

# North Dakota Corn Hybrid Trial Results for 2017

Joel Ransom and Darin Eisinger (NDSU Main Station); Blaine Schatz, Mike Ostlie and Tim Indergaard (Carrington Research Extension Center); Bryan Hanson, Travis Hakanson and Lawrence Henry (Langdon Research Extension Center); Jerry Bergman, Gautam Pradhan, Austin Link and Emma Link (Williston Research Extension Center); Eric Eriksmoen and Joe Effertz (North Central Research Extension Center); Kelly Cooper, Leonard Besemann and Heidi Eslinger (Oakes Irrigation Research Site); Justin Jacobs and Tyler Tjelde (Nesson Valley Irrigation Site); John Rickertsen (Hettinger Research Extension Center)

This publication reports the results of corn hybrid trials that were conducted by NDSU research and Extension personnel throughout North Dakota. The hybrids tested were entered voluntarily by the companies that market them, and the management of these trials was financed partially by the entry fee those companies paid. Links to the participating companies are summarized in Table 1. Additional information and data for a given location may be available at [www.ag.ndsu.edu/varietytrials/corn](http://www.ag.ndsu.edu/varietytrials/corn) and [www.ag.ndsu.edu/cornhybridtesting](http://www.ag.ndsu.edu/cornhybridtesting). When selecting a hybrid, look at its performance at multiple locations and/or across years if possible.

## Corn Production and Weather in 2017

In 2017, the area of corn planted in North Dakota was 3.42 million acres, down slightly from the 3.45 million acres planted in 2016. The average yield for the state in 2017 was estimated at 134 bushels per acre, down significantly from the 158 bushels per acre recorded in 2016.

Yield was constrained by drought in much of the state. Generally, corn growing degree accumulations were behind normal, but warmer than normal conditions in October facilitated dry down, and dry weather in November enabled timely harvest.

## Experimental Procedures

Hybrids were planted in replicated plots in each location. Plot size, number of replications and experimental design varied by location. Information regarding planting and harvesting dates and other management practices is available from the researchers implementing the research. Grain yield was adjusted to 15.5 percent moisture.

## Data Analysis

Data were analyzed using analyses of variance (ANOVA). Least significant differences (LSDs) at the 5 and 10 percent levels were calculated from these analyses and are placed at the bottom of each column of data. These LSD values apply only to the numbers in the column in which they appear. If the difference (for instance, for yield) between two varieties exceeds the LSD value, it means that with 95 or 90 percent confidence, the higher-yielding variety has a significant yield advantage. Conversely, when the difference between the means of two varieties is less than the LSD value, this indicates these varieties have no statistical difference between them. The coefficient of variation (CV), which also is placed at the bottom of each column, is a measure of the variability for that trait within the trial.

Hybrids are ranked in descending order for yield in each table. Carefully consider grain moisture at harvest in addition to yield. Comparing the yield of hybrids with similar moisture levels allows you to compare the yield of hybrids with similar relative maturities (RMs). The RMs listed in the tables have been provided by the company marketing these hybrids. In some cases, the industry-provided estimate of RM might not correspond precisely to the moisture levels obtained in trials reported in this publication.

## List of Tables

- Table 1. Companies Participating in 2017 NDSU Corn Hybrid Trials.
- Table 2. 2017 Corn - Average of Southern Locations (Ransom, Richland and Sargent Counties), Early Maturing.
- Table 3. 2017 Corn - Average of Southern Locations (Ransom, Richland and Sargent Counties), Late Maturing.
- Table 4. 2017 Corn - South Zone, Conventional and GMO, Ransom County, Early Maturing.
- Table 5. 2017 Corn - South Zone, Conventional and GMO, Ransom County, Late Maturing.
- Table 6. 2017 Corn - Average of Central Locations (Steele and Traill Counties), Early Maturing.
- Table 7. 2017 Corn - Average of Central Locations (Steele and Traill Counties), Late Maturing.
- Table 8. 2017 Corn - Central Zone, Conventional and GMO, Cass County, Early Maturing.
- Table 9. 2017 Corn - Central Zone, Conventional and GMO, Cass County, Late Maturing.
- Table 10. 2017 Corn - Average of North Locations (Grand Forks and Marshall Counties), Early Maturing.
- Table 11. 2017 Corn - Average of North Locations (Grand Forks and Marshall Counties), Late Maturing.
- Table 12. 2017 Corn - North Zone, Conventional and GMO, Grand Forks County, Early Maturing.
- Table 13. 2017 Corn - North Zone, Conventional and GMO, Grand Forks County, Late Maturing.
- Table 14. 2017 Corn - Dryland - Carrington.
- Table 15. 2017 Corn - Dryland - Conventional - Carrington.
- Table 16. 2017 Corn - Fingal (Carrington REC).
- Table 17. 2017 Corn - Irrigated - Carrington.
- Table 18. 2017 Corn - Oakes (Carrington REC).
- Table 19. 2017 Corn - Irrigated - Oakes (Carrington REC).
- Table 20. 2017 Corn - Dryland - Langdon.
- Table 21. 2017 Corn - Minot.
- Table 22. 2017 Corn - Dryland - Williston.
- Table 23. 2017 Corn - Irrigated - Williston.
- Table 24. 2017 Corn - Hettinger.

<b>Table 1. Companies Participating in 2017 NDSU Corn Hybrid Trials.</b>
--

<u>Company</u>	<u>Abbreviated</u>	<u>Website</u>
Allegiant Seed	Allegiant	<a href="http://www.chsinc.com">www.chsinc.com</a>
Channel	Channel	<a href="http://www.channelbio.com">www.channelbio.com</a>
Croplan Genetics	Croplan	<a href="http://www.winfield.com">www.winfield.com</a>
Dahlman Seed	Dahlman	<a href="http://www.dahlmanseed.com">www.dahlmanseed.com</a>
Dairyland Seed	Dairyland	<a href="http://www.dairylandseed.com">www.dairylandseed.com</a>
DEKALB	Dekalb	<a href="http://www.dekalb.com">www.dekalb.com</a>
Funk's Frontiersmen	Frontiersmen	<a href="http://frontiersmen.ag/">http://frontiersmen.ag/</a>
Hefty Seed	Hefty	<a href="http://www.heftyseed.com">www.heftyseed.com</a>
Innotech	Innotech	<a href="http://www.robseeco.com">www.robseeco.com</a>
Integra Fortified Seed	Integra	<a href="http://www.integraseed.com">www.integraseed.com</a>
Latham	Latham	<a href="http://www.lathamseeds.com">www.lathamseeds.com</a>
Legacy Seeds	Legacy	<a href="http://www.legacyseeds.com">www.legacyseeds.com</a>
Legend Seeds	Legend	<a href="http://www.legendseeds.net">www.legendseeds.net</a>
Mustang Seeds	Mustang	<a href="http://www.mustangseeds.com">www.mustangseeds.com</a>
NorthStar Genetics	NorthStar	<a href="http://www.northstargenetics.com">www.northstargenetics.com</a>
NuTech Seed/G2 Genetics	NuTech/G2	<a href="http://www.nutechseed.com">www.nutechseed.com</a>
Partners Brand	Partners	<a href="http://www.partnersbrandseed.com">www.partnersbrandseed.com</a>
Peterson Farms Seed	Peterson	<a href="http://www.petersonfarmsseed.com">www.petersonfarmsseed.com</a>
Pioneer	Pioneer	<a href="http://www.pioneer.com">www.pioneer.com</a>
Producers Hybrids	Producers	<a href="http://www.producershybrids.com">www.producershybrids.com</a>
Proseed	Proseed	<a href="http://www.proseed.net">www.proseed.net</a>
REA Hybrids	REA	<a href="http://www.rea-hybrids.com">www.rea-hybrids.com</a>
Renegade Seed	Renegade	<a href="http://www.mkap.com">www.mkap.com</a>
Renk Seed	Renk	<a href="http://www.renkseed.com">www.renkseed.com</a>
Rob-See-Co	Rob-See-Co	<a href="http://www.robseeco.com">www.robseeco.com</a>
Stine Seed	Stine	<a href="http://www.stinseed.com">www.stinseed.com</a>
Twenty-first Century Genetics	TCG	<a href="http://www.21stcenturygeneticscorp.com">www.21stcenturygeneticscorp.com</a>
Thunder Seed	Thunder	<a href="http://www.thunderseeds.com">www.thunderseeds.com</a>

**Table 2. 2017 Corn - Average of Southern Locations (Ransom, Richland and Sargent Counties), Early Maturing ( ≤93).**

Authors, J. Ransom and D. Eisinger.

Company/Brand	Hybrid	Grain			Grain Yield				
		RM <sup>1</sup>	Moisture <sup>2</sup> (%)	Lodging (%)	Ransom	Richland	Sargent	3-site Average <sup>3</sup> (bu/a)	2-yr. Avg.
Proseed	PX 790 VT2P	91	19.3	2.0	256.4	245.7	254.0	252.0	--
Legacy	L-3115 VT2PRO	92	19.1	2.7	242.4	241.1	268.6	250.7	249.7
Latham	EX 3937 VT2P	89	19.4	1.3	236.5	247.2	266.8	250.2	--
Latham	LH 4097 VT2P	90	18.9	0.3	235.8	228.5	280.8	248.4	--
REA	3B902	90	18.7	0.3	242.3	236.5	265.1	248.0	--
Channel	187-49VT2PRIB	87	18.6	1.3	257.5	238.6	244.7	246.9	--
Legacy	L-3017 VT2PRO	90	19.7	0.7	236.0	241.5	261.7	246.4	--
Legend	LR 9893	93	20.2	1.0	236.6	229.1	271.0	245.6	--
Channel	193-53VT2PRIB	93	19.5	1.7	235.4	219.2	274.4	243.0	249.3
Legacy	L-3011 VT2PRO	90	19.2	1.0	241.6	227.3	259.7	242.9	246.9
Latham	LH 4147 VT2P	91	19.4	0.3	227.4	230.5	266.7	241.5	--
Latham	EX 4067 VT2P	90	19.7	0.7	240.9	217.2	264.4	240.8	--
Integra	4122	91	19.0	0.7	228.4	227.5	266.3	240.7	--
Latham	LH 3877 VT2P	88	18.4	1.3	227.6	230.0	258.4	238.7	--
REA	4A931	93	18.8	2.7	225.0	231.5	256.3	237.6	--
NuTech	5G-293	93	19.2	2.0	215.3	234.6	260.1	236.7	241.2
REA	3B922	92	19.2	0	221.9	218.5	266.4	235.6	246.4
Dairyland	DS-9090SSX	90	19.2	0	220.6	235.5	249.7	235.3	--
Peterson	76S92	92	19.5	0.3	224.8	224.4	256.3	235.2	243.9
Proseed	1392 VT2P	92	19.7	0.3	214.8	218.4	271.5	234.9	238.8
NuTech	5N-290	90	18.8	6.0	223.0	239.7	241.7	234.8	--
Dairyland	DS-6091	91	18.9	20.3	222.9	212.1	262.5	232.5	--
Peterson	72A91	91	19.5	2.0	218.0	222.6	255.2	231.9	--
Latham	LH 4242 VT2P	92	19.7	0	202.3	229.5	260.2	230.7	--
NuTech	X5BN-8905	89	18.4	0	218.3	215.2	258.3	230.6	--
NuTech/G2	5F-091	91	18.5	1.7	226.3	211.9	247.8	228.7	--
Channel	189-29VT2PRIB	89	18.3	0.3	210.9	224.8	248.3	228.0	--
Thunder	7993 SS	93	19.2	2.0	200.6	223.9	253.0	225.8	238.5
Proseed	1689 VT2P	89	17.9	0.3	216.2	214.6	243.9	224.9	--
Mean			19.1	1.8	227.8	228.2	259.8	238.6	--
CV (%)			2.9	216	7.7	6.5	5.0	3.9	--
LSD 0.05			0.9	5.3	24.8	22.0	19.7	15.4	--
LSD 0.10			0.8	4.4	20.8	18.4	16.4	12.8	--

<sup>1</sup>Relative maturity as given by industry.<sup>2</sup>Average of all locations.<sup>3</sup>Combined means may not equal numeric means of individual location as statistical methods were used for the combined analysis that adjusted means to account for within and between trial variability.

