	UW Check G	1: None	96	94		3
* LC444-21	1: None	94	92	102	11*	UW Check H	1: None	102	100		3
* LC451-21 SSX	23: CB,LL,RR,RW	96	98	97	53	<b>PIP</b>					
* LC451-21 VT2P	50: CB,RR	94	93	151	11*	* 4297	1: None	97	98		175
* LC461-21 DGVT2P	68: CB,DT,RR	96	97	151	12*	* 4393	1: None	93	93		175
LC464-21 3120	70: CB,LL,RR	96	96	96	102	X5303	1: None	103	104		175
* LC474-20 TREC	76: CB,RR	97	98	97	151	* X5308	1: None	108		109	175
LC482-21 VT2P	21: CB,RR	96	97	151	12	<b>Power Plus</b>					
* LC493-21 5122	57: CB,LL,RR,RW	99	97	102	18*	* 1K18Q	75: CB,LL,RR,RW	100	103		231
LC511-21 SSX	49: CB,LL,RR,RW	101	103	104	53	* 2J67Q	75: CB,LL,RR,RW,wo	105	105		231
* LC525-21 PWE	71: CB,LL,RR	102	103	104	102	* 5L44AM	56: CB,LL,RR	110	110		237
LC541-22 SSX	49: CB,LL,RR,RW	104	104	53	7,10	* 6M89Q	75: CB,LL,RR,RW,wo	113		113	237
LC544-22	1: None	104	103	102	10	<b>Prairie Hybrids</b>					
* LC551-22 SSX	23: CB,LL,RR,RW	105	103	104	53	* 1231	1: None	100	101		170
* LC554-21 DGVT2P	67: CB,DT,RR	104	104	104	151	* 2741	1: None	102	99		170
LC555-21 5122	57: CB,LL,RR,RW	105	103	102	16	3259	1: None	105	103		238
LC564-20 PWE	71: CB,LL,RR	104	106	102	7	* 4211	1: None	106		104	238
* LC594-21 VT2P	21: CB,RR	109	110	109	151	4211-Organic	1: None	106	106		170
* LC623-21 5122	57: CB,LL,RR,RW	112	111	102	15*,17*	* 4470	1: None	106	104		238
<b>Legend Seeds</b>						* 5141	1: None	109	105		170
22684 VT2P RIB	50: CB,RR	84	84	246	13	5142	1: None	109	110		238
* 3795 DGVT2 RIB	68: CB,DT,RR	95	97	246	12*	* 5200	1: None	108		105	238
40J287 RR	16: RR	87	91	246	13	* 5281	1: None	108		106	238
* 4397 TRE RIB	76: CB,RR	97	98	246	9*	* 5883	1: None	109		108	238
* 78706 SS RIB	49: CB,LL,RR,RW	106	105	246	7*	6878	1: None	112	111		238
LR 9004	57: CB,LL,RR,RW	104		104	246	* 7291	1: None	112		109	238
DC5122EZREF											

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**Table 2 (continued). Corn hybrids included in the 2022 trials. A star (\*) indicates that the hybrid performed statistically similar to the highest hybrid for yield or performance index (P.I. or MILK2006) in one or more zones.**

Brand Hybrid	Technology: Traits †	Maturity		Seed Trt.	Tables ‡	Brand Hybrid	Technology: Traits †	Maturity		Seed Trt.	Tables ‡	
		Co.	GRM SRM					Co.	GRM SRM			
* 8290	1: None	114	109	238	15*	* T6398TRE	76: CB,RR	98	97	151	9*,12*	
* 8960	1: None	115	112	238	15*	T6902 VT2P	50: CB,RR	102	102	151	10	
<b>ProHarvest</b>						T8395 DC	57: CB,LL,RR,RW	95	97	175	12	
* 4255RR2	16: RR	92	90	175	13*	* T8396 SS	49: CB,LL,RR,RW	96	97	151	12*	
4340VT2PRIB	50: CB,RR	93	92	136	11,13	<b>Tracy Seeds</b>						
4511RR2	16: RR	94	92	136	13	T095-32 5122 EZ	57: CB,LL,RR,RW	95	99	175	9	
* 4990VT2PRIB	50: CB,RR	99	98	136	9*,12*	T099-31 5222 EZ	58: CB,LL,RR,RW	99	100	167	9	
57P17VT2PRIB	50: CB,RR	87	89	136	13	T100-33 3120A EZ	70: CB,LL,RR,wo	100	99	175	9	
* 64P24VT2PRIB	50: CB,RR	94	93	136	11*,13	T102-31 3110	6: CB,LL,RR	102	103	149	7,10	
* 71P16SXTRIB	49: CB,LL,RR,RW	101	100	136	10,12*	T105-32 5122 EZ	57: CB,LL,RR,RW	105	105	175	7	
74P51VT2PRIB	50: CB,RR	104	103	136	10	* T106-32 PC	71: CB,LL,RR	106	106	149	7*	
<b>Project Seeds</b>						T107-33 5122 EZ	57: CB,LL,RR,RW	107	106	175	7	
PS-92	1: None	92	92	56	11	<b>Viking</b>						
* PS19-93 3111	7: CB,LL,RR,RW	90	94	56	20*	* 42-92	1: None	92	92	91	195	11,20*
<b>Renk</b>						44-98	1: None	98	97	195	12	
RK223RR	16: RR	82	86	133	13	46-02	1: None	102	103	195	10	
RK256-3120	70: CB,LL,RR	84	86	133	13	* 48-08	1: None	108	109	195	17*	
RK297VT2P	50: CB,RR	88	90	151	13	* 51-04	1: None	104	105	195	14*,16	
RK400VT2P	21: CB,RR	90	91	151	13	52-96	1: None	96	96	195	12	
* RK429-3220A	52: CB,LL,RR,wo	93	91	95 133	11,18*,20	* 72-06	1: None	106	104	195	10*	
RK433VT2P	50: CB,RR	92	94	151	18,20	80-89	1: None	89	87	195	13	
* RK444VT2P	21: CB,RR	93	92	151	11*	* 84-05	1: None	105	103	195	10*	
* RK485DGV2P	68: CB,DT,RR	94	93	151	11*	* 85-09	1: None	109	109	151	8*	
RK502SSTX	23: CB,LL,RR,RW	95	97	136	12	* O.18-06UP	1: None	106	102	194	21*	
RK561DGV2P	68: CB,DT,RR	96	96	151	12	* O.23-11GSP	1: None	111	113	195	15*	
* RK579DGV2P	68: CB,DT,RR	99	99	98 151	9*,12*,18	* O.45-97UP	1: None	97	96	194	22*	
* RK590VT2P	21: CB,RR	98	98	151	9,12*	* O.46-02P	1: None	102	101	194	21*	
* RK600VT2P	50: CB,RR	100	99	97 151	9*,12*,18	O.52-89UP	1: None	89	94	194	22	
RK609VT2P	50: CB,RR	101	102	151	10	* O.52-96P	1: None	96	95	194	22*	
RK625DGV2P	68: CB,DT,RR	104	103	151	10	* O.62-93UP	1: None	93	95	94 194	20*,22*	
RK642VT2P	50: CB,RR	103	104	151	19	* O.69-01GSP	1: None	101	104	194	19*	
RK700SSTX	49: CB,LL,RR,RW	108	106	104 136	10,19	O.82-14GSP	1: None	114	114	195	15	
RK710DGV2P	68: CB,DT,RR	107	104	104 151	10,19	* O.84-04	1: None	104	103	151	10*	
RK715SSTX	49: CB,LL,RR,RW	105	104	136	10	O.84-95UP	1: None	95	94	194	22	
* RK774VT2P	21: CB,RR	108	107	151	8*,10	* O.85-00P	1: None	100	97	194	22*	
RK801SSTX	23: CB,LL,RR,RW	110	110	136	8	<b>Wyffels</b>						
RK805VT2P	50: CB,RR	110	110	151	8	* W3576	22: CB,RR,RW	101	104	151	7*	
RK826VT2P	50: CB,RR	111	110	151	8	W4246RIB	50: CB,RR	105	103	151	7	
RK830SSTX	23: CB,LL,RR,RW	112	110	136	8	W5086RIB	50: CB,RR	107	105	151	7	
* RK842VT2P	50: CB,RR	112	112	109 151	8,17*	* W5778RIB	49: CB,LL,RR,RW	109	110	151	8*	
* RK895DGV2P	68: CB,DT,RR	113	111	109 151	8,17*							
RK940SSTX	23: CB,LL,RR,RW	115	109	136	17							
<b>Thunder Seed</b>												
T6204 VT2P	50: CB,RR	104	104	151	10							
* T6294 VT2P	68: CB,DT,RR	94	93	151	11*							
* T6298 VT2P	50: CB,RR	98	97	151	12*							
T6300 VT2P	50: CB,RR	100	98	151	9							
T6306 PC	71: CB,LL,RR	106	106	175	10							
T6396 VT2P	50: CB,RR	96	96	151	12							
T6397 AA	70: CB,LL,RR	97	96	175	12							

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**Table 3. List of transgenic technologies used in corn hybrids entered in the 2022 UW corn trials.**

Technology †	First Year	Abbreviation	Traits ‡	Grain yield §		Forage yield §	
				N	Bu/A	N	T/A
1 Conventional	1930	Conv	None	314	* 4.1	176	-0.08
3 Agrisure® 3010	2006	3010	CB,LL,RR	18		6	
6 Agrisure Viptera® 3110	2011	Vip3110	CB,LL,RR	90	-11.1		
7 Agrisure Viptera® 3111	2010	Vip3111	CB,LL,RR,RW			12	
16 Roundup Ready® Corn 2	2000	RR2	RR	135	-2.8	26	
21 VT Double Pro™	2008	VT2Pro	CB,RR	169	-0.1	24	
22 VT Triple Pro™	2010	VT3Pro	CB,RR,RW	9			
23 SmartStax™	2008	GENSS	CB,LL,RR,RW	118	0.4	38	
49 SmartStax™ RIB	2013	GENSSRIB	CB,LL,RR,RW	328	-3.4	314	-0.31
50 VT Double Pro™ RIB	2008	VT2ProRIB	CB,RR	994	0.0	203	* 0.22
52 Agrisure Viptera® 3220	2013	Vip3220	CB,LL,RR	26		30	
56 Optimum® AcreMax®	2013	AMRIB	CB,LL,RR	303	* 7.0	9	
57 Agrisure Duracade® 5122 E-Z Refuge®	2014	DUR5122RIB	CB,LL,RR,RW	139	-9.7	106	* 0.07
58 Agrisure Duracade® 5222 E-Z Refuge®	2014	DUR5222RIB	CB,LL,RR,RW	65	-3.3	20	
59 Agrisure Viptera® 3220 E-Z Refuge®	2014	Vip3220RIB	CB,LL,RR	89	-18.1	25	
61 Optimum® AcreMax® Xtreme	2014	AMXT	CB,LL,RR,RW			21	
67 VT Double Pro™ DroughtGard™	2016	VT2ProDG	CB,DT,RR	47		6	
68 VT Double Pro™ DroughtGard™ RIB	2016	VT2ProDGRIB	CB,DT,RR	133	* 4.2	35	
70 Agrisure® 3120 E-Z Refuge®	2016	3120RIB	CB,LL,RR	158	-4.1	64	* 0.05
71 Powercore Enlist	2018	PCORE	CB,LL,RR	51	8.3	15	
73 Powercore Refuge	2018	PCORERIB	CB,LL,RR	8		9	
75 Qrome®	2019	Q	CB,LL,RR,RW	176	* 3.4	207	* 0.35
76 Trecepta®	2020	TRE	CB,RR	114	* 9.1	23	
80 Smartstax® Pro	2022	SSP	CB,LL,RR,RW	76	0.7	35	
LSD (0.10)					7.7		0.36

† See Table 2 for specific hybrid transgenic technologies.

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

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

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

**Table 4. List of seed treatments used on corn hybrids entered in the 2022 UW corn trials.**

Seed Trt.†	Treatment Mix Biological   Fungicide   Insecticide   Micronutrients   Nematicide   PGR	Seed Treatment Brand	Grain yield‡		Forage yield‡	
			N	Bu/A	N	T/A
3	Untreated				6	
53	Poncho500   VOTIVO		384	* -0.1	94	* 0.06
56	Maxim   Cruiser		11		12	
97	Dynasty+MaximXL   Cruiser250		29		17	
102	Cruiser250		66	* 7.4	62	* 0.44
133	Maxim Quattro   Cruiser250	Maxim Quattro+Cruiser250	41		21	
136	Apron+Stratego+Vortex   Poncho500   VOTIVO	Acceleron+Poncho500+VOTIVO	431	* -0.7	88	* 0.05
149	Maxim Quattro   Cruiser 5FS	CruiserMaxx Corn250	49		11	
151	Apron+Stratego+Vortex   Poncho250	Acceleron 250	740	* 0.6	139	* 0.30
163	Apron+Stratego+Vortex   Poncho500   VOTIVO	Acceleron+Poncho500+VOTIVO+BioRise	75	* -0.5	93	-0.24
167	Vibrance+ApronXL+Dynasty+MaximXL   Cruiser   Avicta	Avicta Complete 250+Vibrance	9			
170	1R - seed treatment	1R - seed treatment				
173	ApronXL+Dynasty+MaximXL+Vibrance   Cruiser   Avicta	Avicta Complete 500+Vibrance	8			
174	Apron+Stratego+Vortex   Poncho500	Acceleron 500	40		12	
175	Maxim Quattro+Vibrance   Cruiser250	CruiserMaxx Corn250+Vibrance	221	-5.0	18	
185	Apron+Stratego+Vortex   Poncho500	Acceleron+Poncho500+BioRise	84	* 0.8		
194	1R seed treatment+SabrEx	1R seed treatment+SabrEx			21	
195	Cruiser250   SabrEx		78	-3.1	41	
203	Acceleron B-300 SAT   Metalaxyl+Fluoxastrobin+Prothioconazole   Poncho250				6	
220	Apron+Dynasty+Maxim+TBZ+Ilevo   Poncho1250   VOTIVO	Maxim Quattro+Ilevo+Poncho1250+VOTIVO	12			
224	Acceleron B-360 ST   Poncho500   VOTIVO		18		147	-0.23
228		AgriShield Max	53	* 4.2	14	
231	Maxim Quattro+Rancona+IntegoSolo   Poncho1250   VOTIVO	Lumigen+Poncho1250+Votivo	432	* 4.8	232	* 0.19
232	Acceleron B-360 ST   Metalaxyl+Fluoxastrobin+Prothioconazole   Poncho500		229	* 1.2	23	
233	Acceleron B-360 ST   Metalaxyl+Fluoxastrobin+Prothioconazole   Poncho500		89	-4.0	45	
236	Acceleron B-360 ST   Metalaxyl+Fluoxastrobin+Prothioconazole   Poncho250		27			
237	Maxim Quattro+Rancona+IntegoSolo   Poncho250+Chlorantraniliprole   VOTIVO		8		5	
238	Intego+Maxim Quattro   Actellic	Maxim Quattro+Intego+Actellic	36		83	* 0.06
246	Maxim Quattro+Picarbutrazox+Vibrance   Cruiser 5FS	CruiserMaxx500+Vayantis+Vibrance	89	* 2.4	29	
247	ApronXL+Dynasty+MaximXL+Vayantis+Vibrance   Cruiser   Avicta	Avicta Complete 250+Vayantis+Vibrance	298	-6.6	131	-0.17
249	Apron+Stratego+Vortex   Poncho500   VOTIVO	Acceleron 500+VOTIVO			6	
250	Maxim Quattro+Rancona+IntegoSolo   Poncho250   Bacillus amyloliquefaciens	Lumigen+Poncho250+Bacillus amyloliquefaciens	30			
251	Apron+Picarbutrazox+Stratego+Vortex   Poncho250	Acceleron 250+Vayantis			66	0.02
	LSD (0.10)				8.1	0.40

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

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

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

**Table 5. 2022 Temperature and Precipitation Summary.**

Location	Temperature (Average) Precipitation (Total)	May		June		July		August		September	
		30-year	2022	30-year	2022	30-year	2022	30-year	2022	30-year	2022
		Normal	Departure	Normal	Departure	Normal	Departure	Normal	Departure	Normal	Departure
<b>Arlington</b>	Temperature	57.5	2.1	67.5	0.2	71.0	0.1	69.0	0.1	61.4	0.4
	Precipitation	4.2	-1.9	5.1	0.3	4.2	-1.3	3.8	1.4	3.3	2.5
<b>Chippewa Falls*</b> (Menomonie)	Temperature	56.3	0.8	66.3	0.6	70.6	0.5	68.3	0.3	60.2	1.2
	Precipitation	4.5	0.4	5.1	-3.1	4.0	-2.6	4.0	3.0	3.6	-1.2
	Irrigation	0.0		2.0		3.5		2.0		1.5	
<b>Coleman</b> (Oconto)	Temperature	55.2	0.8	65.3	0.5	69.5	-1.0	67.9	0.1	60.1	-0.2
	Precipitation	3.5	1.5	4.0	0.4	4.1	-0.4	3.3	1.5	3.5	-0.5
<b>Fond du Lac</b>	Temperature	58.0	2.8	67.9	1.3	72.6	0.8	70.2	1.0	62.3	1.3
	Precipitation	3.6	-0.2	4.5	-0.2	3.8	-0.7	3.5	-0.6	3.0	-1.5
<b>Galesville</b> (Trempealeau)	Temperature	58.8	0.1	68.4	1.8	72.4	0.9	70.2	0.9	62.5	2.2
	Precipitation	4.4	3.4	4.3	0.7	4.6	0.1	4.1	1.4	3.8	-2.7
<b>Hancock*</b>	Temperature	56.6	1.6	66.3	-0.3	70.1	-0.4	68.3	0.4	60.4	0.6
	Precipitation	4.2	-0.4	5.0	-0.8	4.2	-0.1	4.0	1.5	3.3	0.4
	Irrigation	1.8		4.1		3.3		3.5		0.4	
<b>Janesville</b> (Afton)	Temperature	58.9	2.5	68.9	0.8	72.6	0.4	70.6	0.2	63.0	0.6
	Precipitation	4.1	-2.0	5.0	-2.7	4.2	1.2	4.3	0.3	3.7	1.7
<b>Marshfield</b>	Temperature	55.7	1.1	65.5	-0.6	69.7	-0.9	67.5	-0.5	59.3	0.4
	Precipitation	4.1	-0.4	4.8	-1.0	3.8	0.5	4.0	-0.9	3.9	-1.6
<b>Montfort</b> (Lancaster)	Temperature	58.1	1.9	67.8	0.5	71.4	0.6	69.5	0.4	61.9	1.0
	Precipitation	4.4	-1.8	5.9	-3.1	5.0	2.2	3.9	0.9	4.0	-3.2
<b>Seymour</b> (Green Bay)	Temperature	56.5	4.4	66.4	2.6	70.5	1.2	68.6	1.9	61.0	1.8
	Precipitation	3.4	-1.4	4.1	-1.3	3.6	1.7	3.4	1.1	3.2	0.1
<b>Spooner*</b>	Temperature	55.2	1.3	64.9	0.5	69.0	0.9	67.1	0.3	58.8	1.2
	Precipitation	4.1	0.6	4.2	-1.7	4.0	-2.1	3.9	2.6	3.6	-2.2
	Irrigation	0.0		1.0		2.8		0.0		0.0	
<b>Valders</b> (Manitowoc)	Temperature	52.8	0.4	63.0	-0.5	68.6	-0.2	68.0	0.6	60.8	1.5
	Precipitation	3.4	-0.4	4.1	1.3	3.5	-0.2	3.4	-0.9	2.4	-0.3

