

POST HARVEST



Sunrise
COOPERATIVE
Success grows here.



Knowing your field better than you do is how Sunrise Cooperative continues to provide exceptional service to its member-owners. The knowledge and services that the Sunrise Precision Solutions (SPS) team provides is organized around research, data management, innovation and equipment services.

The initiation of the SPS team at Sunrise continually drives home a high level of service and commitment to our customers. With a multifaceted group of precision solutions specialists, the Sunrise Precision Solutions team provides top technology knowledge and service on a daily basis.

The SPS team looks forward to enhancing our partnerships with our member-owners and providing you with the knowledge, service and equipment to turn data into insights, and insights into value based decisions.

Research ■ Data Management ■ Equipment ■ Innovation

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Aspire[®] Trial



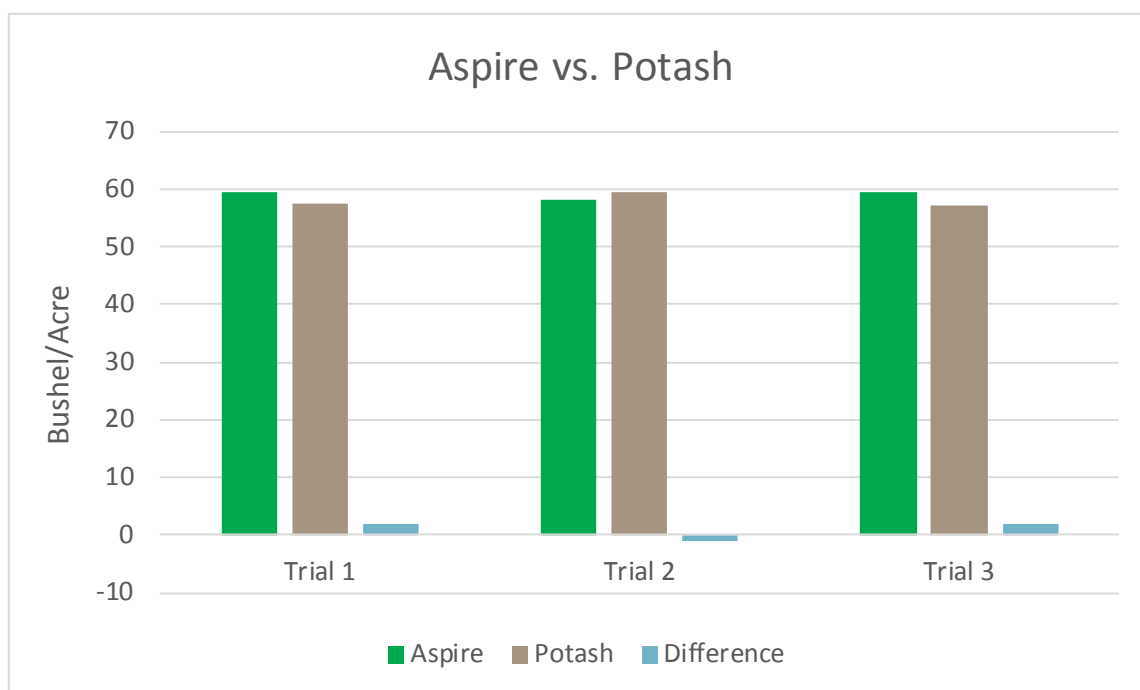
ABSTRACT: Aspire[®] is the first of-its-kind micronutrient-enhanced potash fertilizer. Aspire premium potash with Boron combines Potassium and Boron in each granule to achieve uniform nutrient distribution, increased yields and meet the growing need for micronutrients in crops like corn, soybeans, alfalfa and cotton.

TRIAL INFORMATION: Growers could apply Aspire in either a pre-plant or in-crop application. For both trials, Aspire rates were anywhere from 100-150 pounds/acre with an equal amount of K applied with Potash.

Type of Application	Timing
Pre-Plant	at least 2 weeks prior to planting
In-Crop	Corn: V4-V5 Soybeans: before flowering



	Crop	Type of Application	Aspire	Potash	Aspire Advantage
Trial 1	Soybeans	Pre-Plant	59.51	57.42	+2.09
Trial 2	Soybeans	Pre-Plant	58.31	59.46	-1.15
Trial 3	Soybeans	In-Crop	59.35	57.28	+2.07



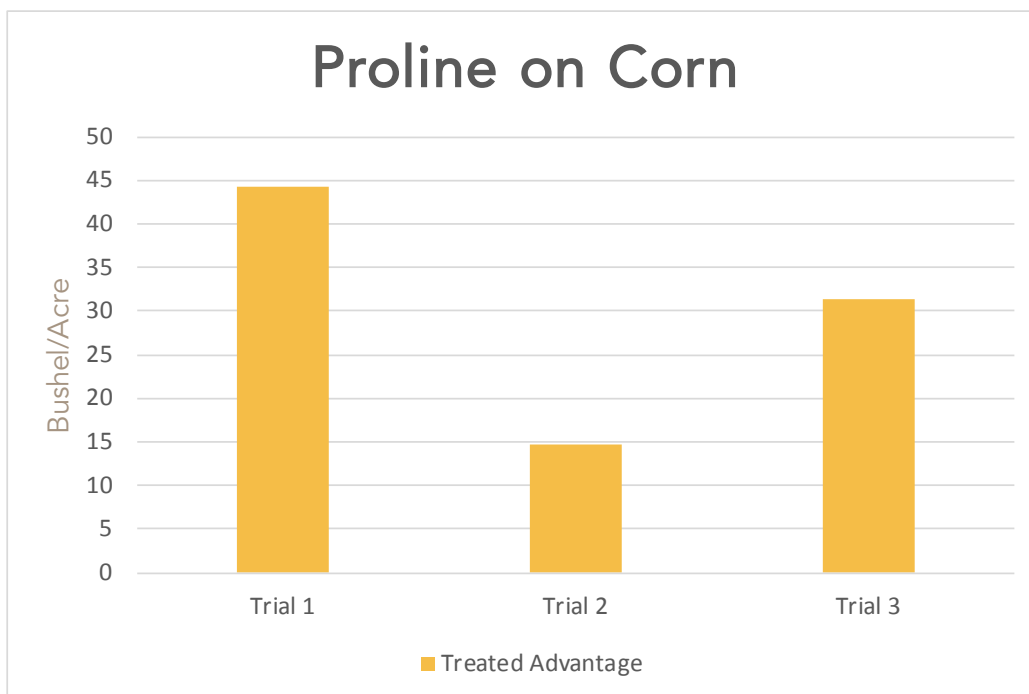
Proline® Trial

ABSTRACT: Proline® fungicide is a powerful tool that provides outstanding broad-spectrum disease control in multiple crops, while helping to preserve quality for enhanced yield and profit.

TRIAL INFORMATION:

- Corn: applied @ R1 @ 5 ounces/acre

Trial	Treated Yield	Untreated Yield	Treated Advantage
Trial 1	230.3	186.1	44.2
Trial 2	229.4	214.6	14.8
Trial 3	222.2	190.8	31.4



Delaro™ Trial



MAXIMIZING THE VALUE OF FOLIAR FUNGICIDES

ABSTRACT: Delaro™ is a broad-spectrum fungicide that delivers exceptional and long-lasting control of all major stem, pod and leaf diseases, providing higher yields and improved quality. With two highly dynamic and complementary active ingredients, prothioconazole (Group 3) and trifloxystrobin (Group 11), Delaro will set the new standard in pulse and soybean disease control.

Delaro on Soybeans

TRIAL INFORMATION: 2 different trials tested

- Early Application (V4-V5) @ 4 ounces/acre
- Late Application (VT-R1) @ 8 ounces/acre



	Treated Yield	Untreated Yield	Treated Advantage
Trial 1	70.5	67.68	2.82
Trial 2	56.74	53.96	2.78
Trial 3	67.97	67.69	0.28
Trial 4	69.67	64.8	4.87
Trial 5	74.85	70.42	4.43
Trial 6	70.13	70.67	-0.54
Trial 7	70.33	67.36	2.97
Trial 8	62.63	56.48	6.15
Trial 9	71.26	69.71	1.55

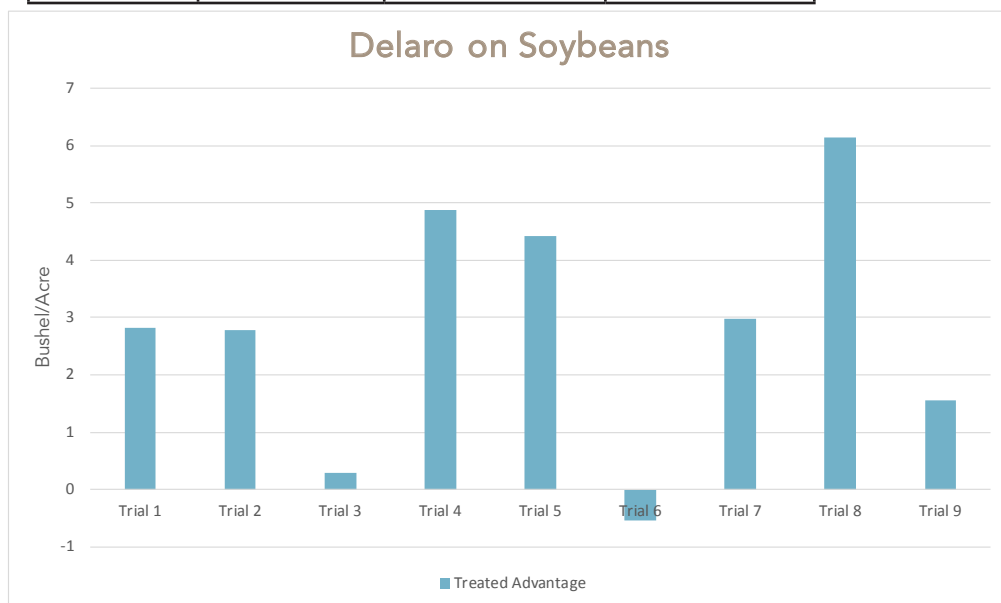
3.23 Bu/Ac Average Advantage of Wins

2.81 Bu/Ac Average Advantage

89% Win Percentage

8 Wins

9 Trials



Delaro™ Trial

Delaro on Corn



TRIAL INFORMATION:

- Late Application (VT-R2) @ 8 ounces/acre versus untreated
- Trial 28 received an early application (V5) @ 4 ounces/acre

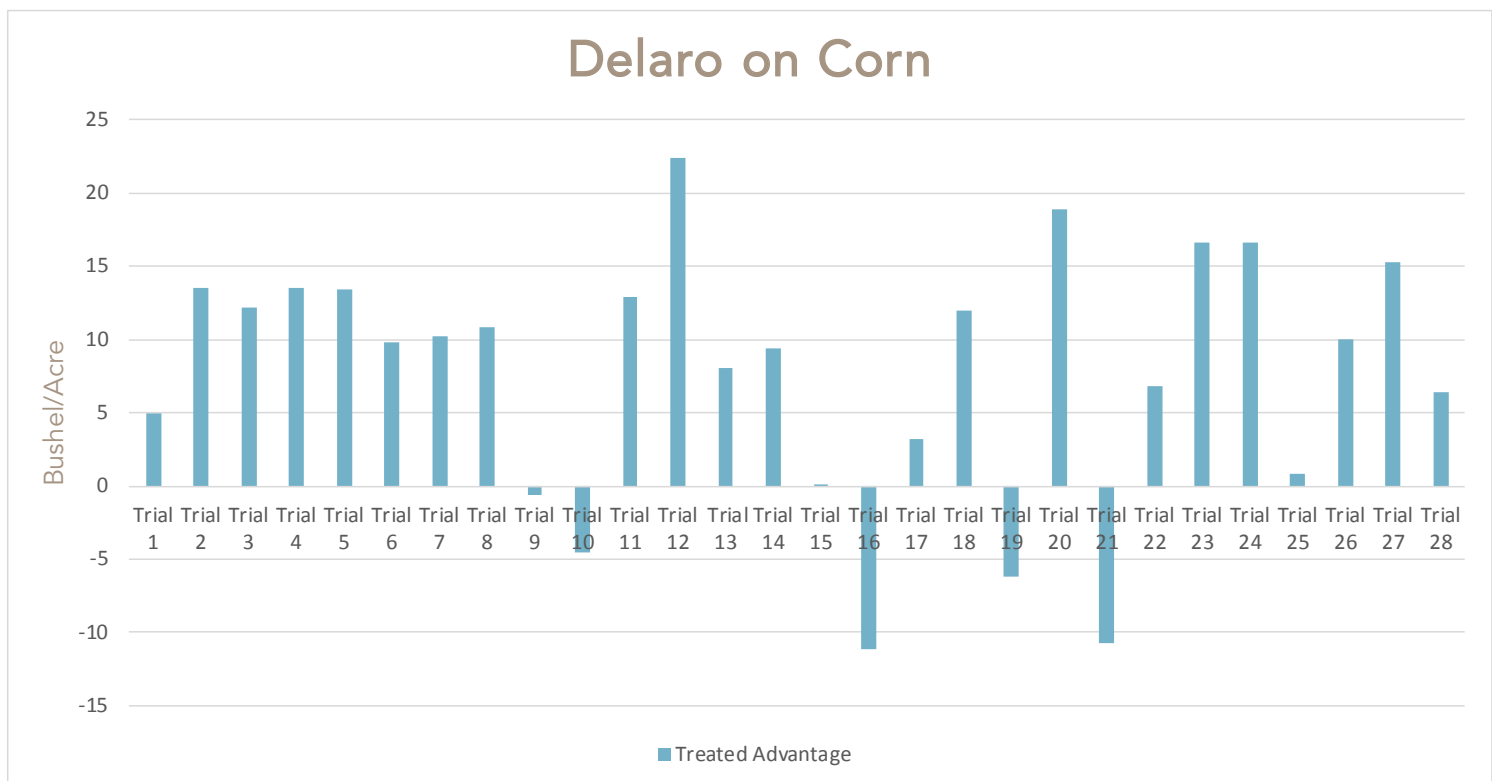
10.77 Bu/Ac Average Advantage of Wins

7.67 Bu/Ac Average Advantage

82% Win Percentage

23 Wins

28 Trials



Serenade SOIL®

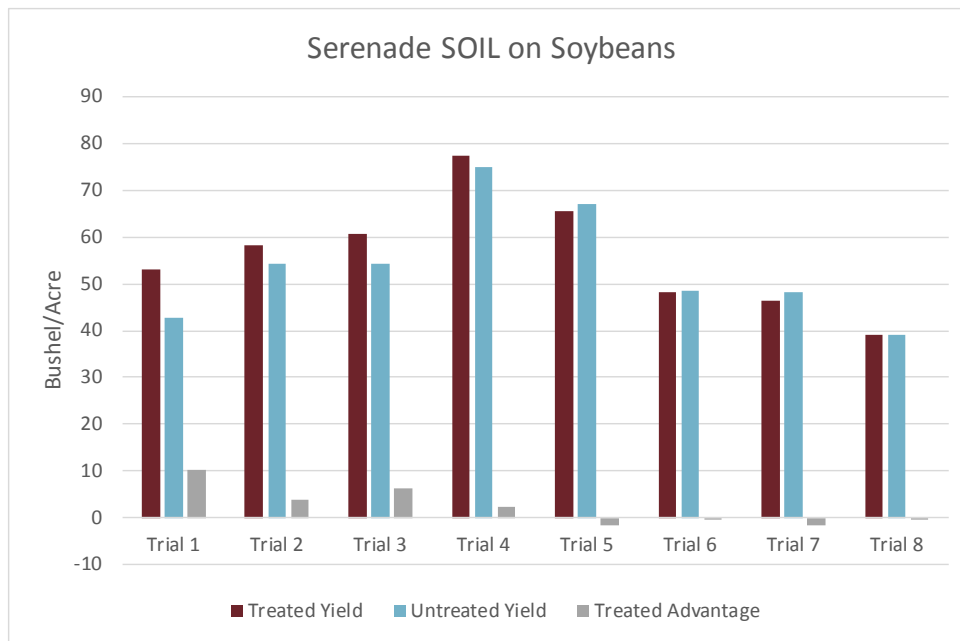
ABSTRACT: Serenade SOIL® is a biological fungicide that protects against soil diseases like Rhizoctonia and Pythium and is exempt from tolerances (no MRL or residue concerns) so you can sell your crops into even the most restrictive markets.