**Table 3. 2017 Corn - Average of Southern Locations (Ransom, Richland and Sargent Counties), Late Maturing ( ≥94).  
Authors, J. Ransom and D. Eisinger.**

Company/Brand	Hybrid	RM <sup>1</sup>	Grain		Grain Yield				
			Moisture <sup>2</sup> (%)	Lodging (%)	Ransom	Richland	Sargent	3-site Average <sup>3</sup> (bu/a)	2-yr. Avg.
REA	5A982	98	19.4	3.7	237.9	247.3	275.3	253.5	--
Legacy	L-3517 VT2PRO	95	20.1	0.7	243.0	236.6	274.1	251.2	--
Latham	LH 4727 VT2P	97	20.0	0.3	249.5	237.7	265.5	250.9	--
Thunder	6798 VT2P	98	19.4	3.0	246.5	235.4	266.7	249.5	--
Latham	EX 4657 VT2P	96	19.9	1.0	240.9	230.9	275.9	249.2	--
Dahlman	R47-24VT2PRIB	94	19.8	0.3	234.0	231.3	280.4	248.6	255.0
Proseed	PX 694 VT2P	94	19.5	1.0	247.3	229.0	266.2	247.5	--
Hefty	H4402	94	19.8	0	227.8	235.0	278.9	247.2	--
Legend	LR 9798	98	20.0	0	243.7	235.0	263.0	247.2	--
Latham	LH 4437 VT2P	94	19.7	1.7	236.1	235.6	269.8	247.2	--
Peterson	77P94	94	19.8	2.0	241.5	233.0	261.7	245.4	251.2
NuTech/G2	5FN-7099	99	21.1	0.3	237.5	224.3	270.2	244.0	--
Legacy	L-3816 VT2PDG	99	21.6	1.3	223.3	238.9	268.1	243.4	--
Legacy	L-3416 VT2PRO	94	19.4	1.3	239.3	228.2	260.1	242.5	249.1
Thunder	7396 VT2P	96	19.5	1.3	248.7	224.3	254.1	242.4	--
Legacy	L-3715 GENSS	96	19.5	0	218.2	234.4	271.6	241.4	253.2
Thunder	4695 RR	95	19.9	0.3	225.7	228.2	269.5	241.1	249.0
NuTech/G2	5F-196	96	19.7	3.7	223.9	229.6	268.0	240.5	250.9
NuTech/G2	5FN-6097	97	19.3	2.0	240.0	220.6	260.8	240.5	--
Thunder	6794 VT2P	94	18.3	0	231.3	232.8	254.6	239.6	--
Legacy	L-3712 VT2PRO	96	20.3	0	229.8	225.9	261.4	239.0	247.4
Latham	LH 4454 VT2P	94	19.8	0	222.4	231.5	262.6	238.8	--
Channel	197-66VT2PRIB	97	20.3	3.3	216.5	221.3	278.6	238.8	--
Peterson	81W95	95	19.5	1.0	214.2	228.8	271.2	238.1	239.9
Legend	LR 9897	97	21.0	0	198.6	235.7	279.8	238.0	--
Latham	EX 4929 SS	99	21.2	0.7	224.4	217.4	271.9	237.9	--
Legacy	L-3916 GENSS	99	20.5	0.3	219.0	222.0	271.0	237.3	--
Channel	195-18VT2PRIB	95	20.7	1.7	224.3	230.5	255.1	236.6	247.2
NuTech/G2	X5FN-9502	95	20.0	9.7	229.7	232.6	246.7	236.3	--
Proseed	1595 VT2P	95	19.4	0.3	221.4	228.4	258.7	236.2	--
REA	4A973	97	19.3	0.3	220.7	226.5	259.6	235.6	--
Channel	197-50VT2PRIB	97	21.3	0	224.4	228.4	250.3	234.4	242.4
Latham	LH 4955 VT2P	99	20.5	0	233.2	218.9	250.2	234.1	--
Dairyland	DS-7294	94	19.3	1.3	220.0	217.1	260.6	232.6	238.8
NuTech/G2	5FN-5096	96	20.2	2.0	213.3	209.4	264.8	229.2	--
Legacy	L-3626 VT2PRO	97	20.3	0	201.8	225.1	259.1	228.7	--
Mean			20.0	1.2	229.2	229.1	265.4	241.2	--
CV (%)			2.9	216	7.7	6.5	5.0	3.9	--
LSD 0.05			0.9	5.3	24.8	22.0	19.7	15.4	--
LSD 0.10			0.8	4.4	20.8	18.4	16.4	12.8	--

<sup>1</sup>Relative maturity as given by company.

<sup>2</sup>Average of all locations.

<sup>3</sup>Combined means may not equal numeric means of individual location as statistical methods were used for the combined analysis that adjusted means to account for within and between trial variability.

**Table 4. 2017 Corn - South Zone, Conventional and GMO, Ransom County, Early Maturing ( $\leq 93$ ).**

Authors, J. Ransom and D. Eisinger.

Company/Brand	Hybrid <sup>1</sup>	RM	Grain	Lodging	Grain
			Moisture		Yield
			(%)	(%)	(bu/a)
Channel	187-49VT2PRIB	87	19.8	0.1	257.5
Proseed	PX 790 VT2P	91	20.7	0.1	256.4
Pioneer	91-88	91	19.9	0	245.2
Legacy	L-3115 VT2PRO	92	20.2	6.0	242.4
REA	3B902	90	20.1	0	242.3
Legacy	L-3011 VT2PRO	90	21.0	0	241.6
Latham	EX 4067 VT2P	90	20.5	0.1	240.9
Legend	LR 9893	93	21.6	0.2	236.6
Latham	EX 3937 VT2P	89	21.3	2.6	236.5
Legacy	L-3017 VT2PRO	90	20.9	0	236.0
Latham	LH 4097 VT2P	90	20.3	0	235.8
Channel	193-53VT2PRIB	93	21.2	2.2	235.4
<b>Mustang</b>	<b>0292</b>	<b>92</b>	<b>20.8</b>	<b>3.4</b>	<b>231.3</b>
<b>Mustang</b>	<b>0288</b>	<b>88</b>	<b>19.1</b>	<b>0</b>	<b>228.6</b>
Integra	4122	91	20.5	1.2	228.4
Latham	LH 3877 VT2P	88	19.9	0.1	227.6
Latham	LH 4147 VT2P	91	20.7	1.4	227.4
<b>Partners</b>	<b>PB6003</b>	<b>90</b>	<b>20.1</b>	<b>2.8</b>	<b>227.0</b>
NuTech/G2	5F-091	91	20.0	0.1	226.3
REA	4A931	93	20.3	7.7	225.0
Peterson	76S92	92	21.9	1.5	224.8
<b>Renegade</b>	<b>R1-1592</b>	<b>92</b>	<b>21.0</b>	<b>3.7</b>	<b>224.2</b>
<b>Proseed</b>	<b>1190</b>	<b>91</b>	<b>21.1</b>	<b>0.1</b>	<b>223.3</b>
NuTech	5N-290	90	19.7	10.1	223.0
Dairyland	DS-6091	91	20.1	44.8	222.9
REA	3B922	92	20.5	0	221.9
Dairyland	DS-9090SSX	90	21.4	0	220.6
NuTech	X5BN-8905	89	18.9	0.2	218.3
Peterson	72A91	91	21.8	1.0	218.0
<b>Partners</b>	<b>PB6358</b>	<b>93</b>	<b>19.9</b>	<b>0.2</b>	<b>216.7</b>
<b>Proseed</b>	<b>1392</b>	<b>92</b>	<b>21.5</b>	<b>0</b>	<b>216.5</b>
Proseed	1689 VT2P	89	19.4	0	216.2
NuTech	5G-293	93	20.2	1.2	215.3
Proseed	1392 VT2P	92	21.9	1.3	214.8
Channel	189-29VT2PRIB	89	19.7	0.2	210.9
<b>Thunder</b>	<b>3390</b>	<b>90</b>	<b>20.9</b>	<b>0</b>	<b>204.3</b>
Latham	LH 4242 VT2P	92	21.6	0.2	202.3
Thunder	7993 SS	93	21.0	2.2	200.6
Mean			20.6	2.5	226.9
CV (%)			3.7	223	7.7
LSD 0.05			1.1	5.9	24.8
LSD 0.10			0.9	5.0	20.8

<sup>1</sup>Conventional hybrids are indicated in bold.

**Table 5. 2017 Corn - South Zone, Conventional and GMO, Ransom Co., Late Maturing ( $\geq 94$ ).  
 Authors, J. Ransom and D. Eisinger.**