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

Source: Midwestern Regional Climate Center



**Table 6. Individual Trial Information - 2022 Trials.**

Location	Previous Crop / Row Width (in)	Harvest	Av. Final Stand	Tillage	Soil Test			Nitrogen Fertilizer			Insect Control	Weed Control	
					pH	P	K	actual N (lbs/A)	form	time			
Soil Series	Cooperators	Planting Date	Dates	(plants/A)	Operations	--(ppm)--							
<b>Arlington</b>	M. Bertram	Alfalfa / 30	Oct-17	G: 33349	Field Cultivator	6.1	40	127	43	32-0-0	pre	Force 6.5G	Bellum 6.0 oz/A
Plano Silt Loam		May-9	Sep-15	S: 32872		OM %: 2.8			18	9-11-30-6S-1Zn	plant	2.0 lbs/A	Medal II EC 24 oz/A
<b>Chippewa Falls</b>	J. Jensen	Corn / 30	Oct-18	G: 32869	Spring Chisel	5.2	40	92	10000 gal	Manure	pre	Force 6.5G	Acuron 3.0 qts/A
Sattre Silt Loam		May-5		O: 32381	Field Cultivator	OM %: 1.4			11	21-0-0-24S	pre	2.0 lbs/A	
Irrigated			Sep-12	S: 33738					18	9-11-30-6S-1Zn	plant		Cultivated
									64	32-0-0	post		
<b>Coleman</b>	T. Kuchta	Soybean / 30	Nov-2	G: 32251	Disk Chisel	6.2	77	93	13	21-0-0-24S	pre	Force 6.5G	Resicore 2.5 qts/A
Oconto Sandy Loam		June-2	Sep-14	S: 33001	Field Cultivator	OM %: 1.6			18	9-11-30-6S-1Zn	plant	2.0 lbs/A	
									143	46-0-0	post		
									7	11-52-0	post		
<b>Fond du Lac</b>	E. Montsma	Soybean / 30	Oct-28	G: 33171	Strip-Till	5.2	36	136	18	9-11-30-6S-1Zn	plant	Force 6.5G	Acuron 3.0 qt/A
Virgil Silt Loam		May-9		O: 30429		OM %: 2.8			30	28-0-0	post	2.0 lbs/A	
			Sep-16	S: 32319					128	32-0-0	post		
<b>Galesville</b>	K. Congdon	Soybean / 30	Oct-11	G: 33012	Field Cultivator	5.2	75	192	100	46-0-0	pre	Force 6.5G	Strellus II 2.0 pt/A
Downs Silt Loam		May-5		O: 31710		OM %: 3.6			21	21-0-0-24S	pre	2.0 lbs/A	Atrazine 4L 16.0 oz/A
			Sep-9	S: 33535					18	18-46-0	pre		Dicamba 2.0 oz/A
									18	9-11-30-6S-1Zn	plant		
<b>Hancock</b>	P. Sytsma	Cucumber / 30	Oct-19	G: 32967	Soil Finisher	5.8	61	108	18	9-11-30-6S-1Zn	plant	Force 6.5G	Laudis 3.0 oz/A
Plainfield Sand		May-4		O: 31827		OM %: 0.9			32	21-0-0-24S	post	2.0 lbs/A	Prowl 2.0 pt/A
Irrigated									58	34-0-0	post		
									106	32-0-0	post		
<b>Janesville</b>	C. Kincaid	Corn / 30	Oct-21	G: 33670	Spring Chisel	5.9	59	190	18	9-11-30-6S-1Zn	plant	Force 6.5G	Acuron 3.0 qt/A
Plano Silt Loam		May-10			Field Cultivator	OM %: 2.6			11	21-0-0-24S	post	2.0 lbs/A	
									92	46-0-0	post		
									88	32-0-0	post		Fungicide-Trivapro 13.7/A
<b>Marshfield</b>	S. Kloos	Soybean / 30	Nov-1	G: 32386	Strip-Till	6.6	31	113	18	9-11-30-6S-1Zn	plant	Force 6.5G	Resicore 2.5 qt/A
Owen Withee Silt Loam		May-16	Sep-23	S: 31511	Vertical Till	OM %: 2.7			170	32-0-0	plant	2.0 lbs/A	
				O: 30643									
<b>Montfort</b>	B. Bender	Soybean / 30	Oct-10	G: 32396	Disk Chisel	6.3	64	215	10000 gal	Manure	pre	Force 6.5G	Atrazine 4L 32.0 oz/A
Dodgeville Silt Loam		April-29	Sep-8	S: 22646	Field Cultivator	OM %: 2.5			71	32-0-0	pre	2.0 lbs/A	Explorer 3.2 oz/A
									7	12-0-0-26S	pre	Tundra EC	Roundup 25.6 oz/A
									18	9-11-30-6S-1Zn	plant	5.12 oz/A	Zidua 3.25 oz/A
													Fungicide-Miravis NEO 12.8 oz/A
<b>Seymour</b>	M. Maass	Soybean / 30	Oct-27	G: 32988	Chisel Plow	7.1	63	112	27	18-46-0	pre	Force 6.5G	Atrazine 0.75 lb/A
Onaway Silt Loam		May-11		O: 32138	Field Cultivator	OM %: 2.1			18	9-11-30-6S-1Zn	plant	2.0 lbs/A	Dual II Mag 1.0 pt/A
									124	32-0-0	post		Explorer 3.0 oz/A
<b>Spooner</b>	P. Holman	Soybean / 30	Oct-18	G: 32276	Spring Disk	6.8	54	152	18	9-12-30-6S	plant	None	Incinerate 6.0 oz/A
Irrigated		May-11	Sep-20	S: 37334		OM %: 2.7			161	46-0-0	post		Dual II Mag 1.0 pt/A
Cress Sandy Loam													
Silt Loam		Soybean / 30	Oct-19	G: 35491	Spring Chisel	6.0	39	172	18	9-12-30-6S	plant	None	Incinerate 6.0 oz/A
Antigo Silt Loam		May-16	Sep-23	S: 37476	Disk	OM %: 2.6			104	46-0-0	post		Dual II Mag 1.0 pt/A
Dryland		Corn / 30	Oct-18	G: 35635	Moldboard Plow	6.0	39	172	18	9-12-30-6S	plant	None	Incinerate 6.0 oz/A
Cress Sandy Loam		May-11			Disk	OM %: 2.6			104	46-0-0	post		Dual II Mag 1.0 pt/A
<b>Valders</b>	D. Wagner	Wheat / 30	Oct-26	G: 33096	Chisel Plow	6.6	77	128	160 gal	Municipal Sludge	pre	Force 6.5G	TripleFlex 3.0 pts/A
Kewaunee Clay Loam		May-13		O: 31041	Field Cultivator	OM %: 2.7			5000 gal	Manure	pre	2.0 lbs/A	Atrazine 1.0 lb/A
			Sep-19	S: 33180					18	9-11-30-6S-1Zn	plant		Realm Q 4.0 oz/A
									61	28-0-0-5S	post		Yukon 4.0 oz/A
													Fungicide - Headline Amp 14.4 oz/A

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

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

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

Brand	Hybrid	Traits†	2022						2021						
			Average			Yield (bu/A)			Average			Yield (bu/A)			
			Yield (bu/A)	P.I. #	Moist %	Test Wt.	Lodge %	ARL	JAN	MON	Yield (bu/A)	P.I. #	ARL	JAN	MON
NK Brand	NK0007-3120	CB,LL,RR	227	98	22.3	55	0	239	234	209					
Dairyland	DS-4014Q	CB,LL,RR,RW	234	99	22.7	54	1	257	247	197	233	101	250	211	239
NK Brand	NK9922-5222	CB,LL,RR,RW	230	98	22.9	53	2	238	234	217					
Power Plus	1K18Q	CB,LL,RR,RW	* 262	* 104	23.1	53	1	* 277	* 258	253	240	102	256	230	234
Cornelius	C6401SS	CB,LL,RR,RW	249	* 102	23.1	54	0	254	242	251	240	102	253	* 241	227
Legacy Seeds	LC554-21 DGVT2P	CB,DT,RR	* 255	* 103	23.4	52	0	257	243	* 266					
<b>100-DAY HYBRID TRIAL AVERAGE##</b>					<b>23.6</b>										
Legacy Seeds	LC551-22 SSX	CB,LL,RR,RW	* 259	* 104	23.6	54	0	247	* 263	* 268					
Tracy Seeds	T102-31 3110	CB,LL,RR	237	99	24.1	54	1	262	213	234	248	* 103	257	239	246
Wyffels	W4246RIB	CB,RR	238	99	24.1	53	0	258	227	230	241	101	253	* 241	228
LG Seeds	LG5525VT2RIB	CB,RR	245	101	24.1	54	0	253	229	255					
Legacy Seeds	LC541-22 SSX	CB,LL,RR,RW	250	101	24.3	55	1	258	221	* 271					
Cornelius	C6400DGDP	CB,DT,RR	* 272	* 106	24.5	52	0	* 282	* 266	* 269	232	100	246	233	216
AgriGold	A635-54VT2RIB	CB,RR	247	101	24.6	54	1	259	234	248	235	100	249	237	218
Wyffels	W3576	CB,RR,RW	* 254	* 102	25.0	52	1	252	243	* 267					
Jung	55DD520	CB,DT,RR	249	101	25.3	53	1	243	247	257	206	94	221	217	182
Dairyland	DS-4219AM	CB,LL,RR	* 262	* 103	25.5	52	1	* 292	248	244					
DenBesten	DB38-06	None	243	99	25.9	53	0	262	246	222	227	98	247	222	212
Jung	56SS538	CB,LL,RR,RW	248	100	26.5	54	1	253	242	249	236	100	253	238	217
PIP	X5303	None	248	100	26.7	52	1	269	240	234					
Cornelius	C6762SSP	B,LL,RR,RW	244	99	26.9	53	0	236	240	256					
Dekalb	DKC56-65RIB	CB,LL,RR,RW	242	98	27.1	54	1	272	231	224	236	100	253	234	222
AgriGold	A636-11STXRIB	CB,LL,RR,RW	246	99	27.1	53	0	* 281	248	208	246	102	* 275	* 242	222
Cornelius	C6525SSP	B,LL,RR,RW	* 269	* 104	27.4	52	0	* 285	* 269	253					
<b>105-DAY HYBRID TRIAL AVERAGE##</b>					<b>27.5</b>										
Tracy Seeds	T105-32 5122 EZ	CB,LL,RR,RW	231	95	27.6	51	4	258	237	197					
Power Plus	2J67Q	CB,LL,RR,RW-wo	* 255	101	27.6	52	0	* 282	* 262	221					
Legend Seeds	78706 SS RIB	CB,LL,RR,RW	* 271	* 104	27.7	52	1	* 274	* 267	* 273					
Jung	56SP543	B,LL,RR,RW	* 272	* 104	27.8	53	0	266	* 266	* 285					
Dairyland	DS-4510Q	CB,LL,RR,RW	* 263	* 102	27.8	53	1	272	* 259	258	* 259	* 105	* 282	* 244	252
Wyffels	W5086RIB	CB,RR	240	98	28.1	53	0	254	236	230	224	97	247	230	195
AgriGold	A633-14STXRIB	CB,LL,RR,RW	240	97	28.3	55	0	256	227	236	234	99	268	220	216
Jung	57DP553	CB,RR	241	97	28.6	52	1	255	227	241					
LG Seeds	LG57C33VT2RIB	CB,RR	* 263	* 102	28.7	52	0	* 280	244	* 266					
Cornelius	C6552PC	CB,LL,RR	* 265	* 102	28.8	51	2	* 277	249	* 269	249	102	264	* 240	243

CONTINUED.

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

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

Brand	Hybrid	Traits†	2022						2021						
			Average			Yield (bu/A)			Average			Yield (bu/A)			
			Yield (bu/A)	P.I. #	Moist %	Test Wt. %	Lodge %	ARL	JAN	MON	Yield (bu/A)	P.I. #	ARL	JAN	MON
Dairyland	DS-4310AM	CB,LL,RR	250	99	28.9	53	0	265	245	240	248	102	259	235	250
Legacy Seeds	LC564-20 PWE	CB,LL,RR	244	98	29.3	52	0	262	228	241	247	102	* 276	239	228
Cornelius	C6724SS	CB,LL,RR,RW	247	98	29.4	52	1	249	* 250	243					
Legend Seeds	LR 9106 PCE	CB,LL,RR	* 253	100	29.7	51	0	261	* 266	233	* 255	* 103	* 278	* 254	233
O'Brien Hybrids	OB1105	None	* 255	99	29.8	52	1	* 286	227	251	* 268	* 105	* 292	238	* 273
O'Brien Hybrids	OBX6106	CB,LL,RR	216	92	29.9	53	0	252	218	178					
NK Brand	NK0696-5122	CB,LL,RR,RW	245	98	29.9	53	0	244	232	257					
Tracy Seeds	T106-32 PC	CB,LL,RR	* 263	101	30.0	52	1	* 287	* 253	249					
Dekalb	DKC107-33RIB	B,LL,RR,RW	248	98	30.3	53	0	250	245	249					
Tracy Seeds	T107-33 5122 EZ	CB,LL,RR,RW	249	98	30.6	52	1	267	238	241					
NK Brand	NK0748-5122	CB,LL,RR,RW	249	98	30.9	53	1	261	247	240	236	98	245	239	225
AgriGold	A636-16VT2RIB	CB,RR	* 264	101	31.2	52	0	* 282	* 259	250					
MEAN			250	100	26.9	53	1	263	243	243	236	100	254	232	224
LSD(0.10)**			19	4	2.0	1	2	19	19	25	13	3	19	14	18

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

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

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

Shaded results provide the best estimate of relative hybrid performance.

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

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

Brand	Hybrid	Traits†	2022						2021						
			Average			Yield (bu/A)			Average		Yield (bu/A)				
			Yield (bu/A)	P.I. #	Moist %	Test Wt.	Lodge %	ARL	JAN	MON	Yield (bu/A)	P.I. #	ARL	JAN	MON
Jung	59SP573	B,LL,RR,RW	247	100	27.3	54	0	235	250	255					
Cornelius	C6936SS	CB,LL,RR,RW	* 257	* 102	27.3	52	1	* 282	246	243					
AgriGold	A639-70STXRIB	CB,LL,RR,RW	245	100	27.3	51	0	235	236	263	221	99	246	226	190
Renk	RK774VT2P	CB,RR	254	* 101	27.4	53	2	258	240	263					
Viking	85-09	None	* 268	* 104	28.4	54	1	* 285	* 258	260					
Cornelius	C575DP	CB,RR	* 256	* 101	28.8	53	0	* 263	247	260					
Prairie Hybrids	5142	None	252	100	28.8	52	0	* 270	236	250					
Wyffels	W5778RIB	CB,LL,RR,RW	* 259	* 101	29.1	52	1	* 273	243	259					
Dekalb	DKC59-81RIB	CB,LL,RR,RW	252	100	29.3	53	0	261	244	252	229	100	238	229	218
Dekalb	DKC61-41RIB	CB,RR	* 264	* 102	29.3	50	0	253	* 251	* 287	222	99	245	227	195
Legacy Seeds	LC594-21 VT2P	CB,RR	255	100	29.4	52	1	252	228	* 284					
Frontiersmen	108-M9PCE	CB,LL,RR	244	98	29.4	52	1	* 263	230	239					
FS InVISION	FS 5815V RIB	CB,RR	252	100	29.6	52	0	253	250	252	221	99	235	225	204
Power Plus	5L44AM	CB,LL,RR	* 258	* 101	29.8	53	0	* 265	247	263	* 240	* 103	246	* 237	* 236
FS InVISION	FS 6017V RIB	CB,RR	* 267	* 103	29.8	51	0	* 274	* 267	260	* 252	* 105	* 276	* 246	* 233
Renk	RK801SSTX	CB,LL,RR,RW	243	98	29.8	53	1	246	238	244					
FS InVISION	FS 5829V RIB	CB,RR	255	100	30.0	51	0	* 264	244	257					
LG Seeds	LG62C35STXRIB	CB,LL,RR,RW	236	96	30.0	51	1	237	227	243					
Dekalb	DKC62-89RIB	CB,RR	* 259	* 101	30.1	52	0	258	248	* 270	200	93	209	219	171
Renk	RK830SSTX	CB,LL,RR,RW	241	98	30.2	53	1	253	229	243					
Cornelius	C7124SS	CB,LL,RR,RW	249	99	30.2	53	1	245	242	260					
Jung	61SS613	CB,LL,RR,RW	* 266	* 102	30.3	53	0	* 263	* 260	* 275					
Renk	RK826VT2P	CB,RR	250	99	30.4	52	0	259	250	240	* 243	* 103	* 271	* 237	220
<b>110-DAY HYBRID TRIAL AVERAGE##</b>					<b>30.4</b>										
Cornelius	C6847TRE	CB,RR	* 265	* 102	30.4	51	0	* 270	247	* 279					
Renk	RK805VT2P	CB,RR	250	99	30.4	52	0	258	235	259					
Dekalb	DKC111-35RIB	CB,RR	249	99	30.6	54	0	247	249	252					
AgriGold	A639-40VT2RIB	CB,RR	* 269	* 103	30.6	52	1	262	* 256	* 289					
Dairyland	DS-4878AM	CB,LL,RR	* 265	* 102	30.7	52	0	* 271	247	* 278	* 250	* 105	* 273	* 236	* 241
Golden Harvest	G11V76-5122 EZ1	CB,LL,RR,RW	253	100	30.8	53	0	245	236	* 278					
Jung	59SS581	CB,LL,RR,RW	* 260	* 101	30.8	51	1	262	* 253	264	* 245	* 104	* 273	230	* 233
Cornelius	C7021DP	CB,RR	255	100	30.8	52	1	256	249	261					
FS InVISION	FS 6106X RIB	CB,LL,RR,RW	247	98	30.8	52	1	249	240	252	214	97	253	201	189
LG Seeds	LG59C72VT2RIB	CB,RR	249	99	31.1	50	0	259	243	245	* 244	* 102	* 285	211	* 236
Cornelius	C7373SSP	B,LL,RR,RW	* 265	* 102	31.1	52	1	* 270	* 264	262					

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

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

Brand	Hybrid	Traits†	2022							2021						
			Average				Yield (bu/A)			Average		Yield (bu/A)				
			Yield (bu/A)	P.I. #	Moist %	Test Wt.	Lodge %	ARL	JAN	MON	Yield (bu/A)	P.I. #	ARL	JAN	MON	
FS InVISION	FS 6217X RIB	CB,LL,RR,RW	* 269	* 102	31.2	53	1	* 272	* 264	* 271						
Dekalb	DKC63-91RIB	CB,RR	248	98	31.6	51	0	257	231	255	234	* 101	258	* 234	210	
Renk	RK895DGVT2P	CB,DT,RR	251	99	31.9	52	1	* 264	246	242						
Jung	63SP633	B,LL,RR,RW	* 260	100	32.0	53	1	258	* 259	263						
AgriGold	A641-85STX	CB,LL,RR,RW	* 264	* 101	32.0	53	0	* 265	* 261	265						
FS InVISION	FS 6025X	CB,LL,RR,RW	* 259	100	32.1	54	0	* 275	* 254	248						
<b>115-DAY HYBRID TRIAL AVERAGE##</b>					<b>32.3</b>											
Prairie Hybrids	6878	None	253	99	32.3	52	1	259	250	251	* 245	* 102	* 282	* 234	218	
Dairyland	DS-5144Q	CB,LL,RR,RW	* 258	100	32.3	52	1	* 264	* 252	258	* 248	* 104	* 283	* 236	225	
O'Brien Hybrids	OB1109	None	247	98	32.4	50	0	243	231	* 268						
Dairyland	DS-5161Q	CB,LL,RR,RW	237	96	32.4	53	1	257	210	244						
AgriGold	A642-05VT2PROD1	CB,DT,RR	* 261	100	33.6	52	0	* 274	239	* 271						
Renk	RK842VT2P	CB,RR	253	98	34.4	52	0	252	242	264						
AgriGold	A645-16STXRIB	CB,LL,RR,RW	251	97	34.9	53	0	* 265	242	247						
Golden Harvest	G12S75-5122 EZ1	CB,LL,RR,RW	* 257	98	36.0	52	0	258	243	* 270						
<b>MEAN</b>			<b>255</b>	<b>100</b>	<b>30.6</b>	<b>52</b>	<b>0</b>	<b>260</b>	<b>245</b>	<b>260</b>	<b>229</b>	<b>100</b>	<b>255</b>	<b>224</b>	<b>209</b>	
<b>LSD(0.10)**</b>			<b>13</b>	<b>3</b>	<b>1.6</b>	<b>1</b>	<b>1</b>	<b>22</b>	<b>16</b>	<b>22</b>	<b>16</b>	<b>4</b>	<b>25</b>	<b>17</b>	<b>21</b>	

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

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

Shaded results provide the best estimate of relative hybrid performance.