TRIAL INFORMATION:

- Corn & Soybeans: applied in-furrow at 1 pint/acre



Serenade on Soybeans - 2017



5.76 Bu/Ac Average Advantage of Wins

2.44 Bu/Ac Average Advantage

50% Win Percentage

4 Wins

8 Trials

2 Year Soybean Serenade Data

	2015	2016	Average
	1 Trial	7 Trials	
Average Yield with Serenade	75.8	59.1	67.45
Average Yield without Serenade	67.4	57.7	62.55
Percentage of Wins	100%	84%	92%
Average Yield Increase from Wins	8.49	2.1	5.3
ROI on 3 Year Average	\$84.14	\$17.05	\$50.60
Price per Bushel Used	\$10.50	\$10.50	\$10.50

Serenade SOIL®



2017

Serenade on Corn

3.67 Bu/Ac Average Advantage

100% Win Percentage

2 Trials

	Treated Yield	Untreated Yield	Treated Advantage
Trial 1	263.5	259.9	3.60
Trial 2	271.9	268.16	3.74

3 Year Corn Serenade Data

	2014	2015	2016	Average
	7 Trials	19 Trials	10 Trials	
Average Yield with Serenade	200.1	182.2	186.6	189.6
Average Yield without Serenade	199.6	173.3	185.5	186.1
Percentage of Wins	57%	90%	70%	72%
Average Yield Increase from Wins	8.9	10.7	3.9	7.8
ROI on 3 Year Average	\$30.52	\$35.74	\$8.65	\$24.97
Price per Bushel Used	\$4.00	\$3.80	\$3.50	\$3.80

Stratego® YLD Trials

ABSTRACT: Stratego® YLD fungicide offers two modes of action that provides both preventive and curative activities and systemic movement to provide broad-spectrum and long last disease control, and higher yield potential.



	Crop	Treated Yield	Untreated Yield	Treated Advantage
Trial 1	Soybeans	41.7	39.1	+2.6
Trial 2	Corn	187.7	176.2	+11.5

Nitrogen Management

Lessons Learned 2017

Looking back on 2017 our biggest question was, "Where did the necessary Nitrogen (N) come from to support these yields?" Two of the many responses come from the realization that we had adequate soil moisture for almost the entire growing season, even August/September, and moderate temperatures in August. These factors provided mineralization of N, and other nutrients, in larger quantities than typically expected. Cool nights and warm days with adequate moisture from R2 to R6 (black layer), means more nutrients going into the plants (and grain) through mass flow.

To illustrate, the water status charts from the Field Forecasting Tool (FFT) by WinField® United compare 2016 and 2017 below, showing the differences in soil moisture and its subsequent yield differences.

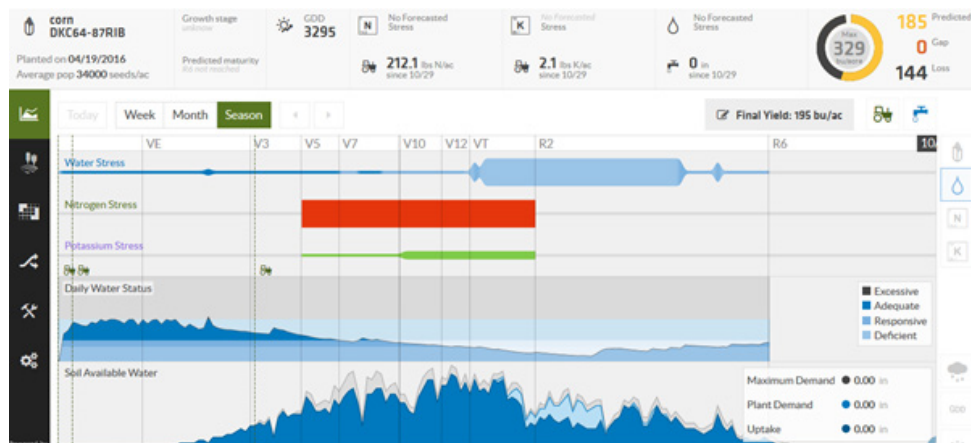
2017 Water Status

Note: The Nitrogen Status Bar is not a fair indicator of what's happening in the field as it uses Maximum Yield as a base, making the plant appear extremely deficient. This will be corrected in the 2018 version of FFT.

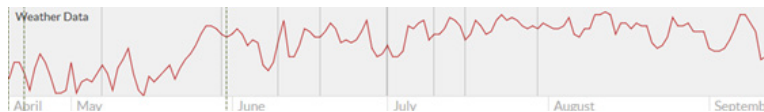


2016 Water Status

Note: Water stress starting at V7 in 2016 reduced mineralization and mass flow of nutrients, especially Nitrogen, into the plant. Pair the lack of soil moisture with higher temperatures, created a double stress on the corn plant, reducing yield potential. 2017 did not have these stresses, as we were hot early but cooled for grain fill.



2017 GDD Chart

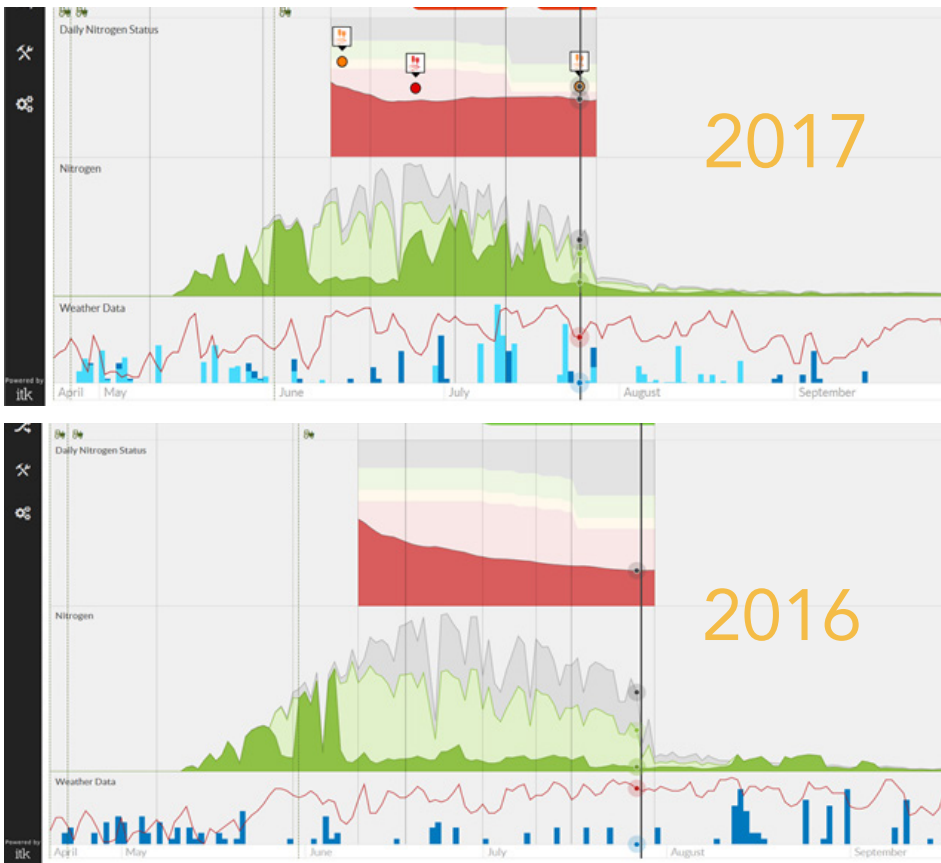


2016 GDD Chart



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Nitrogen Management



These two charts show 2017 and 2016 Nitrogen status. The Nitrogen program is exactly the same both years. The differences come from more frequent and larger rains (blue bars), along with cooler temperatures (red line) in August in 2017. The green section of the chart shows plant uptake, and notice the increased uptake in July 2017 compared to 2016.

An example of residual Nitrogen taken up late by a plant is seen in the middle of August 2016. Rains allowed for Nitrogen movement into the plant, although late in the season.

Having the tools available through Sunrise to estimate nutrient movement, mineralization and maximum yield (along with predicted yield), enables us to provide insights to improve nutrient application ROI. We can provide forward looking scenarios to determine if Nitrogen (and Potassium) applications will benefit yield and profitability.

As we move into 2018, we work to utilize these tools to our advantage. These are decision support tools, not decision making tools. Agronomists, Sunrise Agronomy Solutions Advisors (ASA's), and Sunrise Precision Solutions (SPS) team members will be working to incorporate these tools into our weekly program. As enhancements come into FFT it will be more streamlined to perform these tasks.

Urea on Corn

ABSTRACT: There are different options to apply Nitrogen later in the growing season. At Sunrise, we are evaluating all options to apply Nitrogen later, as we have seen benefits of such applications in the past. This year, we put on additional N with an airplane in the form of Urea on top of growers' current nitrogen management program.

TRIAL INFORMATION:

- 100# of product (80# Urea, 20# AMS) @ R1 via airplane versus no additional N

13.79 Bu/Ac Average Advantage of Wins

11.83 Bu/Ac Average Advantage

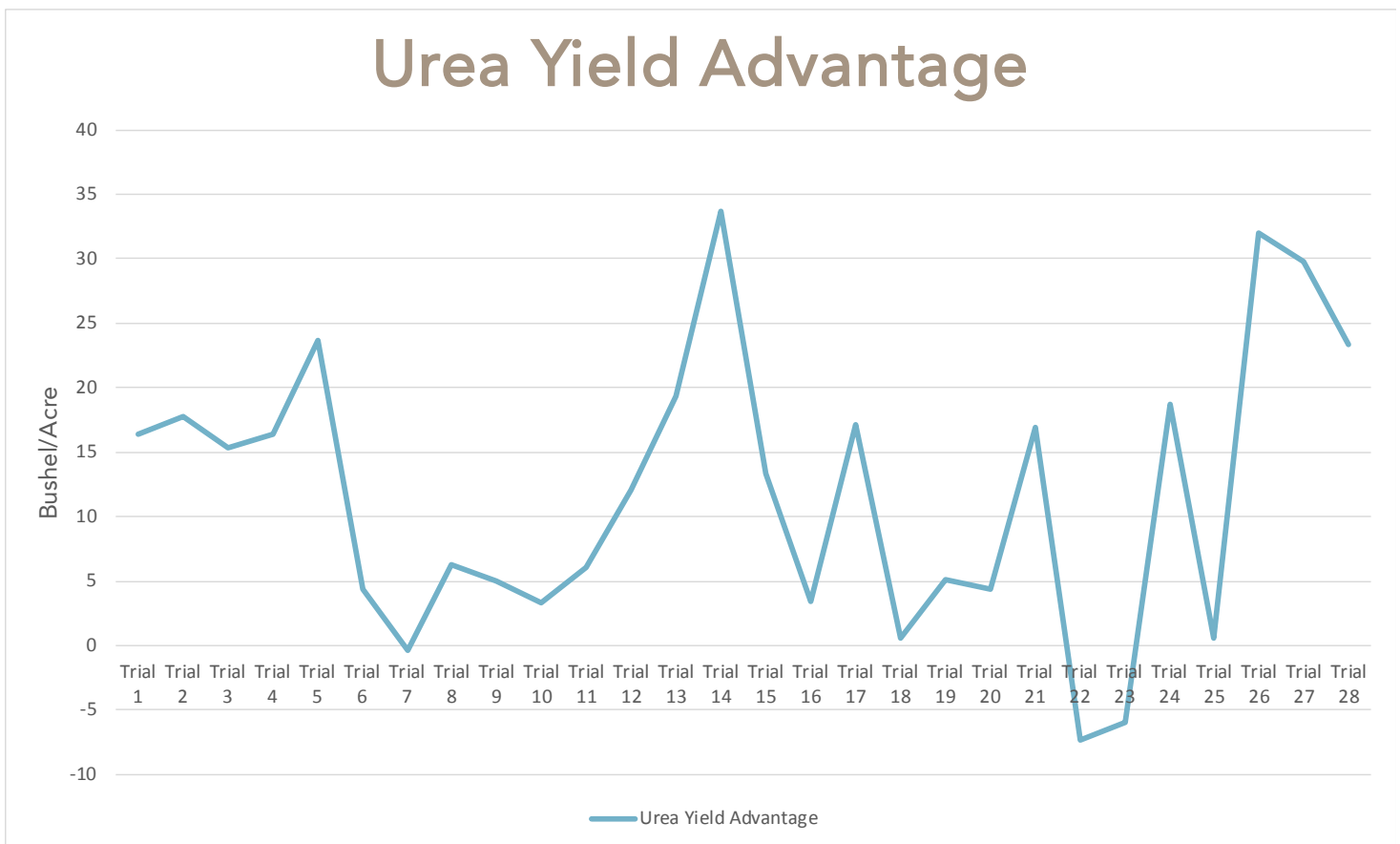
89.3% Win Percentage

25 Wins

28 Trials



Urea Yield Advantage



NOTE:

Each trial has different hybrids, which all respond to Nitrogen differently. Reference Response to Nitrogen (RTN) scores in the Sunrise Seed Guide to see how hybrids respond to Nitrogen, and which would give you the highest ROI for a late nitrogen application.

Wheat Seed Treatments

ABSTRACT: Both **Warden® Cereals 360** & **Warden® Cereals II** are one-of-a-kind wheat seed treatments.

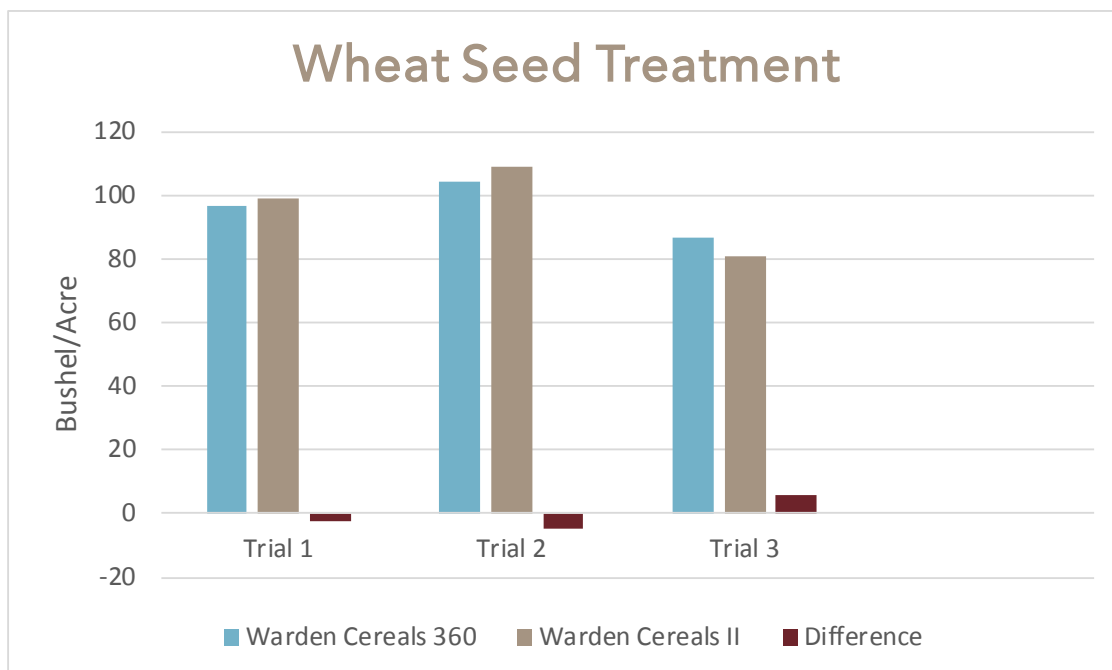
Warden Cereals 360 combines the protection of 3 top-of-the-line fungicides and an industry-leading insecticide, along with the Ascend plant growth regulator. It provides protection against diseases and insects, plus improved germination and emergence.