Company/Brand	Hybrid <sup>1</sup>	RM	Grain Moisture (%)	Lodging (%)	Grain Yield (bu/a)
Latham	LH 4727 VT2P	97	22.3	0	249.5
Thunder	7396 VT2P	96	21.5	1.4	248.7
Proseed	PX 694 VT2P	94	21.3	2.6	247.3
Thunder	6798 VT2P	98	20.8	0	246.5
<b>Proseed</b>	<b>1694</b>	<b>94</b>	<b>21.7</b>	<b>0.1</b>	<b>244.8</b>
Legend	LR 9798	98	21.6	0	243.7
Legacy	L-3517 VT2PRO	95	22.0	1.3	243.0
Peterson	77P94	94	21.0	0	241.5
Latham	EX 4657 VT2P	96	21.9	2.0	240.9
NuTech/G2	5FN-6097	97	21.2	0	240.0
Legacy	L-3416 VT2PRO	94	21.0	0.3	239.3
REA	5A982	98	21.4	5.0	237.9
NuTech/G2	5FN-7099	99	24.0	0.1	237.5
<b>Proseed</b>	<b>1395</b>	<b>95</b>	<b>21.7</b>	<b>0.1</b>	<b>236.7</b>
Latham	LH 4437 VT2P	94	21.1	1.2	236.1
<b>Renegade</b>	<b>R1-1699</b>	<b>99</b>	<b>23.0</b>	<b>0</b>	<b>235.2</b>
Dahlman	R47-24VT2PRIB	94	21.0	0.4	234.0
<b>Proseed</b>	<b>PX 797</b>	<b>97</b>	<b>22.1</b>	<b>0</b>	<b>233.4</b>
Latham	LH 4955 VT2P	99	22.2	0.3	233.2
Thunder	6794 VT2P	94	21.1	0.1	231.3
Dekalb	DKC 45-64	95	20.7	2.5	230.9
Legacy	L-3712 VT2PRO	96	21.5	0.2	229.8
NuTech/G2	X5FN-9502	95	21.1	11.2	229.7
<b>Proseed</b>	<b>1695</b>	<b>95</b>	<b>19.8</b>	<b>1.2</b>	<b>229.0</b>
Hefty	H4402	94	21.9	0.1	227.8
Thunder	4695 RR	95	22.0	1.2	225.7
Latham	EX 4929 SS	99	23.2	1.2	224.4
Channel	197-50VT2PRIB	97	22.0	0.4	224.4
Channel	195-18VT2PRIB	95	22.8	1.2	224.3
NuTech/G2	5F-196	96	21.6	5.8	223.9
Legacy	L-3816 VT2PDG	99	23.1	1.3	223.3
Latham	LH 4454 VT2P	94	21.9	0.1	222.4
Proseed	1595 VT2P	95	20.5	0.2	221.4
REA	4A973	97	22.0	0	220.7
Dairyland	DS-7294	94	21.0	2.2	220.0
Legacy	L-3916 GENSS	99	21.8	1.2	219.0
<b>Mustang</b>	<b>0994</b>	<b>94</b>	<b>21.4</b>	<b>2.6</b>	<b>219.0</b>
Legacy	L-3715 GENSS	96	20.9	0	218.2
<b>Thunder</b>	<b>3595</b>	<b>95</b>	<b>22.1</b>	<b>2.3</b>	<b>217.0</b>
Channel	197-66VT2PRIB	97	22.0	1.5	216.5
Peterson	81W95	95	21.0	0.2	214.2
NuTech/G2	5FN-5096	96	22.4	0.1	213.3
<b>Mustang</b>	<b>0995</b>	<b>95</b>	<b>21.9</b>	<b>0</b>	<b>210.4</b>
Legacy	L-3626 VT2PRO	97	22.3	0	201.8
Legend	LR 9897	97	23.2	0	198.6
<b>TCG</b>	<b>TCG 405</b>	<b>89-93</b>	<b>20.6</b>	<b>9.0</b>	<b>197.2</b>
<b>TCG</b>	<b>TCG 225</b>	<b>79-82</b>	<b>19.0</b>	<b>5.0</b>	<b>147.1</b>
Mean			21.6	1.4	226.6
CV (%)			3.7	223	7.7
LSD 0.05			1.1	5.9	24.8
LSD 0.10			0.9	5.0	20.8

<sup>1</sup>Conventional hybrids are indicated in bold.

**Table 6. 2017 Corn - Average of Central Locations (Steele and Traill Counties), Early Maturing (≤85).**

Authors, J. Ransom and D. Eisinger.

Company/Brand	Hybrid	RM <sup>1</sup>	Grain		Grain Yield			2-yr. Avg.
			Moisture <sup>2</sup>	Lodging	Steele	Traill	Average <sup>3</sup>	
			(%)	(%)	------(bu/ac)-----			
NuTech	5GN-8484	84	16.4	0	244.6	247.2	245.9	--
Thunder	4585 RR	85	15.9	0	238.5	245.7	242.1	232.7
Legacy	L-2314 VT2PRO	83	16.1	0.5	239.5	242.1	240.8	231.2
NuTech/G2	X5FN-8504	85	16.1	0	228.7	252.7	240.7	--
Latham	LH 3547 VT2P	85	15.9	0.5	238.9	241.2	240.1	--
Legacy	L-2546 RR2	85	16.3	0	228.7	*250.9	239.8	--
Partners	PB5203-3000GT	82	16.8	0.5	233.2	245.2	239.2	--
Channel	185-15VT2PRIB	85	15.4	0	*216.9	259.3	238.1	222.6
Legend	LR 9785	85	15.5	0.5	223.6	*248.3	236.0	--
Dairyland	DS-7185	85	16.2	0	233.0	237.7	235.3	--
Legacy	L-2436 3220	84	16.1	0	223.6	246.9	235.2	--
Latham	LH 3487 VT2P	84	15.3	0	220.8	242.2	231.5	--
Proseed	1385 VT2P	85	15.6	0	239.1	223.6	231.4	--
Legacy	L-2516 VT2PRO	84	15.5	0	231.8	229.8	230.8	226.4
Peterson	32L84	84	16.1	10.5	214.9	244.8	229.9	--
Channel	181-11VT2PRIB	81	15.2	3.0	222.7	234.8	228.7	--
Thunder	6785 VT2P	85	15.3	0	219.3	231.3	225.3	227.1
Latham	LH 3117 VT2P	81	15.6	0	217.8	231.6	224.7	--
Pioneer	22-30	83	15.3	2.5	218.0	225.3	221.7	--
Latham	LH 3397 VT2P	83	15.7	0.5	217.2	219.1	218.2	--
Channel	182-62VT2PRIB	82	15.1	0	213.8	214.4	214.1	213.9
Legend	40J684	84	16.4	0	203.3	220.4	211.8	--
Mean			15.8	1.0	225.8	237.9	231.9	--
CV (%)			2.7	287	7.0	7.6	4.1	--
LSD 0.05			0.9	5.7	23.7	26.5	19.9	--
LSD 0.10			0.7	4.5	19.8	22.2	16.4	--

<sup>1</sup>Relative maturity as given by company.<sup>2</sup>Average of both locations.<sup>3</sup>Combined means may not equal numeric means of individual location as statistical methods were used for the combined analysis that adjusted means to account for within and between trial variability.

\*Hybrid with 1 plot significantly impacted by Goss's Wilt, which was included in reported average.

**Table 7. 2017 Corn - Average of Central Locations (Steele and Trail Counties), Late Maturing ( $\geq 86$ ) (Page 1 of 2).****Authors, J. Ransom and D. Eisinger.**

Company/Brand	Hybrid	RM <sup>1</sup>	Grain		Grain Yield		
			Moisture <sup>2</sup>	Steele	Trail	Average <sup>3</sup>	2-yr. Avg.
			(%)	------(bu/ac)-----			
Peterson	74Z87	87	16.0	263.6	265.7	264.7	--
Producers	5263 VT2RIB	92	17.3	244.2	268.3	256.3	--
Latham	LH 4242 VT2P	92	17.9	250.1	260.2	255.1	--
Latham	EX 3937 VT2P	89	16.8	258.8	251.4	255.1	--
Proseed	PX 790 VT2P	91	17.3	249.3	259.7	254.5	--
Legacy	L-2817 VT2PRO	87	15.6	241.5	266.4	254.0	--
Legend	LR 9891	91	17.4	245.6	262.3	253.9	--
Producers	4713 VT2RIB	87	16.0	245.7	261.6	253.6	--
Croplan	91-88	91	16.8	239.1	267.0	253.0	--
Producers	5043 VT2RIB	90	16.8	251.4	253.8	252.6	240.1
Latham	LH 4097 VT2P	90	16.6	246.2	256.7	251.4	--
Latham	LH 4147 VT2P	91	16.6	257.1	244.9	251.0	--
Integra	3922	89	16.5	243.7	258.0	250.9	--
Integra	4122	91	16.9	244.4	255.8	250.1	235.3
NuTech	X5BN-8905	89	16.3	243.3	254.7	249.0	--
Legacy	L-3117 VT2PRO	91	16.7	252.6	245.0	248.8	--
Legacy	L-2836 3010	88	16.3	243.7	253.3	248.5	--
Dairyland	DS-9090SSX	90	16.8	240.1	255.7	247.9	--
Dairyland	DS-9686	86	16.7	236.4	256.9	246.6	238.5
Peterson	31F88	88	16.5	242.5	249.3	245.9	--
Proseed	PX 787 VT2P	87	15.8	237.1	254.5	245.8	--
Legacy	L-3115 VT2PRO	92	17.1	252.4	239.3	245.8	237.7
Integra	3718	87	16.7	240.0	251.7	245.8	--
Dairyland	DS-6091	91	16.7	238.7	252.9	245.8	--
Latham	EX 4067 VT2P	90	17.1	230.7	258.9	244.8	--
Legacy	L-2916 VT2PRO	88	15.8	239.6	248.4	244.0	236.3
Dekalb	DFKC37-86RIB	87	16.1	239.3	248.4	243.8	--
Dahlman	R44-25VT2PRIB	88	15.9	246.6	240.9	243.8	241.5
Latham	EX 3695 VT2P	86	16.1	231.6	255.7	243.6	--
NuTech	5N-290	90	16.3	224.9	260.3	242.6	237.4
Legacy	L-3011 VT2PRO	90	16.7	245.5	239.4	242.4	249.6
Proseed	1689 VT2P	89	15.9	240.5	243.5	242.0	--
Dahlman	R45-28VT2PRIB	90	16.3	234.6	249.2	241.9	--
Channel	187-49VT2PRIB	87	16.0	249.3	233.3	241.3	235.2
Latham	LH 3877 VT2P	88	16.1	239.1	243.2	241.1	--
Dahlman	R43-24VT2PRIB	86	16.4	232.1	249.3	240.7	--
Thunder	4791 RR	91	16.9	239.1	241.5	240.3	--
Thunder	6791 VT2P	91	17.1	222.6	257.9	240.2	241.0
Legend	LR 9886	86	16.4	232.7	246.1	239.4	--
Latham	EX 3755 VT2P	87	16.2	230.4	247.6	239.0	--
Channel	189-29VT2PRIB	89	16.1	230.8	247.0	238.9	--
Legacy	L-3017 VT2PRO	90	17.5	242.0	235.6	238.8	--
Thunder	6888 VT2P	88	16.2	228.6	246.8	237.7	--
Legacy	L-2847 VT2PRO	87	16.2	238.5	234.9	236.7	--
Mean			16.5	239.1	249.3	244.2	--
CV (%)			2.7	7.0	7.6	4.1	--
LSD 0.05			0.9	23.7	26.5	19.9	--
LSD 0.10			0.7	19.8	22.2	16.4	--



**Table 7. 2017 Corn - Average of Central Locations (Steele and Traill Counties), Late Maturing ( $\geq 86$ ) (Page 2 of 2).  
Authors, J. Ransom and D. Eisinger.**

Company/Brand	Hybrid	RM <sup>1</sup>	Grain	Steele	Grain Yield		2-yr. Avg.
			Moisture <sup>2</sup>		Traill	Average <sup>3</sup>	
			(%)		------(bu/ac)-----		
Thunder	6789 VT2P	89	15.8	229.6	243.5	236.6	--
NuTech	5G-293	93	17.3	220.4	248.2	234.3	--
NuTech	5N-886	86	16.3	213.3	253.0	233.2	--
NuTech/G2	5F-091	91	17.2	217.6	247.0	232.3	232.4
Producers	4633 VT2RIB	86	15.4	230.0	230.8	230.4	--
Channel	186-31VT2PRIB	86	16.1	236.1	213.5	224.8	227.7
Latham	LH 3647 VT2P	86	15.9	222.4	*206.7	214.6	--
Mean			16.5	239.1	249.3	244.2	--
CV (%)			2.7	7.0	7.6	4.1	--
LSD 0.05			0.9	23.7	26.5	19.9	--
LSD 0.10			0.7	19.8	22.2	16.4	--

<sup>1</sup>Relative maturity as given by company.

<sup>2</sup>Average of Steele and Traill locations.

<sup>3</sup>Combined means may not equal numeric means of individual location as statistical methods were used for the combined analysis that adjusted means to account for within and between trial variability.

\*Hybrid with 1 plot significantly impacted by Goss's Wilt.