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

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

Brand	Hybrid	Traits†	2022									2021		
			Average						Yield (bu/A)			Average		
			Yield (bu/A)	P.I. #	Moist %	Test Wt.	Lodge %	FON	GAL	HAN	Yield (bu/A)	P.I. #	FON	GAL
Federal Hybrids	4880 VT2P	CB,RR	201	95	18.13	54	0	223	214	165				
LG Seeds	LG47C77STXRIB	CB,LL,RR,RW	209	96	18.69	54	1	222	230	176				
Renk	RK579DGV2P	CB,DT,RR	232	* 101	19.14	54	1	235	* 268	194	242	102	* 281 228 218	
O'Brien Hybrids	OB6091	CB,LL,RR	211	97	19.21	57	0	217	220	196				
PIP	4297	None	234	* 102	19.58	54	0	227	* 262	214	* 254	* 104	278 248 * 235	
Thunder Seed	T6398TRE	CB,RR	* 238	* 102	19.64	53	0	* 246	* 276	194				
Brunner	3990	None	229	* 101	19.66	54	1	236	232	* 220	241	102	261 233 * 228	
ProHarvest	4990VT2PRIB	CB,RR	232	* 101	19.8	55	0	* 247	248	201	241	102	266 234 222	
Renk	RK590VT2P	CB,RR	218	98	20.1	53	0	234	239	183	232	100	259 237 198	
Legacy Seeds	LC474-20 TREC	CB,RR	* 243	* 103	20.21	53	0	* 259	* 271	198	* 259	* 105	* 286 * 258 * 232	
Dairyland	DS-3550AM	CB,LL,RR	235	* 101	20.21	53	0	235	* 271	199	246	* 103	270 249 219	
Frontiersmen	098-L1TRE	CB,RR	* 242	* 103	20.26	52	0	* 257	* 269	200				
<b>95-DAY HYBRID TRIAL AVERAGE##</b>					<b>20.38</b>									
Dairyland	DS-3727AM	CB,LL,RR	233	* 101	20.5	55	2	230	* 259	209	249	* 103	275 250 * 223	
Thunder Seed	T6300 VT2P	CB,RR	222	98	20.52	54	0	234	* 256	175				
Dairyland	DS-3900AM	CB,LL,RR	235	* 101	20.55	55	3	238	* 261	207				
Legend Seeds	4397 TRE RIB	CB,RR	* 248	* 104	20.55	53	0	* 258	* 271	* 215				
AgriGold	A628-34VT2PRO	CB,RR	* 243	* 103	20.58	55	1	* 248	252	* 229				
Dairyland	DS-3601Q	CB,LL,RR,RW	226	99	20.8	54	1	* 253	238	189				
NK Brand	NK9874-3220	CB,LL,RR	220	98	20.81	56	1	235	229	195				
Jung	50DT503	CB,RR	* 239	* 102	20.87	54	0	* 257	* 265	195				
Legacy Seeds	LC451-21 SSX	CB,LL,RR,RW	234	* 101	20.96	54	0	240	252	211				
<b>100-DAY HYBRID TRIAL AVERAGE##</b>					<b>21.11</b>									
Dekalb	DKC49-24RIB	CB,LL,RR,RW	233	* 101	21.12	55	1	241	* 261	198				
Legacy Seeds	LC-4248 VT2P	CB,RR	* 243	* 103	21.23	53	0	237	* 262	* 230	* 254	* 104	271 * 255 * 235	
Dekalb	DKC48-34RIB	CB,LL,RR,RW	232	100	21.25	54	0	237	250	207				
Tracy Seeds	T100-33 3120A EZ	CB,LL,RR-wo	223	98	21.41	55	1	233	246	189				
DuPont Pioneer	P9815AM	CB,LL,RR	* 244	* 103	21.41	53	1	* 244	* 268	* 218				
Federal Hybrids	5005 VT2P	CB,RR	* 248	* 104	21.47	53	1	* 253	* 273	* 217				
NK Brand	NK0007-3120	CB,LL,RR	218	97	21.54	54	0	231	246	178				
Renk	RK600VT2P	CB,RR	* 250	* 104	21.59	54	0	* 258	* 274	* 218	243	102	262 243 * 224	
Dairyland	DS-3959Q	CB,LL,RR,RW	230	100	21.72	53	0	232	* 255	203	250	* 103	267 * 263 222	
Federal Hybrids	5030 AA EZ	CB,LL,RR-wo	221	98	21.87	54	0	242	235	187				
NK Brand	NK9922-5222	CB,LL,RR,RW	* 239	* 102	21.87	52	0	237	* 258	* 223				
Golden Harvest	G00A97-3120A	CB,LL,RR-wo	215	96	21.9	54	1	229	234	183				

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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)

Brand	Hybrid	Traits†	2022									2021				
			Average						Yield (bu/A)			Average		Yield (bu/A)		
			Yield (bu/A)	P.I. #	Moist %	Test Wt.	Lodge %	FON	GAL	HAN	Yield (bu/A)	P.I. #	FON	GAL	HAN	
Tracy Seeds	T095-32 5122 EZ	CB,LL,RR,RW	198	93	21.9	54	1	220	201	171	232	99	268	217	211	
AgriGold	A630-04VT2PRO	CB,RR	* 244	* 103	22.1	53	1	* 251	* 265	* 216						
AgriGold	A628-16VT2RIB	CB,RR	231	100	22.5	54	1	239	251	203	* 263	* 104	* 299	* 267	221	
O'Brien Hybrids	OB6100	CB,LL,RR	189	90	22.9	54	1	204	221	141						
Dairyland	DS-4014Q	CB,LL,RR,RW	233	100	22.9	53	0	239	251	209	246	102	262	251	* 224	
Tracy Seeds	T099-31 5222 EZ	CB,LL,RR,RW	226	98	23.4	52	0	224	253	200						
MEAN			229	100	20.9	54	0	238	251	199	235	100	262	231	213	
LSD(0.10)**			14	3	1.3	1	1	15	22	15	13	3	19	21	17	

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

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

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

Shaded results provide the best estimate of relative hybrid performance.

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

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

Brand	Hybrid	Traits†	2022									2021			
			Average						Yield (bu/A)			Average			
			Yield (bu/A)	P.I. #	Moist %	Test Wt.	Lodge %	FON	GAL	HAN	Yield (bu/A)	P.I. #	FON	GAL	HAN
Renk	RK609VT2P	CB,RR	216	99	19.6	53	0	236	232	181					
Federal Hybrids	5120 TRE	CB,RR	229	102	19.7	52	0	* 239	264	183					
Thunder Seed	T6902 VT2P	CB,RR	223	100	20.0	53	1	227	258	183	221	98	233	230	201
Dekalb	DKC101-35RIB	CB,RR	227	101	20.2	52	0	* 253	254	174					
ProHarvest	71P16SXRIB	CB,LL,RR,RW	226	101	20.4	53	0	* 239	244	196					
DenBesten	DB32-02	None	* 247	* 106	20.8	52	1	228	* 289	* 224					
FS InVISION	FS 5525VDG RIB	CB,DT,RR	225	100	21.2	51	0	* 249	248	176					
Viking	84-05	None	235	* 103	21.3	53	0	234	262	207	* 258	* 104	* 292	249	233
Viking	46-02	None	223	100	21.3	53	0	225	251	193	215	96	224	206	215
<b>100-DAY HYBRID TRIAL AVERAGE##</b>					21.4										
Legend Seeds	LR 9101 SS RIB	CB,LL,RR,RW	223	100	21.5	54	0	235	251	183					
Legacy Seeds	LC511-21 SSX	CB,LL,RR,RW	214	98	21.5	53	0	223	234	186					
Jung	54SP533	B,LL,RR,RW	201	95	21.6	51	1	222	226	156					
FS InVISION	FS 5125L1A EZR	CB,LL,RR	210	97	21.6	54	0	224	235	172					
Viking	O.84-04	None	* 238	* 103	21.6	54	0	* 243	262	* 210					
LG Seeds	LG51C62	None	219	99	21.7	52	1	* 238	234	186					
AgriGold	A631-90	None	* 237	* 103	21.9	53	0	* 238	269	204	237	99	264	220	226
Brunner	EXP104	None	* 245	* 105	22.0	54	0	* 240	* 277	* 218	* 263	* 105	* 277	* 262	* 250
Prairie Hybrids	3259	None	231	102	22.0	53	0	* 237	254	202	* 259	* 104	* 306	240	231
FS InVISION	FS 5115X RIB	CB,LL,RR,RW	217	98	22.0	53	1	230	249	173	240	100	253	243	224
Jung	53SS521	CB,LL,RR,RW	208	96	22.1	52	1	223	236	163	227	97	247	226	207
Jung	51SP513	B,LL,RR,RW	206	95	22.1	52	0	218	238	162					
Renk	RK625DGV2P	CB,DT,RR	228	100	22.1	51	0	* 254	246	183	252	102	* 275	251	229
Legacy Seeds	LC544-22	None	231	101	22.2	53	1	236	264	192					
Dairyland	DS-4018AM	CB,LL,RR	230	101	22.2	53	1	228	263	198	* 254	* 103	* 284	250	227
LG Seeds	LG52C42RR	RR	228	101	22.2	53	2	232	251	201					
ProHarvest	74P51VT2PRIB	CB,RR	230	101	22.2	52	0	234	265	192					
Legacy Seeds	LC525-21 PWE	CB,LL,RR	* 250	* 105	22.3	51	2	* 238	* 290	* 221					
Tracy Seeds	T102-31 3110	CB,LL,RR	225	100	22.3	54	0	231	253	191	* 256	* 104	* 292	241	236
Dairyland	DS-4219AM	CB,LL,RR	* 245	* 104	22.4	51	0	* 247	* 273	* 216					
Federal Hybrids	5300 VT2P	CB,RR	213	97	22.4	52	0	235	237	169					
Golden Harvest	G02K39-5122 EZ1	CB,LL,RR,RW	207	96	22.4	52	1	220	224	178	241	100	258	234	230
Renk	RK715SSTX	CB,LL,RR,RW	215	97	22.5	52	1	* 237	244	165					
Legacy Seeds	LC551-22 SSX	CB,LL,RR,RW	* 240	* 103	22.8	52	0	* 250	* 272	198					
FS InVISION	FS 5594X RIB	CB,LL,RR,RW	217	98	22.8	53	1	230	234	186	244	101	* 276	237	218

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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)

Brand	Hybrid	Traits†	2022						2021						
			Average			Average			Average			Average			
			Yield (bu/A)	P.I. #	Moist %	Test Wt. %	Lodge %	Yield (bu/A)	Yield (bu/A)	Yield (bu/A)	Yield (bu/A)	P.I. #	Yield (bu/A)	Yield (bu/A)	Yield (bu/A)
Thunder Seed	T6204 VT2P	CB,RR	225	99	22.9	51	1	* 247	251	178	250	101	* 290	253	209
AgriGold	A635-54VT2RIB	CB,RR	* 237	102	22.9	53	0	* 248	264	199	241	100	265	251	207
Dekalb	DKC105-35RIB	CB,RR	* 247	* 104	23.0	52	0	* 247	* 287	206					
Legacy Seeds	LC541-22 SSX	CB,LL,RR,RW	215	97	23.0	52	1	230	259	158					
Prairie Hybrids	4470	None	* 247	* 105	23.0	50	0	* 240	* 282	* 220	246	100	* 282	227	230
Legacy Seeds	LC554-21 DGVT2P	CB,DT,RR	233	101	23.1	51	0	* 249	268	181					
<b>105-DAY HYBRID TRIAL AVERAGE##</b>					23.1										
Golden Harvest	G06A27-5122 EZ1	CB,LL,RR,RW	213	97	23.4	51	0	233	242	165					
Renk	RK710DGVT2P	CB,DT,RR	229	100	23.6	52	0	233	266	187	242	100	267	249	209
Dairyland	DS-4510Q	CB,LL,RR,RW	231	100	23.7	52	1	* 238	263	192	* 264	* 104	* 301	* 264	227
Dekalb	DKC56-15RIB	CB,RR	224	99	23.7	51	2	230	252	189	* 270	* 106	* 285	* 281	* 245
Viking	72-06	None	* 241	* 103	23.8	51	0	* 247	* 274	203	* 254	102	* 292	245	223
Jung	53DP523	CB,RR	226	99	24.6	51	1	* 247	249	182					
DuPont Pioneer	P0421AM	CB,LL,RR	229	100	24.6	51	0	227	256	205					
AgriGold	A633-14STXRIB	CB,LL,RR,RW	214	96	24.6	52	4	236	243	164	253	102	* 283	* 265	209
FS InVISION	FS 5725X	CB,LL,RR,RW	* 239	101	24.7	51	1	* 245	* 287	186					
Renk	RK774VT2P	CB,RR	233	101	24.8	52	0	* 251	253	195					
FS InVISION	FS 5829V RIB	CB,RR	224	98	25.0	49	1	226	253	192					
Thunder Seed	T6306 PC	CB,LL,RR	226	99	25.1	49	0	* 239	248	190					
Renk	RK700SSTX	CB,LL,RR,RW	223	98	26.4	51	0	230	239	198					
Golden Harvest	G07G73-5122 EZ1	CB,LL,RR,RW	217	96	27.0	51	1	218	247	188					
<b>MEAN</b>			<b>227</b>	<b>100</b>	<b>22.6</b>	<b>52</b>	<b>0</b>	<b>236</b>	<b>255</b>	<b>189</b>	<b>239</b>	<b>100</b>	<b>263</b>	<b>237</b>	<b>218</b>
<b>LSD(0.10)**</b>			<b>14</b>	<b>3</b>	<b>1.9</b>	<b>1</b>	<b>1</b>	<b>17</b>	<b>19</b>	<b>16</b>	<b>16</b>	<b>3</b>	<b>34</b>	<b>19</b>	<b>13</b>

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

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

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

Shaded results provide the best estimate of relative hybrid performance.

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

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

Brand	Hybrid	Traitst	2022										2021					
			Average					Yield (bu/A)					Average		Yield (bu/A)			
			Yield (bu/A)	P.I. #	Moist %	Test Wt.	Lodge %	CHP	MAR	SEY	VAL	Yield (bu/A)	P.I. #	CHP	MAR	SEY	VAL	
AgriGold	A619-06RR	RR	191	95	20.0	53	1	87	206	232	* 237							
NK Brand	NK8760-3220	CB,LL,RR	173	92	20.3	55	1	153	170	194	175							
Dekalb	DKC41-55RIB	CB,RR	210	100	20.8	54	0	162	208	* 256	216							
LG Seeds	LG42C37-3220AEZ	CB,LL,RR-wo	209	100	21.0	54	0	192	185	* 249	209							
AgriGold	A622-65	None	212	100	21.1	53	2	144	* 224	* 255	224	* 251	* 104	* 238	* 262	* 249	256	
Dairyland	DS-3366AM	CB,LL,RR	210	100	21.1	55	1	184	207	242	205	* 255	* 105	* 237	* 267	* 248	* 270	
Frontiersmen	089-L1 VT2P	CB,RR	189	95	21.2	53	0	129	200	225	202							
Federal Hybrids	4160 VT2P	CB,RR	198	97	21.2	53	1	168	201	222	203							
Dairyland	DS-2919AM	CB,LL,RR	213	* 101	21.2	54	0	175	* 219	231	224							
Renk	RK429-3220A	CB,LL,RR-wo	208	99	21.3	55	3	205	200	246	182	237	101	* 219	237	243	248	
Legend Seeds	LR 9191VIP3110A	CB,LL,RR-wo	206	99	21.4	50	0	171	204	236	214	216	96	196	215	227	228	
Brunner	3911GT-3110A	CB,LL,RR-wo	209	100	21.5	54	1	203	208	241	182	235	100	* 226	222	* 257	236	
FS InVISION	FS 4008V RIB	CB,RR	207	99	21.6	53	0	175	199	220	* 236	238	101	* 222	246	229	255	
Dairyland	DS-3022AM	CB,LL,RR	* 216	* 101	21.6	54	1	179	* 217	246	220	* 246	101	207	* 263	244	* 269	
Project Seeds	PS-92	None	203	98	21.7	53	0	187	195	220	212							
Federal Hybrids	4225 RR	RR	* 220	* 102	21.8	53	1	203	210	247	219							
<b>90-DAY HYBRID TRIAL AVERAGE##</b>					<b>21.8</b>													
LG Seeds	LG42C24VT2PRO	CB,RR	186	93	21.9	52	5	104	* 219	239	184							
Dekalb	DKC39-55RIB	CB,RR	204	98	21.9	53	0	145	209	238	224	239	102	* 226	245	240	246	
Legacy Seeds	LC391-20 VT2P	CB,RR	204	98	22.1	52	0	170	196	226	224	238	102	216	243	247	248	
Renk	RK444VT2P	CB,RR	* 229	* 104	22.1	53	0	215	* 224	* 262	215							
AgriGold	A620-82VT2RIB	CB,RR	210	100	22.1	52	0	189	200	236	214	225	99	210	229	224	239	
Viking	42-92	None	207	99	22.2	53	0	186	189	224	* 228	217	96	176	230	219	242	
Federal Hybrids	4135 VP3110A	CB,LL,RR-wo	199	97	22.2	54	1	183	193	225	193							
Federal Hybrids	4120 VT2P	CB,RR	* 216	* 101	22.2	54	1	199	201	232	* 231	235	100	215	224	* 250	252	
Federal Hybrids	4330 VT2P	CB,RR	209	99	22.7	53	1	190	195	* 250	202							
Frontiersmen	094-L1VT2P	CB,RR	* 227	* 103	22.7	53	1	211	* 214	* 255	227							
Legacy Seeds	LC414-21 VT2P	CB,RR	211	100	22.7	54	0	189	191	231	* 231							
Legacy Seeds	LC444-21	None	* 228	* 104	22.8	53	1	* 239	200	242	* 229							
Dekalb	DKC42-64RIB	CB,LL,RR,RW	187	94	22.8	52	0	155	173	218	203							
ProHarvest	64P24VT2PRIB	CB,RR	* 222	* 102	22.8	53	0	210	* 217	* 255	207	* 256	* 104	* 236	* 273	* 254	* 261	
Dairyland	DS-3203AM	CB,LL,RR	* 222	* 102	22.9	54	0	207	205	243	* 234							
Dekalb	DKC44-98RIB	CB,RR	* 230	* 104	22.9	52	0	214	* 223	* 260	224	243	101	215	* 271	238	250	
Jung	44DP412	CB,RR	209	99	23.0	52	0	183	194	234	225	231	99	* 225	237	228	236	
<b>95-DAY HYBRID TRIAL AVERAGE##</b>					<b>23.0</b>													

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

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

Brand	Hybrid	Traitst	2022										2021						
			Average							Yield (bu/A)			Average		Yield (bu/A)				
			Yield (bu/A)	P.I. #	Moist %	Test Wt.	Lodge %	CHP	MAR	SEY	VAL	Yield (bu/A)	P.I. #	CHP	MAR	SEY	VAL		
Dairyland	DS-3477AM	CB,LL,RR	* 230	* 104	23.2	52	1	216	208	* 259	* 238								
DuPont Pioneer	P9492AM	CB,LL,RR	* 229	* 104	23.2	51	1	* 236	204	* 252	225								
NK Brand	NK9347-5122	CB,LL,RR,RW	203	98	23.2	52	0	180	197	222	213								
PIP	4393	None	* 236	* 106	23.3	53	1	* 259	205	230	* 248								
LG Seeds	LG44C27VT2RIB	CB,RR	* 217	* 101	23.4	53	0	188	207	246	* 228	240	101	207	* 270	239	244		
Golden Harvest	G93A49-5122 EZ1	CB,LL,RR,RW	205	98	23.5	52	1	190	188	227	216								
Renk	RK485DGV2P	CB,DT,RR	* 229	* 103	23.7	54	2	204	* 212	* 264	* 236	* 251	* 103	213	* 261	* 252	* 279		
Legacy Seeds	LC451-21 VT2P	CB,RR	* 227	* 103	23.9	52	1	217	* 213	242	* 235								
Thunder Seed	T6294 VT2P	CB,DT,RR	* 236	* 105	24.0	54	0	* 243	205	* 259	* 238	* 255	* 104	* 230	* 256	* 266	* 268		
NK Brand	NK9231-3120	CB,LL,RR	* 236	* 105	24.2	52	0	* 258	204	246	* 234								
ProHarvest	4340VT2PRIB	CB,RR	211	99	24.6	53	0	188	192	233	* 230	234	100	209	232	* 253	242		
MEAN			212	100	22.3	53	1	188	203	239	218	234	100	210	244	239	245		
LSD(0.10)**			20	5	1.5	2	2	27	12	16	20	11	2	23	17	18	19		

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

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

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

Shaded results provide the best estimate of relative hybrid performance.