Warden Cereals II is the second generation of WinField® United's Warden Cereals brand. It includes an all new fungicide package of three fungicides with different modes of action for broader spectrum control of diseases, delivered in an easy to use and handle formulation.

Trial Information:

This trial involved comparing WinField® United's Warden® Cereals 360 and Warden® Cereals II wheat seed treatments.

	Warden® Cereals 360	Warden® Cereals II	Difference
Trial 1	96.51	98.98	-2.47
Trial 2	104.24	109.01	-4.77
Trial 3	86.78	80.75	6.03



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Hydraulic Down Force

ABSTRACT: The purpose of this trial was to see if we could come up with similar results as what Precision Planting® did. Checking to make sure your planter is at the correct down force setting is one of the most important things to do during planting. But checking the down force setting at one place in the field is just the starting point.

The ultimate goal is to ensure down force is set correctly across the whole field, not just at one point. Seeds planted at a consistent depth help achieve uniform emergence, which sets the stage for the rest of the season.

The amount of down force needed varies drastically across the field, and even across the planter. Different soil types and textures, moisture in soil, or just the combine tracks from last fall create different environments for each row of the planter each year. Precision Planting's research shows that the weight carried on the gauge wheels while planting can vary by over 800 lbs within 3 feet.

AS YOU PLANT ACROSS THE FIELD, YOUR DOWN FORCE NEEDS ARE CHANGING, BUT IS YOUR PLANTER?

Incorrect Down Force Could Cost You up to 16 Bu/Ac.

Trial Information:

Amount of Down Force	Weight Harvested	Yield (Bu/Ac)
0	1407	193.3
125	1440	197.0
250	1407	193.3
375	1375	188.9
Auto Standard	1553	213.3

DeltaForce



FurrowJet™

THE OPTIMUM STARTER PLACEMENT



ABSTRACT: FurrowJet™ is a planter fertilizer attachment that enables you to place not only an in-furrow starter fertilizer, but also a dual-band of fertilizer 3/4" on each side of the seed. FurrowJet rides in the furrow just above the seed, firming while placing starter. Wings of the FurrowJet angle downward to cut into the sidewall and place fertilizer alongside the seed in a dual-band. By being near-furrow, this placement gives the seedling and crown roots immediate and continuous access to the nutrients. Combined with accurate placement, FurrowJet is flexible, allowing increased rates and common starters to be applied safely, avoiding seed burn risk.

	Yield (Bu/Ac)
5 gallons/acre on the seed	177.5
5 gallons/acre on the seed & 5 gallons/acre on the wings	183.8
5 gallons/acre on the seed	177.6
5 gallons/acre on the seed & 10 gallons/acre on the wings	183.0

On the Seed:

Product	Rate
PCT Premium P Corn Starter	4.75 gal/ac
PCT Corn Micro Pack	1 qt/ac
PCT BioComplete	1 pt/ac
PCT C-Green	0.5 pt/ac

On the Wings:

Product	Rate
PCT SuperBlue	2.5 gal/ac
Water	2.5 gal/ac

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Local grow how.

Progressive Crop Technology (PCT) provides precise blends of on-seed starters, foliars and finisher fertilizers to help maximize yields. The field proven micronutrients are agronomically designed for ease-of-use, crop safety and compatibility with other products.

When your plant receives the maximum nutrition at the right time, it shows.

Products Tested:

- BioBuild™ C-Green
- BioBuild™ BioComplete
- StandUp™ Premium P Corn Starter w/ Micros
- FolrFeed™ Corn Foliar LITE
- FolrFeed™ Corn Foliar EXTRA
- FolrFeed™ Soy Foliar LITE
- GrainMaker™ Soy Finisher
- NutraBoost™ Manganese 5%



PCT | Sunrise
StandUp™

PCT | Sunrise
FolrFeed™

PCT | Sunrise
GrainMaker™

PCT | Sunrise
AdjuTec™

PCT | Sunrise
BioBuild™

PCT | Sunrise
NutraBoost™

PCT | Sunrise

BioBuild™ C-Green

ABSTRACT: A seaweed extract in combination with organic acids, BioBuild™ C-Green will help any plant mitigate stress. It can be used in multiple crops as on-seed starter, 2X2, transplant water solution or as a foliar along with other crop protection products, fertilizer, and other biological products. It is recommended to apply just prior to a stress event or immediately after for best activity and faster recovery!

Trial	Treated Yield	Untreated Yield	Treated Advantage
Trial 1	69.21	68.86	+0.35
Trial 2	86.42	83.90	+2.52
Trial 3	57.05	55.36	+1.69
Trial 4	71.41	70.43	+0.98
Trial 5	61.12	59.38	+1.74

On Soybeans:

5 Trials

100% Win Percentage

1.46 Bu/Ac Average Advantage

Trial Information:

Product Rates:

- BioBuild™ C-Green @ 40 ounces/acre vs untreated

Trial	Treated Yield	Untreated Yield	Treated Advantage
Trial 1	209.75	205.82	+3.93
Trial 2	236.5	215.53	+20.97

On Corn:

2 Trials

100% Win Percentage

12.45 Bu/Ac Average Advantage

PCT | Sunrise

BioBuild™
C-Green

BioBuild™ BioComplete

ABSTRACT: With over 29 different strains of beneficial microbes, BioComplete provides you with increased health and vigor, healthier roots and stronger and longer stems. It can be used in multiple crops as an on-seed starter, 2X2 (less desirable), transplant water solution, or foliar with other crop protection products, fertilizers and other biological products.

Trial Information:

Product Rates:

Trial 1:

- BioBuild™ BioComplete @ 1 pint/acre In-Furrow

Trial 2:

- BioBuild™ BioComplete @ 1 pint/acre In-Furrow
- BioBuild™ C-Green @ 8 ounces/acre

Trial 3:

- BioBuild™ BioComplete @ 16 ounces/acre
- StandUp™ Base Corn Starter w/ Micros @ 4 gallons/acre

Trial	Treated Yield	Untreated Yield	Treated Advantage
Trial 1	234.45	232.11	+2.34
Trial 2	197.19	201.42	-4.23
Trial 3	215.86	202.81	+13.05
Trial 4	215.86	201.10	+14.76

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BioBuild™
BioComplete

PCT | Sunrise

StandUp™ Premium P Corn Starter w/ MIC

ABSTRACT: As a PCT | Sunrise Premium P Corn Starter w/ MIC, it allows you to receive in-furrow nutrient to immediately accelerate seed germination, quicken emergence and improve plant development. Added phosphites also suppress disease, while micronutrients strengthen your corn's immune system throughout the growing season.

Trial Information:

Product Rates:

- StandUp™ Premium P Corn Starter w/ MIC @ 5 gallons/acre

Trial	Treated Yield	Untreated Yield	Treated Advantage	Treated Moisture %	Untreated Moisture %
Trial 1	232.51	228.57	+3.94	20.14	21.04
Trial 2	193.55	188.64	+4.91	19.13	19.32
Trial 3	223.04	222.13	+0.91	22.63	23.11
Trial 4	178.69	175.63	+3.06	18.57	18.6
Trial 5	234.3	229.06	+5.24	19.98	20.19
Trial 6	209.6	211.25	-1.65	20.31	20.56

6 Trials

5 Wins

83 % Win Percentage

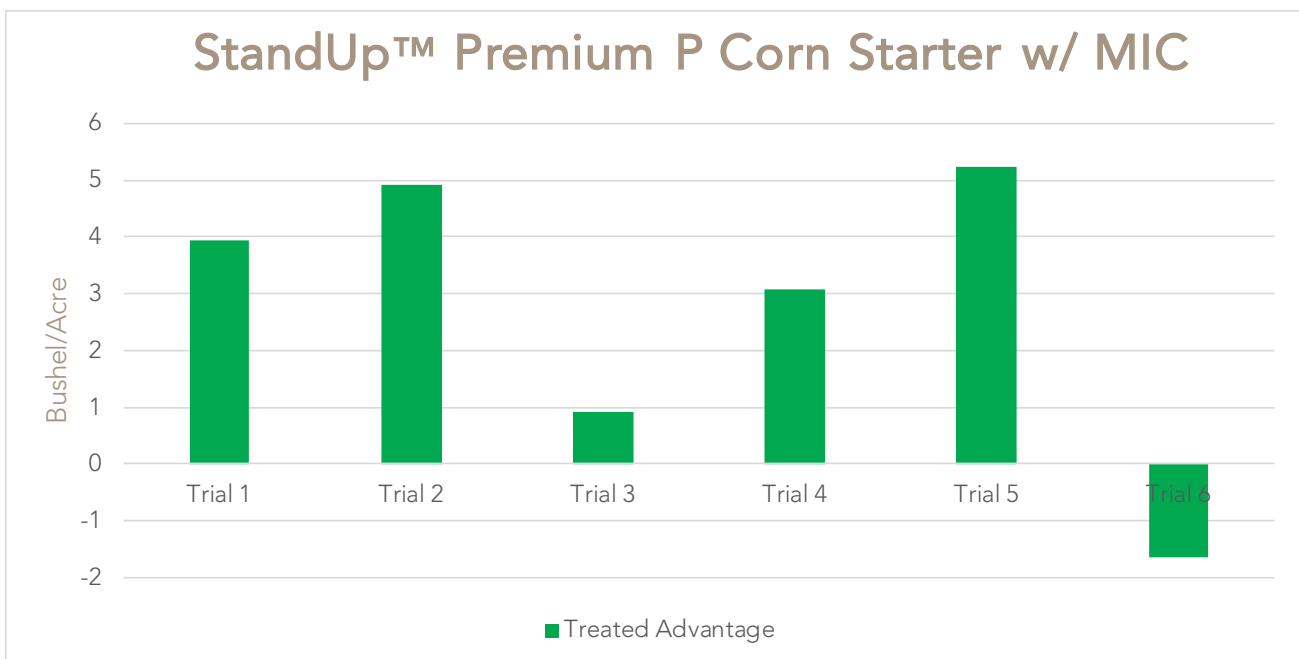
2.74 Bu/Ac Average Advantage

3.61 Bu/Ac Average Advantage of Wins

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StandUp™

Premium P Corn Starter w/ MIC



PCT | Sunrise

PCT | Sunrise

FolrFeed™ Corn Foliar LITE

FolrFeed™ Corn Foliar LITE

ABSTRACT: After your corn is out of the ground, its first job is to determine the number of rows on each ear. The more rows it forms, the more room it has for kernels. By applying foliar-fed nutrients at this stage, you reduce stresses from disease and weather so your corn can get its job done.

Trial Information:

Product Rates:

FolrFeed™ Corn Foliar LITE: 1 gallon/acre
 NutraBoost™ Boron: 1 pint/acre
 NutraBoost™ Zinc: 1 pint/acre
 *Applied on 6/13/2017

Date Planted: May 11
 Planting Population: 34,000
 Tillage: Conventional
 Soil Type: Sandy Loam
 Date Harvested: October 17

	Harvest Weight	Harvest Moisture %	Row Width	Row Length	Number of Rows	Test Weight	Bushel/ Acre	Yield Rank
FolrFeed™ Corn Foliar LITE + Boron + Zinc	10,904	26.6	30	1754	8	50.7	210.0	4
Untreated	11,406	26.8	30	1727	8	51.1	222.5	1
FolrFeed™ Corn Foliar LITE + Boron + Zinc	7,076	24.2	30	1144	8	52.4	215.8	3
Untreated	7,334	26.2	30	1145	8	51.1	217.6	2

FolrFeed™ Corn Foliar EXTRA + BioBuild™ C-Green

ABSTRACT: PCT Corn Foliar EXTRA provides double the amount of the critical nutrients needed to enhance overall plant development, fight disease and ultimately, help maximize yield.

PCT | Sunrise

FolrFeed™ Corn Foliar EXTRA

Trial Information:

Product Rates:

FolrFeed™ Corn Foliar EXTRA: 1 gallon/acre
 BioBuild™ C-Green: 20 ounces/acre

Trial	Treated Yield	Untreated Yield	Treated Advantage
Trial 1	249.48	236.74	+12.74

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FolrFeed™ Soy Foliar LITE



ABSTRACT: With PCT | Sunrise foliars, your soybean crop will get the nutrients it needs to continue healthy root development and leaf expansion, to retain water when dry spells hit, to overcome natural nutrient deficiencies in the soil and to retain flowers.

- all keys to achieving optimal yield.