**Table 8. 2017 Corn - Central Zone, Conventional and GMO, Cass County, Early Maturing ( $\leq 85$ ).**

Authors, J. Ransom and D. Eisinger.

Company/Brand	Hybrid <sup>1</sup>	RM	Grain	Grain
			Moisture	Yield
			(%)	(bu/a)
<b>Partners</b>	<b>CL520</b>	<b>82</b>	<b>16.7</b>	<b>239.5</b>
Pioneer	22-30	83	16.6	237.6
NuTech/G2	X5FN-8504	85	16.7	236.0
Partners	PB5203-3000GT	82	16.8	235.9
Thunder	4585 RR	85	16.7	234.9
<b>Thunder</b>	<b>6184</b>	<b>84</b>	<b>17.0</b>	<b>234.1</b>
Legacy	L-2314 VT2PRO	83	16.9	233.7
Latham	LH 3547 VT2P	85	16.4	233.3
Channel	182-62VT2PRIB	82	15.9	233.0
Proseed	1385 VT2P	85	16.5	232.1
Dairyland	DS-7185	85	16.7	230.3
Channel	181-11VT2PRIB	81	17.0	230.3
<b>Renegade</b>	<b>R1-1685</b>	<b>85</b>	<b>16.6</b>	<b>230.2</b>
Thunder	6785 VT2P	85	16.5	226.7
Legend	40J684	84	16.6	226.7
Legend	LR 9785	85	16.4	225.6
Latham	LH 3117 VT2P	81	16.3	225.6
Latham	LH 3487 VT2P	84	16.3	225.3
Legacy	L-2546 RR2	85	16.4	224.0
Latham	LH 3397 VT2P	83	15.7	222.9
<b>Thunder</b>	<b>2784</b>	<b>84</b>	<b>16.5</b>	<b>222.2</b>
Legacy	L-2516 VT2PRO	84	16.7	220.8
Peterson	32L84	84	16.1	218.0
Channel	185-15VT2PRIB	85	16.3	215.5
NuTech	5GN-8484	84	16.3	211.6
<b>Mustang</b>	<b>0180</b>	<b>80</b>	<b>16.5</b>	<b>210.8</b>
Legacy	L-2436 3220	84	15.7	206.8
<b>TCG</b>	<b>TCG 225</b>	<b>79-82</b>	<b>16.4</b>	<b>*191.7</b>
Mean			16.5	226.8
CV (%)			6	9.6
LSD 0.05			1.4	30.6
LSD 0.10			1.2	25.5

<sup>1</sup>Conventional hybrids are indicated in bold.

\*Hybrid with 1 plot significantly impacted by Goss's Wilt.

**Table 9. 2017 Corn - Central Zone, Conventional and GMO, Cass County, Late Maturing ( $\geq 86$ ) (Page 1 of 2).  
Authors, J. Ransom and D. Eisinger.**

Company/Brand	Hybrid <sup>1</sup>	RM	Grain	Grain
			Moisture	Yield
			(%)	(bu/a)
Proseed	PX 787 VT2P	87	16.7	253.3
Legacy	L-3011 VT2PRO	90	17.2	249.5
Thunder	6888 VT2P	88	16.2	249.2
Peterson	31F88	88	17.1	245.2
Channel	189-29VT2PRIB	89	16.8	244.9
NuTech	5N-886	86	16.3	242.4
Latham	EX 4067 VT2P	90	17.2	242.1
Dahlman	R43-24VT2PRIB	86	16.6	242.0
Peterson	74Z87	87	17.0	241.7
Thunder	6791 VT2P	91	17.3	241.1
<b>Partners</b>	<b>PB6003</b>	<b>90</b>	<b>16.9</b>	<b>241.0</b>
<b>REA</b>	<b>2C872</b>	<b>87</b>	<b>16.9</b>	<b>240.2</b>
Dairyland	DS-9090SSX	90	17.1	240.2
Legacy	L-3115 VT2PRO	92	16.7	240.1
Producers	5263 VT2RIB	92	15.7	238.8
<b>Mustang</b>	<b>0288</b>	<b>88</b>	<b>16.4</b>	<b>238.4</b>
Legacy	L-2836 3010	88	17.4	237.3
Legacy	L-3117 VT2PRO	91	16.4	236.8
Legend	LR 9891	91	16.2	236.3
<b>Integra</b>	<b>3577</b>	<b>95</b>	<b>16.5</b>	<b>236.2</b>
Latham	LH 3647 VT2P	86	16.1	235.7
Legacy	L-2817 VT2PRO	87	16.5	235.7
NuTech	X5BN-8905	89	16.3	235.5
Croplan	91-88	91	16.8	235.5
Latham	EX 3755 VT2P	87	16.3	235.4
Latham	LH 3877 VT2P	88	16.5	235.2
<b>Renegade</b>	<b>R1-1590</b>	<b>90</b>	<b>16.3</b>	<b>234.1</b>
Producers	4713 VT2RIB	87	16.4	233.8
Producers	4633 VT2RIB	86	16.7	233.3
Legend	LR 9886	86	16.9	232.0
<b>Proseed</b>	<b>1689</b>	<b>89</b>	<b>16.2</b>	<b>231.3</b>
Dekalb	DFKC37-86RIB	87	17.0	230.9
Channel	187-49VT2PRIB	87	16.8	230.6
NuTech	5N-290	90	16.3	230.6
Proseed	PX 790 VT2P	91	17.1	230.5
Dahlman	R45-28VT2PRIB	90	17.0	230.3
<b>Integra</b>	<b>4342</b>	<b>93</b>	<b>16.8</b>	<b>229.7</b>
Latham	LH 4242 VT2P	92	17.4	229.2
<b>Thunder</b>	<b>3390</b>	<b>90</b>	<b>16.0</b>	<b>228.8</b>
NuTech	5G-293	93	17.7	228.7
Integra	3718	87	16.8	228.0
Channel	186-31VT2PRIB	86	16.2	227.5
Thunder	6789 VT2P	89	16.2	227.1
Latham	LH 4147 VT2P	91	16.7	226.9
<b>Proseed</b>	<b>1687</b>	<b>87</b>	<b>15.8</b>	<b>226.3</b>
<b>Partners</b>	<b>PB5630</b>	<b>86</b>	<b>16.2</b>	<b>224.8</b>
Thunder	4791 RR	91	16.8	224.6
Dahlman	R44-25VT2PRIB	88	16.2	223.7
<b>Mustang</b>	<b>0291</b>	<b>91</b>	<b>16.4</b>	<b>223.2</b>
Integra	4122	91	16.3	222.8
Dairyland	DS-9686	86	16.0	222.6
Latham	EX 3695 VT2P	86	16.2	221.1
Mean			16.6	229.5
CV (%)			6.0	9.6
LSD 0.05			1.4	30.6
LSD 0.10			1.2	25.5

**Table 9. 2017 Corn - Central Zone, Conventional and GMO, Cass County, Late Maturing ( $\geq 86$ ) (Page 2 of 2).  
Authors, J. Ransom and D. Eisinger.**

<b>Company/Brand</b>	<b>Hybrid<sup>1</sup></b>	<b>RM</b>	<b>Grain Moisture</b>	<b>Grain Yield</b>
			(%)	(bu/a)
<b>TCG</b>	<b>TCG 405</b>	<b>89-93</b>	<b>16.5</b>	<b>221.0</b>
<b>Proseed</b>	<b>1392</b>	<b>92</b>	<b>17.1</b>	<b>221.0</b>
<b>Renegade</b>	<b>R1-1592</b>	<b>92</b>	<b>17.1</b>	<b>221.0</b>
Integra	3922	89	16.3	219.4
Latham	LH 4097 VT2P	90	16.2	218.7
Proseed	1689 VT2P	89	16.6	218.6
NuTech/G2	5F-091	91	16.5	218.0
Legacy	L-3017 VT2PRO	90	16.3	217.8
Producers	5043 VT2RIB	90	16.5	216.4
Latham	EX 3937 VT2P	89	17.0	216.0
<b>Proseed</b>	<b>1190</b>	<b>91</b>	<b>16.5</b>	<b>214.3</b>
Dairyland	DS-6091	91	16.1	213.1
Legacy	L-2916 VT2PRO	88	16.4	210.4
Legacy	L-2847 VT2PRO	87	16.1	206.8
<b>Mustang</b>	<b>0292</b>	<b>92</b>	<b>16.6</b>	<b>198.2</b>
Mean			16.0	221.2
CV (%)			6.0	9.6
LSD 0.05			1.4	30.6
LSD 0.10			1.2	25.5

<sup>1</sup>Conventional hybrids are indicated in bold.

**Table 10. 2017 Corn - Average of North Locations (Grand Forks and Marshall Counties), Early Maturing ( ≤80).**

Authors, J. Ransom and D. Eisinger.

Company/Brand	Hybrid	RM <sup>1</sup>	Grain		Grain Yield			
			Moisture <sup>2</sup>	Lodging	G. F.	Marshall	Average <sup>3</sup>	2-yr. Avg.
			(%)	(%)	------(bu/a)-----			
NuTech/G2	5F-379	79	16.6	0.4	217.2	218.8	218.0	194.2
Peterson	71C80	80	16.9	0.2	210.4	207.6	209.0	186.2
Legacy	L-1943 VT2PRO	80	16.7	0	200.8	213.1	206.9	--
REA	1B790	79	16.1	0.2	208.4	205.1	206.8	192.4
Legend	LR 9778	78	16.4	0	210.4	201.7	206.0	--
Legacy	L-2213 VT2PRO	80	16.9	0.1	200.0	209.8	204.9	193.9
Legacy	L-1814 VT2PRO	79	16.8	0.2	203.8	204.0	203.9	195.4
Latham	LH 2937 VT2P	79	16.5	0	203.0	196.5	199.8	--
Proseed	1280 RR	80	17.0	0	198.8	200.2	199.5	--
Partners	PB5030GT	80	17.0	0.1	197.7	199.7	198.7	196.0
Legacy	L-1746 VT2PRO	78	16.3	1.0	199.0	198.2	198.6	--
Thunder	6880 VT2P	80	16.0	0	198.0	194.3	196.2	--
Proseed	1480 VT2P	80	16.7	0	195.3	196.4	195.9	--
Proseed	1378 VT2P	78	17.0	1.4	190.7	198.2	194.5	--
Legend	LR 9774	74	15.4	0	192.1	193.9	193.0	--
Thunder	7578 VT2P	78	17.2	0.7	189.8	188.5	189.2	174.4
NuTech/G2	5F-775	75	16.8	0.4	189.2	186.6	187.9	178.0
Thunder	4578 RR	78	16.7	2.6	184.5	184.5	184.5	--
Partners	PB4833RR	78	17.8	0.2	190.7	176.4	183.6	180.7
Integra	2803 VT2PRIB	78	17.1	0.2	185.7	178.0	181.9	--
Proseed	1278 GT	78	16.8	5.4	177.5	168.1	172.8	--
Mean			16.7	0.9	196.3	195.0	195.7	--
CV (%)			2.1	174	6.3	5.7	3.5	--
LSD 0.05			0.7	4.0	18.6	17.3	14.4	--
LSD 0.10			0.6	3.3	15.5	14.5	11.8	--

<sup>1</sup>Relative maturity as given by company.<sup>2</sup>Average of all locations.<sup>3</sup>Combined means may not equal numeric means of individual location as statistical methods were used for the combined analysis that adjusted means to account for within and between trial variability.