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

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

Brand	Hybrid	Traits†	2022										2021					
			Average					Yield (bu/A)					Average		Yield (bu/A)			
			Yield (bu/A)	P.I. #	Moist %	Test Wt.	Lodge %	CHP	MAR	SEY	VAL	Yield (bu/A)	P.I. #	CHP	MAR	SEY	VAL	
FS InVISION	FS 4507V RIB	CB,RR	211	98	21.5	54	0	203	193	228	222	229	97	206	247	241	223	
Legacy Seeds	LC464-21 3120	CB,LL,RR	207	97	22.2	52	0	213	194	233	188							
Thunder Seed	T6397 AA	CB,LL,RR	203	96	22.6	53	1	202	202	221	188							
Federal Hybrids	4580 VT2P	CB,RR	209	97	23.1	53	0	215	191	234	197							
Viking	52-96	None	210	97	23.2	53	1	215	185	240	199	242	99	228	252	249	242	
Thunder Seed	T6396 VT2P	CB,RR	218	99	23.4	52	0	205	205	241	220							
Renk	RK561DGV2P	CB,DT,RR	220	99	23.6	52	0	217	206	224	232	234	98	210	243	243	241	
Jung	45SS423	CB,LL,RR,RW	* 230	* 101	23.9	53	0	234	189	* 247	* 251							
<b>95-DAY HYBRID TRIAL AVERAGE##</b>					24.1													
Thunder Seed	T8395 DC	CB,LL,RR,RW	204	95	24.1	53	0	221	179	227	192							
FS InVISION	FS 4715V RIB	CB,RR	225	* 100	24.1	51	0	216	205	* 249	230	252	101	220	265	269	253	
Federal Hybrids	4520 DGVT2P	CB,DT,RR	* 235	* 102	24.3	54	0	244	207	* 251	238	258	102	234	264	260	* 273	
Legend Seeds	3795 DGVT2 RIB	CB,DT,RR	* 233	* 101	24.5	54	0	248	201	235	* 248							
Thunder Seed	T6398TRE	CB,RR	* 234	* 102	24.5	51	0	* 269	199	243	226							
Jung	47DP429	CB,RR	229	* 101	24.6	53	0	217	214	* 248	237	261	102	232	272	271	* 271	
Legacy Seeds	LC482-21 VT2P	CB,RR	215	98	24.6	52	0	209	188	231	233							
Renk	RK502SSTX	CB,LL,RR,RW	219	98	24.6	51	0	217	190	234	235							
Legacy Seeds	LC461-21 DGV2P	CB,DT,RR	* 230	* 101	24.7	54	0	247	205	* 246	225	248	100	226	242	255	* 269	
Dekalb	DKC45-35RIB	CB,RR	228	* 100	24.7	52	1	* 256	201	234	221							
Jung	46DP433	CB,RR	217	98	24.8	52	1	221	196	238	213							
Viking	44-98	None	213	97	24.8	52	1	164	205	241	* 241							
Brunner	3990	None	* 233	* 102	24.8	51	0	196	* 233	* 257	* 246							
Thunder Seed	T8396 SS	CB,LL,RR,RW	* 231	* 101	24.8	52	1	243	210	* 245	227							
Dairyland	DS-3550AM	CB,LL,RR	225	* 100	24.9	51	0	228	196	* 246	230	259	102	231	273	249	* 282	
Dairyland	DS-3601Q	CB,LL,RR,RW	* 232	* 101	24.9	52	0	255	193	* 246	233							
Legacy Seeds	LC474-20 TREC	CB,RR	* 239	* 102	24.9	51	2	* 271	202	* 251	232	* 273	* 105	* 254	* 290	265	* 282	
FS InVISION	FS 4927T RIB	CB,RR	* 241	* 103	25.0	51	0	* 276	208	* 248	230							
Thunder Seed	T6298 VT2P	CB,RR	* 236	* 102	25.0	51	1	* 260	193	243	* 248	231	96	210	234	224	253	
NK Brand	NK9874-3220	CB,LL,RR	222	99	25.1	53	0	243	189	230	227							
Renk	RK590VT2P	CB,RR	* 230	* 101	25.1	51	0	214	199	* 258	* 250	260	102	227	* 284	251	* 277	
ProHarvest	4990VT2PRIB	CB,RR	229	* 100	25.2	53	0	236	195	242	* 243	264	* 103	* 241	272	269	* 274	
LG Seeds	LG49C28	None	* 247	* 104	25.6	52	0	* 273	217	244	* 253							
Dairyland	DS-3900AM	CB,LL,RR	* 244	* 103	25.6	53	1	* 259	202	* 256	* 258							
FS InVISION	FS 5098V RIB	CB,RR	* 247	* 104	25.7	52	1	* 260	* 223	* 260	* 246	* 273	* 103	235	* 291	* 286	* 280	
Dairyland	DS-3727AM	CB,LL,RR	228	* 100	25.9	53	0	* 257	183	237	236	251	100	238	268	247	249	

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

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

Brand	Hybrid	Traitst	2022										2021				
			Average			Yield (bu/A)				Average			Yield (bu/A)				
			Yield (bu/A)	P.I. #	Moist %	Test Wt. %	Lodge %	CHP	MAR	SEY	VAL	Yield (bu/A)	P.I. #	CHP	MAR	SEY	VAL
<b>100-DAY HYBRID TRIAL AVERAGE##</b>			<b>25.9</b>														
Dekalb	DKC48-69RIB	CB,RR	228	* 100	26.0	52	1	244	192	233	* 241	253	100	228	245	260	* 278
Golden Harvest	G00A97-3120A	CB,LL,RR-wo	226	99	26.0	52	0	* 260	182	240	224						
Jung	48SS443	CB,LL,RR,RW	* 230	* 100	26.1	52	0	248	198	240	232						
Renk	RK579DGV2P	CB,DT,RR	* 237	* 102	26.4	51	0	230	212	* 251	* 257	259	102	* 250	264	253	* 268
NK Brand	NK0007-3120	CB,LL,RR	225	99	26.4	52	0	250	182	238	230						
ProHarvest	71P16SXRIB	CB,LL,RR,RW	* 240	* 102	26.5	52	0	247	210	* 262	* 244						
Golden Harvest	G99A37-5222 EZ1	CB,LL,RR,RW	229	* 100	26.7	51	0	251	197	234	236						
Legacy Seeds	LC-4248 VT2P	CB,RR	* 237	* 101	27.0	52	0	235	210	* 261	* 241						
NK Brand	NK9922-5222	CB,LL,RR,RW	228	99	27.2	51	1	255	191	240	227						
Becks	5145Q	CB,LL,RR,RW	* 238	* 101	27.2	51	0	* 272	189	* 257	234						
Renk	RK600VT2P	CB,RR	* 240	* 102	27.2	51	1	249	217	* 257	236						
MEAN			227	100	24.9	52	0	237	200	243	231	249	100	226	258	253	259
LSD(0.10)**			17	4	1.6	1	1	20	13	17	17	11	2	22	14	14	21

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

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

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

Shaded results provide the best estimate of relative hybrid performance.

# Table 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)

Brand	Hybrid	Traits†	2022										2021						
			Average					Yield (bu/A)					Average		Yield (bu/A)				
			Yield (bu/A)	P.I. #	Moist %	Test Wt.	Lodge %	COL	MAR	SPD	SPI	SPS	Yield (bu/A)	P.I. #	COL	MAR	SPD	SPI	SPS
Legend Seeds	22684 VT2P RIB	CB,RR	175	99	21.2	53	1	158	190	*169	200	160							
Dekalb	DKC32-35RIB	CB,RR	184	100	21.7	54	1	159	197	145	231	189							
Jung	33DP303	CB,RR	189	*102	21.9	53	1	*173	195	141	232	*206							
Jung	35DP301	CB,RR	183	101	21.9	53	0	*166	189	*170	226	164	181	100	205	230	127	183	160
Dekalb	DKC35-34RIB	CB,LL,RR,RW	180	99	22.4	53	0	154	185	157	224	181							
LG Seeds	LG36C55RR	RR	177	98	22.4	53	1	133	206	158	211	174							
Renk	RK223RR	RR	178	99	22.4	54	1	142	188	157	219	185							
Dairyland	DS-2531AM	CB,LL,RR	190	*102	22.4	52	0	157	184	*180	237	192							
LG Seeds	LG35C41VT2	CB,RR	176	97	22.7	55	0	135	*215	106	221	*204							
Dairyland	DS-2505Q	CB,LL,RR,RW	194	*103	22.8	52	0	*166	*212	151	234	*207	190	*102	226	227	127	200	*169
Renk	RK256-3120	CB,LL,RR	189	101	22.8	54	0	147	203	158	238	197	191	101	233	232	*132	195	*164
Jung	39DP338	CB,RR	194	*102	22.9	52	0	*168	*210	149	240	*202	202	*105	229	240	*150	212	*180
Dekalb	DKC36-48RIB	CB,RR	193	*102	23.2	52	0	162	207	134	*257	*204	176	98	211	202	109	196	161
<b>85-DAY HYBRID TRIAL AVERAGE##</b>					23.4														
Viking	80-89	None	186	100	23.4	53	1	*165	199	152	225	187	186	100	223	233	125	173	*176
Dairyland	DS-3162Q	CB,LL,RR,RW	*202	*105	23.6	50	0	*163	*209	*190	*264	185	201	*103	*248	259	*135	204	157
Dekalb	DKC36-86RIB	CB,RR	174	97	23.6	53	0	151	190	151	209	171	180	99	217	207	126	203	148
LG Seeds	LG36C62VT2RIB	CB,RR	189	101	23.8	53	0	156	203	147	239	199	180	99	211	227	128	185	148
Federal Hybrids	3530 VP3220	CB,LL,RR	167	95	24.1	53	1	147	179	142	209	158							
Jung	38DP323	CB,RR	*201	*103	24.1	52	0	160	*223	153	*266	201							
FS InVISION	FS 3525L2 EZR	CB,LL,RR	168	95	24.1	53	1	145	185	115	219	176							
Golden Harvest	G87A53-3220	CB,LL,RR	172	96	24.2	53	1	151	179	150	212	169							
FS InVISION	FS 4507V RIB	CB,RR	199	*103	24.6	52	0	146	*210	*185	*261	195	195	101	232	248	111	211	*172
Federal Hybrids	3880 VT2P	CB,RR	186	99	24.9	51	0	158	208	142	226	195	187	100	224	224	126	204	156
LG Seeds	LG37C77RR	RR	191	101	24.9	51	1	*166	*212	150	225	200							
NK Brand	NK8760-3220	CB,LL,RR	159	92	25.0	53	0	141	173	107	202	172							
ProHarvest	57P17VT2PRIB	CB,RR	194	101	25.0	51	0	*164	*216	144	237	*208	190	100	241	232	112	202	*165
Jung	40DP401	CB,RR	*201	*103	25.1	51	0	*176	*210	164	*260	197	196	*103	239	229	123	213	*176
Dekalb	DKC39-55RIB	CB,RR	195	*102	25.1	52	0	159	*221	151	*256	190							
Brunner	EXP88	None	191	100	25.1	52	1	161	*218	124	249	*202	183	98	217	244	115	187	152
Dairyland	DS-2919AM	CB,LL,RR	*206	*105	25.2	54	0	*168	*212	*168	*265	*217							
Federal Hybrids	4160 VT2P	CB,RR	190	101	25.3	51	0	*165	*215	*166	222	183							
Dairyland	DS-3022AM	CB,LL,RR	*201	*103	25.4	53	0	158	207	154	*271	*214	*204	*104	*254	260	*132	208	*167
Legacy Seeds	LC391-20 VT2P	CB,RR	196	101	25.4	51	1	158	206	147	*259	*208	*207	*105	227	249	*147	*226	*183
ProHarvest	4255RR2	RR	*203	*104	25.6	51	0	*166	201	*194	251	*204	193	101	229	243	118	209	*168

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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)

Brand	Hybrid	Traits†	2022										2021							
			Average					Yield (bu/A)					Average		Yield (bu/A)					
			Yield (bu/A)	P.I. #	Moist %	Test Wt.	Lodge %	COL	MAR	SPD	SPI	SPS	Yield (bu/A)	P.I. #	COL	MAR	SPD	SPI	SPS	
Renk	RK297VT2P	CB,RR	190	100	25.7	51	0	*165	204	128	246	*206	197	*102	234	237	*138	205	*171	
<b>90-DAY HYBRID TRIAL AVERAGE##</b>			25.8																	
Federal Hybrids	4225 RR	RR	*206	*104	25.9	51	1	*179	203	162	*276	*209								
FS InVISION	FS 4008V RIB	CB,RR	189	99	26.0	51	0	153	202	138	243	*207	*206	*104	231	253	*147	*227	*170	
Dairyland	DS-3366AM	CB,LL,RR	187	98	26.0	52	7	153	*216	130	238	199	200	*103	242	253	*131	213	161	
Legend Seeds	40J287 RR	RR	185	98	26.3	53	1	153	199	143	238	192								
Brunner	3911GT-3110A	CB,LL,RR-wo	186	98	26.3	52	0	*166	193	118	247	*206	200	*103	*247	245	*132	*215	161	
Jung	42DP403	CB,RR	191	100	26.6	51	0	153	199	*174	*256	174								
Federal Hybrids	4120 VT2P	CB,RR	192	100	26.6	52	0	158	206	146	250	201	194	100	237	242	121	205	*163	
NK Brand	NK9347-5122	CB,LL,RR,RW	191	100	26.7	51	0	*171	191	136	249	*209								
Legacy Seeds	LC414-21 VT2P	CB,RR	180	97	26.8	52	0	148	188	131	235	196								
Dairyland	DS-3477AM	CB,LL,RR	*204	*104	26.8	51	0	*165	*214	*175	248	*219								
Renk	RK400VT2P	CB,RR	195	100	26.9	51	0	149	202	151	*261	*210								
<b>95-DAY HYBRID TRIAL AVERAGE##</b>			27.0																	
Federal Hybrids	4135 VP3110A	CB,LL,RR-wo	183	97	27.0	51	1	160	205	108	237	*203								
Dairyland	DS-3203AM	CB,LL,RR	199	*102	27.1	51	0	160	189	*192	239	*213								
ProHarvest	4340VT2PRIB	CB,RR	175	95	27.3	51	0	148	190	118	232	189	200	*102	235	242	127	*214	*183	
Golden Harvest	G91V51-5222A EZ1	CB,LL,RR,RW-wo	180	95	27.7	52	0	161	197	86	252	*202	196	101	238	244	122	203	*173	
ProHarvest	4511RR2	RR	182	97	28.0	50	1	146	207	143	211	*203								
Legacy Seeds	LC403-22 3120	CB,LL,RR	*216	*106	28.0	50	0	*166	*221	*196	*274	*222								
NK Brand	NK9231-3120	CB,LL,RR	*209	*104	28.1	51	0	*180	206	*180	*275	*206								
ProHarvest	64P24VT2PRIB	CB,RR	193	99	28.2	51	0	*164	*212	133	246	*209								
FS InVISION	FS 4715V RIB	CB,RR	183	96	28.6	49	0	160	203	107	237	*208	*213	*104	*259	*283	*136	*221	*165	
MEAN			189	100	25.0	52	0	158	202	148	240	196	187	100	224	232	122	198	162	
LSD(0.10)**			15	4	1.2	1	2	17	14	31	23	20	10	3	18	17	21	13	20	

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

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

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

Shaded results provide the best estimate of relative hybrid performance.

# Table 14. Southern Zone - Early Maturity Silage Trial.

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

Brand	Hybrid	Traits†	2022									2021					
			Average			Moist	NDF	NDFD	Starch	Yield (T/A)		Average			Yield (T/A)		
			Yield (T/A)	Milk per Ton	Milk per Acre					ARL	MON	Yield (T/A)	Milk per Ton	Milk per Acre	ARL	MON	
Viking	51-04	None	* 10.2	* 3480	* 35300	65.1	36	62	34	* 11.5	8.8	11.7	* 3380	* 39600	12.0	11.4	
NK Brand	NK0696-5122	CB,LL,RR,RW	* 10.1	* 3440	* 34900	65.5	36	60	34	9.7	* 10.5						
Dekalb	DKC59-07RIB	CB,LL,RR,RW	9.6	* 3430	32900	66.2	37	62	33	10.2	9.1						
AgriGold	A639-40VT2RIB	CB,RR	* 11.3	3390	* 38500	66.3	38	60	32	* 10.9	* 11.8						
Latham	LH5965VT2PRORIB	CB,RR	* 10.2	3380	* 34400	66.7	38	59	32	* 10.7	9.6	* 12.1	* 3370	* 40800	* 12.7	* 11.5	
Dairyland	DS-4510Q	CB,LL,RR,RW	9.7	3390	32900	66.8	38	62	31	* 10.7	8.7						
Cornelius	C7021DP	CB,RR	* 10.1	* 3450	* 34700	67.1	39	61	32	* 11.3	8.9						
Dekalb	DKC56-65RIB	CB,LL,RR,RW	9.6	* 3420	32700	67.3	38	62	31	9.9	9.3	10.4	3300	34500	10.7	10.1	
<b>105-DAY HYBRID TRIAL AVERAGE##</b>						67.4											
AgriGold	A640-65 5222AEZ	CB,LL,RR,RW,wo	* 11.3	* 3460	* 39200	67.8	37	61	33	* 10.8	* 11.8						
AgriGold	A639-70STXRIB	CB,LL,RR,RW	* 10.0	* 3550	* 35600	68.0	38	63	33	10.3	9.8	11.3	* 3470	39400	11.4	11.2	
NK Brand	NK0748-5122	CB,LL,RR,RW	* 10.3	3190	33000	68.0	38	61	29	* 11.5	9.1	11.6	3200	36900	12.2	10.9	
FS InVISION	FS 6017V RIB	CB,RR	* 10.3	3370	* 34700	68.1	38	61	31	* 10.5	10.1	* 12.2	* 3500	* 42800	* 13.3	11.2	
<b>110-DAY HYBRID TRIAL AVERAGE##</b>						68.2											
Jung	57SS552	CB,LL,RR,RW	9.4	* 3460	32500	68.2	37	63	32	9.6	9.1	11.1	* 3410	37800	11.9	10.4	
DenBesten	DB39-10	None	* 10.6	* 3410	* 36200	68.3	37	61	32	* 11.4	9.7						
PIP	X5308	None	* 11.5	3270	* 37600	68.5	37	60	30	* 11.7	* 11.3						
Legacy Seeds	LC594-21 VT2P	CB,RR	9.9	3230	32100	68.5	41	58	28	* 10.9	8.9						
Cornelius	C6847TRE	CB,RR	* 10.6	3300	* 34900	68.6	40	61	29	10.3	* 10.8						
AgriGold	A636-16VT2RIB	CB,RR	* 10.6	3290	* 35000	68.6	38	57	31	* 11.1	10.1						
DenBesten	DB42-06-OR	None	7.9	3090	24500	68.6	40	59	27	10.4	5.3						
FS InVISION	FS 6025X	CB,LL,RR,RW	* 10.4	3210	* 33400	68.9	40	60	28	10.3	* 10.5						
Dairyland	HiDF-4999Q	CB,LL,RR,RW	* 11.5	* 3410	* 39200	68.9	37	65	31	* 11.7	* 11.2	* 12.4	* 3410	* 42500	* 13.0	* 11.9	
Jung	60SS603	CB,LL,RR,RW	* 11.1	3150	* 35100	69.1	40	60	27	* 11.7	* 10.6						
Cornelius	C6724SS	CB,LL,RR,RW	* 10.5	* 3420	* 35900	69.2	37	60	33	* 11.0	10.0						
O'Brien Hybrids	OB1109	None	* 10.3	3340	* 34600	69.4	39	60	31	* 10.7	10.0						
Dairyland	HiDF-5000Q	CB,LL,RR,RW	* 11.2	3200	* 35800	71.0	39	60	28	* 11.7	* 10.6						
<b>MEAN</b>			10.3	3350	34600	67.9	38	61	31	10.8	9.8	11.5	3350	38500	12.0	11.0	
<b>LSD(0.10)**</b>			1.6	140	5900	1.4	2	1	3	1.2	1.6	0.7	130	3300	0.9	0.8	