Trial Information:

Product Rates:

- FolrFeed™ Soy Foliar LITE @ 1 gallon/acre vs 32 ounces/acre of traditional Manganese program
- Trial #2 was FolrFeed™ Soy Foliar LITE @ 1 gallon/acre with Fungicide & Insecticide vs Fungicide & Insecticide
- Trials 15-18 were 1 gallon of FolrFeed™ Soy Foliar LITE vs NutraBoost™ Manganese 5% & Radiate

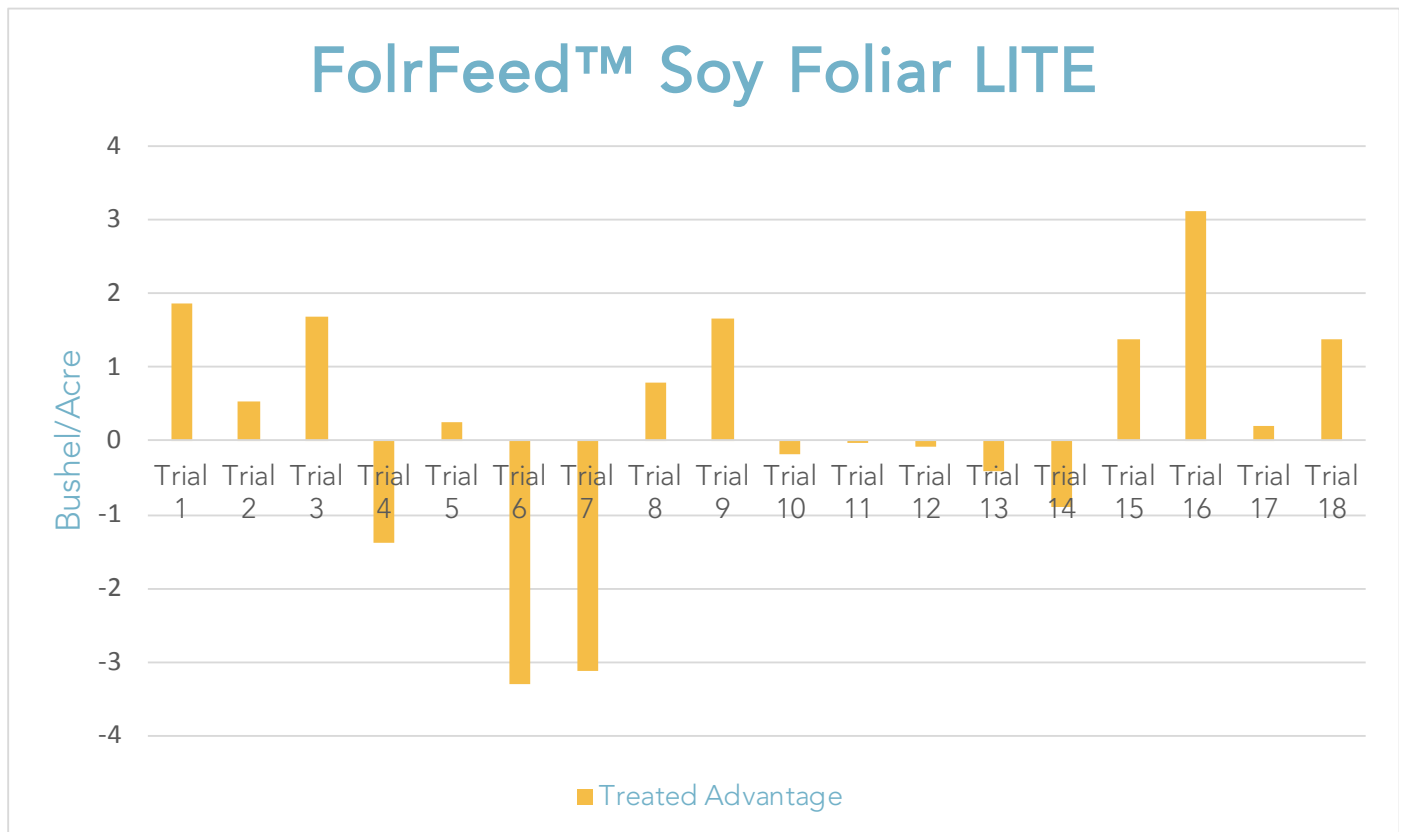
1.29 Bu/Ac Average Advantage of Wins

0.19 Bu/Ac Average Advantage

56% Win Percentage

10 Wins

18 Trials



PCT | Sunrise

GrainMaker™ Soy Finisher

ABSTRACT: As your soybean plant nears maturity, don't neglect its nutritional needs. A PCT soybean finisher provides the nutrients it needs, so leaves and roots stay healthier longer, and pods continue to fill.

3.10 Bu/Ac Average Advantage of Wins

Trial Information:

1.29 Bu/Ac Average Advantage

Product Rates:

- GrainMaker™ Soy Finisher @ 3 gallons/acre versus untreated

60% Win Percentage

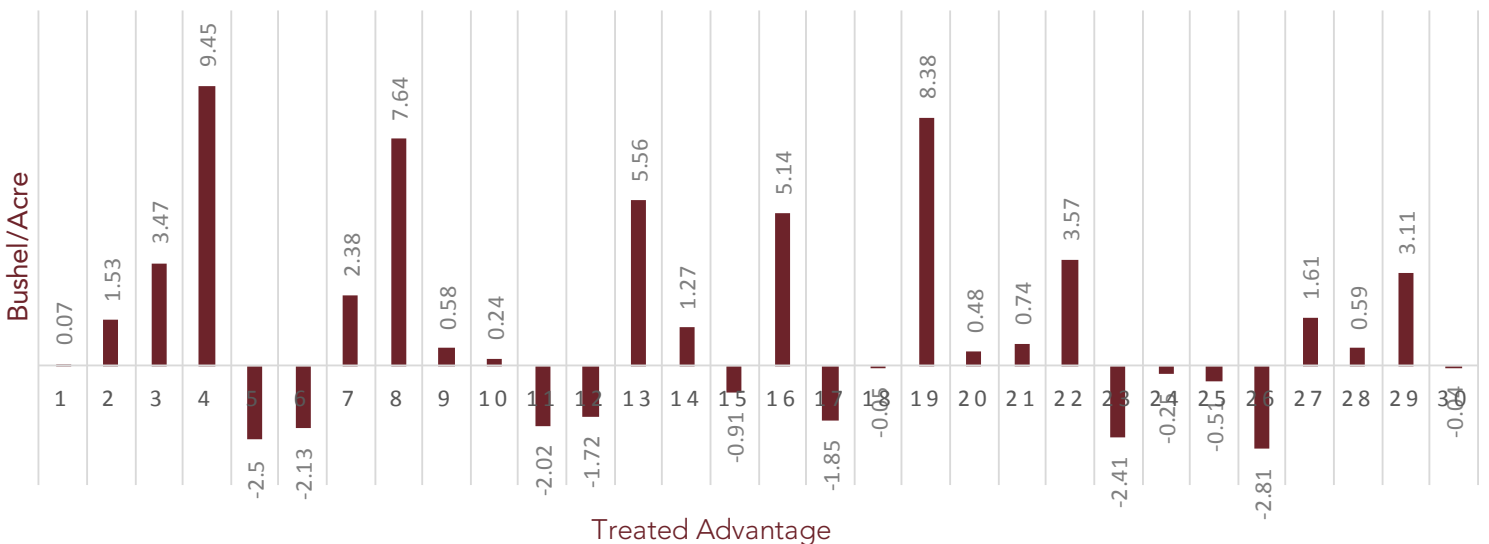
18 Wins

30 Trials

PCT | Sunrise

GrainMaker™
Soy Finisher

GrainMaker™ Soy Finisher



CORN VARIETY PLOTS | NORTH

Brand	Variety	# of Entries	Average Yield	Average Index	Rank
Mycogen	MY 2A627	4	211.3	106.3	1
DEKALB	DKC64-35RIB	3	211.6	106.0	2
DEKALB	DKC57-97RIB	13	229.9	106.0	3
Pioneer	P0825	10	222.0	105.8	4
CROPLAN	4488	3	226.6	105.8	5
Becks	6158	5	222.7	104.0	6
DEKALB	DKC64-34RIB	8	236.3	103.9	7
DEKALB	DKC61-54RIB	6	205.4	103.6	8
DEKALB	DKC62-20RIB	18	217.9	103.4	9
Pioneer	P0843	6	206.3	102.8	10
DEKALB	DKC62-52RIB	9	221.9	102.2	11
DEKALB	DKC63-60RIB	13	214.2	102.2	12
NK	NK0962-3220A	3	214.8	102.1	13
DEKALB	DKC55-20RIB	8	224.6	102.0	14
CROPLAN	6110	14	210.7	101.8	15
DEKALB	DKC65-94RIB	4	218.1	101.7	16
Pioneer	P1197	5	200.3	101.7	17
DEKALB	DKC58-06RIB	12	224.5	101.6	18
NK	N68K-3111A	3	207.7	101.5	19
DEKALB	DKC64-87RIB	5	220.3	101.3	20
DEKALB	DKC61-55RIB	3	193.7	101.1	21
CROPLAN	4791	16	212.6	100.9	22
DEKALB	DKC55-84RIB	4	203.3	100.6	23
Mycogen	MY06R31	3	198.4	100.5	24
Mycogen	MY2T619	4	207.8	100.1	25
DEKALB	DKC58-08RIB	8	195.7	100.1	26
DEKALB	DKC59-50RIB	12	206.5	99.2	27
DEKALB	DKC57-99RIB	5	189.4	99.1	28

Brand	Variety	# of Entries	Average Yield	Average Index	Rank
DEKALB	DKC51-38RIB	6	219.5	99	29
Bekcs	5828	3	200.7	98.8	30
DEKALB	DKC55-21RIB	4	193.6	98.4	31
CROPLAN	4644	12	199.7	98.3	32
DEKALB	DKC53-56RIB	7	211.2	98	33
DEKALB	DKC54-38RIB	8	212.4	97.9	34
CROPLAN	4895	18	200	97.4	35
Pioneer	P1443	3	208.3	97.4	36
DEKALB	DKC50-08RIB	3	213.2	97.2	37
CROPLAN	4822	4	207.6	97.1	38
Pionner	P0506	7	191.3	97	39
Pioneer	P0414	3	175.8	96.6	40
CROPLAN	4079	6	193.2	96.3	41
CROPLAN	5290	9	203.8	95.9	42
Pioneer	P0574	4	187.7	95.8	43
DEKALB	DKC54-40RIB	3	171.1	95.3	44
Pioneer	P0306	3	173.6	95.2	45
DEKALB	DKC52-68RIB	6	202.2	95.1	46
CROPLAN	4199	5	190	94.8	47
CROPLAN	4975	13	194.6	93.9	48
Mycogen	MY02J57RA	3	175.7	92.9	49
Pioneer	P0339	4	180.8	92.8	50
DEKALB	DKC50-84RIB	3	180.4	92.7	51
Pioneer	P0157	3	212.6	92.5	52
DEKALB	DKC51-40RIB	3	178.7	91.6	53
DEKALB	DKC53-58RIB	3	170.1	91.4	54

**Varieties are ranked based on index to average, not average yield. 100 is the average for all varieties across all plots.

For example, MY2A627 has an average index of 106.3. Meaning, it performed 6.3 higher than what was considered the average yield across all plots the entry was in. DKC53-58RIB has an average index of 91.4. This means it performed 8.6 lower than what was considered the average yield across all plots the entry was in.

CORN SIDE X SIDES-NORTH

TRIAL 1

Date Planted: May 18
Location: Crawford County
Date Harvested: October 20

Brand	Hybrid	Traits	Row Width	Harvest Weight	Harvest Moisture %	Test Weight	Bushel/Acre	Yield Rank
Pioneer	P0506	AM	30	3070	19.4	55.4	154.5	2
DEKALB	DKC55-20RIB	SS	30	2940	18.9	52.4	148.6	3
CROPLAN	5516	SS/RIB	30	3180	18.8	55.7	162.2	1

TRIAL 2

Date Planted: May 16
Location: Huron County
Date Harvested: October 23

Brand	Hybrid	Traits	Harvest Weight	Harvest Moisture %	Test Weight	Bushel/Acre	Yield Rank
DEKALB	DKC59-50RIB	SS	5815	17.7	57.4	223.3	1
Pioneer	P0506	AM	5820	17.9	56.6	222.7	2

TRIAL 3

Location: Richland County

Brand	Hybrid	Traits	Bushel/Acre	Yield Rank
DEKALB	DKC58-06RIB	SS	206.1	1
Pioneer	P0843	AM	199.4	2

TRIAL 4

Brand	Hybrid	Traits	Bushel/Acre	Yield Rank
DEKALB	DKC61-55RIB	SS	223.1	1
Pioneer	P0506	AM	192.0	2

TRIAL 5

Date Planted: May 16
Location: Huron County
Date Harvested: October 25

Brand	Hybrid	Traits	Bushel/Acre	Yield Rank
DEKALB	DKC59-50RIB	SS	220.6	1
Pioneer	P0506	AM	206.9	2

TRIAL 5A

Date Planted: May 6
Location: Ashland County
Date Harvested: November 14

Brand	Hybrid	Traits	Bushel/Acre	Yield Rank
CROPLAN	4199	SS/RIB	172.0	1
DEKALB	DKC53-45RIB	SS	153.5	2

Trials 6-13 all include the following information:

Date Planted: May 17

Location: Huron County

Date Harvested: November 1, 2017

TRIAL 6

Brand	Hybrid	Traits	Bushel/Acre	Yield Rank
DEKALB	DKC61-88RIB	SS	242.8	2
Pioneer	P1197	AM	243.8	1

TRIAL 7

Brand	Hybrid	Traits	Bushel/Acre	Yield Rank
Seed Consultants	1067	YHR	219.2	3
DEKALB	DKC63-60RIB	SS	248.9	1
Seed Consultants	1067	YHR	228.5	2

TRIAL 8

Brand	Hybrid	Traits	Bushel/Acre	Yield Rank
CROPLAN	6594	SS	232.5	1
Seed Consultants	1067	YHR	221.5	2

TRIAL 9

Brand	Hybrid	Traits	Bushel/Acre	Yield Rank
Seed Consultants	1067	YHR	209.9	3
CROPLAN	4895	SS	225.7	2
Pioneer	P0843	AM	226.2	1

TRIAL 10

Brand	Hybrid	Traits	Bushel/Acre	Yield Rank
CROPLAN	4791	SS	222.8	1
Seed Consultants	1067	YHR	201.1	2

TRIAL 11

Brand	Hybrid	Traits	Bushel/Acre	Yield Rank
DEKALB	DKC57-97RIB	SS	244.5	1
Seed Consultants	1067	YHR	206.9	3
Great Lakes	5755		214.7	2

TRIAL 12

Brand	Hybrid	Traits	Bushel/Acre	Yield Rank
DEKALB	DKC53-56RIB	SS	216.8	3
Seed Consultants	1067	YHR	217.3	1
Pioneer	P0306	AM	217.0	2

TRIAL 13

Brand	Hybrid	Traits	Bushel/Acre	Yield Rank
DEKALB	DKC51-38RIB	SS	217.8	2
Seed Consultants	1067	YHR	212.1	3
DEKALB	DKC50-08RIB	SS	221.1	1

CORN SIDE X SIDES-NORTH



Date Planted: May 20
Location: Erie County
Date Harvested: November 4

TRIAL 14

Brand	Hybrid	Traits	Bushel/ Acre	Yield Rank
Pioneer	P0574	AM	213.1	2
DEKALB	DKC63-60RIB	SS	190.3	3
CROPLAN	4895	SS	225.2	1

Date Planted: May 20
Location: Erie County
Date Harvested: November 4

TRIAL 15

Brand	Hybrid	Traits	Bushel/ Acre	Yield Rank
Mycogen	2A627	RR2	213.9	1
Pioneer	P1443	AM	182.8	3
DEKALB	DKC61-86RIB	RR2	195.2	2

Date Planted: May 20
Location: Sandusky County
Date Harvested: November 4

TRIAL 16

Brand	Hybrid	Traits	Bushel/ Acre	Yield Rank
CROPLAN	5887	VT2P/RIB	169.6	1
Pioneer	P1197	AM	168.3	2

Date Planted: April 28
Location: Sandusky County
Date Harvested: October 25

TRIAL 17

Brand	Hybrid	Traits	Bushel/ Acre	Yield Rank
CROPLAN	6110	SS/RIB	229.6	1
Pioneer	P0843	AM	223.9	2

Date Planted: April 28
Location: Sandusky County
Date Harvested: October 25

TRIAL 18

Brand	Hybrid	Traits	Bushel/ Acre	Yield Rank
Becks	6165	AM	237.2	3
Pioneer	P0825	AM	257.6	1
CROPLAN	4895	SS/RIB	244.0	2

Date Planted: May
Location: Erie County
Date Harvested: November 10

TRIAL 19

Brand	Hybrid	Traits	Bushel/ Acre	Yield Rank
DEKALB	DKC54-40RIB	VT2P	194.4	1
Schlessman	SX508		176.3	2

Date Planted: May
Location: Huron County
Date Harvested: November 1

TRIAL 20

Brand	Hybrid	Traits	Bushel/ Acre	Yield Rank
DEKALB	DKC53-58RIB	VT2P	200.6	1
26 EG Seeds	5499	CONV	188.8	2