**Table 11. 2017 Corn - Average of North Locations (Grand Forks and Marshall Counties), Late Maturing (≥81).  
Authors, J. Ransom and D. Eisinger.**

Company/Brand	Hybrid	RM <sup>1</sup>	Grain		Grain Yield			
			Moisture <sup>2</sup> (%)	Lodging (%)	G. F.	Marshall	Average <sup>3</sup> -----(bu/a)-----	2-yr. Avg.
NuTech/G2	X5FN-8504	85	18.8	1.0	238.2	229.1	233.7	--
Channel	185-15VT2PRIB	85	18.5	0.1	232.3	227.2	229.8	217.0
REA	2B840	84	16.9	1.7	227.7	223.0	225.3	213.1
Stine	9202	85	18.6	0.4	225.1	223.7	224.4	--
Latham	LH 3487 VT2P	84	17.2	1.9	224.2	221.9	223.1	--
Dahlman	R43-26VT2PRIB	85	17.1	0	213.6	227.4	220.5	211.1
Legend	LR 9882	82	16.8	0	217.3	216.6	216.9	--
Thunder	6785 VT2P	85	17.1	0.3	216.5	216.7	216.6	207.4
Peterson	78A82	82	17.1	0.7	214.3	217.5	215.9	--
Legacy	L-2314 VT2PRO	83	17.7	1.9	213.4	217.0	215.2	--
Latham	LH 3547 VT2P	85	17.9	0.4	211.4	215.6	213.5	--
Dairyland	DS-9686	86	18.7	0.5	215.7	210.3	213.0	219.2
Integra	3537 VT2PRIB	85	18.4	0.7	210.3	215.6	212.9	--
Legacy	L-2516 VT2PRO	84	17.8	1.1	206.6	217.8	212.2	--
Thunder	4585 RR	85	17.6	7.1	215.5	208.2	211.8	205.1
Dahlman	R41-22VT2PRIB	82	17.1	1.3	207.9	215.3	211.6	205.4
Legacy	L-2245 VT2PRO	82	16.9	1.2	207.7	215.5	211.6	206.8
Proseed	1385 VT2P	85	18.2	0.2	210.0	212.6	211.3	206.8
Thunder	6882 VT2P	82	17.0	1.2	214.5	206.3	210.4	--
Croplan	2330VT2P/RIB	83	17.4	4.7	204.0	214.7	209.4	--
Delalb	DKC33-78	83	17.3	0	203.8	213.4	208.6	--
NuTech	5N-183	83	16.9	5.2	231.9	184.3	208.1	--
REA	1B811	81	16.5	0.8	205.6	210.4	208.0	--
Proseed	1483 VT2P	83	16.7	5.8	208.9	206.6	207.7	199.1
REA	1B820	82	17.4	0.2	208.1	206.5	207.3	196.8
Proseed	1384 VT2P	84	17.3	0.3	208.1	205.5	206.8	--
NuTech	X5GN-8105	81	17.1	0.5	206.4	206.2	206.3	--
Legacy	L-2436 3220	84	16.7	0.1	204.5	207.7	206.1	--
NuTech	5GN-8484	84	17.0	0.2	210.1	201.4	205.7	--
Latham	LH 3397 VT2P	83	17.2	0.6	195.7	213.3	204.5	--
Latham	LH 3117 VT2P	81	18.0	0.5	203.1	205.7	204.4	--
Stine	9101	83	17.7	0	211.1	197.3	204.2	--
Channel	181-11VT2PRIB	81	16.0	4.3	206.6	201.3	204.0	--
Partners	PB5203-3000GT	82	18.7	1.9	210.1	196.2	203.1	205.6
Thunder	4383 VT2P	83	17.0	0.6	187.6	209.4	198.5	191.5
Peterson	71D83	81	17.7	0.2	188.4	205.8	197.1	196.8
Dairyland	DS-7185	85	17.1	0.3	194.8	195.8	195.3	--
Channel	182-62VT2PRIB	82	17.3	2.5	197.2	192.3	194.8	193.5
Pioneer	7332R	82	16.5	0	185.9	200.8	193.3	--
Proseed	1383 GT	83	17.4	1.5	188.8	188.1	188.5	--
Proseed	1382 VT2P	82	18.6	5.0	193.8	175.7	184.7	186.9
Mean			17.4	1.4	209.2	209.2	209.2	--
CV (%)			2.1	174	6.3	5.7	3.5	--
LSD 0.05			0.7	4.0	18.6	17.3	14.4	--
LSD 0.10			0.6	3.3	15.5	14.5	11.8	--

<sup>1</sup>Relative maturity as given by company.

<sup>2</sup>Average of all locations.

<sup>3</sup>Combined means may not equal numeric means of individual location as statistical methods were used for the combined analysis that adjusted means to account for within and between trial variability.

**Table 12. 2017 Corn - North Zone, Conventional and GMO, Grand Forks County, Early Maturing ( ≤80).**  
**Authors, J. Ransom and D. Eisinger.**

Company/Brand	Hybrid <sup>1</sup>	RM	Grain		Grain
			Moisture	Lodging	Yield
			(%)	(%)	(bu/a)
NuTech/G2	5F-379	79	16.9	0.1	217.2
<b>Thunder</b>	<b>2780</b>	<b>80</b>	<b>16.1</b>	<b>0</b>	<b>214.4</b>
Legend	LR 9778	78	16.6	0.1	210.4
Peterson	71C80	80	16.6	0	210.4
REA	1B790	79	16.8	0.1	208.4
Legacy	L-1814 VT2PRO	79	17.0	0	203.8
Latham	LH 2937 VT2P	79	16.8	0	203.0
Legacy	L-1943 VT2PRO	80	16.6	0	200.8
Legacy	L-2213 VT2PRO	80	16.9	0	200.0
Legacy	L-1746 VT2PRO	78	16.9	0	199.0
Proseed	1280 RR	80	17.0	0	198.8
Thunder	6880 VT2P	80	16.5	0	198.0
Partners	PB5030GT	80	16.9	0	197.7
Proseed	1480 VT2P	80	16.9	0	195.3
Legend	LR 9774	74	15.5	0	192.1
Partners	PB4833RR	78	17.9	0.1	190.7
Proseed	1378 VT2P	78	17.2	0	190.7
Thunder	7578 VT2P	78	17.2	0	189.8
NuTech/G2	5F-775	75	16.8	0.1	189.2
<b>Proseed</b>	<b>1380</b>	<b>80</b>	<b>17.0</b>	<b>1.2</b>	<b>186.5</b>
Integra	2803 VT2PRIB	78	17.1	0	185.7
Thunder	4578 RR	78	16.8	0	184.5
Proseed	1278 GT	78	16.7	1.2	177.5
<b>TCG</b>	<b>TCG 225</b>	<b>79-82</b>	<b>17.6</b>	<b>0.1</b>	<b>177.1</b>
Mean			16.8	0.1	197.6
CV (%)			3.0	677	6.3
LSD 0.05			0.7	2.4	18.6
LSD 0.10			0.6	2.0	15.5

<sup>1</sup>Conventional hybrids are indicated in bold.

**Table 13. 2017 Corn - North Zone, Conventional and GMO, Grand Forks County, Late Maturing (≥81).  
Authors, J. Ransom and D. Eisinger.**

Company/Brand	Hybrid <sup>1</sup>	RM	Grain		Grain
			Moisture	Lodging	Yield
			(%)	(%)	(bu/a)
NuTech/G2	X5FN-8504	85	19.2	0.2	238.2
<b>Proseed</b>	<b>1083</b>	<b>83</b>	<b>18.4</b>	<b>0</b>	<b>233.6</b>
Channel	185-15VT2PRIB	85	18.1	0.1	232.3
NuTech	5N-183	83	17.6	0	231.9
REA	2B840	84	17.1	0	227.7
<b>Proseed</b>	<b>1684</b>	<b>84</b>	<b>17.2</b>	<b>1.1</b>	<b>227.0</b>
Stine	9202	85	18.7	0.1	225.1
Latham	LH 3487 VT2P	84	16.9	0.1	224.2
<b>Thunder</b>	<b>2784</b>	<b>84</b>	<b>18.5</b>	<b>0.1</b>	<b>223.3</b>
<b>Thunder</b>	<b>6184</b>	<b>84</b>	<b>18.7</b>	<b>0</b>	<b>222.9</b>
Legend	LR 9882	82	17.1	0.1	217.3
Thunder	6785 VT2P	85	17.0	0	216.5
Dairyland	DS-9686	86	19.2	0	215.7
Thunder	4585 RR	85	18.0	3.7	215.5
Thunder	6882 VT2P	82	17.0	0	214.5
Peterson	78A82	82	17.4	0	214.3
Dahlman	R43-26VT2PRIB	85	17.2	0	213.6
Legacy	L-2314 VT2PRO	83	18.0	1.4	213.4
Latham	LH 3547 VT2P	85	18.3	0	211.4
Stine	9101	83	18.1	0	211.1
Integra	3537 VT2PRIB	85	18.7	0	210.3
NuTech	5GN-8484	84	17.1	0.1	210.1
Partners	PB5203-3000GT	82	18.7	0	210.1
Proseed	1385 VT2P	85	17.8	0	210.0
Proseed	1483 VT2P	83	17.3	1.2	208.9
Proseed	1384 VT2P	84	17.1	0.3	208.1
REA	1B820	82	17.2	0	208.1
Dahlman	R41-22VT2PRIB	82	17.2	2.6	207.9
Legacy	L-2245 VT2PRO	82	17.2	0	207.7
<b>Proseed</b>	<b>1681</b>	<b>81</b>	<b>20.7</b>	<b>7.5</b>	<b>207.1</b>
Channel	181-11VT2PRIB	81	16.6	0.1	206.6
Legacy	L-2516 VT2PRO	84	17.7	0	206.6
NuTech	X5GN-8105	81	17.3	0.1	206.4
REA	1B811	81	16.8	0	205.6
<b>Renegade</b>	<b>R1-1685</b>	<b>85</b>	<b>18.3</b>	<b>1.3</b>	<b>204.7</b>
Legacy	L-2436 3220	84	17.0	0.2	204.5
Croplan	2330VT2P/RIB	83	17.9	2.5	204.0
Dekalb	DKC33-78	83	17.1	0	203.8
Latham	LH 3117 VT2P	81	17.8	0	203.1
<b>Proseed</b>	<b>1381</b>	<b>81</b>	<b>17.2</b>	<b>0</b>	<b>201.9</b>
Channel	182-62VT2PRIB	82	17.5	0.3	197.2
<b>Partners</b>	<b>CL520</b>	<b>82</b>	<b>19.1</b>	<b>0.2</b>	<b>195.7</b>
Latham	LH 3397 VT2P	83	17.2	1.1	195.7
Dairyland	DS-7185	85	17.1	0.2	194.8
Proseed	1382 VT2P	82	18.4	1.4	193.8
Proseed	1383 GT	83	17.5	0	188.8
Peterson	71D83	81	17.5	0.2	188.4
Thunder	4383 VT2P	83	17.1	0	187.6
Pioneer	7332R	82	16.6	0	185.9
<b>TCG</b>	<b>TCG 405</b>	<b>89-93</b>	<b>18.7</b>	<b>1.3</b>	<b>181.0</b>
Mean			17.7	0.5	209.5
CV (%)			3.0	677	6.3
LSD 0.05			0.7	2.4	18.6
LSD 0.10			0.6	2.0	15.5

<sup>1</sup>Conventional hybrids are indicated in bold.