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

## 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.

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

Brand	Hybrid	Traits†	2022									2021				
			Average			Moist %	NDF %	NDFD %	Starch %	Yield (T/A)		Average			Yield (T/A)	
			Yield (T/A)	Milk per Ton	Milk per Acre					ARL	MON	Yield (T/A)	Milk per Ton	Milk per Acre	ARL	MON
Latham	LH6285VT2PRORIB	CB,RR	10.2	3330	33900	66.4	39	61	30	11.1	9.3	11.6	* 3350	* 39000	11.5	* 11.8
NK Brand	NK1354-5222	CB,LL,RR,RW	* 11.0	* 3430	* 37700	66.8	38	63	31	11.1	* 10.9					
FS InVISION	FS 6217X RIB	CB,LL,RR,RW	10.3	* 3430	* 35300	67.1	37	61	32	11.2	9.4	11.3	* 3370	* 38000	12.0	10.6
NK Brand	NK1188-5122	CB,LL,RR,RW	10.1	* 3510	* 35400	67.4	37	63	32	10.7	* 9.5	* 11.9	* 3330	* 39600	12.1	* 11.7
Latham	LH6175VT2PRORIB	CB,RR	9.6	3340	31900	67.5	39	59	31	10.7	8.4					
Jung	65SS611	CB,LL,RR,RW	9.8	* 3460	33900	67.9	38	62	32	10.6	9.0					
Prairie Hybrids	8960	None	10.3	* 3360	34600	68.0	39	60	31	11.3	9.3	* 12.0	* 3360	* 40400	12.0	* 12.0
AgriGold	A641-85STX	CB,LL,RR,RW	10.0	* 3400	34000	68.0	38	60	31	11.3	8.6					
Burrus	7N88SS	CB,LL,RR,RW	* 10.9	3200	35000	68.1	42	59	27	10.9	* 10.9					
Dairyland	DS-5279Q	CB,LL,RR,RW	* 10.8	* 3460	* 37500	68.2	37	64	32	* 12.1	* 9.5					
Power Plus	6M89Q	CB,LL,RR,RW-wo	* 11.2	* 3490	* 39100	68.3	35	65	32	* 12.5	* 9.8					
Legacy Seeds	LC623-21 5122EZR	CB,LL,RR,RW	* 11.4	3310	* 37900	68.4	40	61	29	* 12.5	* 10.4					
Cornelius	C7590DP	CB,RR	* 10.8	3170	34300	68.4	40	60	27	* 11.9	* 9.8					
AgriGold	A645-16STXRIB	CB,LL,RR,RW	10.2	3240	33100	68.5	40	60	28	10.9	* 9.5					
NK Brand	NK1239-5122	CB,LL,RR,RW	* 11.5	3280	* 37800	68.5	41	60	28	* 11.7	* 11.3	* 12.5	3190	* 40000	* 13.2	* 11.8
<b>110-DAY HYBRID TRIAL AVERAGE##</b>						<b>68.6</b>										
Burrus	7G44 3220	CB,LL,RR	9.3	3290	30700	68.7	38	61	30	10.1	8.6					
Dekalb	DKC64-44RIB	CB,LL,RR,RW	10.1	* 3370	34000	68.8	39	61	30	11.4	8.9	11.2	3260	36500	11.0	11.4
Viking	O.23-11GSP	None	* 10.9	* 3390	* 37000	68.8	39	61	31	* 12.0	* 9.9					
Prairie Hybrids	8290	None	* 10.5	3280	34600	68.9	38	61	29	* 11.9	9.2	* 12.5	3270	* 40800	* 13.0	* 11.9
<b>115-DAY HYBRID TRIAL AVERAGE##</b>						<b>69.0</b>										
Cornelius	C7373SSP	B,LL,RR,RW	10.3	* 3360	34500	69.8	40	59	30	10.2	* 10.4					
Golden Harvest	G12S75-5122 EZ1	CB,LL,RR,RW	* 10.9	3110	33800	69.9	43	59	25	* 11.9	* 9.9	* 12.0	3190	* 38200	11.8	* 12.1
Dairyland	DS-5144Q	CB,LL,RR,RW	10.0	* 3410	34100	70.0	39	62	30	10.8	9.2					
O'Brien Hybrids	OB1114	CB,LL,RR,RW	* 10.5	3280	34400	70.0	41	60	28	11.6	9.4					
FS InVISION	FS 6406X RIB	CB,LL,RR,RW	9.7	3300	32000	70.5	40	60	29	10.8	8.6					
Latham	LH6477VT2PRORIB	CB,RR	9.8	3040	29600	70.5	42	58	25	10.8	8.8	* 12.1	3090	* 37400	* 12.7	* 11.5
Dairyland	HiDF-5202Q	CB,LL,RR,RW	* 10.6	3320	* 35400	70.8	38	61	30	11.6	* 9.7	11.4	* 3370	* 38500	12.1	10.7
Dairyland	DB-5211AMXT	CB,LL,RR,RW-bm	9.5	3260	31100	71.0	39	65	27	10.0	9.0					
Viking	O.82-14GSP	None	10.3	3130	32500	72.3	43	60	25	11.2	* 9.5					
MEAN			10.4	3320	34500	68.8	39	61	29	11.2	9.5	11.6	3290	38100	12.1	11.1
LSD(0.10)**			1.0	150	4000	1.6	2	2	3	0.9	1.9	0.9	130	3800	1.1	0.7

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

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

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

Shaded results provide the best estimate of relative hybrid performance.



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

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

Brand	Hybrid	Traits†	2022										2021				
			Average			Moist	NDF	NDFD	Starch	Yield (T/A)		Average			Yield (T/A)		
			Yield (T/A)	Milk per Ton	Acres					FON	GAL	Yield (T/A)	Milk per Ton	Acres	FON	GAL	
FS InVISION	FS 5125L1A EZR	CB,LL,RR	9.5	3330	31700	65.3	36	58	34	8.8	10.3						
Channel	203-83STXRIB	CB,LL,RR,RW	9.9	* 3430	33900	65.6	35	61	34	9.5	10.3	* 11.3	* 3450	* 38800	11.4	11.1	
FS InVISION	FS 5525VDG RIB	CB,DT,RR	* 11.1	* 3490	* 38700	65.6	36	60	35	* 10.7	* 11.5						
Channel	203-01STXRIB	CB,LL,RR,RW	9.5	* 3540	33800	65.7	35	63	35	8.8	10.3						
Viking	51-04	None	9.9	3410	33700	65.8	36	60	34	8.9	* 10.8	9.5	3230	31000	* 11.7	7.2	
NK Brand	NK0243-5122	CB,LL,RR,RW	9.6	3300	31800	65.8	37	58	32	9.6	9.7	* 11.3	3220	36100	10.7	11.8	
Dairyland	DS-4510Q	CB,LL,RR,RW	10.6	* 3440	36400	65.9	36	61	34	9.9	* 11.3						
Legacy Seeds	LC554-21 DGVT2P	CB,DT,RR	10.7	3380	36100	66.0	37	59	33	10.5	* 10.9						
Legacy Seeds	LC551-22 SSX	CB,LL,RR,RW	10.2	* 3460	35400	66.3	36	60	34	9.4	* 11.0						
Dekalb	DKC51-91RIB	CB,LL,RR,RW	9.7	3400	33000	66.4	36	60	34	9.3	10.2	10.2	* 3400	34800	10.5	9.9	
FS InVISION	FS 5594X RIB	CB,LL,RR,RW	9.7	3290	32000	66.7	37	57	33	9.2	10.2	10.5	3250	34100	10.9	10.0	
<b>105-DAY HYBRID TRIAL AVERAGE##</b>						66.9											
Legend Seeds	LR 9004 DC5122EZR	CB,LL,RR,RW	9.7	3280	31900	67.0	38	58	32	9.6	9.8						
Dairyland	DB-4311AMXT	CB,LL,RR,RW-bmi	8.2	* 3450	28300	67.2	36	64	33	7.8	8.6						
<b>100-DAY HYBRID TRIAL AVERAGE##</b>						67.3											
AgriGold	A633-14STXRIB	CB,LL,RR,RW	10.0	3190	32100	67.4	38	57	31	9.8	10.2	* 11.8	3210	* 38000	* 11.7	11.9	
Dairyland	HiDF-3802Q	CB,LL,RR,RW	* 10.9	3270	35700	67.6	38	61	31	* 10.6	* 11.2	* 11.3	3150	35500	11.1	11.4	
Legacy Seeds	LC555-21 5122EZR	CB,LL,RR,RW	10.4	3390	35200	67.6	36	59	33	9.6	* 11.2	* 11.4	* 3360	* 38200	11.4	11.4	
FS InVISION	FS 5115X RIB	CB,LL,RR,RW	9.9	3320	32700	67.7	37	60	32	9.3	10.4						
Legacy Seeds	LC525-21 PWE	CB,LL,RR	* 11.5	3410	* 39200	67.9	38	57	33	* 11.4	* 11.6						
Jung	55DD520	CB,DT,RR	9.6	3370	32500	68.1	37	59	32	9.4	9.8	10.9	* 3360	* 36600	10.9	10.8	
O'Brien Hybrids	OB1105	None	10.7	3200	34300	69.3	40	56	30	10.0	* 11.4	10.6	* 3320	34900	* 12.6	8.6	
Dairyland	HiDF-4545Q	CB,LL,RR,RW	10.4	3140	32500	69.6	40	59	29	9.7	* 11.0	* 11.7	3190	* 37400	11.4	* 12.0	
O'Brien Hybrids	OB6100	CB,LL,RR	8.9	3040	26900	70.4	42	57	26	8.6	9.1						
<b>MEAN</b>			10.0	3340	33500	67.0	37	59	32	9.6	10.5	11.2	3260	36600	11.4	11.1	
<b>LSD(0.10)**</b>			0.7	110	2700	1.7	2	2	2	0.8	1.1	1.6	190	5600	1.0	1.4	

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

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

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

Shaded results provide the best estimate of relative hybrid performance.

# Table 17. South Central Zone - Late Maturity Silage Trial.

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

Brand	Hybrid	Traits†	2022									2021				
			Average						Yield (T/A)			Average			Yield (T/A)	
			Yield (T/A)	Milk per		Moist %	NDF %	NDFD %	Starch %	FON	GAL	Yield (T/A)	Milk per		FON	GAL
	Ton	Acre									Ton	Acre				
Prairie Hybrids	5883	None	* 11.3	3260	* 36800	66.6	36	59	32	* 11.1	* 11.5					
Dekalb	DKC59-07RIB	CB,LL,RR,RW	10.0	* 3320	* 33200	67.1	37	58	32	9.9	10.1					
Latham	LH5965VT2PRORIB	CB,RR	10.3	3230	* 33300	67.2	38	56	31	* 10.1	10.5	* 12.5	3240	* 40500	11.7	* 13.2
Prairie Hybrids	5281	None	9.2	* 3440	31700	67.6	37	61	33	8.0	10.5					
Renk	RK842VT2P	CB,RR	* 11.7	3220	* 37800	67.6	39	61	29	* 11.1	* 12.3					
Legacy Seeds	LC594-21 VT2P	CB,RR	* 11.1	3250	* 36100	68.0	38	59	31	* 10.3	* 11.9					
Viking	48-08	None	9.7	* 3280	31800	68.1	38	57	32	9.1	10.2	11.5	* 3360	* 38700	11.8	11.1
Prairie Hybrids	5200	None	10.4	3240	* 33800	68.2	37	58	31	9.5	* 11.3	* 12.1	* 3320	* 40100	* 12.6	11.5
Legacy Seeds	LC623-21 5122EZR	CB,LL,RR,RW	* 11.4	3040	* 34800	68.3	41	58	27	* 11.1	* 11.7					
<b>110-DAY HYBRID TRIAL AVERAGE##</b>						68.5										
Prairie Hybrids	7291	None	10.4	3170	* 33000	68.7	39	56	30	8.6	* 12.3					
Channel	212-52SSPRIB	B,LL,RR,RW	9.9	3250	32300	68.8	39	59	30	9.0	10.9					
Legend Seeds	LR9308 DC5122EZRI	CB,LL,RR,RW	* 10.7	3190	* 34200	68.9	39	58	29	* 10.7	10.7					
Dairyland	HiDF-4999Q	CB,LL,RR,RW	* 11.0	3260	* 36100	69.2	37	62	31	* 10.1	* 11.9	* 12.1	* 3250	* 39200	* 12.1	* 12.0
Renk	RK895DGVT2P	CB,DT,RR	* 10.8	* 3310	* 35800	69.4	38	59	32	* 10.6	11.0					
Channel	209-15STXRIB	CB,LL,RR,RW	* 10.7	* 3410	* 36400	69.6	38	61	32	* 10.8	10.5	11.4	* 3400	* 38800	* 12.2	10.5
Renk	RK940SSTX	CB,LL,RR,RW	10.4	3090	32400	70.0	39	59	28	* 10.4	10.4					
Channel	210-99STXRIB	CB,LL,RR,RW	9.8	3120	30800	70.9	40	56	29	9.7	10.0	10.7	* 3310	35500	11.0	10.3
Dairyland	HiDF-5000Q	CB,LL,RR,RW	10.1	3190	32100	71.0	39	59	29	9.4	10.7					
<b>MEAN</b>			<b>10.5</b>	<b>3240</b>	<b>34000</b>	<b>68.6</b>	<b>38</b>	<b>59</b>	<b>31</b>	<b>10.0</b>	<b>11.0</b>	<b>11.7</b>	<b>3230</b>	<b>37800</b>	<b>11.9</b>	<b>11.6</b>
<b>LSD(0.10)**</b>			<b>1.3</b>	<b>160</b>	<b>4800</b>	<b>2.0</b>	<b>2</b>	<b>2</b>	<b>3</b>	<b>1.0</b>	<b>1.1</b>	<b>0.9</b>	<b>150</b>	<b>4000</b>	<b>1.0</b>	<b>1.3</b>

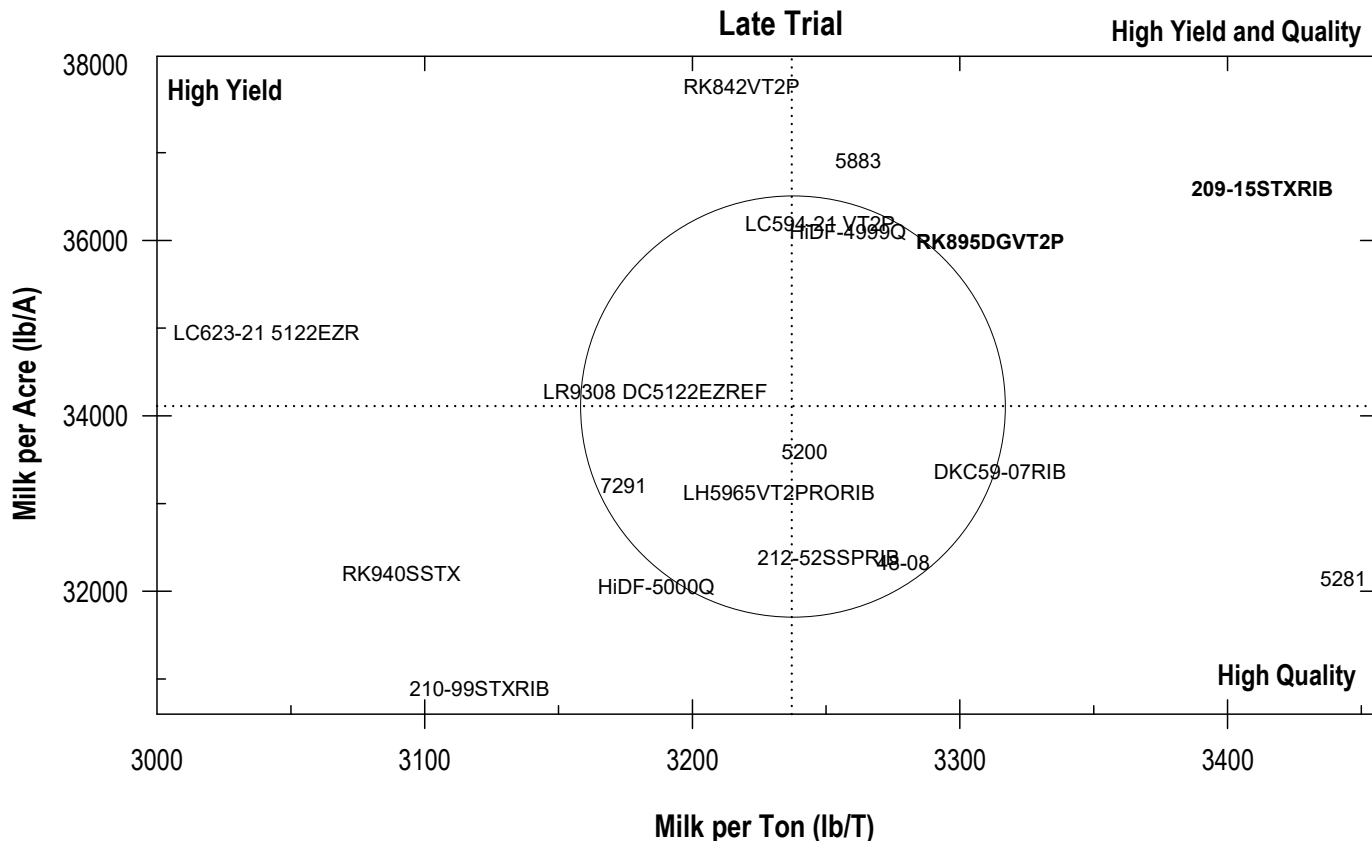
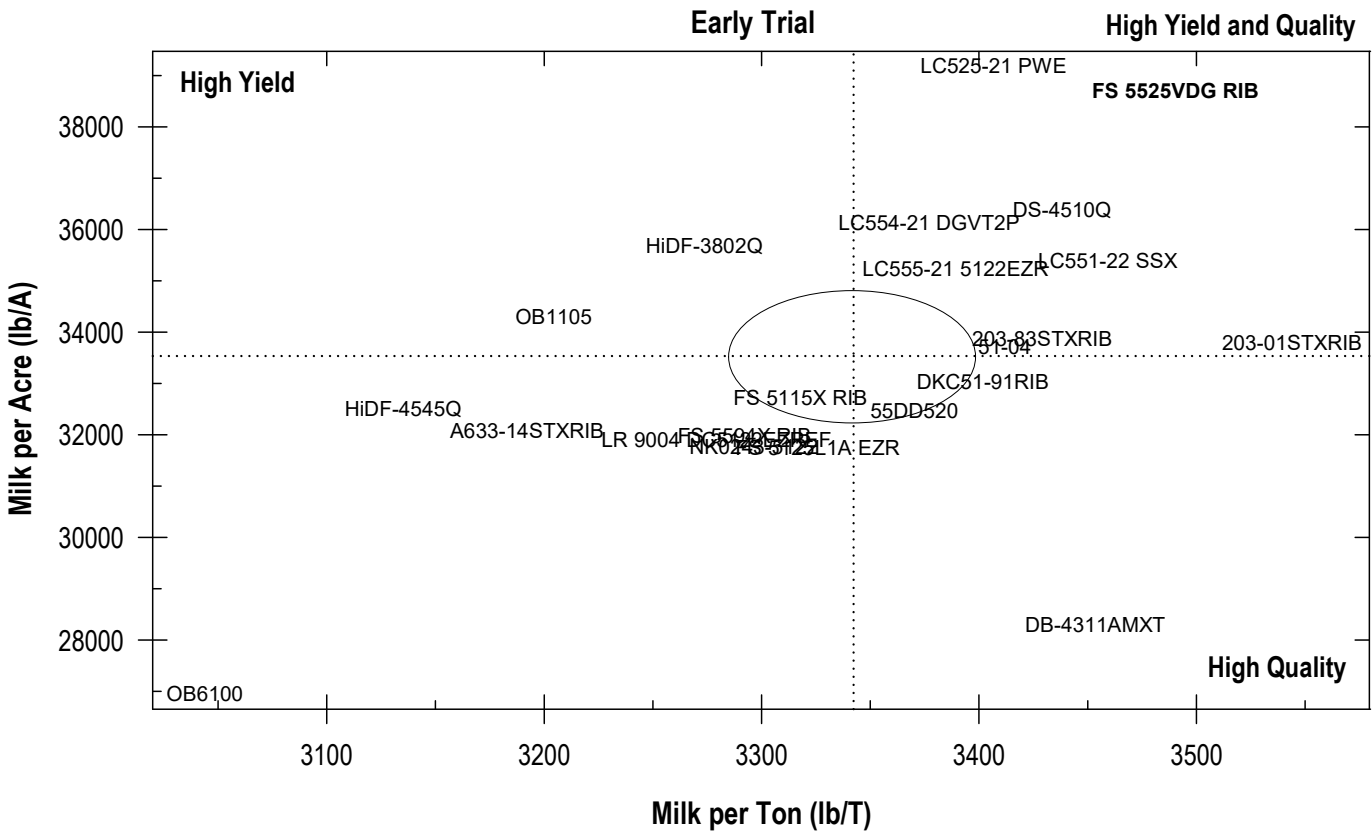
† Traits: CB=Corn Borer, DT=Drought Tolerant, LL=Liberty Link, RR=Roundup Ready, RW=Corn Rootworm, Ify=Leafy, ND=Nutri-Dense, wo=Water Optimize.

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

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

Shaded results provide the best estimate of relative hybrid performance.