Date Planted: May
Location: Ashland County
Date Harvested: November 11

TRIAL 21

Brand	Hybrid	Traits	Bushel/ Acre	Yield Rank
DEKALB	DKC52-61RIB	VT2P	176.3	1
Seed Consultants	1017	YHR	172.6	2



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County

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CRESTLINE S-1

Entry	Brand	Hybrid	Trait	Harvest Moisture %	Bushel/Acre	Yield Rank
1	DEKALB	DKC51-38RIB	SS	25.37	250.45	7
2	DEKALB	DKC53-56RIB	SS	26.73	268.30	1
3	DEKALB	DKC54-38RIB	SS	24.67	247.38	9
4	Pioneer	P0506	AM	28.01	246.58	10
5	DEKALB	DKC55-20RIB	SS	26.49	238.49	12
6	DEKALB	DKC57-97RIB	SS	29.06	259.53	3
7	DEKALB	DKC58-06RIB	SS	25.64	250.46	6
8	DEKALB	DKC61-54RIB	SS	30.06	236.45	13
9	DEKALB	DKC 62-20RIB	VT2P	29.78	212.35	16
10	DEKALB	DKC62-52RIB	SS	27.58	210.54	17
11	DEKALB	DKC63-60RIB	SS	31.31	209.70	19
12	DEKALB	DKC65-94RIB	SS	32.13	213.85	15
13	CROPLAN	4975	VT3P/RIB	24.46	210.13	18
14	CROPLAN	4488	SS/RIB	25.53	251.62	4
15	CROPLAN	4644	VT2P/RIB	25.32	240.24	11
16	CROPLAN	4791	A3111/AGST	29.03	249.75	8
17	CROPLAN	4895	SS/RIB	28.31	259.94	2
18	CROPLAN	6110	VT2P/RIB	29.55	250.51	5
19	CROPLAN	7927	VT3P/RIB	33.13	220.91	14
			Plot Average:	28.01	238.3	

Date Planted: April 19
 Planting Population: 36,000
 Row Width: 15 inch
 Tillage: Conventional
 Soil Type: Silt Loam/Clay Loam
 Date Harvested: September 22

ATTICA C-1



Entry	Brand	Hybrid	Trait	Harvest Moisture %	Bushel/Acre	Yield Rank	
1	DEKALB	DKC50-08RIB	SS	20.2	201.7	10	
2	DEKALB	DKC51-38RIB	SS	21.1	199.6	13	
3	DEKALB	DKC52-68RIB	VT2P	21.3	188.8	20	
4	Pioneer	P0339	AM	22.2	197.0	16	
5	DEKALB	DKC54-38RIB	SS	23.3	210.2	5	
6	DEKALB	DKC55-84RIB	SS	22.9	197.1	15	
7	DEKALB	DKC55-20RIB	SS	23.0	206.8	7	
8	DEKALB	DKC57-97RIB	SS	23.2	200.7	12	
9	DEKALB	DKC58-06RIB	SS	24.7	214.5	1	
10	DEKALB	DKC59-50RIB	VT2P	24.7	208.0	6	
11	DEKALB	DKC61-54RIB	SS	25.4	204.9	8	
12	Pioneer	P1197	AM	27.7	196.1	17	
13	DEKALB	DKC62-52RIB	SS	26.6	213.4	2	
14	DEKALB	DKC62-20RIB	VT2PRIB	24.5	204.2	9	
15	DEKALB	DKC63-60RIB	SS	23.9	192.9	18	
16	CROPLAN	4079	SS/RIB	26.8	186.4	22	
17	CROPLAN	4199	SS/RIB	21.0	201.2	11	
18	CROPLAN	4975	VT3P	21.5	198.1	14	
19	CROPLAN	4644	VT2P/RIB	22.0	212.9	3	
20	CROPLAN	4791	A3111	23.7	212.1	4	
21	CROPLAN	4895	SS/RIB	23.4	191.5	19	
22	CROPLAN	6110	VT2P/RIB	24.4	188.7	21	
			Plot Average:	23.5	201.2		

Date Planted: June 6
 Planting Population: 34,000
 Row Width: 30 inch
 Tillage: Conventional
 Soil Type: Silt Loam/Silty Clay Loam
 Date Harvested: November 10, 2017

LATE SEASON EVALUATION

	Stalk	Ear Shank	Final Stand	Rows	Kernels	Comments
	A	A	29,000	16	34	some GLS, consistent ear placement, upright leaves, 1/2 inch tip back
	A	B	30,500	20	32	GLS & Common Rust, 1 inch tip back
	A	A	37,000	16	30	low ear placement, some dropped ears, GLS & Rust, no tip back
	A	A	29,000	16	34	short stalks, not upright leaves, some GLS, not consistent ears, nitrogen deficiency visible, 1 inch tip back
	A	A	29,000	16	30	upright leaves, consistent ears & ear placement, no GLS, 3/4 in. tip back
	A	A	30,000	16	30	leaves cover rows, GLS in middle canopy, some earworm, 3/4 in. tip back
	A	A	33,000	16	28	very leafy, high ear placement, fat girthy ears, some GLS, 3/4 in. tip back, green/healthy plants
	A	B	32,500	14	28	can see down the rows, some GLS in middle canopy, high ear placement, 3/4 in. tip back
	A	B	33,000	16	34	50 ft. of row missing plants, inconsistent ear placement, some GLS & Rust, long ears, no tip back, some Diplodia
	A	A	33,000	16	34	heavy GLS, little tip back, green plants
	A	A	31,000	14	36	high ear placement, very little GLS, no tip back, upright leaf, good health
	A	A	33,500	16	32	very high ear placement, GLS in middle canopy dense upper canopy, 1/2 in. tip back, healthy/green plants
	A	A	31,500	18	34	medium ear placement, very little GLS, no tip back, variety in plant color
	A	A	28,000	18	32	high ear placement, GLS in middle canopy, no tip back
	A	A	35,500	14	32	high ear placement, GLS in middle canopy, 3/4 in. tip back, upright leaves
	A	A	32,000	14	36	some diplodia, medium ear placement, very little tip back, some GLS
	A	A	32,500	16	34	medium ear placement, no tip back, light GLS in middle canopy, consistent ears, upright leaves
	A	A	34,000	14	36	medium ear placement, some dropped ears, no tip back, GLS in middle canopy
	A	A	34,000	16	32	medium ear placement, GLS in lower and middle canopy, upright leaves, some Diplodia, no tip back
	A	A	33,500	14	36	medium ear placement, heavy GLS, dense upper canopy, pale yellow kernels, 1/2 in. tip back
	A	A	34,000	16	32	medium ear placement, lower & middle canopy with GLS, no tip back
	A	A	31,500	16	34	medium ear placement, heavy GLS in middle canopy, 1/2 in. tip back

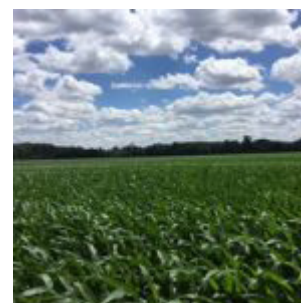


CASTALIA C-1



Entry	Brand	Hybrid	Trait	Harvest Weight	Harvest Moisture %	Test Weight	Bushel/Acre	Yield Rank
1	CROPLAN	4791	A3111/AGST	3,024	15.5	59	201.0	26
2	DEKALB	DKC57-97RIB	SS	3,636	16.3	60	239.0	5
3	DEKALB	DKC58-06RIB	SS	3,474	18.3	60	222.5	16
4	Mycogen	MY06R31	FF	3,240	16.0	60	213.0	21
5	CROPLAN	4895	SS	3,456	16.0	58	226.7	13
6	CROPLAN	6110	VT2P/RIB	3,550	16.7	59	230.5	12
7	NK	N68K	3111A	3,186	15.6	57	209.2	23
8	DEKALB	DKC62-20RIB	VT2P	3,810	16.0	59	248.6	3
9	DEKALB	DKC63-60RIB	SS	3,694	17.4	58	236.6	7
10	DEKALB	DKC64-34RIB	SS	3,942	16.6	57	254.4	1
11	Becks	6127	AS3000/GT	3,480	16.5	60	224.5	14
12	Becks	6165	AM	3,566	15.9	60	231.3	11
13	Becks	6368	GENVT2P	3,876	16.0	57	250.6	2
14	Becks	6365	AMX	3,742	16.0	59	241.5	4
15	Pioneer	P1442	AM	3,792	18.9	57	235.9	8
16	Pioneer	P1443	AM	3,252	18.0	58	204.2	25
17	Pioneer	P1197	AM	3,654	15.8	59	235.1	9
18	Pioneer	P0843	AM	3,738	16.2	59	239.0	6
19	Pioneer	P0825	AM	3,434	15.8	58	220.2	17
20	Pioneer	P0574	AM	3,282	16.1	57	209.3	22
21	Pioneer	P0993	HR	3,356	15.2	55	215.9	20
22	Renk	RK794	DG/VT2P	3,458	14.3	57	224.5	15
23	Renk	RK860	VT2P	3,396	15.2	58	217.7	19
24	Renk	RK924	DG/VT2P	3,436	15.6	59	218.9	18
25	Renk	RK941	RR	3,256	16.1	60	205.8	24
26	Pioneer	P0993	AM	3,650	15.7	59	231.4	10
Plot Average:				16.2	58.4	226.4		

Date Planted: April 28
 Planting Population: 35,000
 Row Width: 30 inch
 Tillage: No Till
 Soil Type: Coarse
 Date Harvested: November 28, 2017



LATE SEASON EVALUATION

	Stalk	Ear Shank	Final Stand	Rows	Kernels	Comments
	A	B	34,000	16	30	Some Tip Back, Nit Def signs, Med Ear Placement
	A	B	33,000	16	28	Loose Husk, Good Stay Green, High Ear Placement
	B	C	33,000	16	29	Thin Stalk, Weak Shank, Loose Husk
	C	A	33,000	16	35	Down Corn / Green Snap
	A	A	32,000	16	33	Some Bird Damage, Nit Def., Green Stalk / Dry husk
	A	A	34,000	18	31	Woosie Looking Stalk, Small Stalks But good stay green
	A	B	36,000	14	35	Tip Back, Consistant Ear Size (small), Dry Stalks
	A	A	33,000	16	34	Tall, High Ear Placement, No Tip Back
	A	B	35,000	14	34	Tall, High Ear Placement, Some Tip Back
	A	B	31,000	18	30	Tip Ear Showing, Some GLS, Nit. Drf., Some Tip Back
	A	A	34,000	14	33	Tall, Variable ear placement, Some GLS, Tip Back
	A	A	33,000	16	36	Bad GLS (gray leaf spot), Loose Husk, Bird Damage
	A	A	34,000	16	34	High Ear Placement, Bird Damage, Loose Husk, Some GLS
	A	A	36,000	18	27	GLS, Tip out / Bird Damage, Tall, High Ear Placement
	A	B	36,000	16	28	Tip Back, High Ear Placement, Some GLS
	A	B	29,000	18	29	Vert Bad GLS, Bird Damage, Variable Ear size
	A	A	34,000	14	34	Good Stay Green, Bird Damage, Some GLS
	A	A	36,000	18	30	Bird Damage, No Tip Back, Some GLS (picture switch with 0825)
	A	C	31,000	16	24	Very Bad GLS, Tip Back, Small Stalk, Bird Damage
	A	B	33,000	18	28	Diplodia, Tip out, Bird Damage
	A	B	32,000	16	32	Some GLS, In consistant Ear size, No Tip Back
	A	A	30,000	14	32	Bird Damage, No Tip Back, Big Kernals
	A	B	31,000	16	29	Very Bad GLS, Low Ear Placement
	A	A	28,000	16	28	Tall, High Ear Placement
	A	A	32,000	16	25	Smut, Bad GLS

Additional Comments:

Entry 2 had 1 row down due to sprayer track. Entries 6, 12, 14, 15, 16, 17, 18, 19, 21 & 22 experienced some mold. Entry 10 had some bird damage.



FOSTORIA C-1



Entry	Brand	Hybrid	Trait	Harvest Weight	Harvest Moisture %	Bushel/Acre	Yield Rank
1	DEKALB	DKC53-58RIB	VT2P	5,470	15.9	187.3	14
2	DEKALB	DKC54-40RIB	VT2P	5,456	16.3	186.1	15
3	Pioneer	P0506	AM	5,834	17.6	195.9	5
4	DEKALB	DKC57-99RIB	DG/VT2P	5,595	15.7	192.0	9
5	DEKALB	DKC58-08RIB	VT2P	5,541	16.5	188.4	12
6	DEKALB	DKC59-50RIB	VT2P	5,765	17.4	194.0	8
7	Pioneer	P0825	AM	7,078	19.0	233.6	1
8	DEKALB	DKC61-55RIB	DG/VT2P	6,034	18.2	200.9	4
9	DEKALB	DKC62-20RIB	VT2P	5,804	17.2	195.7	6
10	DEKALB	DKC63-60RIB	SS	5,772	17.4	194.3	7
11	DEKALB	DKC64-35RIB	VT2P	6,697	18.9	221.2	2
12	DEKALB	DKC64-89RIB	VT2P	5,560	17.1	187.8	13
13	DEKALB	DKC65-94RIB	SS	6,570	20.2	213.5	3
14	CROPLAN	4199	SS/RIB	5,433	17.2	183.3	17
15	CROPLAN	4975	VT3P	5,349	16.0	183.1	18
16	CROPLAN	4644	DG/VT2P/RIB	5,346	15.9	183.0	19
17	CROPLAN	4791	A3111/AGST	5,308	16.3	181.1	20
18	CROPLAN	4895	SS/RIB	5,656	17.9	189.2	10
19	CROPLAN	6110	VT2P/RIB	5,678	18.3	188.9	11
20	CROPLAN	5290	SS/RIB	5,585	19.2	183.8	16
Plot Average:				17.4	194.2		

Date Planted: May 26
 Planting Population: 34,000
 Row Width: 30 inch
 Soil Type: Loam
 Date Harvested: November 4, 2017



LATE SEASON EVALUATION

	Stalk	Ear Shank	Final Stand	Rows	Kernels	Comments
	A	A	31.000	18	35	Plant Health is a B, Low % of diplodia
	B	B	34.500	16	36	Plant health A, 2" tip back
	A	A	30.500	16	32	Heavy gray leaf spot, high ear placement
	A	A	32.000	18	36	Upright leaf, great plant health, some diplodia and ear worm
	A	A	34.500	16	34	Great grain quality, western bean cutworm, plant health good
	A	B	33.000	18	30	.5" tip back, good plant health
	A	A	33.000	16	32	1" tip back, Western bean cutworm and some GLS
	A	A	35.000	16	33	Some tip back .5" and some stalk smut
	A	A	34.000	18	29	Upright leaf and .5" tip back, ear worm uneven ear placement
	A	A	33.000	16	32	1" tip back, not attractive, N deficiency and 10% diplodia
	A	A	33.000	18	32	1" tip back and attractive, A on disease, soil type change here
	A	A	34.000	16	35	.5" tip back, N deficiency and 2% diplodia
	A	A	33.500	18	35	.75" tip back, Great looking grain quality
	A	A	33.000	16	36	3% diplodia and some N deficiency, .5" tip back
	A	A	35.000	16	32	Very erect plant, .5" tip back
	A	A	32.500	16	29	Very green and good health
	A	A	35.000	16	35	1" tip back, N deficiency, some diplodia
	A	A	33.500	16	31	Good grain quality, very healthy
	A	A	31.500	16	37	Low ear placement, good grain quality, 140 ft of one row missing
	A	A	34.000	16	30	N deficiency, 1.5-2" tip back, good grain quality