**Table 14. 2017 Corn - Dryland - Carrington - Authors, M. Ostlie, B. Schatz and T. Indergaard (Page 1 of 2).**

Company/Brand	Hybrid	RM <sup>1</sup>	Grain	Test	Grain Yield	
			Moisture (%)	Weight (lb/bu)	2017 -----(bu/a)-----	2-yr. Avg.
NorthStar	NS 85-369	85	21.2	56.0	188.9	--
Legacy	L-3017	90	26.5	53.0	185.6	--
Latham	LH3877	88	21.2	56.4	182.7	169.7
Dairyland	DS-9686	86	20.4	56.6	181.1	167.1
Latham	LH3612	86	20.1	55.7	180.3	--
Mustang	3287VT2P	87	20.1	55.3	180.2	--
Legacy	L-3115	92	23.0	53.5	179.9	--
Legacy	L-2817	86	20.6	55.3	179.9	--
NorthStar	NS 87-545	87	21.6	54.2	179.7	--
Frontiersmen	090-H8VT2P	90	25.0	53.5	179.6	--
NuTech	5N-183	83	19.7	55.2	178.5	161.8
Proseed	PX689	89	21.2	54.2	178.4	--
Legacy	L-2847	87	22.6	53.6	178.0	--
Rob-See-Co	RC3834-3010	88	19.6	55.7	176.7	161.4
Rob-See-Co	RC3601-3011A	86	19.5	56.1	176.3	162.2
Channel	187-49	87	19.9	54.5	176.1	170.3
NorthStar	NS 88-124	88	21.5	54.1	175.7	--
Channel	185-15	85	20.4	56.0	175.5	159.9
Proseed	1385	85	21.7	56.1	175.5	160.0
Mustang	2290VT2P	90	21.9	54.0	174.8	--
Hefty	H3702	87	21.1	54.4	174.7	--
Latham	LH4147	91	22.8	52.9	174.5	--
Proseed	1483	83	18.9	55.7	174.5	145.9
Thunder	4585 RR	85	20.4	55.3	174.3	153.9
NuTech	X5BN8905	89	18.9	53.7	174.0	--
NuTech	5N-886	88	19.2	56.9	173.5	165.5
Integra	3718	87	23.4	53.9	173.4	--
Frontiersmen	087-E7VT2P	87	20.9	54.4	173.3	--
Legacy	L-2916	88	21.3	54.7	172.8	156.8
Channel	181-11	81	17.4	56.6	170.1	--
Integra	3325	83	19.6	55.3	169.5	155.3
Hefty	H3902	89	20.8	54.6	169.4	--
Hefty	H3302	83	18.8	54.9	169.1	--
Frontiersmen	091-C6VT2P	91	24.7	51.2	168.8	166.4
NorthStar	NS 84-350	84	19.3	56.7	168.0	--
REA	2B861	86	20.9	54.5	166.4	--
NorthStar	NS 86-194	86	20.0	55.6	166.3	153.7
Channel	189-29	89	21.2	55.0	165.5	--
NuTech	5GN8484	84	19.4	56.6	164.6	--
Mustang	2289VT2P	89	20.3	54.2	161.5	--
Latham	LH3695	86	22.2	54.1	161.4	--
Dairyland	EXP-08906	89	18.9	54.0	161.4	--
Rob-See-Co	RC3418-3220A	84	19.4	55.4	161.1	--
Proseed	1487	87	19.8	56.1	161.0	153.1
REA	2B840-RIB	84	19.3	54.4	158.6	149.8
Peterson	75K85	85	20.8	55.6	156.3	--
Legacy	L-2643	86	20.1	54.5	156.2	145.2
Dairyland	DS-7185	85	19.4	54.6	156.1	--
Integra	3142	81	18.8	57.0	154.2	129.6
Mean			20.4	55.2	165.9	153.0
CV %			6.3	1.8	8.1	--
LSD 0.05			1.5	1.2	15.7	--
LSD 0.10			1.8	1.4	18.7	--

**Table 14. 2017 Corn - Dryland - Carrington - Authors, M. Ostlie, B. Schatz and T. Indergaard (Page 2 of 2).**

Company/Brand	Hybrid	RM <sup>1</sup>	Grain	Test	Grain Yield	
			Moisture	Weight	2017	2-yr. Avg.
			(%)	(lb/bu)	----- (bu/a) -----	
Channel	182-62	82	18.7	56.4	153.7	133.5
Thunder	6882 VT2P	82	20.2	57.7	153.2	--
Integra	3537	85	19.8	55.5	153.2	150.6
Proseed	1383	83	18.4	54.8	153.0	--
Hefty	H3502	85	19.3	55.2	150.4	--
Legacy	L-2836	88	20.2	55.2	149.9	--
Latham	LH3487	84	19.6	55.5	148.1	--
Peterson	71D83	81	19.5	56.0	146.6	128.0
Hefty	H2802	78	17.5	56.9	146.0	--
REA	1B811	81	18.4	56.4	145.6	--
NorthStar	NS 83-538	83	19.1	56.1	145.5	--
Thunder	6785 VT2P	85	18.8	55.3	144.7	137.6
Integra	3236	82	19.3	55.8	138.5	134.9
Hefty	H3202	82	19.0	55.9	137.1	--
Peterson	79M93	83	20.2	55.9	129.1	--
Mean			20.4	55.2	165.9	153.0
CV %			6.3	1.8	8.1	--
LSD 0.05			1.5	1.2	15.7	--
LSD 0.10			1.8	1.4	18.7	--

Planting Date: May 3. Harvest Date: Oct. 17. Previous crop: barley.

<sup>1</sup>Relative maturity as given by industry.**Table 15. 2017 Corn - Dryland - Conventional - Carrington - Authors, M. Ostlie, B. Schatz and T. Indergaard.**

Company/Brand	Hybrid	RM <sup>1</sup>	Grain	Test	Grain Yield	
			Moisture	Weight	2017	2-yr. Avg.
			(%)	(lb/bu)	----- (bu/a) -----	
Mustang	0994CONV	94	16.7	52.8	151.2	--
Thunder	2784	84	14.7	56.2	150.8	135.9
Proseed	GX687	87	14.4	56.3	150.3	--
Proseed	GX684	84	14.0	55.5	149.8	--
Proseed	1083	83	13.9	55.3	149.1	--
Mustang	0288CONV	88	14.3	55.1	147.1	--
Dairyland	DS-1091	91	15.5	55.7	146.8	135.5
Latham	LH3877	88	14.1	55.9	145.3	--
Thunder	4585 RR	85	13.9	56.1	143.2	--
Proseed	PX689	89	14.1	55.1	143.0	--
Mustang	0292CONV	92	14.9	53.9	140.8	--
NorthStar	NS 86-194	86	14.2	55.7	140.7	--
REA	2C872	87	13.7	56.2	139.2	--
Proseed	1385	85	13.9	55.8	137.3	--
Proseed	GX681	81	16.0	57.2	132.3	--
Mean			14.5	55.5	144.5	135.7
CV %			3.8	0.9	7.0	--
LSD 0.05			0.8	0.7	NS	--
LSD 0.10			0.7	0.6	NS	--

Planting Date: May 3. Harvest Date: Nov. 3. Previous crop: barley.

<sup>1</sup>Relative maturity as given by industry.

**Table 16. 2017 Corn - Fingal (Carrington REC) - Authors, M. Ostlie, B. Schatz and T. Indergaard.**

Company/Brand	Hybrid	RM <sup>1</sup>	Grain	Test	Grain Yield	
			Moisture (%)	Weight (lb/bu)	2017	2-yr. Avg.
					----- (bu/a) -----	
NuTech/G2	5F-196	96	21.4	54.8	223.8	215.4
Channel	187-49	87	19.1	56.5	222.4	--
REA	3B910-RIB	91	19.0	57.2	221.4	--
Integra	3922	89	18.3	57.2	219.6	--
Proseed	PX689	89	19.0	56.8	218.6	--
NuTech/G2	5FB-5096	96	21.7	55.7	216.9	--
Renk	RK568VT3P	95	21.4	56.8	214.7	--
Mustang	2290VT2P	90	18.7	57.2	211.1	--
Mustang	3294VT2P	94	21.2	55.6	210.8	--
Legacy	L-3017	90	20.3	56.5	208.5	--
REA	2B861	86	18.2	57.2	206.8	--
Dairyland	DS-7294	94	20.6	55.6	206.0	197.7
Legacy	L-3416	94	21.3	56.1	205.8	207.2
Latham	LH3695	86	18.5	56.7	204.8	--
Channel	189-29	89	18.3	56.6	202.7	--
Latham	LH3877	88	18.6	57.1	202.1	203.9
Renk	RK433RR	92	21.3	55.7	198.7	202.2
Proseed	1591	91	19.8	56.1	198.7	--
Peterson	76Y96	96	22.0	56.1	197.8	--
Mustang	2289VT2P	89	19.4	57.1	197.3	--
Thunder	4585 RR	85	18.3	57.2	195.4	--
Latham	LH4242	92	22.3	56.0	194.8	193.8
Legacy	L3626	96	22.0	55.7	194.2	--
Channel	193-53	93	19.9	56.8	194.0	--
Legacy	L-3517	95	22.1	56.4	193.7	--
REA	3B902	90	19.7	55.0	192.7	--
Legacy	L-3011	90	19.9	55.0	192.3	--
Mustang	4296VT2P	96	21.8	55.4	191.9	--
Dairyland	DS-6091	91	20.2	57.0	190.4	--
Legacy	L-3115	92	19.4	56.0	189.5	188.1
NuTech	X5BN8905	89	19.3	56.4	189.2	--
Channel	195-18	95	20.1	57.6	188.0	--
Renk	RK408RR	90	19.5	55.2	187.9	193.2
Peterson	72A91	91	20.0	55.3	187.5	--
Peterson	77H87	87	18.4	57.5	186.8	188.0
Integra	4122	91	20.6	55.2	186.0	191.6
Dairyland	DS-7185	85	18.1	56.3	185.6	--
Dairyland	EXP-08906	89	19.8	56.8	185.0	--
Integra	4338	93	21.3	55.2	181.7	--
Dairyland	DS-9686	86	19.4	56.9	178.1	177.0
Dairyland	DS-9090SSX	90	20.5	54.9	177.7	--
Thunder	6882 VT2P	82	17.7	57.9	177.4	--
NuTech/G2	5F-894	94	20.0	54.5	172.2	192.4
Thunder	6785 VT2P	85	18.2	56.7	169.3	172.6
Latham	LH4147	91	20.2	55.5	168.1	182.0
NuTech	5G-293	93	20.5	54.8	164.3	181.0
Mean			19.9	56.2	195.6	190.8
CV %			3.5	1.3	10.8	--
LSD 0.05			1.0	1.0	29.2	--
LSD 0.10			0.8	0.9	24.5	--

Planting Date: May 12. Harvest Date: Nov. 8. Previous crop: soybean.

<sup>1</sup>Relative maturity as given by industry.