**Figure 3. Relationship between Milk per Acre and Milk per Ton of corn hybrids in South Central Wisconsin during 2022 A bolded hybrid performed statistically similar to the highest hybrid for Yield, Milk per Ton and Milk per Acre.**



# Table 18. North Central Zone - Early Maturity Silage Trial.

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

Brand	Hybrid	Traits†	2022										2021								
			Average				Yield (T/A)						Average			Yield (T/A)					
			Yield (T/A)	Milk per		Moist %	NDF %	NDFD %	Starch %	CHP	MAR	VAL	Yield (T/A)	Milk per		CHP	MAR	VAL			
Legend Seeds	LR 9396 3120EZREF	CB,LL,RR	9.9	3240	32200	62.0	37	62	32	10.7	9.2	9.8									
Legacy Seeds	LC464-21 3120	CB,LL,RR	9.2	3200	29500	62.0	38	61	31	9.3	9.1	9.2									
Renk	RK433VT2P	CB,RR	8.8	3310	29000	63.0	37	60	33	8.9	8.3	9.1									
Golden Harvest	G95D32-3220	CB,LL,RR	9.0	3220	28900	63.9	38	58	31	9.3	8.8	8.7	10.5	3160	33300	10.2	* 11.2	* 10.2			
NK Brand	NK9347-5122	CB,LL,RR,RW	7.6	3280	25100	64.5	38	61	31	6.6	7.6	8.6									
Renk	RK429-3220A	CB,LL,RR-wo	8.8	* 3360	29500	64.6	35	59	34	8.7	8.4	9.1									
Legacy Seeds	LC474-20 TREC	CB,RR	9.9	3290	32600	64.7	38	60	31	9.5	* 9.9	* 10.3									
FS InVISION	FS 4715V RIB	CB,RR	9.1	* 3360	30400	64.8	36	61	33	8.3	9.2	9.7	10.3	* 3300	33900	* 10.8	10.3	9.7			
Channel	197-21VT2PRIB	CB,RR	9.8	* 3470	* 33900	64.8	35	63	34	* 10.5	8.7	* 10.1									
<b>95-DAY HYBRID TRIAL AVERAGE##</b>						<b>65.0</b>															
FS InVISION	FS 4927T RIB	CB,RR	9.8	3250	32000	65.1	38	59	31	9.6	8.9	* 11.0									
Legacy Seeds	LC451-21 SSSX	CB,LL,RR,RW	8.9	3210	28800	65.4	37	61	30	8.6	8.4	9.9									
NK Brand	NK9874-3220	CB,LL,RR	9.3	* 3390	31600	65.7	34	63	33	9.8	8.9	9.3									
Channel	193-91STXRIB	CB,LL,RR,RW	8.8	* 3460	30600	65.8	36	64	33	9.1	8.4	8.9	9.5	* 3280	31200	9.5	9.8	9.1			
Legacy Seeds	LC-4248 VT2P(RIB)	CB,RR	9.9	3340	* 33100	65.8	36	63	32	9.0	* 10.9	9.8	* 11.4	3160	* 36000	* 11.4	* 11.5	* 11.2			
Dairyland	DS-3900AM	CB,LL,RR	* 10.0	* 3410	* 34200	66.1	36	63	33	* 10.3	9.4	* 10.4									
Jung	48SS420	CB,LL,RR,RW	8.9	3260	29100	66.1	38	62	30	9.2	8.0	9.5	9.2	* 3240	29700	9.8	8.5	9.2			
Dekalb	DKC42-64RIB	CB,LL,RR,RW	6.6	3310	22100	66.2	38	61	30	6.9	5.6	7.5									
Renk	RK600VT2P	CB,RR	9.7	3230	31500	66.2	37	62	31	9.3	9.7	* 10.2	* 11.5	3190	* 36600	* 10.9	* 12.0	* 11.5			
NK Brand	NK0007-3120	CB,LL,RR	8.9	* 3350	30000	66.2	36	62	32	9.2	8.0	9.6									
NK Brand	NK9922-5222	CB,LL,RR,RW	9.4	* 3420	32200	66.3	36	65	32	8.6	9.5	* 10.0									
Legacy Seeds	LC493-21 5122EZR	CB,LL,RR,RW	9.1	* 3350	30500	66.4	35	62	32	8.9	8.7	9.7									
Dairyland	HiDF-3522Q	CB,LL,RR,RW	9.2	* 3350	30900	66.4	37	63	32	9.5	8.5	9.5	10.5	* 3360	* 35400	* 10.6	10.2	* 10.7			
<b>100-DAY HYBRID TRIAL AVERAGE##</b>						<b>66.5</b>															
FS InVISION	FS 5098V RIB	CB,RR	* 10.2	3330	* 34100	66.7	37	61	32	* 10.3	* 9.9	* 10.5	* 11.5	* 3240	* 37400	* 10.8	* 12.0	* 11.7			
Dairyland	HiDF-4073Q	CB,LL,RR,RW	* 10.6	3340	* 35600	66.8	36	65	31	* 11.1	* 9.9	* 10.9	* 11.1	* 3330	* 36700	* 10.6	* 11.5	* 11.1			
Dairyland	HiDF-3855Q	CB,LL,RR,RW	* 10.2	3260	* 33300	66.8	37	62	30	* 10.9	9.6	* 10.1									
Legend Seeds	LR 9300 3120AEZREI	CB,LL,RR	8.8	3220	28500	66.9	37	62	30	9.3	8.3	8.9									
Channel	195-51STXRIB	CB,LL,RR,RW	8.6	3310	28800	67.5	37	63	31	8.7	7.9	9.3									
Channel	200-88STXRIB	CB,LL,RR,RW	8.9	3210	28700	68.2	38	60	29	9.1	8.6	9.1	10.3	3150	32500	10.2	10.4	* 10.4			
Latham	LH4937VT2PRORIB	CB,RR	9.7	3270	31900	68.5	38	63	30	9.0	9.4	* 10.7	* 11.1	* 3260	* 36300	* 11.2	* 11.1	* 11.1			
Renk	RK579DGVT2P	CB,DT,RR	9.5	3300	31400	68.5	36	61	31	8.5	9.6	* 10.4	* 11.3	3230	* 36500	* 11.6	* 11.8	* 10.6			
MEAN			9.2	3310	30700	65.7	37	62	32	9.2	8.8	9.7	10.3	3230	33400	10.2	10.5	10.3			
LSD(0.10)**			0.7	120	2800	2.7	2	2	2	1.3	1.1	1.0	0.6	120	2500	1.4	1.2	1.5			

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

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

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

Shaded results provide the best estimate of relative hybrid performance.

# Table 19. North Central Zone - Late Maturity Silage Trial.

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

Brand	Hybrid	Traits†	2022										2021					
			Average							Yield (T/A)			Average			Yield (T/A)		
			Yield (T/A)	Milk per		Moist %	NDF %	NDFD %	Starch %	CHP	MAR	VAL	Yield (T/A)	Milk per		CHP	MAR	VAL
Latham	LH5245VT2PRORIB	CB,RR	* 10.2	3330	* 33900	66.2	37	62	32	10.3	* 9.5	* 10.6	* 10.9	3190	* 34900	11.2	10.6	* 10.9
Renk	RK642VT2P	CB,RR	9.4	3360	31900	66.8	36	62	32	9.6	* 8.8	9.9	* 11.1	3250	* 36000	* 11.3	10.7	* 11.2
Dairyland	DB-4311AMXT	CB,LL,RR,RW-bmr	7.9	3350	26700	67.2	37	67	30	7.8	7.1	8.9						
Channel	203-01STXRIB	CB,LL,RR,RW	8.6	* 3490	30100	67.3	35	68	33	9.4	7.4	8.9						
Latham	LH5742RR	RR	8.7	3350	29100	67.6	37	63	31	7.7	* 8.5	9.8	* 11.0	3250	* 35900	11.1	* 11.1	* 10.8
AgriGold	A631-90	None	9.1	3360	30800	67.7	37	63	31	9.0	7.6	* 10.8	10.1	3220	32700	10.7	9.2	* 10.5
Viking	O.69-01GSP	None	9.1	* 3410	31100	67.7	38	64	30	9.1	8.0	10.2						
Channel	203-83STXRIB	CB,LL,RR,RW	8.5	* 3440	29400	67.8	37	63	32	7.7	* 8.8	9.2	* 10.9	* 3460	* 37700	11.2	* 11.5	10.1
Jung	51SS500	CB,LL,RR,RW	9.0	3260	29400	67.9	38	61	29	8.9	8.2	9.8	10.1	* 3350	33800	10.0	9.9	10.4
AgriGold	A633-14STXRIB	CB,LL,RR,RW	9.2	3180	29500	67.9	37	62	29	9.8	8.1	9.7	10.5	3110	32600	10.5	10.5	10.4
Jung	54SP533	B,LL,RR,RW	8.6	* 3370	28800	68.0	38	65	30	7.8	8.4	9.4						
Channel	206-16SSPRIB	B,LL,RR,RW	9.2	3270	30000	68.1	38	61	29	9.0	8.2	10.3						
105-DAY HYBRID TRIAL AVERAGE##						68.3												
100-DAY HYBRID TRIAL AVERAGE##						68.4												
Renk	RK710DGVT2P	CB,DT,RR	9.9	3220	32000	68.4	40	60	28	* 11.0	* 9.3	9.3	* 10.8	3200	34600	9.9	11.0	* 11.4
Dairyland	DS-4510Q	CB,LL,RR,RW	9.7	3300	32100	68.5	38	65	29	10.0	* 8.9	10.1						
Prairie Hybrids	4211	None	8.8	* 3370	29800	68.7	37	65	31	9.2	8.2	9.2						
Legacy Seeds	LC511-21 SSX	CB,LL,RR,RW	9.2	3250	30100	68.7	38	62	29	9.0	* 8.9	9.8						
Dekalb	DKC53-94RIB	CB,LL,RR,RW	9.1	3220	29600	68.8	38	63	29	9.1	8.0	10.3						
Channel	207-87VT2PRIB	CB,RR	9.4	3300	31100	68.8	38	62	30	9.9	8.3	9.9	* 11.5	3290	* 38000	10.8	* 12.3	* 11.5
Jung	54SS522	CB,LL,RR,RW	8.8	3210	28500	68.9	38	63	28	8.6	8.0	10.0	9.9	3070	30500	9.2	10.1	10.2
Channel	206-99STXRIB	CB,LL,RR,RW	8.4	3220	27200	68.9	38	62	28	8.5	* 8.6	8.1						
Renk	RK700SSTX	CB,LL,RR,RW	8.9	3220	28700	69.0	39	62	28	8.3	* 9.0	9.5	* 11.2	3220	* 36100	10.8	* 11.4	* 11.3
Channel	207-27STXRIB	CB,LL,RR,RW	9.0	* 3400	30600	69.0	37	64	32	9.4	* 8.6	9.0	10.2	3300	33700	10.5	10.0	10.1
Prairie Hybrids	5200	None	* 10.8	3360	* 36600	69.0	37	63	30	* 11.9	* 9.0	* 11.6	* 11.5	3190	* 36600	* 12.4	10.9	* 11.2
Frontiersmen	108-M9PCE	CB,LL,RR	9.2	* 3450	31800	69.1	37	63	32	9.4	* 8.5	9.7						
110-DAY HYBRID TRIAL AVERAGE##						69.2												
Prairie Hybrids	5281	None	7.8	3240	25200	69.6	39	63	28	8.2	6.9	8.2						
Legacy Seeds	LC525-21 PWE	CB,LL,RR	9.5	3290	31500	69.6	40	61	29	9.5	* 8.9	10.2						
Dairyland	HiDF-4545Q	CB,LL,RR,RW	9.9	3220	32100	70.7	39	65	27	* 11.0	* 8.7	10.0	* 11.0	3230	* 35400	* 11.4	* 11.7	9.9
Dairyland	HiDF-3802Q	CB,LL,RR,RW	9.6	3180	30600	70.8	39	64	27	9.4	* 8.9	10.5	* 10.9	* 3430	* 37500	* 11.5	* 11.8	9.6
MEAN			9.1	3310	30300	68.5	38	63	30	9.2	8.4	9.7	10.6	3240	34400	10.7	10.6	10.5
LSD(0.10)**			0.8	120	3100	2.0	2	2	2	1.5	1.1	1.0	0.8	130	3100	1.1	1.2	1.3

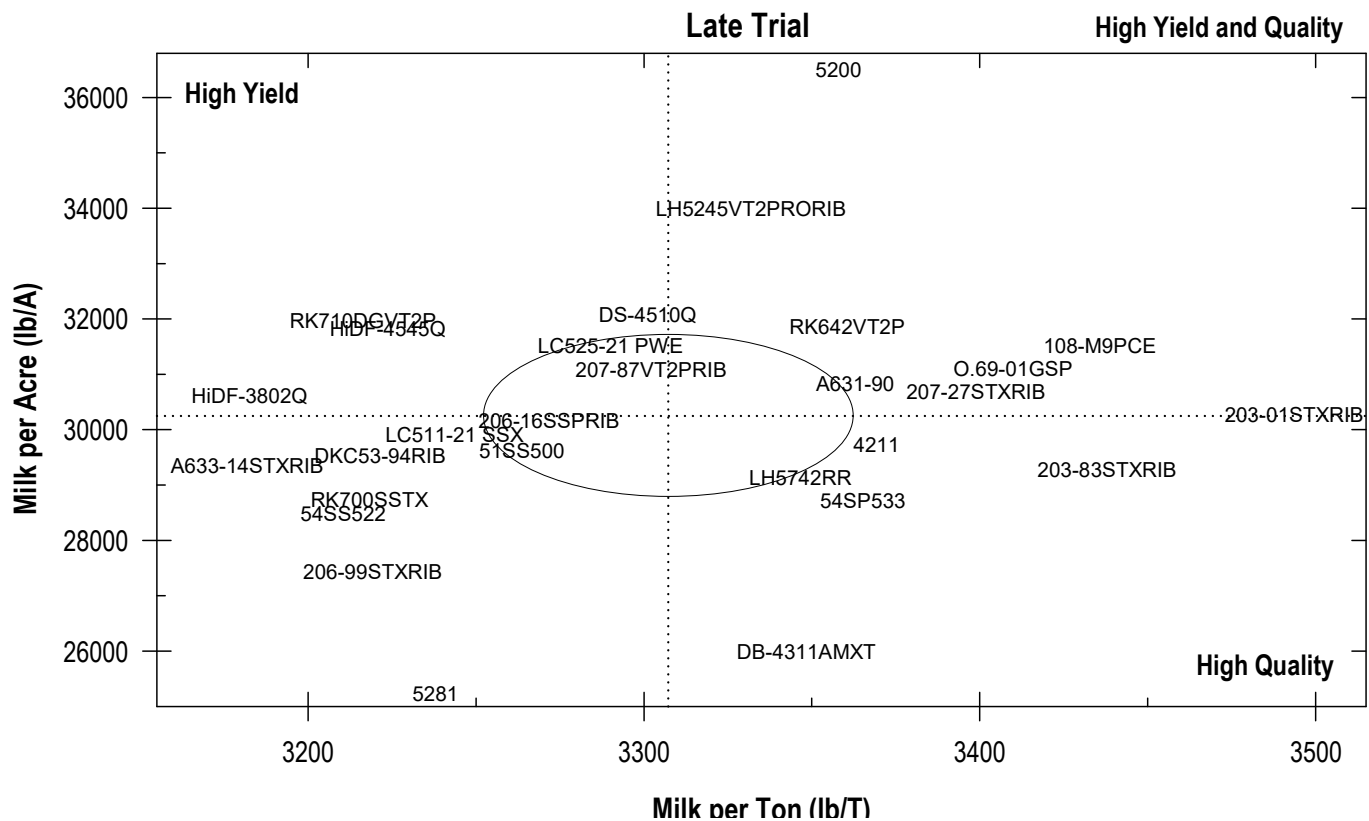
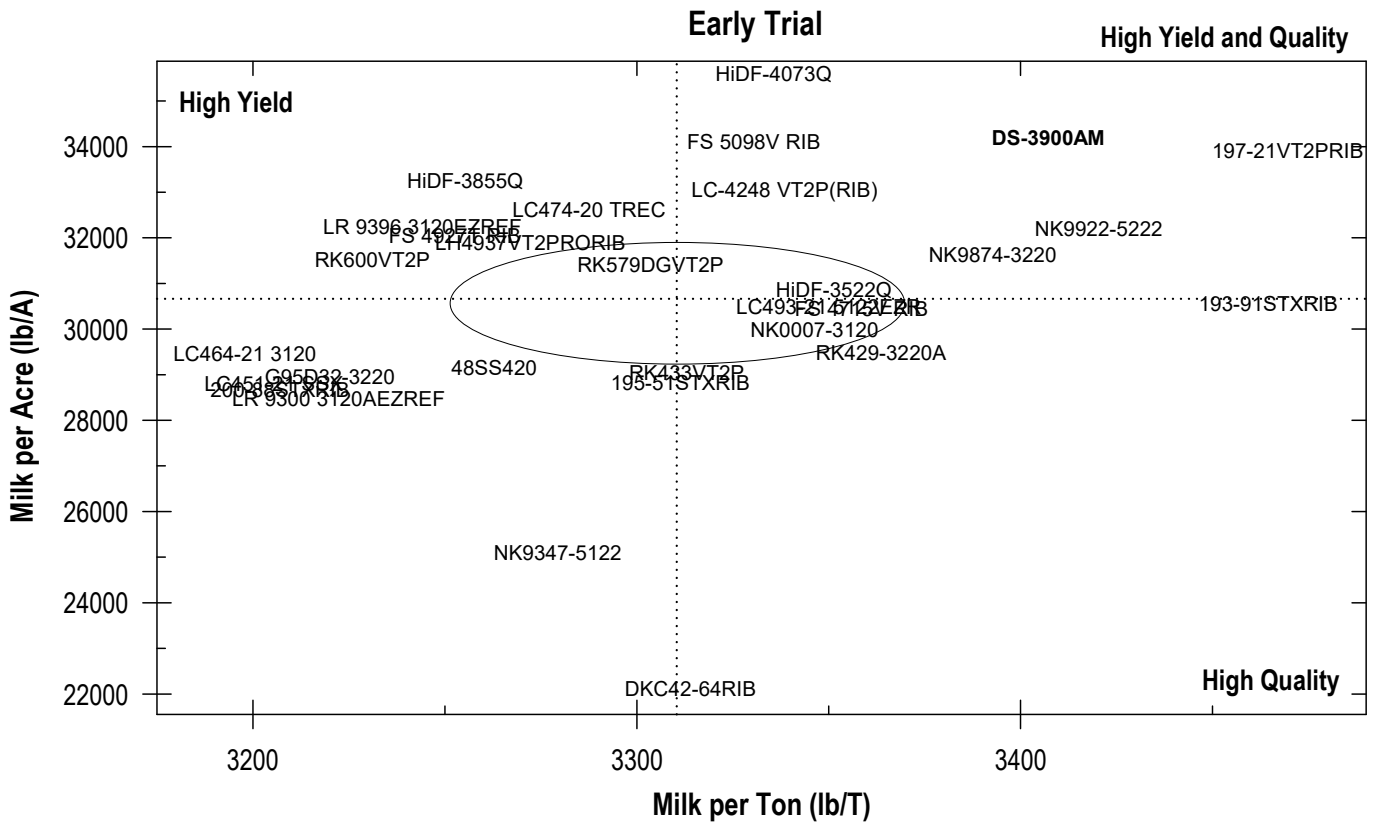
† Traits: CB=Corn Borer, DT=Drought Tolerant, LL=Liberty Link, RR=Roundup Ready, RW=Corn Rootworm, Ify=Leafy, ND=Nutri-Dense, wo=Water Optimize.

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

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

Shaded results provide the best estimate of relative hybrid performance.