FREMONT C-1



Entry	Brand	Hybrid	Trait	Harvest Weight	Harvest Moisture %	Test Weight	Bushel/Acre	Yield Rank
1	Pioneer	P0306	AM	4,538	17.7	59	197.8	21
2	Pioneer	P0414	AM	4,480	16.7	58.5	197.6	22
3	Pioneer	P0506	AM	4,668	17.0	59.5	205.2	13
4	Pioneer	P0574	AM	4,436	17.5	58.5	193.8	23
5	Pioneer	P0825	AM	5,114	18.2	57	221.5	2
6	Pioneer	P0843	AM	4,426	18.7	57	190.5	26
7	Pioneer	P1197	AM	4,478	19.1	58	191.8	25
8	Pioneer	P1442	AM	4,568	20.5	57.5	192.3	24
9	Pioneer	P1443	AM	4,824	16.9	55.5	212.3	8
10	DEKALB	DKC50-84RIB	VT2P	3,898	16.8	56.5	171.7	30
11	DEKALB	DKC51-40RIB	VT2P	4,048	15.3	58	181.5	29
12	DEKALB	DKC53-58RIB	VT2P	4,228	16.5	58.5	186.9	27
13	DEKALB	DKC55-21RIB	VT2P	4,508	16.7	57.5	198.8	20
14	DEKALB	DKC57-99RIB	DG/VT2P	4,594	15.9	57	204.6	16
15	DEKALB	DKC58-08RIB	VT2P	4,604	17.9	57.5	200.1	19
16	DEKALB	DKC59-50RIB	VT2P	4,748	17.6	58.5	207.2	11
17	DEKALB	DKC62-20RIB	VT2P	5,048	17.9	58.5	219.4	4
18	DEKALB	DKC63-60RIB	SS	4,864	19.6	57.5	207.1	12

Date Planted: April 26
 Planting Population: 34,000
 Row Width: 30 inch
 Tillage: No Till
 Soil Type: Medium
 Date Harvested: October 21, 2017

LATE SEASON EVALUATION

	Stalk	Ear Shank	Final Stand	Rows	Kernels	Comments
	A	A	35,000	14	35	Little Ear Mold, very little GLS, Bird Damage
	B	B	31,000	16	31	Ear Rot / Gibberella/ Bird Damage/ Tip Back / NCLB
	A	A	32,000	14	32	Consistent ear size/ Very little GLS/ Bird Damage/ Little NCLB
	A	B	31,000	14	31	Bird Damage/ Some Gibberella/ NCLB
	A	C	31,000	16	31	Gibberella/ Bird Damage/ Ear Drop
	A	C	32,000	14	32	GLS/ Low ear placement
	A	A	30,000	16	30	No Tip back/ Tip out end/ some Ear rot
	A	A	35,000	16	35	Gibberella Bad/ Diplodia
	A	A	33,000	18	33	Some Gibberella/ No tip back
	B	A	31,000	16	31	Big Kernel/ Bad Bird Damage/ Ear rot / Short plant
	B	B	34,000	20	34	Lower ear placement/ Bird Dam/ Poor kernel quality
	A	B	34,000	16	34	Short Plant/ Some Ear rot/ Bird Damage
	A	A	34,000	16	34	Short plant/ No tip back Bird damage/ Very up right ear
	A	A	34,000	16	34	GLS/ bad Ear rot/ Bird Damage
	A	A	36,000	16	36	Gibberella/ Very Bad Diplodia
	A	A	29,000	18	29	Bird Damage/ Some Gibberella
	A	A	32,000	16	32	Consistent ear size/ VL Ear rot/ Loose Husk/ No tip back
	A	A	35,000	16	35	Nitrogen Deficiency / No tip back

FREMONT C-1 CONT'D



Entry	Brand	Hybrid	Trait	Harvest Weight	Harvest Moisture %	Test Weight	Bushel/Acre	Yield Rank
19	DEKALB	DKC64-35RIB	VT2P	4,790	20.7	58.5	201.1	18
20	DEKALB	DKC64-89RIB	VT2P	4,990	18.7	57.5	214.8	6
21	DEKALB	DKC65-94RIB	SS	5,228	18.8	58	224.8	1
22	CROPLAN	4199	SS/RIB	4,214	16.8	58	185.6	28
23	Mycogen	MY02J57 RA	SSX	4,942	15.6	59.5	220.9	3
24	CROPLAN	4975	VT3P	4,562	15.3	58.5	204.6	15
25	CROPLAN	4644	VT2PRIB	4,852	15.9	56	216.1	5
26	CROPLAN	4791	A3111	4,812	18.1	57	208.7	10
27	CROPLAN	4895	GENSSRIB	4,950	18.4	59.5	213.9	7
28	CROPLAN	6110	VT2PRIB	4,746	18.5	57.5	204.8	14
29	CROPLAN	5290	GENSSRIB	5,082	21.9	59.5	210.2	9
30	Mycogen	MY11C27 RA	SSX	4,848	20.7	56	203.6	17
				Plot Average:	17.9	57.85	203.0	

Date Planted: April 26
 Planting Population: 34,000
 Row Width: 30 inch
 Tillage: No Till
 Soil Type: Medium
 Date Harvested: October 21, 2017

LATE SEASON EVALUATION

	Stalk	Ear Shank	Final Stand	Rows	Kernels	Comments
	A	B	33,000	16	33	No Tip back/ Tip out end loose husk/ Clean kernels
	A	A	35,000	16	35	No tip back/ Some Ear rot/ Tip out end
	B	A	35,000	16	35	No rot clean ear
	B	B	34,000	14	34	Bad bird damage/
	B	A	26,000	16	26	Matured/ Clean / No Tip back
	A	B	32,000	14	32	Some Ear rot/ No tip back
	B	B	26,000	14	26	Very Bad Gibberella/ Short plant
	A	B	40,000	14	40	Consistent ear size/ No Rot/ Some Tip back
	B	B	34,000	14	34	Consistent Ear/ Some ear rot
	A	A	32,000	14	32	Some Ear rot/ No tip back
	A	A	29,000	18	29	Tall Plant/ High ear placement/ Some Ear rot
	A	B	27,000	16	27	No rot/ Consistent ear size



FREMONT C-2



Entry	Brand	Hybrid	Trait	Harvest Weight	Harvest Moisture %	Test Weight	Bushel/Acre	Yield Rank
1	Rupp	XRD10-01	VT2P	3,120	16.2	58	204.9	10
2	Rupp	XRD07-72	VT2P	3,032	15.3	59	201.3	16
3	Rupp	XRD05-04	VT2P	2,932	15.4	58	194.4	21
4	CROPLAN	4975	VT3P	2,788	16.9	59	181.6	25
5	CROPLAN	4822	VT2P/RIB	3,160	15.0	57	210.5	5
6	CROPLAN	X17105A	VT2P/RIB	2,754	15.5	57	182.4	24
7	CROPLAN	4079	SS/RIB	3,040	15.3	57	201.8	15
8	DEKALB	DKC55-21RIB	VT2P	3,116	16.3	58	204.4	13
9	Mycogen	MY2T619 RA	SSX	3,200	15.5	57	211.9	4
10	CROPLAN	4791	AS3111	3,126	15.8	58	206.3	9
11	CROPLAN	4895	SS	3,072	14.9	56	204.9	11
12	DEKALB	DKC57-99RIB	DG/VT2P	2,954	15.7	57	195.2	20
13	DEKALB	DKC58-08RIB	VT2P	3,386	16.7	58	221.1	2
14	Pioneer	P0825	AM	2,998	16.8	57	195.5	19
15	DEKALB	DKC59-50RIB	VT2P	3,156	16.3	57	207.0	8
16	NK	NK0962	3220A	2,930	17.7	58	189.0	22
17	CROPLAN	6110	VT2P/RIB	3,072	17.9	58	197.7	18
18	CROPLAN	5290	SS/RIB	2,908	18.3	57	186.2	23
19	CROPLAN	6594	SS/RIB	3,092	16.2	57	203.1	14
20	Becks	6158	AM	3,198	17.2	56	207.5	7
21	NK	N68K	3111A	3,234	17.9	58	208.1	6
22	DEKALB	DKC62-20RIB	VT2P	3,504	18.2	58	224.7	1
23	DEKALB	DKC63-60RIB	SS	3,110	18.0	59	199.9	17
24	DEKALB	DKC64-35RIB	VT2P	3,278	17.3	58	212.5	3
25	DEKALB	DKC64-87RIB	SS	3,206	18.6	58	204.5	12
Plot Average:				16.6	57.6	202.3		

Date Planted: April 27
 Planting Population: 35,000
 Row Width: 30 inch
 Tillage: Minimum Till
 Soil Type: Medium
 Date Harvested: October 26, 2017



LATE SEASON EVALUATION

	Stalk	Ear Shank	Rows	Kernels	Comments
	A	A	12	37	long, flex ears, skinny stalks, high management
	B	A	16	38	some rootworm, girthy ears with some tipback, avg. stalks, open tips
	A	A	14	37	coon damage, ears coming out of husk, lots of tipback
	A	A	16	33	low ear placement, good husk cover, girthy ears with tipback
	A	A	12	36	tall, pretty healthy, shorter skinny ears, tipback
	A	A	14	34	healthy plants, ears have some tipback
	A	A	16	39	dark green, strong plant, not much tipback
	A	A	14	43	tip comes out of husk, skinny long ears with good stalks, some GLS
	B	B	16	31	avg. stalks, a little ear mold, tip back, thin husks over ears
	A	A	16	34	healthy plants with wide leaves, lighter color, lots of cob, some tipback
	B	A	14	36	tall, tight husks, avg. stalks
	B	A	16	34	hides ear, good husk cover, avg stalks, broad leaves
	A	A	14	40	tall, tight husks, avg. stalks
	A	A	14	36	shorter plant, narrow leaves, low ears, short fat ears with tipback, good stalks
	A	A	12	42	upright leaves, good husk cover, skinny low ears, some fusarium on kernels
	A	A	18	34	good stalks, good husks, filled to tip
	A	A	14	30	lush and healthy, strong stalks, lots of tipback
	B	A	20	29	very tall, upright leaves, lots of tipback, avg. stalks
	B	A	16	36	lush plant, avg. stalks, hides ears, good tip fill





Entry	Brand	Hybrid	Trait	Harvest Weight	Harvest Moisture %	Test Weight	Bushel/Acre	Yield Rank
1	CROPLAN	4975	VT3P	6,532	16.5	57	244.9	17
2	CROPLAN	4822	VT2P/RIB	6,164	17.7	58	227.7	20
3	CROPLAN	4644	VT2P/RIB	6,770	18.5	57	247.7	16
4	Mycogen	MY2A627	SS	7,050	19.3	56	255.4	8
5	DEKALB	DKC55-20RIB	SS	6,648	16.1	56	250.4	12
6	CROPLAN	4791	AS3111	6,730	18.0	57	247.7	15
7	DEKALB	DKC57-97RIB	SS	6,748	17.3	58	250.5	10
8	CROPLAN	4895	SS/RIB	6,960	17.3	58	258.4	7
9	DEKALB	DKC58-06RIB	SS	7,100	18.9	59	258.5	6
10	Pioneer	P0825	AM	7,500	19.6	57	270.7	2
11	DEKALB	DKC59-50RIB	VT2P	6,854	19.1	57	248.9	13
12	NK	N68K	311A	6,864	18.7	57	250.5	11
13	CROPLAN	6110	VT2P/RIB	6,814	18.8	57	248.4	14
14	Mycogen	MY09V41	RR2	6,410	19.2	56	232.5	19
15	CROPLAN	5290	SS/RIB	6,588	18.5	57	241.0	18
16	Becks	6158	AM	6,810	17.9	58	251.0	9
17	DEKALB	DKC62-20RIB	VT2P	4,514	19.3	56	265.2	4
18	DEKALB	DKC62-52RIB	SS	4,420	19.1	56	260.3	5
19	DEKALB	DKC63-60RIB	SS	4,522	18.6	58	268.0	3
20	DEKALB	DKC64-34RIB	SS	4,662	17.9	57	278.6	1
Plot Average:				18.3	57.1	252.8		

Date Planted: April 27
 Planting Population: 34,500
 Row Width: 30 inch
 Tillage: Conventional
 Soil Type: Coarse
 Date Harvested: October 26, 2017

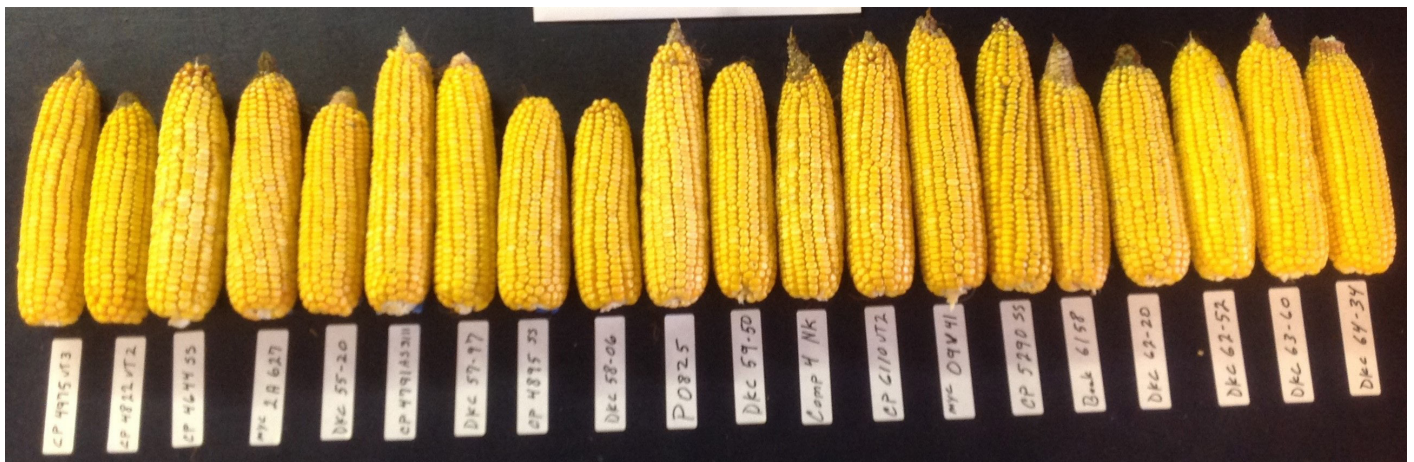
Additional Comments:
 Entry 2 was planted at 27,000-28,000.
 Entry 8 had some down corn at harvest time.

There was a 6 row border on the east side of the plot (CROPLAN 6110 SS) that yielded 274.5 bushel/acre.