**Table 17. 2017 Corn - Irrigated - Carrington - Authors, M. Ostlie, B. Schatz and T. Indergaard.**

Company/Brand	Hybrid	RM <sup>1</sup>	Grain	Test	Grain Yield	
			Moisture (%)	Weight (lb/bu)	2017	2-yr. Avg. (bu/a)
NuTech	X5BN8905	89	17.9	56.9	248.6	--
Legacy	L-3017	90	18.4	56.2	248.2	--
Rob-See-Co	RC3601-3011A	86	17.8	56.9	238.5	199.8
Integra	3718	87	17.9	56.9	236.5	--
Legacy	L-3115	92	17.4	55.7	236.4	--
Renk	RK408RR	90	17.3	56.6	236.3	--
NuTech	5G-293	93	18.2	57.4	233.2	--
Legacy	L-2817	86	16.4	56.3	232.9	--
Latham	LH4147	91	18.1	55.4	231.6	198.7
Dairyland	DS-9686	86	17.2	56.6	231.0	197.3
Latham	LH3612	86	17.2	56.9	229.9	--
Innotech	IC4016-3010	90	17.3	57.1	229.3	--
Dairyland	DS-6091	91	17.9	58.2	228.8	--
Legacy	L-2836	88	17.0	55.5	226.1	--
Latham	LH3695	86	16.7	56.8	226.0	--
Renk	RK264VT2P	85	17.0	57.6	223.3	--
Renk	RK287VT2P	87	17.3	56.9	223.2	--
Legacy	L-2916	88	17.2	55.4	222.1	192.8
Rob-See-Co	RC3834-3010	88	17.5	55.9	221.6	175.3
Legacy	L-2847	87	17.3	56.9	220.4	--
Dairyland	EXP-08906	89	16.7	56.5	220.4	--
Latham	LH3877	88	17.1	56.4	220.1	190.7
Renk	RK299VT2P	88	16.9	57.1	219.5	--
Integra	3922	89	17.3	56.9	219.4	193.7
NuTech	5N-886	88	18.1	57.3	218.0	187.1
Proseed	1483	83	16.7	55.7	217.9	170.5
Renk	RK270RR	85	17.7	58.9	216.0	--
Proseed	1385	85	17.2	57.1	212.7	180.2
Proseed	1487	87	16.7	56.7	210.3	186.3
REA	2B861	86	17.0	56.6	210.1	--
Legacy	L-2643	86	16.8	57.1	210.0	186.9
Peterson	75K85	85	16.7	56.9	209.2	--
Proseed	PX689	89	17.3	56.8	208.8	--
Dairyland	DS-9090SSX	90	18.0	55.9	208.1	--
Integra	3537	85	16.9	57.2	205.9	182.2
Rob-See-Co	RC3418-3220A	84	16.8	56.0	201.6	--
Dairyland	DS-7185	85	17.1	55.7	201.5	--
NuTech	5GN8484	84	17.0	56.3	200.4	--
Latham	LH3487	84	16.5	55.4	199.7	--
REA	2B840-RIB	84	16.7	56.0	197.0	171.0
REA	1B811	81	15.9	56.2	189.9	--
Peterson	71D83	81	16.9	58.2	189.8	156.9
Peterson	79M93	83	17.0	57.0	185.2	--
Proseed	1383	83	16.1	55.8	183.8	--
Mean			17.2	56.6	217.5	184.6
CV %			2.9	1.6	7.9	--
LSD 0.05			0.7	1.2	23.9	--
LSD 0.10			0.6	1.0	20.0	--

Planting Date: May 4. Harvest Date: Nov. 14. Previous crop: soybean.

<sup>1</sup>Relative maturity as given by industry.

**Table 18. 2017 Corn - Oakes (Carrington REC) - Authors, K. Cooper, L. Besemann and H. Eslinger.**

Company/Brand	Hybrid	RM <sup>1</sup>	Grain	Test	Grain Yield	
			Moisture (%)	Weight (lb/bu)	2017 (bu/a)	2-yr. Avg. (bu/a)
Channel	197-50	97	20.2	56.3	215.6	228.1
Mustang	4297VT2P	97	20.6	55.7	215.2	--
Legacy	L3816	99	23.3	55.7	213.9	--
Channel	201-28	101	20.2	56.2	212.5	--
Peterson	78B98	98	19.9	55.8	211.0	--
Proseed	1595	95	17.9	58.1	206.6	--
Dairyland	DS-9599	99	21.6	54.5	202.0	210.0
NuTech/G2	5FB-5096	96	20.3	56.6	200.5	--
Frontiersmen	094-D7VT2P	94	18.8	56.2	200.2	--
Peterson	77P94	94	19.3	56.2	199.5	221.3
Latham	LH4919	99	21.5	56.3	198.9	--
Thunder	6798 VT2P	98	18.6	55.9	198.3	--
Legacy	L-3712	96	21.0	56.8	197.4	--
Legacy	L-3416	94	18.7	56.2	197.0	212.7
Mustang	3294VT2P	94	19.3	56.4	195.7	--
Channel	193-53	93	17.9	57.6	195.6	214.7
NuTech/G2	5F-196	96	18.3	55.6	195.3	218.4
Latham	LH4437	94	18.8	56.5	194.9	215.2
Renk	RK433RR	92	16.9	56.3	194.6	--
Innotech	IC4521-3110A	95	16.6	57.2	193.4	--
Latham	LH4727	97	18.6	55.8	192.8	217.9
Mustang	4295CT2P	95	19.8	57.4	192.0	--
Legacy	L3916	99	19.5	56.9	191.3	--
Proseed	1598	98	20.3	55.1	190.5	--
Frontiersmen	095-R4VT2P	95	21.0	56.8	189.9	--
Latham	LH4645	96	17.7	56.7	189.3	--
Legacy	L-3517	95	19.5	57.3	189.0	--
Legacy	L3715	96	18.4	57.5	188.3	199.4
Frontiersmen	097-R8VT2P	97	19.1	56.7	188.2	--
Peterson	81W95	95	17.3	56.6	186.9	203.9
Peterson	76S92	96	17.5	57.0	186.2	205.3
Integra	4342	93	18.2	57.1	185.6	--
Proseed	16101	101	21.8	55.9	185.6	--
Thunder	6791 VT2P	91	17.8	56.9	185.6	216.5
Proseed	GX695	95	17.4	57.3	185.3	--
Thunder	4600 RR	100	21.1	55.5	184.8	--
Rob-See-Co	RC4915-3120	99	21.0	51.9	184.0	--
Dairyland	DS-7294	94	17.3	57.4	183.6	208.7
Channel	195-18	95	19.9	58.5	183.4	205.5
Rob-See-Co	RC4343-3110A	93	17.3	57.7	182.5	211.1
Innotech	IC4730-3010	97	21.3	56.5	181.9	197.8
NuTech/G2	5F-198	98	18.0	54.0	181.5	--
Mustang	4296VT2P	96	19.1	57.4	179.7	--
Rob-See-Co	RC4453-3110	94	17.4	56.9	178.0	--
Legacy	L3626	96	19.0	56.1	176.8	--
Dairyland	EXP-08906	89	15.5	57.0	176.1	--
Renk	RK568VT3P	95	19.7	57.3	172.9	201.7
NuTech/G2	5F-894	94	16.6	57.0	172.2	204.1
Mean			19.2	56.3	191.2	209.7
CV %			3.7	1.0	6.6	--
LSD 0.05			1.0	0.8	17.8	--
LSD 0.10			0.8	0.6	14.9	--

Planted: May 8. Harvested: Oct. 25 and 26. Previous crop: soybean.

<sup>1</sup>Relative maturity as given by industry.

**Table 19. 2017 Corn - Irrigated - Oakes (Carrington REC) - Authors, K. Cooper, L. Besemann and H. Eslinger.**

Company/Brand	Hybrid	RM <sup>1</sup>	Grain	Test	Grain Yield	
			Moisture (%)	Weight (lb/bu)	2017	2-yr. Avg.
					------(bu/a)-----	
Latham	LH4919	99	22.2	57.6	316.6	--
Channel	201-28	101	20.3	56.8	307.5	--
NuTech/G2	5F-198	98	18.9	53.8	306.4	291.9
Innotech	IC4688-3120	96	19.3	56.9	304.8	--
Rob-See-Co	RC4915-3120	99	21.8	53.0	304.7	--
Proseed	16101	101	21.9	57.3	304.3	--
Channel	195-18	95	22.0	57.8	299.8	--
Legacy	L-3517	95	20.7	58.4	298.6	--
Dairyland	DS-7294	94	18.9	59.2	298.5	--
NuTech/G2	5F-196	96	19.9	55.1	296.6	282.0
Legacy	L3626	96	20.2	56.6	295.1	--
Legacy	L3816	99	22.1	55.7	291.2	--
Latham	LH4727	97	19.1	57.1	291.1	283.3
NuTech/G2	5FN-7099	99	22.3	52.7	289.7	--
Proseed	GX695	95	19.5	59.0	289.6	--
Proseed	1598	98	19.2	56.9	289.3	--
Dairyland	DS-9599	99	21.0	56.8	289.1	272.8
REA	5A982-RIB	98	21.3	57.7	288.3	263.0
Rob-See-Co	RC4453-3110	94	18.7	59.1	287.7	--
Rob-See-Co	RC4343-3110A	93	18.5	58.7	287.6	271.4
Channel	197-50	97	20.5	57.5	287.4	--
Legacy	L3916	99	20.3	58.0	287.3	--
Peterson	78B98	98	20.8	56.7	284.5	--
Innotech	IC4521-3110A	95	18.5	58.2	283.8	--
Latham	LH4437	94	19.8	57.2	282.9	--
REA	4B931-RIB	93	19.2	57.0	282.2	264.8
Peterson	81W95	95	19.5	56.9	282.0	--
REA	4B973	97	19.1	58.6	280.1	--
Latham	LH4645	96	19.2	57.5	279.2	--
Legacy	L-3712	96	19.9	58.3	275.9	--
Peterson	77P94	94	19.7	57.2	275.7	253.3
Renk	RK433RR	92	19.3	58.0	275.5	--
Channel	193-53	93	18.1	58.5	271.8	258.2
Renk	RK566SSTX	94	19.5	57.7	270.0	256.0
Renk	RK522SSTX	94	19.9	56.8	268.0	256.5
Legacy	L3715	96	19.2	58.0	266.9	259.7
Legacy	L-3416	94	19.5	57.5	266.2	249.6
Renk	RK568VT3P	95	20.6	57.8	265.2	259.9
Dairyland	DS-6091	91	19.5	58.7	264.4	--
Peterson	76S92	96	19.1	58.4	262.7	251.0
Integra	4652	96	20.0	58.5	262.5	--
Proseed	1595	95	19.3	58.7	261.3	--
NuTech/G2	5FB-5096	96	20.9	56.7	256.0	--
Dairyland	DS-9090SSX	90	17.1	57.0	245.3	--
Mean			19.9	57.3	283.5	264.9
CV %			4.5	1.0	5.1	--
LSD 0.05			1.3	0.8	20.2	--
LSD 0.10			1.0	0.7	16.9	--

Planted: May 5. Harvested: Oct. 25. Previous crop: soybeans.

<sup>1</sup>Relative maturity as given by industry.