**Figure 4. Relationship between Milk per Acre and Milk per Ton of corn hybrids in North Central Wisconsin during 2022. A bolded hybrid performed statistically similar to the highest hybrid for Yield, Milk per Ton and Milk per Acre.**





# Table 20. Northern Zone Silage Trial.

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

Brand	Hybrid	Traits†	2022											2021							
			Average				Yield (T/A)				Average			Yield (T/A)							
			Yield (T/A)	Milk per Ton	Milk per Acre	Moist %	NDF %	NDFD %	Starch %	COL	MAR	SPI	SPS	Yield (T/A)	Milk per Ton	Milk per Acre	COL	MAR	SPI	SPS	
NK Brand	NK8760-3220	CB,LL,RR	7.3	* 3420	25000	61.6	35	65	34	6.9	7.3	8.2	6.9								
Jung	40DP401	CB,RR	8.7	* 3310	28900	62.5	36	64	33	7.8	9.0	10.3	7.8	9.5	* 3230	30700	9.7	10.5	* 8.9	8.9	
Legacy Seeds	LC391-20 VT2P	CB,RR	8.7	* 3310	28800	63.0	35	65	32	* 8.0	8.7	10.2	8.0	* 9.6	3190	* 30800	9.2	10.7	* 9.1	* 9.5	
Federal Hybrids	4225 RR	RR	9.1	* 3360	* 30700	63.5	37	66	32	* 8.8	* 9.4	9.8	* 8.4								
NK Brand	NK9231-3120	CB,LL,RR	* 9.3	3270	* 30400	64.0	36	64	31	* 8.6	* 10.1	10.2	8.2								
Viking	42-92	None	8.8	3300	* 29100	64.1	37	65	31	* 8.5	8.4	9.8	* 8.7	9.3	* 3210	29800	* 10.3	10.4	* 8.7	7.6	
<b>90-DAY HYBRID TRIAL AVERAGE##</b>			<b>64.3</b>																		
DenBesten	DB31-90	None	7.1	3240	23100	64.3	37	63	30	7.1	6.7	7.7	6.8								
Dairyland	DS-3162Q	CB,LL,RR,RW	9.0	3220	* 29100	64.4	36	64	30	* 8.4	9.0	10.3	* 8.3	* 9.6	* 3270	* 31200	* 10.7	11.0	* 8.6	8.0	
Dairyland	HiDF-3044Q	CB,LL,RR,RW	8.7	* 3360	* 29100	64.6	35	66	32	7.8	* 9.3	9.1	* 8.4	9.3	* 3250	30300	9.5	10.7	* 8.7	8.5	
Legacy Seeds	LC403-22 3120	CB,LL,RR	* 9.4	3300	* 31200	64.6	36	65	31	* 8.8	* 10.4	* 10.7	7.9								
Renk	RK433VT2P	CB,RR	8.6	3270	28200	64.7	37	64	31	* 8.2	8.3	9.9	8.2	9.2	* 3200	29400	* 10.0	9.7	* 8.6	8.4	
Federal Hybrids	4160 VT2P	CB,RR	8.7	* 3320	28800	64.7	36	66	31	* 8.5	8.1	10.4	7.9								
NK Brand	NK9347-5122	CB,LL,RR,RW	8.5	3240	27600	64.9	36	66	30	7.7	8.9	9.4	8.0								
Dairyland	HiDF-3522Q	CB,LL,RR,RW	9.0	* 3320	* 30000	66.6	36	67	31	* 8.1	9.1	* 10.6	* 8.3	9.4	* 3260	30700	9.5	10.8	* 9.0	8.3	
Project Seeds	PS19-93 3111	CB,LL,RR,RW	* 9.3	3240	* 30200	66.8	37	64	29	* 8.0	9.1	* 10.9	* 9.3								
Jung	44SS413	CB,LL,RR,RW	8.4	3190	26600	66.8	36	67	29	7.7	8.4	9.5	7.8								
Renk	RK429-3220A	CB,LL,RR-wo	8.9	3240	28800	66.9	36	64	30	* 8.7	8.8	9.5	* 8.6								
Dairyland	HiDF-3855Q	CB,LL,RR,RW	* 9.8	3070	* 30000	66.9	38	66	26	* 8.7	* 9.6	* 11.6	* 9.2								
<b>95-DAY HYBRID TRIAL AVERAGE##</b>			<b>67.3</b>																		
Jung	46SS428	CB,LL,RR,RW	9.0	3210	28900	67.4	36	67	29	7.9	8.9	10.1	* 9.0	* 9.6	* 3210	* 30800	* 10.0	11.0	* 9.1	8.4	
Jung	45SS423	CB,LL,RR,RW	9.2	3140	28800	67.4	38	65	28	7.5	9.1	* 11.5	* 8.6								
Viking	O.62-93UP	None	* 9.3	3200	* 30000	67.5	36	65	29	* 8.6	* 10.1	* 10.5	8.1								
Dairyland	HiDF-4073Q	CB,LL,RR,RW	* 9.5	3190	* 30300	67.5	36	68	29	7.9	* 9.8	* 11.2	* 8.9	* 10.2	* 3250	* 33200	* 11.0	* 11.9	* 8.7	* 9.2	
Dairyland	DS-3601Q	CB,LL,RR,RW	9.0	3210	* 29000	68.4	37	67	29	* 8.3	8.7	* 10.5	* 8.6								
Jung	46SS433	CB,LL,RR,RW	8.7	3100	26900	69.4	39	68	25	7.9	9.0	9.6	* 8.3								
<b>MEAN</b>			<b>8.8</b>	<b>3250</b>	<b>28700</b>	<b>65.5</b>	<b>36</b>	<b>65</b>	<b>30</b>	<b>8.1</b>	<b>8.9</b>	<b>10.1</b>	<b>8.3</b>	<b>9.2</b>	<b>3220</b>	<b>29700</b>	<b>9.6</b>	<b>10.3</b>	<b>8.5</b>	<b>8.4</b>	
<b>LSD(0.10)**</b>			<b>0.5</b>	<b>110</b>	<b>2200</b>	<b>1.5</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>0.8</b>	<b>1.2</b>	<b>1.2</b>	<b>1.0</b>	<b>0.6</b>	<b>110</b>	<b>2400</b>	<b>1.1</b>	<b>0.9</b>	<b>1.0</b>	<b>0.9</b>	

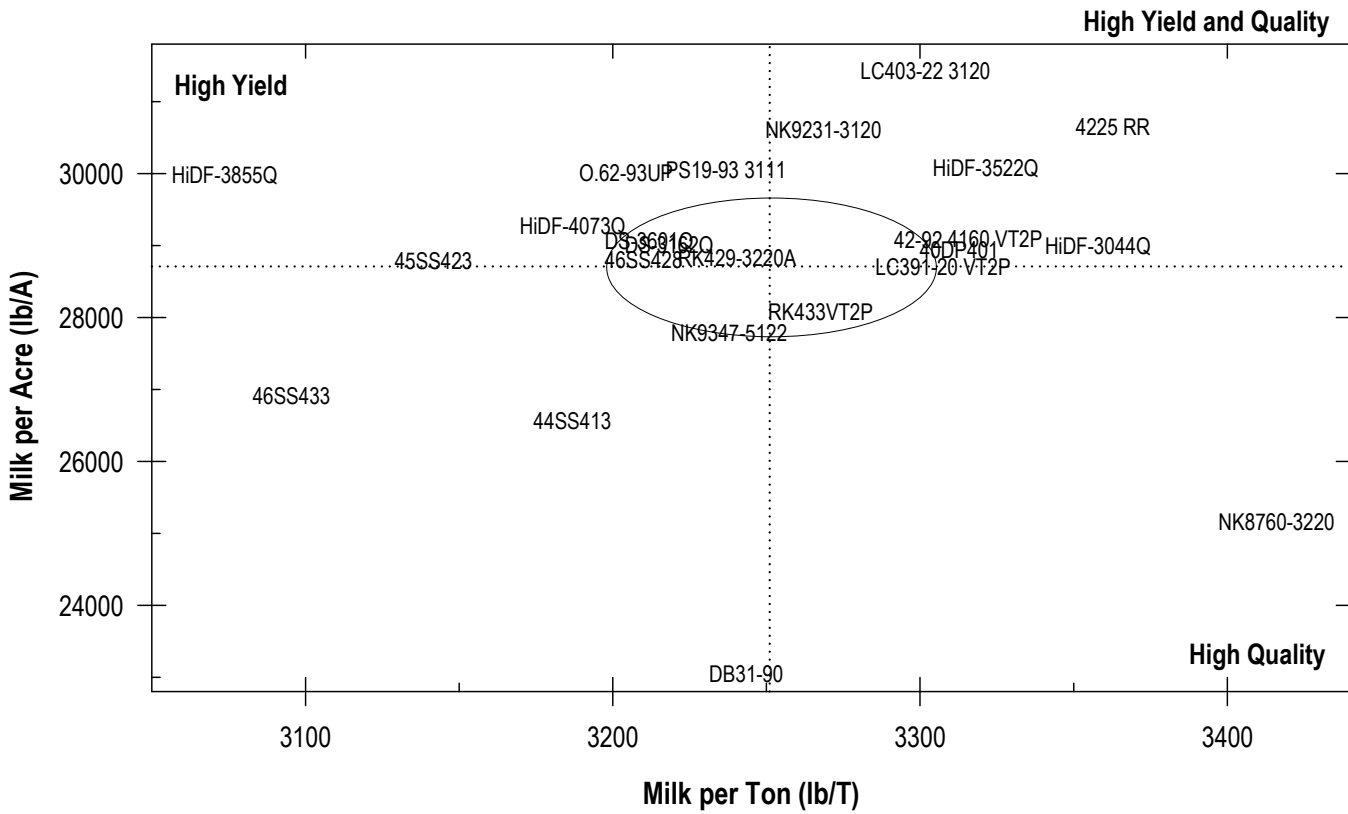
† Traits: CB=Corn Borer, DT=Drought Tolerant, LL=Liberty Link, RR=Roundup Ready, RW=Corn Rootworm, lfy=Leafy, ND=Nutri-Dense, wo=Water Optimize.

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

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

Shaded results provide the best estimate of relative hybrid performance.

**Figure 5. Relationship between Milk per Acre and Milk per Ton of corn hybrids in Northern Wisconsin during 2022. A bolded hybrid performed statistically similar to the highest hybrid for Yield, Milk per Ton and Milk per Acre.**



### Table 21. South Central Zone - Organic Grain Trial.

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

Brand	Hybrid	Traits†	2022						2021						
			Average			Yield (bu/A)			Average			Yield (bu/A)			
			Yield (bu/A)	P.I. #	Moist %	Test Wt.	Lodge %	FON	GAL	HAN	Yield (bu/A)	P.I. #	FON	GAL	HAN
Organic	UW Check H	None	223	101	20.7	53	1	228	242	198	181	93	209	163	178
DenBesten	DB41-01-OR	None	195	95	20.8	54	0	203	214	173	191	93	237	162	177
Foundation Organic	8681UT	None	219	100	20.8	53	1	221	229	*208					
Viking	O.46-02P	None	*235	*103	21.3	54	0	231	*273	198	220	100	*259	194	206
<b>100-DAY HYBRID TRIAL AVERAGE##</b>					<b>21.8</b>										
DenBesten	DB41-98-OR	None	220	100	21.9	56	1	245	219	195	230	*102	*256	228	207
Foundation Organic	8650UT	None	220	100	22.0	53	0	221	248	187					
Foundation Organic	ORG8536	None	*254	*107	22.0	53	1	*262	*287	*209					
Viking	O.18-06UP	None	*236	*103	22.8	56	0	*247	265	193	233	*102	*250	226	219
DenBesten	DB33-05	None	210	96	24.8	52	0	240	232	158					
<b>105-DAY HYBRID TRIAL AVERAGE##</b>					<b>25.4</b>										
DenBesten	DB40-05-OR	None	199	94	25.6	50	0	235	184	196	235	101	*257	247	203
Foundation Organic	8703UT	None	*255	*106	25.9	50	0	*255	*286	*223					
DenBesten	DB42-07-OR	None	223	99	26.0	52	0	226	249	199					
Prairie Hybrids	5141	None	225	99	26.1	51	1	243	240	191	*246	*103	*269	254	211
Prairie Hybrids	4211-Organic	None	219	98	26.8	51	0	209	247	195					
<b>MEAN</b>			224	100	23.4	53	0	233	244	194	223	100	245	219	204
<b>LSD(0.10)**</b>			23	5	1.8	1	1	16	21	22	22	5	22	27	15

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

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

Shaded results provide the best estimate of relative hybrid performance.

## Table 22. North Central Zone - Organic Grain Trial.

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

Brand	Hybrid	Traitst	2022										2021					
			Average						Yield (bu/A)				Average		Yield (bu/A)			
			Yield (bu/A)	P.I. #	Moist %	Test Wt.	Lodge %	CHP	MAR	SEY	VAL	Yield (bu/A)	P.I. #	CHP	MAR	SEY	VAL	
Foundation Organic	OR8833	None	209	* 100	22.8	55	1	168	196	240	* 230							
Viking	O.84-95UP	None	202	99	22.8	53	0	193	181	210	* 224	215	* 101	193	* 234	235	159	
Organic	UW Check G	None	199	98	23.1	53	0	* 219	171	190	* 217	217	* 99	206	* 250	240	* 241	
Viking	O.52-89UP	None	189	95	23.3	52	4	113	194	219	* 229	211	* 100	187	* 227	231	174	
95-DAY HYBRID TRIAL AVERAGE##			23.6															
Foundation Organic	ORG8799	None	206	99	23.6	52	0	182	182	228	* 232							
Viking	O.62-93UP	None	* 226	* 104	23.9	52	0	* 252	199	227	* 230							
Viking	O.52-96P	None	209	* 100	24.0	53	0	* 229	173	207	* 216							
DenBesten	DB41-91-OR	None	188	94	24.3	54	3	202	168	187	192							
Viking	O.45-97UP	None	216	* 101	24.4	52	0	* 209	191	237	* 237	* 231	* 104	214	* 252	240	184	
Viking	O.85-00P	None	215	* 100	25.6	51	0	206	189	236	* 217	* 222	* 102	207	* 240	223	* 213	
100-DAY HYBRID TRIAL AVERAGE##			26.6															
Prairie Hybrids	2741	None	* 230	* 104	26.8	50	0	* 224	* 210	* 243	* 243							
DenBesten	DB32-02	None	* 238	* 105	27.9	51	0	* 252	* 217	* 260	* 233							
Prairie Hybrids	1231	None	* 222	* 101	29.0	52	0	* 212	198	* 254	* 223	* 249	* 106	* 248	* 239	* 266	* 222	
MEAN			211	100	24.7	52	1	205	190	226	225	216	100	203	224	230	203	
LSD(0.10)**			18	5	1.8	1.1	2.6	44	9	18	27	29	7	28	28	23	35	

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

Shaded results provide the best estimate of relative hybrid performance.

**Table 23. Comparisons over time of all hybrids tested between 2022 and 2020. 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	Brand Hybrid	Year(s) tested	Brand Hybrid	Year(s) tested	Brand Hybrid	Year(s) tested
<b>Ag Armour</b>		22K32	20	*C6042DP	20*	*DS-4510Q	22*,21*
AA10524-5122EZ	21	*26B78	20,19*	*C6209DP	20*	*DS-4580Q	20*
AA9100	21	*38G54	20,19,18*	C6219SS	20	*DS-4878AM	22*,21*,20*
AA9303-3220EZ	21	*42C87	20*	*C6400DGD	22*,21	*DS-4917AM	21*
AA9608-3220	21	*48G35	20,19*,18*	*C6401SS	22*,21,20*,19*	*DS-5018AM	20*,19*,18*
		*51T59	20,19,18*	C6438DP	21	*DS-5144Q	22*,21*
		54C27	20	*C6525SSP	22*	DS-5161Q	22
<b>AgriGold</b>		*57A30	20*,19*,18*	C6528-3220	20	*DS-5279Q	22*,21*,20*
A619-06RR	22	*62G22	20*,19*,18*	*C6552PC	22*,21	*HiDF-3044Q	22*,21*,20*
A619-75-3120EZ	20			C6708DP	21	*HiDF-3099RA	20*,19*,18*
A620-82VT2RIB	22,21			C6720DP	20	*HiDF-3197RA	21*,20*,19*,18*
*A622-65	22,21*,20*	<b>Brevant</b>		*C6724SS	22*	*HiDF-3211RA	20*,19,18
A626-08STX	20	*B06U78SXE	21*	C6762SSP	22	*HiDF-3407RA	20*,19*,18*
A626-20-5122EZ	21	B97B73SX	21	C6812DP	21	*HiDF-3522Q	22*,21*
*A627-83VT2RIB	21,20,19*	<b>Brunner</b>		*C6847TRE	22*	*HiDF-3802Q	22*,21*,20*
*A628-16VT2RIB	22,21*,20*	2820GT-3110A	20	C6855-5122	21	*HiDF-3808RA	20,19,18*
*A628-34VT2PRO	22*	2897GT-3120EZ	21,20,19,18	*C6936SS	22*,21*	*HiDF-3855Q	22*
A629-93	20	*3911GT-3110A	22,21*	*C7004DP	21,20*	*HiDF-4073Q	22*,21*
*A630-04	21*	3960-5222EZ	20	*C7021DP	22*	*HiDF-4545Q	22,21*,20*
*A630-04VT2PRO	22*	*3990	22*,21	C7124SS	22	*HiDF-4999Q	22*,21*,20*
*A630-10STXRIB	21*,20*	*4044	20*,19*,18	*C7125DP	21*,20*,19*	*HiDF-5000Q	22*
A630-31VT2RIBD1	20	4101-5222EZ	21,20	*C7228VT2P	21*	*HiDF-5202Q	22*,21*,20*
*A631-90	22*,21	*EXP104	22*,21*	*C7366DGD	21,20*,19*		
*A632-35-5222EZ	20*	EXP88	22,21	*C7373SSP	22*	<b>Dekalb</b>	
*A633-14STXRIB	22,21*,20*	EXP93	21	*C7590DP	22*	DKC101-35RIB	22
*A634-93	20*,19*					*DKC105-35RIB	22*
*A635-54VT2RIB	22*,21*,20*,19*,18*	<b>Burrus</b>		<b>Croplan Genetics</b>		DKC107-33RIB	22
*A636-11STXRIB	22,21*,20*,19*	7G44 3220	22	3899VT2PRIB	21,20,18	DKC111-35RIB	22
*A636-16	21*,20*	*7N88SS	22*			DKC31-85VT2PRIB	21,20
*A636-16VT2RIB	22*			<b>Dairyland</b>		DKC32-35RIB	22
*A637-56VT2PRO	20*	<b>Channel</b>		*DB-4311AMXT	22*	*DKC33-37VT2PRIB	21*,20
*A638-58STX	21*	*192-98STXRIB	20*,19*,18*	DB-5211AMXT	22	DKC35-34RIB	22
*A638-74VT2RIB	21*,20*,19*,18*	*193-91STXRIB	22*,21*	DS-2068RR	20	*DKC36-48RIB	22*,21
*A639-40VT2RIB	22*,19*,18*	*194-49DGV2PRIB	20*	DS-2220AM	20,19	*DKC36-86RIB	22,21*,20
*A639-70STXRIB	22*,21*,20*,19*	195-51STXRIB	22	DS-2350RR	21,20	*DKC37-50VT2PRIB	20,19*,18
*A640-65 5222AEZ	22*	*195-85DGV2PRIB	21,20*	DS-2505AM	20	*DKC39-55RIB	22*,21,20*
*A641-06STXRIB	20*,19*,18	*197-21VT2PRIB	22*	*DS-2505Q	22*,21*	*DKC40-45VT2PRIB	20*
*A641-54VT2RIB	20*,19*	*197-27STXRIB	21*	*DS-2531AM	22*	DKC41-55RIB	22
*A641-85STX	22*	*198-98STXRIB	20*,19,18	DS-2716Q	20	DKC42-64RIB	22
*A642-05VT2PROD1	22*	200-88STXRIB	22,21	DS-2828AM	21	*DKC42-65VT2PRIB	21*
*A642-47STXRIB	21*,20*	*203-01STXRIB	22*	*DS-2919AM	22*	*DKC43-75VT2PRIB	21,20*,19*
A645-16STXRIB	22	*203-60TRERIB	21*,20	*DS-3022AM	22*,21*	DKC44-98RIB	22*,21
		*203-83STXRIB	22*,21*	*DS-3030AM	20,19*	*DKC45-35RIB	22*
<b>Augusta Seed</b>		*205-70STXRIB	21,20*	*DS-3162Q	22*,21*,20*	DKC45-95VT2PRIB	21,20
A2054	20	206-16SSPRIB	22	*DS-3193AM	20*	DKC48-34RIB	22
*A2345	20,19*	*206-99STXRIB	22	*DS-3203AM	22*	*DKC48-69RIB	22*,21
*A2448	20*	*207-27STXRIB	22*,21*,19*	*DS-3345AM	20*	DKC48-95VT2PRIB	21,20
*A2541	20*	*207-87VT2PRIB	22,21*	*DS-3366AM	22,21*,20*	*DKC49-24RIB	22*
A2545	20	*209-15STXRIB	22*,21*,20*,19*,18*	*DS-3477AM	22*	*DKC49-44SSRIB	20,19*
*A2856	20*	210-98STXRIB	21,20,19,18	*DS-3519AM	21*,20*,19*,18*	DKC50-88VT2PRIB	21
*A3053	20*	*210-99STXRIB	22,21*	*DS-3550AM	22*,21*,20*	*DKC51-91RIB	22,21*,18*
*A5162	20*	212-52SSPRIB	22	*DS-3601Q	22*	*DKC51-98SSRIB	21,20*
				*DS-3715AM	21*,20*,19*,18*	DKC52-34SSRIB	20
<b>BH Genetics</b>		<b>Cornelius</b>		*DS-3727AM	22*,21*	*DKC53-27SSRIB	21,20,19*
BH 8121VT2P	21	*6376	20,19*,18*	*DS-3810Q	21,20*	DKC53-94RIB	22
		*6869	20*,19*	*DS-3900AM	22*	*DKC54-64SSRIB	20*
<b>Becks</b>		*C349SS	20*,19*	*DS-3959Q	22,21*	*DKC55-37SSRIB	20*,19*
*4421Q	20*	*C385DP	21,20*,19*	*DS-4014Q	22,21,20*	*DKC56-15RIB	22,21*
4844SX	20	C461DP	21	*DS-4018AM	22,21*,20*,19*,18	*DKC56-65RIB	22*,21,20*
*5113AM	20,19*	*C478DP	21,20*,19*,18*	*DS-4219AM	22*	*DKC58-34SSRIB	20*,19,18
*5145Q	22*	*C575DP	22*,21*,20*,19*	*DS-4310AM	22,21,20*	*DKC58-64SSRIB	21*
*5909Q	21*	*C577SS	20*,19*	*DS-4318AM	21*,20*,19*,18*	*DKC59-07RIB	22*,20*,19*,18
08B55	20	C6002SS	20	*DS-4440AM	21*,20*,19*	*DKC59-81RIB	22,21,20*,19
14A91	20						