LATE SEASON EVALUATION

	Stalk	Ear Shank	Final Stand	Rows	Kernels	Comments
	A	B	31,000	14	37	Matures Early, Little tip back,
	A	A	30,000	16	31	Loose Husk, Shows Earlier than 108 maturity,
	A	A	31,000	16	32	Big Kernels, No Tip Back
	A	B	33,000	18	32	Very little tip Back, Avg Ear Placement, No Nit. Deficiency
	A	A	34,000	16	32	Ear Placement High and Low,
	A	B	33,000	16	38	Tip Back good, No Nit. deficiency
	A	B	34,000	14	36	Avg Ear Placement, Little tip back
	A	A	33,000	18	31	Ear Placement avg. Consistant Ear size **, Can Handle Higher Pop
	A	B	35,000	16	30	0 tip back push pops,
	A	C	33,000	18	34	Avg Ear Placement, Weak shank
	A	C	34,000	18	31	Short Ear Placement No tip back , some smut, Ear worm
	A	C	33,000	16	34	High Ear Placement,
	A	A	34,000	18	35	Tips showing (Push Pops)
	A	A	28,000	18	39	Low Ear Placement, No Tip Back **
	A	A	33,000	14	40	Big Kernels, No Tip Back, Earworm
	A	C	33,000	16	32	Big Tip Back, GLS, Earworm
	A	A	36,000	18	30	Tips Out, High Ear placement, GLS, Earworm
	A	B	33,000	18	33	No Tip Back
	A	A	34,000	18	32	High Ear Placement,
	A	A	34,000	18	31	Tall Plant, Tip Back



GRAYTOWN C-1



Entry	Brand	Hybrid	Trait	Harvest Weight	Harvest Moisture %	Bushel/Acre	Yield Rank
1	DEKALB	DKC50-84RIB	VT2P	4,675	16.8	166.5	19
2	DEKALB	DKC50-09RIB	VT2P	5,090	17.0	179.3	14
3	DEKALB	DKC51-40RIB	VT2P	4,363	16.5	153.2	20
4	DEKALB	DKC52-68RIB	VT2P	4,888	17.0	170.5	18
5	Pioneer	P0339	AM	5,009	17.7	171.9	17
6	DEKALB	DKC54-40RIB	VT2P	5,017	17.1	175.4	15
7	DEKALB	DKC55-21RIB	VT2P	5,250	17.0	182.9	13
8	DEKALB	DKC57-99RIB	DG/VT2P	5,514	16.6	196.2	4
9	DEKALB	DKC58-08RIB	VT2P	5,328	17.4	188.5	9
10	Pioneer	P0843	AM	5,417	18.0	190.5	5
11	DEKALB	DKC59-50RIB	VT2P	5,820	18.0	205.1	1
12	DEKALB	DKC61-55RIB	VT2P	5,296	18.3	188.9	7
13	DEKALB	DKC62-20RIB	VT2P	5,318	17.9	190.2	6
14	DEKALB	DKC63-60RIB	SS	5,598	18.8	198.7	2
15	CROPLAN	4975	VT3P	4,830	16.5	174.0	16
16	CROPLAN	4822	VT2P/RIB	5,060	17.2	184.2	12
17	CROPLAN	4488	SS/RIB	5,495	17.2	197.4	3
18	CROPLAN	4791	A3111	5,315	17.2	188.5	8
19	CROPLAN	4895	SS/RIB	5,402	17.9	187.4	10
20	CROPLAN	6110	VT2P/RIB	5,339	17.8	184.7	11
			Plot Average:		17.4	183.7	

Date Planted: May 19
 Planting Population: 38,500
 Row Width: 20 inch
 Tillage: Conventional
 Soil Type: Silty Clay/Silty Clay Loam
 Date Harvested: November 10, 2017



LATE SEASON EVALUATION

Stalk	Ear Shank	Rows	Kernels	Comments
C	A			little tip back, incon. Ear placement, droppy wie leave, upright ears
A-	A	16	28	animal damage, healthy, lots of stay green, consistent ears, loose husk, drier than 50-84
C	A	20	29	animal damage, poor stalks, 1" tip back, upright leaves, consistent ears
A-	A	18	32	low ear placemet, girthy, loose husk, looks really good
A-	A	16	30	very green healthy, long narrow ears, shorter fottter, lots of tip back
B-	A	14	32	consistent ear placement, long narrow ears, tight husk cover
A-	A	16	24	short, girthy ear, healthy, ears tip down, long husk cover, and loose husk
A	A	16	36	high ear placement, consistent ears, very healthy upright leaves
B+	A	16	32	tall, inconsistnet ear placement, consistnet ears, not pretty at harvest? Good husk cover
A	A	18	32	healthy wide leaves, upright ears, higher EP, good husk cover
A	A	16	33	animal damage, lower EP, ears tip down, loose husk, little tip back, wide leaves
A	A	14	23	N. def. tall, lots of Tip back, yellow high ear placement Wet spot?
A+	A	14	29	tall, high ear palcement, showy, loss of N? some tip back, good husk cover
A	A	18	25	lower pops poor emergence? Very healthy, much better than preious 2, lots tip back, con. EP
B-	A	14	30	ears dropped, open loose husk, ready to be shelled before anything else, has Tip back
A	A	18	27	short upright ears, girthy, looks like 5237 of old, bullet ear, lower Ear Placement, some TB
A	A	14	28	sheds lower leaves, girthy upright ears, some TB, tight ear cover
A	A	16	33	tall, very healthy, long flex ear, loose upright ear with a little tip back
A-	A	16	29	ears tip down, consistnet down the row, upight leave, will be drier than 4791
B+	A	14	36	ears tip down, loose husk, consistent, dark green and very healthy



LAKEVILLE C-1



Entry	Brand	Hybrid	Trait	Harvest Weight	Harvest Moisture %	Bushel/Acre	Yield Rank
1	DEKALB	DKC51-38RIB	SS	2,918	17.6	242.0	8
2	Pioneer	P0157	AM	2,697	16.9	225.4	15
3	DEKALB	DKC52-68RIB	VT2P	2,961	17.7	245.3	5
4	DEKALB	DKC53-56RIB	SS	2,942	17.2	245.0	6
5	DEKALB	DKC54-38RIB	SS	2,751	16.7	230.6	14
6	DEKALB	DKC55-20RIB	SS	2,963	17.3	246.5	4
7	DEKALB	DKC57-97RIB	SS	2,918	16.5	245.0	7
8	DEKALB	DKC58-06RIB	SS	2,858	18.6	234.1	12
9	Pioneer	P0825	AM	2,816	17.4	234.1	11
10	DEKALB	DKC59-50RIB	VT2P	2,791	17.6	231.5	13
11	DEKALB	DKC62-20RIB	VT2P	2,866	17.7	237.3	9
12	DEKALB	DKC62-52RIB	SS	2,911	19.5	235.9	10
13	DEKALB	DKC63-60RIB	SS	3,064	19.5	248.1	2
14	DEKALB	DKC64-34RIB	SS	3,137	21.7	247.2	3
15	DEKALB	DKC64-87RIB	SS	3,081	19.6	249.1	1
Plot Average:				18.1	239.8		

Date Planted: April 24
 Planting Population: 36,000
 Row Width: 30 inch
 Tillage: Conventional
 Soil Type: Silt Loam
 Date Harvested: October 26, 2017

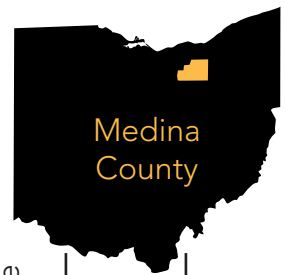


LATE SEASON EVALUATION

	Stalk	Ear Shank	Rows	Kernels	Comments
	C	A	16	36	no green left, good stand
	B	A	16	38	some green left, even stand
	B	A	22	32	little green left in canopy, girthy ears, consistent ear placement
	C	B	20	40	dropped ears when shank tested
	B	A			consistent ear placement, good plant health
	A	A	20	33	great husk cover, very girthy ears, slight tip back, excellent overall health
	A	A	14	37	big ears, long & filled to tip, consistent placement, average test weight, good colored grain
	B	A	16	38	good husk cover, filled to tips, high test weight, average overall health
	C	B	18	37	nice ears, some Gibberella, long/slender ears, some GLS/NCLB
	A	A	20	31	full ears, excellent grain quality, average test weight, healthy plants/ staying green
	B	A	18	35	tall plants, high ear placement, smaller ears, overall good health
	A	A	16	35	fired up, consistent ears, average test weight, excellent grain quality
	A	A	14	4	good health, consistent ears, filled to tip, excellent stand, excellent grain quality
	A	A	20	36	leafy plant, great overall health, high test weight, wetter grain, consistent ears
	A	A	16	37	plants staying green, excellent ear health, consistent ears, excellent standability



MEDINA C-2



Entry	Brand	Hybrid	Trait	Harvest Weight	Harvest Moisture %	Test Weight	Bushel/Acre	Yield Rank
1	CROPLAN	4199	SS/RIB	1,175	20.5	53.7	153.6	14
2	CROPLAN	4079	SS/RIB	1,105	19.3	53.2	146.6	16
3	CROPLAN	4975	VT3P/RIB	1,165	18.5	54.8	156.1	13
4	NK	N45P	3122A	1,075	19.3	55.3	142.6	18
5	DEKALB	DKC53-56RIB	SS	1,130	19.3	54.2	149.9	15
6	DEKALB	DKC54-38RIB	SS	1,090	19.5	53.1	144.2	17
7	Pioneer	P0506	AM	1,000	19.9	54.1	175.6	10
8	CROPLAN	4644	VT2P/RIB	890	19.4	54	183.4	7
9	CROPLAN	4791	A3111	1,390	21.7	51.9	204.5	1
10	CROPLAN	4895	SS/RIB	1,535	22.5	53.9	195.6	2
11	Mycogen	MY06R31	RR2	1,425	21.1	53.6	184.8	6
12	DEKALB	DKC57-97RIB	SS	1,435	21.6	53.6	184.9	5
13	DEKALB	DKC58-06RIB	SS	1,475	21.4	54.3	190.6	3
14	Mycogen	2T619	SSXRA	1,355	21.1	53.5	175.7	9
15	CROPLAN	6110	VT2P/RIB	1,480	23.8	51.7	185.4	4
16	DEKALB	DKC61-54RIB	SS	1,340	23.4	53.6	168.7	12
17	DEKALB	DKC62-20RIB	VT2P	1,390	22.9	52	176.2	8
18	Set 1	Wensink		1165	20.3	55.5	174.4	11
Plot Average:					20.9	53.7	166.3	

Additional Comments:

Varying amounts of bird damage throughout entire plot.

Date Planted: May 17
 Planting Population: 32,000
 Row Width: 30 inch
 Tillage: Conventional
 Soil Type: Fine
 Date Harvested: October 31, 2017



LATE SEASON EVALUATION

	Stalk	Ear Shank	Rows	Kernels	Comments
	A	B-	16	30	Loss husk and tip back. NCLB, GLS,
	A	B-	14	27	Tip back, loss husk/ear longer than husk, N firing. Minimal disease compared to 4199
	B	C	16	37	Very tall, high ear placement, minimal disease but some, tip exposed on ear through husk
	B	C	14	26	Firing up, disease pressure NCLB & GLS, bird damage and tips exposed
	B-	C	16	32	Firing up, disease pressure NCLB & GLS, bird damage and tips exposed
	A	C	16	23	Firing up, disease pressure NCLB & GLS, bird damage and tips exposed
	B-	C	16	26	Firing up to the ear leaf, NCLB, GLS, Bird Damage and exposed tips, coon damage
	B	B-	18	26	Coon and bird damage(~20-30feet long) drying down, very little disease
	A	B-	14	37	Firing 2 leafs below the ear. Little NCBL & GLS, some bird damage but less then rest
	A	A	18	37	Very little disease, good husk cover and minimal bird damage.
	A-	A	16	38	Very tall, ear height was above my head and I'm 5'4" , some disease, little tip break through
	B	B-	14	38	Tall as ear height is at or above my head, minimal firing and disease (but are NCBL, GLS) some open husk
	B-	B-	16	30	Firing, bird damage, open husk, some disease,
	B-	B	14	34	Not super tall, some firing, bird damage and open husk at tips, some diseases,
	B-	B-	16	30	Bird damage on ear and open husk, some disease,
	B-	A-	18	32	Small amounts of NCLB, very little GLS, broken open husk
	A-	B-	18	34	Small amounts of NCLB, very little GLS, broken open husk



MILLERSVILLE C-1



Entry	Brand	Hybrid	Trait	Harvest Weight	Harvest Moisture %	Bushe/Acre	Yield Rank
1	DEKALB	DKC50-84RIB	VT2P	4,010	17.7	203.5	5
2	CROPLAN	4079	SS	4,038	16.9	211.2	1
3	DEKALB	DKC51-40RIB	VT2P	3,798	16.0	201.4	6
4	CROPLAN	4975	VT3P	3,648	16.3	192.2	14
5	Mycogen	MY02J57	SS	3,520	17.3	184.3	20
6	DEKALB	DKC53-56RIB	SS	3,528	16.7	186.5	19
7	DEKALB	DKC55-21RIB	VT2P	3,552	17.0	188.2	18
8	CROPLAN	4644	VT2P	3,568	17.0	191.9	15
9	Mycogen	MY06R31	RR2	3,672	17.7	197.5	12
10	CROPLAN	4791	A3111	3,726	17.8	200.8	8
11	Golden Harvest	G07H81	3010A	3,652	18.6	193.7	13
12	CROPLAN	4895	SS/RIB	3,938	18.7	201.3	7
13	DEKALB	DKC57-99RIB	VT2P	4,090	17.2	210.1	2
14	Becks	6158	AM	4,060	18.1	204.6	4
15	DEKALB	DKC58-08RIB	VT2P	3,842	17.1	198.2	11
16	Golden Harvest	GO9Y24	3220A	3,852	17.5	199.5	9
17	DEKALB	DKC61-55RIB	VT2P	3,684	18.0	191.3	16
18	DEKALB	DKC62-20RIB	VT2P	3,652	17.8	191.1	17
19	Golden Harvest	G12W66	3220A	3,878	18.9	198.5	10
20	NK	NK0962	3220A	4,130	18.3	207.1	3
Plot Average:					17.5	197.6	

Additional Comments:

Entries 4-6 experienced water damage. Entry 17 had green snap.

Date Planted: May 18
 Planting Population: 34,000
 Row Width: 30 inch
 Soil Type: Coarse
 Date Harvested: November 11, 2017



LATE SEASON EVALUATION

	Stalk	Ear Shank	Final Stand	Rows	Kernels	Comments
	A	A	33,000	14	36	Good stand, solid looking
	A	A	34,000	16	32	N Deficiency, MH ear placement
	A	B	33,000	16	32	Eneven ear placement, loose husk, .5" tip back
	A	A	33,500	14	35	Higher ear placement, .25" tip back
	A	B	33,500	16	30	Upright leaf, N deficiency, .5-.75" tip back
	A	B	34,000	16	32	Low ear placement, .5" tip back
	A	B	31,000	16	33	Some earworm damage, 1" tip back
	A	A	32,000	16	31	5% diplodia, 1" tip back
	A	A	33,000	16	35	High ear placement, very tall
	B	A	33,000	16	35	No tip back, looks good, leafy and green
	A	B	33,500	16	34	Leafy, healthy, green
	A	A	34,500	16	30	Upright leaf, uneven ear placement
	A	A	33,000	16	34	N deficiency, some plants dieing early
	A	B	34,000	16	36	Good staygreen, Lot's of ear worm
	A	A	33,500	14	35	Upright leaf, 50% diplodia
	B	A	33,000	16	38	N deficiency, .5" tip back, good looking grain
	A	A	35,000	16	33	Stay green, high ear placement
	A	A	32,000	16	34	Stay green, high ear placement, ear worm
	A	A	33,500	16	31	Very high ear placement, 1" tip back
	A	A	32,000	16	31	leafy, uneven ear placement



MONROEVILLE C-2



Entry	Brand	Hybrid	Trait	Harvest Weight	Harvest Moisture %	Test Weight	Bushel/Acre	Yield Rank
1	CROPLAN	4079	SS/RIB	4,790	16.9	57	208.3	16
2	DEKALB	DKC50-08RIB	SS	5,065	16.8	57.8	220.5	11
3	CROPLAN	4975	VT3P/RIB	5,135	17.6	57.5	221.4	8
4	DEKALB	DKC53-56RIB	SS	5,135	17.8	56.3	220.8	10
5	DEKALB	DKC54-38RIB	SS	5,120	17.3	56.3	221.5	7
6	Becks	5337	SX	4,960	18.1	56.4	212.5	13
7	Mycogen	MY2T619 RA	SSX	5,340	20.9	55.1	221.0	9
8	CROPLAN	4791	A3111	5,580	22.3	53.7	226.8	6
9	CROPLAN	4895	SS/RIB	5,635	22.2	54.3	229.4	5
10	DEKALB	DKC57-97RIB	SS	6,115	22.3	54.1	248.6	1
11	DEKALB	DKC58-06RIB	SS	5,150	21.2	54.9	212.3	14
12	NK	NK0962	3220A	6,060	21.7	54.1	248.2	2
13	DEKALB	DKC61-54RIB	SS	5,775	23.0	56.2	232.6	4
14	Becks	5828	AMX	5,115	21.8	54	209.3	15
15	DEKALB	DKC62-20RIB	VT2P	5,975	23.0	54.2	240.7	3
16	CROPLAN	5290	SS/RIB	5,420	22.8	53.4	218.9	12
Plot Average:				20.4	55.3	224.6		

Additional Comments:
No fungicide applied. All varieties had average ear placement.