**Table 20. 2017 Corn - Dryland - Langdon - Authors, B. Hanson, T. Hakanson and L. Henry.**

Company/Brand	Hybrid	RM <sup>1</sup>	Grain	Test	Grain Yield	
			Moisture (%)	Weight (lb/bu)	2017 -----(bu/a)-----	2-yr. Avg.
Mustang	2278 VT2P RIB	78	29.4	54.0	189.9	--
Integra	3142 VT2PRIB	81	28.5	53.7	189.7	--
NuTech/G2	5F-775	75	26.9	51.6	189.5	--
Legacy	L-1713 RR2	77	27.1	52.9	188.9	--
Proseed	1480	80	27.4	53.5	188.8	169.3
Hefty	H2801RR2	78	25.7	51.9	186.3	--
Pioneer	P7227R	72	25.2	54.1	185.5	--
Legacy	L-1814 VT2PRO	79	28.7	53.3	185.1	167.9
NuTech/G2	5F-379	79	28.3	52.1	184.0	180.2
NuTech	X5GN-8105	81	30.7	55.7	183.8	--
Peterson	78A82	81	28.9	54.0	181.7	--
Thunder	4578 RR	78	27.1	52.9	180.8	168.8
Mustang	2081 RR	81	28.9	53.8	179.8	--
Allegiant	7868 VT2P	78	25.9	52.4	179.6	--
Proseed	1377	77	26.4	54.2	179.4	--
Pioneer	P7332R	73	25.8	52.4	178.8	170.0
Rob-See-Co	IC 2701	77	25.4	53.7	178.5	--
Legacy	L-1943 VT2PRO	80	27.2	53.5	177.9	--
Channel	181-11VT2PRIB	81	26.4	52.7	176.8	--
NuTech	X5GN-7603	76	25.9	53.3	176.1	--
Integra	2601 VT2 PRO	76	27.7	55.0	175.6	--
Proseed	1378	78	27.6	51.4	175.2	165.5
Peterson	71D83	81	30.0	54.6	174.7	--
Legacy	L-1746 VT2PRO	78	29.8	53.9	170.0	--
Mustang	1276 VT2P RIB	76	27.9	55.1	169.9	--
Legacy	L-2213 VT2PRO	80	26.4	53.1	168.0	163.5
Rob-See-Co	IC 2862	78	28.8	56.4	163.5	--
Rob-See-Co	IC 2925	79	26.6	55.2	163.2	--
Proseed	1280	80	29.7	55.3	163.1	149.7
Allegiant	8280 VT2P	81	29.4	53.8	160.6	--
Proseed	1278	78	26.5	51.6	158.4	--
Channel	177-25VT2PRIB	77	29.6	55.0	158.4	--
Integra	2803 VT2PRIB	78	30.0	53.5	158.2	165.1
Hefty	H2512VT2	75	26.3	55.8	156.0	--
Thunder	7578VT2P	78	28.6	52.5	155.6	--
Allegiant	7404 VT2P	74	25.1	55.5	154.2	--
Integra	2508 VT2P	75	26.5	54.9	153.2	--
Mustang	1079 RR	79	30.4	55.7	152.5	--
Thunder	6874 VT2P	74	26.2	55.6	151.0	--
Mustang	1279 VT2P	79	29.9	54.7	149.0	--
Mean			27.7	53.9	171.9	166.3
CV %			5.2	1.6	7.9	--
LSD 0.05			2.3	1.4	22.2	--
LSD 0.10			2.0	1.2	18.5	--

Planted: May 4. Harvested: Oct. 19.

<sup>1</sup>Relative maturity as given by industry.

**Table 21. 2017 Corn - Minot (North Central REC) - Authors, E. Eriksmoen and J. Effertz.**

Company/Brand	Hybrid	RM <sup>1</sup>	Grain	Test	Grain Yield	
			Moisture (%)	Weight (lb/bu)	2017 -----(bu/a)-----	2-yr. Avg.
Legacy	L-2314 VT2P	83	16.0	54.9	164.2	154.0
Legacy	L-2546 RR2	79	18.3	55.6	158.0	--
Legacy	L-2516 VT2P	84	19.0	54.9	152.3	--
Hefty	H3302	83	16.4	54.7	145.9	155.6
Legacy	L-1943 VT2P	81	17.2	57.5	145.7	--
NuTech	5N-886	86	18.1	55.6	143.6	157.9
Legacy	LS-1814 VT2P	79	16.0	56.2	143.1	148.4
Integra	3142	81	14.8	56.4	142.9	135.0
NuTech	X5GN-8105	81	17.9	56.0	142.9	--
Integra	3537	85	19.4	53.3	142.5	147.2
Proseed	1480	80	15.3	56.0	141.6	136.5
Legacy	L-1713 RR2	78	16.1	55.5	140.7	--
Legacy	L-2245 VT2P	82	16.7	56.0	139.9	151.3
Legacy	L-2213 VT2P	81	15.4	56.4	139.0	139.7
NuTech/G2	5F-775	75	14.5	54.5	138.6	142.9
NuTech	X5FN-8504	85	19.4	54.7	138.3	--
Hefty	H3502	85	18.5	54.5	138.0	--
Proseed	1377	77	17.2	56.9	138.0	--
Proseed	1280	80	17.5	57.3	137.9	132.6
NuTech	5N-183	83	19.4	57.3	137.9	175.6
NuTech/G2	5F-379	79	18.3	56.9	137.0	159.0
Peterson	78A82	82	17.2	56.1	136.5	--
Integra	3236	82	17.4	56.8	134.6	140.2
Proseed	1378	78	15.6	55.8	131.4	--
Thunder	6882 VT2P	82	17.9	58.1	131.2	--
Hefty	H3202	82	18.4	56.2	129.8	140.3
Thunder	4383 VT2P	83	16.9	57.7	129.4	--
Hefty	H2602	76	17.0	57.5	129.3	135.1
Hefty	H2512	75	15.6	58.0	127.2	--
Thunder	4578 RR	78	16.4	56.9	126.3	--
Thunder	6880 VT2P	80	14.8	56.8	125.5	--
Legacy	LS-1746 VT2P	78	15.1	57.9	125.1	--
Proseed	1278	78	15.6	52.7	124.5	--
Peterson	71C80	80	18.9	57.6	122.4	130.5
NuTech	5GN-8484	84	15.2	54.2	121.3	153.4
Hefty	H2802	78	15.4	55.6	120.7	137.9
Legacy	L-2436 3220	84	16.6	55.9	120.4	--
Thunder	6874 VT2P	74	15.5	58.4	119.7	--
Integra	2601	76	17.1	58.2	119.5	--
Peterson	71D83	81	16.7	55.4	117.5	132.8
Integra	2803	78	17.2	54.7	116.0	130.0
NuTech	X5GN-7603	76	14.4	55.5	112.4	--
Mean			17.0	56.1	134.0	144.6
CV %			10.7	2.3	8.1	--
LSD 0.05			3	2.1	18	--
LSD 0.10			2	1.8	15	--

Planted: May 12. Harvested: Oct. 21.

<sup>1</sup>Relative maturity as given by industry.



**Table 22. 2017 Corn - Dryland - Williston - Authors, J. Bergman, G. Pradhan, A. Link and E. Link.**

Company/Brand	Hybrid	RM <sup>1</sup>	Test	Grain Yield	
			Weight (lb/bu)	2017	2-yr. Avg.
				------(bu/a)-----	
Thunder	6880 VT2P	80	52.4	76.6	--
Thunder	4578 VT2P	78	52.3	73.8	--
Integra	3142	81	52.8	73.1	59.9
Thunder	6874 VT2P	74	57.0	68.9	--
Integra	3537	85	49.6	66.4	59.7
Mean			52.8	71.8	59.8
CV %			1.0	4.5	--
LSD 0.05			0.8	5.0	--
LSD 0.10			0.6	4.1	--

Planted: June 5. Harvested: Oct. 11. Previous crop: durum.

<sup>1</sup>Relative maturity as given by industry.**Table 23. 2017 Corn - Irrigated - Williston - Authors, J. Jacobs and T. Tjelde.**

Company/Brand	Hybrid	RM <sup>1</sup>	Test	Grain Yield	
			Weight (lb/bu)	2017	2-yr. Avg.
				------(bu/a)-----	
REA	2B861	86	54.9	231.6	--
REA	2B840-RIB	84	55.7	229.3	222.4
REA	1B811	79	55.6	227.5	--
Integra	3537	85	54.5	218.7	221.6
Integra	3718	87	55.2	211.5	--
REA	1B790-RIB	79	56.8	199.3	198.4
Rob-See-Co	IC 2862-3110	78	55.1	197.0	--
Rob-See-Co	IC 2925-3110	79	55.7	190.1	--
Rob-See-Co	IC 2701-3110	77	56.0	182.6	--
Integra	2803	78	54.7	181.5	188.2
Mean			55.4	206.9	207.6
CV %			0.9	11.8	--
LSD 0.05			0.7	35.3	--
LSD 0.10			0.6	29.3	--

Planted: May 16. Harvested: Oct. 31. Previous crop: durum.

<sup>1</sup>Relative maturity as given by industry.

**Table 24. 2017 Corn - Hettinger - Author, J. Rickertsen.**

Company/Brand	Hybrid	RM <sup>1</sup>	Grain Moisture (%)	Test Weight (lb/bu)	Grain Yield	
					2017	2-yr. Avg.
					----- (bu/a) -----	
Legacy	L-2516	85	12.4	44.8	65.5	101.5
Proseed	PX 787	87	13.8	44.5	63.1	--
Proseed	1483	83	10.4	44.7	58.9	--
Integra	3325	83	25.2	44.9	58.7	95.2
Legacy	L-2847	87	21.0	42.2	57.5	--
Integra	3537	85	16.3	42.1	56.0	93.2
Legacy	L-2643	86	13.5	43.2	54.8	--
Proseed	1185	85	12.7	41.6	54.6	--
Proseed	1384	84	11.3	46.5	53.7	85.9
Legacy	L-2817	87	14.6	42.4	51.9	--
Legacy	L-2314	83	12.1	44.0	49.5	--
Proseed	1480	80	10.7	46.3	47.0	--
Proseed	1383	83	11.6	44.1	46.1	90.1
Integra	3142	81	13.4	45.4	43.1	--
Integra	2803	78	12.8	46.1	40.9	--
Proseed	1278	78	15.0	45.4	40.1	--
Mean			14.2	44.3	52.6	93.2
CV %			21.1	3.0	15.3	--
LSD 0.05			4.3	1.9	11.4	--
LSD 0.10			3.6	1.6	9.5	--

Planted: May 19. Harvested: Oct. 27. Previous crop: spring wheat.

<sup>1</sup>Relative maturity as given by industry.



**For more information on this and other topics, see [www.ag.ndsu.edu](http://www.ag.ndsu.edu)**

NDSU encourages you to use and share this content, but please do so under the conditions of our Creative Commons license. You may copy, distribute, transmit and adapt this work as long as you give full attribution, don't use the work for commercial purposes and share your resulting work similarly. For more information, visit [www.ag.ndsu.edu/agcomm/creative-commons](http://www.ag.ndsu.edu/agcomm/creative-commons).

County commissions, North Dakota State University and U.S. Department of Agriculture cooperating. NDSU does not discriminate in its programs and activities on the basis of age, color, gender expression/identity, genetic information, marital status, national origin, participation in lawful off-campus activity, physical or mental disability, pregnancy, public assistance status, race, religion, sex, sexual orientation, spousal relationship to current employee, or veteran status, as applicable. Direct inquiries to Vice Provost for Title IX/ADA Coordinator, Old Main 201, NDSU Main Campus, 701-231-7708, [ndsu.eoaa.ndsu.edu](mailto:ndsu.eoaa.ndsu.edu). This publication will be made available in alternative formats for people with disabilities upon request, 701-231-7881.