**Table 23 (continued). Comparisons over time of all hybrids tested between 2022 and 2020. 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	Year(s) tested	Brand	Year(s) tested	Brand	Year(s) tested	Brand	Year(s) tested
Hybrid		Hybrid		Hybrid		Hybrid	
*DKC60-80SSRIB	21*	*FS 6017V RIB	22*,21*	*ORG8801	20*,19*,18*	44DP412	22,21
*DKC61-41RIB	22*,21,20*,19*	*FS 6025X	22*			44SS413	22
*DKC62-20RIB	21,19*	*FS 60UX1 RIB	20*,19*,18*	<b>Frontiersmen</b>		*45DP422	21*
*DKC62-89RIB	22*,21	*FS 6106X RIB	22,21*,20*	081-Z1VT2PRIB	21	*45SS423	22*
*DKC63-91RIB	22,21*,20*	*FS 6107T	20*	082-S8RR	20	46DP433	22
*DKC64-44RIB	22*,21,20	*FS 6107T RIB	21*	089-L1 VT2P	22	*46SS428	22,21*,20*,19,18*
		*FS 6194V RIB	21*,20*,19*	*094-L1VT2P	22*	46SS433	22
<b>DenBesten</b>		*FS 6217X RIB	22*,21*	094-Z1VT2P	21	*47DP410	20,19*
DB30-97	21	FS 6306T RIB	21	*096-R8VT2P	20,19*,18*	*47DP411	21,20*
*DB31-10	21*	*FS 6395VDG RIB	21*,20*	*098-L1TRE	22*	*47DP429	22*,21,20*,19,18*
DB31-90	22	FS 6406X RIB	22,20	099-K1VT2PRIB	21	*48DP420	20*,19*
DB32-00	21			*100-W0VT2P	20*,19*	*48SS420	22,21*,19
*DB32-02	22*	<b>Federal Hybrids</b>		*100-W0VT2PRIB	21*	*48SS443	22*
DB33-05	22	3510VT2PRIB	21,20	104-Z1VT2PRIB	21	*49DP441	21,20*
DB38-06	22,21	3530 VP3220	22	107-A0GENSS	20	*49SS437	21*,20*,19*,18*
*DB39-10	22*	3790VT2PRIB	21,20,19,18	107-A0VT2PRIB	21	*4D381RIB	20*,19,18
DB40-05-OR	22,21	3810VT2PRIB	21,20	*108-M9PCE	22*	*50DT503	22*
DB41-01-OR	22,21	*3880 VT2P	22,21*,20*,18			*51DP512	21*
DB41-12-OR	21	4010VT2PRIB	21,20	<b>Golden Harvest</b>		*51SP513	22
DB41-91-OR	22	4120 VT2P	22*,21	G00A97-3120A	22	*51SS500	22,21*,20,19*
DB41-95-OR	21	4135 VP3110A	22	*G02K39-5122 EZ1	22,21*,20*	51SS502	21
*DB41-98-OR	22,21*	*4160 VT2P	22*	G03R40-5222 EZ1	20	*52SS501	21,20*
DB42-06-OR	22	*4160VT2PRIB	21*,20*,19*,18*	G06A27-5122 EZ1	22	*53DP511	20*
DB42-07-OR	22	*4185VT2PRIB	21*	G07G73-5122 EZ1	22,21	53DP523	22
		*4225 RR	22*	*G10D21-3330 EZ1	20*	*53SS521	22,21,20*
<b>DuPont Pioneer</b>		*4225VT2P	21*	G10L16-3330A	20,19	54DP532	21
P0220Q	21	*4240CONV	20*	G11V76-5122 EZ1	20*	*54SP533	22*
*P0306Q	20*	*4300VT2PRIB	21,20*	*G12S75-5122 EZ1	22*,21*,20*	54SS522	22,21
*P0421AM	22,20*	*4310VT2P	20*	*G13Z50-5222 EZ1	21*	*54SS528	21,19*,18
*P0720Q	21*	4330 VT2P	22	*G14N11-5222	20*	*55DD520	22,21*,20*
*P8736AM	20*	*4520 DGV2P	22*,21	G84J92-3120A EZ1	21,20	55SS542	21
*P9188AM	20*,18	4580	21	G85Z56-3220 EZ1	20	*56SP543	22*
*P9492AM	22*,20*,19*,18*	*4580 VT2P	22,20,19*,18*	G87A53-3220	22	56SS531	20
P9608Q	20	*4680VT2PRIB	21*,19*,18*	G89A09-5122 EZ1	20	*56SS538	22,21*,20*,19*,18*
*P9772AM	20*	4820VT2	21	*G91V51-3110A	20*	57DP553	22
*P9815AM	22*	4880 VT2P	22,20,19	*G91V51-5222A EZ1	22,21*	*57SS530	21,20*,19*
P9880AMXT	20	*4999VT2PRIB	20*,19*	G93A49-5122 EZ1	22	*57SS552	22*,21*
		*5005 VT2P	22*	*G95D32-3220	22,21,19*,18*	*58SS529	21,20*,19,18
<b>FS InVISION</b>		*5005SSRIB	20*	G95M41-5122 EZ1	20	59SP573	22
FS 3508V RIB	21,20	5030 AA EZ	22	G96R61-5222 EZ1	20	*59SS581	22*,21*,20*
FS 3525L2 EZR	22	5120 TRE	22	*G97N86-3220 EZ1	20*,19	*60SS603	22*
*FS 37TV1 RIB	20*,19*,18*	*5280VT2PRIB	20*,19*	*G99A37-5222 EZ1	22*	61SS612	21
*FS 4008V RIB	22,21*,20*	5300 VT2P	22,21,20	G99E68-5122 EZ1	21,20	*61SS613	22*
*FS 4507V RIB	22*,21*,20*	*5370VT2PRIB	20*			*63SP633	22*
*FS 4715V RIB	22*,21*	5480CONV	20	<b>Hi Fidelity Genetics</b>		*65SS611	22*
*FS 47TV1 RIB	20*,19*,18	5510VT2RIB	21	HFG0951	20	*7S378RIB	20*,19,18
*FS 4927T RIB	22*	*5570VT2PRIB	20*	HFG1001	20		
*FS 5098V RIB	22*,21*	*5610PCE	21*	HFG1051	20	<b>LG Seeds</b>	
*FS 5098X RIB	20*,19*	*5690VT2PRIB	20*,19*			LG35C41VT2	22
FS 5115X RIB	22,21			<b>Jung</b>		LG36C55RR	22
FS 5125L1A EZR	22	<b>Foundation Organic</b>		27DP202	21	LG36C62VT2RIB	22,21
*FS 51QX1 RIB	20,19,18*	*8650UT	22,20*,19*	32DP300	20,19	LG37C77RR	22
*FS 53ZX1 RIB	20*,19*,18*	8681UT	22	*3316R	20*	*LG42C24	21*
*FS 5525VDG RIB	22*	*8703UT	22*	*33DP303	22*	LG42C24VT2PRO	22
*FS 5594X RIB	22,21,20*,19*	*EXP21-99	21*	35DP301	22,21	LG42C37-3220AEZ	22
*FS 55RL1 EZR	20*,19*	*EXP95FM	20*	*36DP310	20*,19*	LG42C63VT2RIB	20,19
*FS 5704V RIB	21*	*OR8833	22*	*36DP318	21,20,19*,18	*LG44C27VT2RIB	22*,21,20*,19*,18*
FS 5704X RIB	20	*ORG7700	20*,19*	*38DP323	22*	LG46C73VT2RIB	21
*FS 5725X	22*	*ORG8305UT	21*,20*,19*	*39DP338	22*,21*,20,19,18*	LG47C77STXRIB	22
FS 5815V RIB	22,21	*ORG8500	21,20*,19*,18*	*40DP401	22*,21*,20*	*LG47C77VT2PRO	20*
FS 5829V RIB	22	*ORG8507	20*,19,18*	*41DP400	21*,20*,19	LG47C77VT2RIB	21
*FS 5892V RIB	20*	*ORG8536	22*	42DP403	22	*LG49C28	22*
*FS 5909D2A EZR	20*	*ORG8799	22,21*,20*,19	43DP402	21	*LG51C48VT2RIB	20,19*

**Table 23 (continued). Comparisons over time of all hybrids tested between 2022 and 2020. 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	Brand Hybrid	Year(s) tested	Brand Hybrid	Year(s) tested	Brand Hybrid	Year(s) tested
LG51C62	22	LC414-21 VT2P	22	<b>NK Brand</b>		*4393	22*
LG52C37STX	21	*LC431-20SSX(RIB)	21*,20*	*NK0007-3120	22*	X4295	21
LG52C42	21	*LC441-20VT2P(RIB)	21,20*	*NK0243-5122	22,21*,20	X4298	21
LG52C42RR	22	*LC444-21	22*	*NK0314-5122 EZ1	21*	X5200	21
*LG5375VT2RIB	20,19*,18	*LC451-21 SSX	22*	*NK0440-3122 EZ	20*,19*	*X5205	21*
*LG5465VT2RIB	20,19*,18*	*LC451-21 VT2P	22*,21	*NK0472-5222	20*	X5303	22
*LG54C04	20*,19*	*LC461-21 DGVT2P	22*,21	*NK0624-5222	20*	*X5308	22*
LG54C76VT2RIB	21	LC464-21 3120	22	*NK0696-5122	22*	*X6210	21*
*LG5505VT2RIB	20*,19,18	*LC474-20 TREC	22*,21*	*NK0748-5122	22*,21*		
*LG5525VT2RIB	22,19*,18*	LC482-21 VT2P	22	NK0877-3220 EZ1	21	<b>Power Plus</b>	
*LG57C33STXRIB	21,20*,19	*LC484-20SSX	20*	*NK1026-3330	20*	*1K18Q	22*,21,20*
*LG57C33VT2RIB	22*	*LC484-20VT2P(RIB)	21*	*NK1026-5332A EZ1	21*	*1M78AM	20*
LG57C97VT2PRO	20	*LC493-21 5122	22*	*NK1082-5222A EZ1	21,20*	*1M78Q	21
LG58C81STX	21	LC503-21-5222	21	*NK1188-5122	22*,21*,20	*2J67Q	22*
*LG59C66VT2RIB	20*,19*,18*	LC511-21 SSX	22,21	*NK1205-3120	20*,19*	*3M62AM	20*
*LG59C72VT2RIB	22,21*,20	*LC525-21 PWE	22*	*NK1239-5122	22*,21*,20*	*3V14AM	20*
*LG60C47STXRIB	20*	*LC533-20-5222EZR	21*,20*	*NK1354-5222	22*	*4C14AM	21*
LG62C35STXRIB	22	*LC535-20GT	20*	*NK1460-5222	20*	*4F71AM	20*
*LG62C35VT2RIB	20*,19	LC541-22 SSX	22	*NK8519-5222	20*	*5L44AM	22*,21*
		LC544-22	22	NK8618-3120A	20	*6M89Q	22*
		LC551-20SSX	20	*NK8760-3220	22*		
		*LC551-22 SSX	22*	NK8920-5122	20	<b>Prairie Hybrids</b>	
<b>Latham</b>		*LC554-21 DGVT2P	22*	*NK9023-5222 EZ1	21*	*1231	22*,21*,20*,19*
*EX6355GT	20*	*LC555-21 5122	22,21*	*NK9175-3110A	20*,19*	*2741	22*,21*,20*,19*
LH3695VT2PRO	20	LC564-20 PWE	22,21	*NK9175-5222A EZ1	21*	*3259	22,21*
*LH3937VT2PRO	20*	*LC592-21-3330EZR	21*	NK9227-5222A EZ1	21,20	*4211	22*,21,20*,19*
*LH4242VT2PRO	20,19*,18*	*LC594-21 VT2P	22*	*NK9231-3120	22*	4211-Organic	22
*LH4375VT2PRO	20*,19*	*LC623-21 5122	22*	NK9347-5122	22	*4470	22*,21
LH4669SS	20	*LC623-21 5222EZR	21*	*NK9535-3220	21*,20,18	*4718	20*,19*,18*
*LH4937VT2PRORIB	22,21*,20*	*LC634-20SSX(RIB)	21*,20	*NK9653-5222	20*	*4850	20*
LH4989SS	20			*NK9874-3220	22*	*5141	22,21*
*LH5047VT2PRO	20*	<b>Legend Seeds</b>		*NK9922-5222	22*	5142	22
*LH5245VT2PRORIB	22*,21*,20*,19*	22684 VT2P RIB	22	*NK9930-5122 EZ1	21,20*	*5200	22*,21*,20*,19*,18*
LH5377VT2PRO	20	*3795 DGVT2 RIB	22*	*NK9991-5122	20*	*5281	22*
*LH5487VT2PRO	20*	40J287 RR	22	*NX10701-5122	20*	*5787	21*,20*,19*
LH5517VT2PRO	20	*40J9192 VIP3110A	20*	*NX11003-5122	20*	*5883	22*
LH5589SS	20	*4397 TRE RIB	22*	NX11207-3120 EZ1	21	*6590	20*
*LH5742RR	22,21*,20*,19*,18*	*78706 SS RIB	22*	NX11308-5122 EZ1	21	*6878	22,21*
*LH5965VT2PRORIB	22*,21*,20*	JSC47J9185VIP3110	21,20	*NX11406-5222	20*	*7291	22*
LH6149SSRIB	21	LR9004 DC5122EZREF	22,20			*7830	21*
*LH6175VT2PRORIB	22,19*	LR 9100 Powercore	20	<b>O'Brien Hybrids</b>		*8290	22*,21*,20*
*LH6285VT2PRORIB	22,21*,20*,19*,18	LR 9101 SS RIB	22	OB1103	20	*8960	22*,21*
*LH6477VT2PRORIB	22,21*,18	*LR 9102-VIP3110	20*	*OB1105	22*,21*,19*		
LH6529SS	20	LR 9102DC5222	21	*OB1109	22*,20*,19*,18	<b>ProHarvest</b>	
		*LR 9106 PCE	22*,21*,20*	*OB1110	21*	2749VT2PRIB	20,19,18
<b>Legacy Seeds</b>		LR 9109 VIP3220A	20	*OB1114	22*	*4255RR2	22*,21,20*
*LC-3017VT2P(RIB)	20,18*	LR 9191VIP3110A	22,21	OB1177	20	*4340VT2PRIB	22,21*,20*,19*,18*
LC-3048SS(RIB)	21	LR 9195DC5122	21	*OB1185	21,20*,19*	4511RR2	22
LC-3048VT2P(RIB)	20,19	LR 9300 3120AEZREF	22	*OB1188	20*	4545RR2	20,18
*LC-3517VT2P(RIB)	20,19*,18*	LR 9396 3120EZREF	22	OB6091	22	*4630VT2ProRIB	21,20,19*,18*
*LC-3537-5222	20*	*LR 9995VIP3220	21,20,19*	OB6100	22	*4990VT2PRIB	22*,21*,20*
*LC-3718DGVT2P	20*,19*,18*	*LR9308 DC5122EZREF	22*	OB6175	21	57P17VT2PRIB	22,21,20,19
*LC-4248 VT2P	22*,21*,19*			OBX2571	21	*64P24VT2PRIB	22*,21*
*LC-4248SSX	20*	<b>Masters Choice</b>		OBX6106	22	*6606VT2PRIB	20*
*LC-5217VT2P(RIB)	21,20*,19*	*MC5790	20*,19*,18*			6746SXRIB	20
*LC-5319SSX(RIB)	21,20*,19*	*MCT5851	20*	<b>Organic</b>		*6828VT2PRIB	20*,19*
*LC-5438CONV	20*	*MCT6552-3110	20*,19*,18	*UW Check G	22,21*,20*	*71P16SXRIB	22*
LC-5819SSX	20			*UW Check G-HW	21*	*71P16VT2ProRIB	21*,20*
LC-7236-5222	20	<b>Mycogen</b>		*UW Check H	22,21,20*	74P51VT2PRIB	22
LC351-20VT2P	20	BMR10B27RA	20	UW Check H-HW	21	X19330	20
*LC391-20 VT2P	22*,21*	*BMR97B37RA	20*,19			X20200	20
*LC403-22 3120	22*			<b>PIP</b>		X21200VT2P	21
*LC413-20-3110A	21*,20*			*4297	22*,21*	X21209VT2P	21

**Table 23 (continued). Comparisons over time of all hybrids tested between 2022 and 2020. 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	Brand Hybrid	Year(s) tested	Brand Hybrid	Year(s) tested	Brand Hybrid	Year(s) tested
X21474VT2P	21	RK715SSTX	22	*T6398TRE	22*	*99-00	21,20,19
<b>Project Seeds</b>		*RK726H	20*	*T6791 VT2P	21,20*,19	*O.18-06UP	22*,21*,20*
PS-92	22	*RK765VT2P	21,20*,19*	T6888 VT2P	20,19	*O.23-11GSP	22*
*PS19-93 3111	22*	*RK771RR	20*	T6902 VT2P	22,21	*O.31-91	20*
*PS20-107	20*	*RK774VT2P	22*	T6987 VT2P	21,20,19	*O.45-97	20*
PS2088GTCBLL	21	RK782VT2P	21	*T6992 VT2P	21*,20*,19	*O.45-97UP	22*,21*,20*,19*
PS20EXP93GTCBLLBL	20	RK801SSTX	22	*T6993 VT2P	20*,19*	*O.46-02P	22*,21,20*
*PS97	21*	RK805VT2P	22,20	*T6996 VT2P	21,20,19	*O.48-08P	20*,19*
<b>Renk</b>		RK807SSTX	21,20,19	T8395 DC	22	*O.51-04P	20*,19*
RK223RR	22	*RK821SSTX	21*	*T8396 SS	22*	*O.52-89UP	22,21*
RK227VT2P	21,20	*RK826VT2P	22,21*	<b>Tracy Seeds</b>		*O.52-96P	22*,20*
RK256-3120	22,21	RK830SSTX	22	*T095-29 3110	21,20*,19*,18*	O.62-93	21
RK256GT	20	*RK842VT2P	22*	T095-32 5122 EZ	22,21	*O.62-93UP	22*
RK278VT2P	20,19	*RK866DGVT2P	20*	T099-31 3110	21	*O.69-01GSP	22*
*RK287VT2P	20,19,18*	RK882SSTX	20*	T099-31 5222 EZ	22	*O.69-01P	21*,20*,19*
*RK297VT2P	22,21*	RK882TRE	21	T100-31 3120A EZ	22	*O.74-10	20*
*RK312VT2P	21*,20*,19	*RK895DGVT2P	22*	*T102-31 3110	22,21*,20*	*O.82-14GSP	22
*RK315VT2P	20*	RK937VT2P	21*,20*,19*	T105-32 5122 EZ	22	*O.82-14P	21,20*
RK400VT2P	22	RK940SSTX	22	T105-32 5122 EZ	22	*O.84-04	22*
*RK429-3220A	22*,21	*RK945DGVT2P	21,20*,19*	T105-32 HAW	21	*O.84-95UP	22,21*,20*,19*,18*
*RK433VT2P	22,21*,20,19*	<b>Spectrum</b>		*T106-32 PC	22*	*O.85-00P	22*,21*,20*
*RK444VT2P	22*	*3496	20*	T107-31	20	<b>Wyffels</b>	
*RK485DGVT2P	22*,21*	4642	20	T107-33 5122 EZ	22	*W2506RIB	21,20*
*RK499VT2P	20*	*5706	20*	T108-29 5122EZ	21	*W3018	20*
RK502SSTX	22	<b>Thunder Seed</b>		T109-51	20	*W3576	22*
*RK561DGVT2P	22,21,20,19*	T6004 VT2P	21	<b>Viking</b>		*W4196RIB	21,20*,19*,18*
*RK579DGVT2P	22*,21*,20*,19*,18*	T6085 VT2P	21,20,19	*42-92	22*,21*,20*,19*,18*	*W4246RIB	22,21,20*
*RK590VT2P	22*,21	*T6094 VT2P	20*,19*	44-98	22,20,19,18	*W5086RIB	22,21,19*
*RK593VT2P	21*,20*,19*	T6098 VT2P	20,19	46-02	22,21,20	*W5778RIB	22*
*RK600VT2P	22*,21*,20*	T6098 VT2P	20,19	*46-96	20*,18		
RK609VT2P	22	*T6100 VT2P	21*	*48-08	22*,21*,20*,19*,18*		
RK615SSTX	21	T6185 VT2P	21,20	*51-04	22*,21*,20*,19*,18*		
*RK621VT2P	21,20*,19*	T6190 VT2P	21,20	52-00	20		
RK625DGVT2P	22,21	*T6204 VT2P	22,21	*52-96	22,21,20,19*		
*RK626SSTX	20,19*	*T6294 VT2P	22*,21*	55-02	20,19,18		
*RK642VT2P	22,21*,20*,19*	*T6298 VT2P	22*,21	*58-11	21*,20*		
*RK695GTCBLLBL	20*	T6300 VT2P	22	*72-06	22*,21*		
*RK700SSTX	22,21*,20*	T6306 PC	22	*80-89	22,21,20*		
*RK710DGVT2P	22,21*,20*,19*,18*	T6396 VT2P	22	*84-05	22*,21*,20*,19*		
		T6397 AA	22	*85-09	22*		





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

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