Date Planted: May 17
Planting Population: 33,800
Row Width: 30 inch
Tillage: Strip Till
Soil Type: Silt Loam
Date Harvested: October 23, 2017



LATE SEASON EVALUATION

	Stalk	Ear Shank	Final Stand	Rows	Kernels	Comments
	A	A	33,000	14	34	1/2 inch tip back, GLS in top canopy, good grain quality
	A	A	32,500	16	36	no tip back, GLS present, average grain quality
	B	B	32,500	14	36	no tip back, some Diplodia & GLS, average grain quality
	B	B	30,500	16	34	bird damage, no tip back, GLS present, Rust, good grain quality
	A	B	30,000	16	40	bird damage, no tip back, GLS & Rust present, good grain quality
	A	A	31,500	14	32	Diplodia, 1/2 inch tip back, GLS & Rust present, good grain quality
	A	A	33,000	16	32	upright leaf, no tip back, some Diplodia, light Rust & GLS
	A	B	32,500	14	42	1/2 inch tip back, medium ear placement, GLS, good quality grain
	B	B	31,500	16	34	1/2 inch tip back, GLS in canopy, upright leaf, good grain quality
	A	B	35,000	14	40	Diplodia, 1/2 inch tip back, low GLS, good grain quality
	A	A	33,000	14	40	heavy Diplodia, 1/2 inch tip back, low GLS, upright leaf, good grain quality
	A	A	34,500	16	38	very leafy, 1/2 inch tip back, low amount of GLS & Diplodia, avg. grain quality
	A	A	33,000	16	34	1/2 inch tip back, low Rust & GLS, good grain quality
	A	A	33,000	16	36	upright leaf, tight husk, heavy GLS & Diplodia
	A	A	32,000	16	36	no tip back, light Diplodia, Rust & GLS, good grain quality
	B	A	33,500	16	34	no tip back, light Diplodia, Rust & GLS, good grain quality



MUDDY CREEK C-2



Entry	Brand	Hybrid	Trait	Harvest Weight	Harvest Moisture	Test Weight	Bushel/Acre	Yield Rank
1	CROPLAN	4975	VT3P	1,856	17.1	57.6	130.1	20
2	Becks	5337	SX	2,302	17.7	57.7	160.1	10
3	Pioneer	P0306	AM	2,120	16.7	57.1	149.3	18
4	DEKALB	DKC54-40RIB	VT2P	2,138	16.0	58	151.8	17
5	Pioneer	P0414	AM	2,184	16.6	57.2	154.0	15
6	DEKALB	DKC55-84RIB	VT2P	2,396	17.8	56.9	166.5	6
7	Pioneer	P0506	AM	2,328	17.8	57.4	161.8	9
8	DEKALB	DKC55-20RIB	DG/VT2P	2,372	16.9	56.3	166.6	5
9	Pioneer	P0574	AM	2,304	17.9	56.7	159.9	11
10	CROPLAN	4644	VT2P/RIB	1,996	16.6	56.5	140.7	19
11	CROPLAN	4791	A3111	2,538	17.4	56	177.2	3
12	DEKALB	DKC57-99RIB	VT2P	2,256	17.5	56.4	157.3	12
13	CROPLAN	4895	SS/RIB	2,240	17.0	57.6	157.2	13
14	Pioneer	P0825	AM	2,700	17.4	57.4	188.5	1
15	Mycogen	MY2A627 RA	SSX	2,492	17.5	55.7	173.8	4
16	Pioneer	P0843	AM	2,410	18.8	56.1	165.4	7
17	DEKALB	DKC58-08RIB	VT2P	2,194	17.7	56.9	152.6	16
18	NK	N68K	3111A	2,384	18.4	54.1	164.4	8
19	Pioneer	P01197	AM	2,574	18.1	56.8	178.2	2
20	CROPLAN	5290	SS/RIB	2,240	17.7	58.7	155.8	14
				Plot Average:	17.4	56.9	160.6	

Date Planted: May 17
 Planting Population: 34,000
 Row Width: 30 inch
 Soil Type: Silt/Clay
 Date Harvested: November 10, 2017

LATE SEASON EVALUATION

Stalk	Ear Shank	Final Stand	Rows	Kernels	Comments
A	A	27,500	14	32	>1/2 inch tip back, some bird damage, low GLS disease
B	A	29,500	12	28	<1 inch tip back, a lot of late emergers, green plants
B	A	33,000	16	26	1/2 inch tip back, some bird damage, quality grain, heavy GLS disease, some WBC
A	A	33,000	14	30	> 1/2 inch tip back, heavy bird damage, loose husks, consistent ears, heavy GLS disease
A	A	32,500	14	34	1/2 inch tip back, tall upright leaves, some diplodia, light bird damage, heavy GLS disease
A	A	30,500	16	27	1 inch tip back, loose husks, heavy bird damage, low GLS disease
A	A	30,000	16	30	1/2 inch tip back, green plants, some bird damage, low GLS & rust
A	B+	33,000	18	28	1 inch tip back, dropped ears, heavy bird damage, heavy GLS disease
B-	A	32,500	12	33	very little tip back, plants green, big kernels, ears upright, lots bird damage, low GLS disease
A	A	31,000	14	36	no tip back, diplodia, 1/2 ears up 1/2 dropped, heavy GLS disease
A	A	32,000	14	36	1/2 inch tip back, high ear placement, 1/2 ears up 1/2 dropped, low GLS disease
A	A	31,000	16	32	very little tip back, variable ear sizes, 1/2 ears up 1/2 dropped, heavy GLS disease
B	A	33,500	16	34	1/2 inch tip back, all ears dropped, heavy GLS disease
A	A	33,000	16	30	1 inch tip back, ears dropped, some diplodia, loose husks, some GLS disease
A	A	31,500	18	30	3/4 inch tip back, loose husk, consistent in ear size, appears will have light test weight, healthy looking plants, low GLS disease
A	A	28,000	14	30	1 inch tip back, higher ear placement, good looking plant health, good husks, low GLS disease
A	A	28,000	14	28	> 1/2 inch tip back, lower ear placement, some WBC, some Diplodia, wide variety in ear size, heavy GLS disease
A	B+	31,000	16	29	1 1/2 inch tip back, tight husk, low GLS disease
A	A	28,000	16	35	3/4 inch tip back, smaller stalks, low GLS disease
A	A	31,000	14	30	1 inch tip back, good grain quality, some WBC, low GLS disease

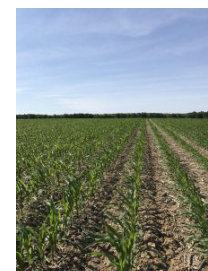


NEW LONDON C-2



Entry	Brand	Hybrid	Trait	Harvest Moisture %	Bushel/Acre	Yield Rank
1	DEKALB	DKC50-08RIB	SS	17.8	194.8	13
2	DEKALB	DKC51-38RIB	SS	17.8	193.8	15
3	DEKALB	DKC52-68RIB	VT2P	18.4	192.22	16
4	DEKALB	DKC53-56RIB	SS	18.2	191.4	17
5	Pioneer	P0339	AM	19.0	173.7	24
6	DEKALB	DKC54-38RIB	SS	18.5	198.9	11
7	DEKALB	DKC55-84RIB	SS	18.9	194.2	14
8	DEKALB	DKC57-97RIB	SS	19.3	214.02	3
9	DEKALB	DKC58-06RIB	SS	20.0	203.9	7
10	Pioneer	P0825	AM	19.2	215.9	2
11	DEKALB	DKC59-50RIB	VT2P	19.4	209.9	4
12	DEKALB	DKC61-54RIB	SS	21.1	187.4	21
13	DEKALB	DKC62-20RIB	VT2P	19.5	201.8	9
14	DEKALB	DKC62-52RIB	SS	19.4	190.0	19
15	DEKALB	DKC63-60RIB	SS	21.0	201.8	10
16	DEKALB	DKC64-34RIB	SS	21.8	190.0	20
17	DEKALB	DKC64-87RIB	SS	21.3	207.3	5
18	Becks	6158	AM	18.4	217.6	1
19	CROPLAN	4079	VT2PRIB	17.0	204.8	6
20	CROPLAN	4020	VT2P/RIB	16.7	184.8	23
21	CROPLAN	4975	VT3	18.4	196.7	12
22	CROPLAN	4644	VT2P/RIB	18.7	190.3	18
23	CROPLAN	4791	A3111	18.2	203.1	8
24	CROPLAN	4895	SS/RIB	20.5	187.1	22
			Plot Average:	19.1	197.7	

Date Planted: May 23
 Planting Population: 36,000
 Row Width: 30 inch
 Tillage: No Till
 Soil Type: Silt Loam
 Date Harvested: November 29, 2017



LATE SEASON EVALUATION

	Stalk	AEar Shank	Final Stand	Rows	Kernels	Comments
	A	A	31,500	16	28	good ear health, excellent plant health & grain quality
	B	B	31,000	16	23	loss of nitrogen, green stalks, excellent grain quality
	A	A	35,500	18	25	girthy ear/low ear placement, consistent tip, average health, some disease
	A	A	32,000	16	31	excellent health, consistent ears, good grain quality, excellent kernel depth
	A	A	28,500	18	30	average ear health, moisture high, loss nitrogen, poor stands, deep kernels
	A	B	30,500	14	29	tip back, , shallow kernel depth, plant health good, good grain quality
	A	A	33,000	18	26	leafy hybrid, excellent foliar health, lighter test weight, consistent ears
	A	A	34,000	14	28	taller plant, higher ear placement, excellent ear length, good husk cover, excellent health
	A	A	32,000	16	35	fired up, tip back, beautiful grain quality, good ear placement/shorter hybrid
	A	C	29,000	18	34	high test weight, pale grain color, excellent kernel depth, long ears, excellent health, flex hybrid
	A	A	34,000	16	33	fire up, good health, ears drop over, long ear shank, good foliar health
	A	A	28,500	18	24	excellent foliar health, consistent ears, average kernel depth, poor stand
	A	A	30,000	16	30	small/shorter ears, good TW & kernel depth, excellent health/staying green
	A	A	28,000	16	32	ears filled to tip, excellent kernel depth, high test weight, overall excellent foliar health, moderate firing
	A	A	35,000	16	25	great husk cover, excellent grain quality, tip back, wider kernels, fired up above ear
	A	A	31,000	16	31	excellent overall & ear health, very little firing, consistent ears, good TW
	A	A	31,000	16	38	excellent health, large ears, average test weight, consistent, very little firing
	A	A	33,000	14	35	ears down, high TW, avg. health, long slender ears, wet, avg kernel depth
	A	A	33,000	16	32	good grain color, long slender ears, avg. depth, good disease tolerance
	A	A	28,500	16	30	good ear length, avg. kernel depth, avg. health, fired up, consistent ears
	B	A	33,500	16	34	fired up, good top foliar disease, poor stalk quality, long ear type
	C	A	32,500	16	30	firing bad, slender upright leaves, 4/10 with Gibberela, bad stalks
	A	A	35,000	16	32	very leafy, excellent health, high TW, big deep kernels, excellent health
	A	A	30,500	16	34	bad firing, upright leaf, consistent ears, excellent kernel depth, good TW, Western Bean Cutworm, attractive grain

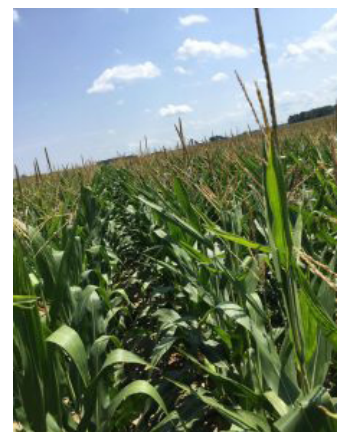




Entry	Brand	Hybrid	Trait	Harvest Moisture %	Bushel/Acre	Yield Rank
1	DEKALB	DKC50-08RIB	SS	13.7	222.0	13
2	Pioneer	P0157	AM	14.6	211.2	18
3	DEKALB	DKC51-38RIB	SS	13.4	206.1	20
4	DEKALB	DKC52-68RIB	VT2P	13.8	223.4	12
5	DEKALB	DKC53-56RIB	SS	14.3	216.3	16
6	DEKALB	DKC54-38RIB	SS	14.8	218.8	14
7	DEKALB	DKC55-20RIB	SS	14.3	228.9	8
8	Pioneer	P0506	AM	15.2	163.0	23
9	DEKALB	DKC55-84RIB	SS	15.4	227.3	11
10	DEKALB	DKC57-97RIB	SS	15.7	242.7	4
11	DEKALB	DKC58-06RIB	SS	16.9	218.4	15
12	DEKALB	DKC59-50RIB	VT2P	16.0	252.2	1
13	DEKALB	DKC62-20RIB	VT2P	16.4	227.4	10
14	DEKALB	DKC62-52RIB	SS	16.1	244.1	3
15	Becks	5828	AMX	16.2	235.7	6
16	CROPLAN	4488	SS/RIB	15.0	230.8	7
17	CROPLAN	4644	VT2P/RIB	16.0	214.3	17
18	CROPLAN	4791	A3111	15.9	227.5	9
19	CROPLAN	4895	SS/RIB	16.8	240.4	5
20	CROPLAN	6110	VT2P/RIB	18.5	210.0	19
21	CROPLAN	5290	SS/RIB	18.6	196.7	21
22	DEKALB	DKC64-34RIB	SS	18.3	245.3	2
23	CROPLAN	4975	VT3P/RIB	15.3	186.2	22
Plot Average:				15.7	221.2	

Date Planted: April 26
 Planting Population: 34,500
 Row Width: 30 inch
 Tillage: Strip Till
 Soil Type: Silty Clay Loam
 Date Harvested: October 23, 2017

Additional Comments:
 Entries 21 & 23 had inconsistent and poor stands, while entry 22 showed an excellent stand at harvest. Entry 8 also had a poor stand at harvest, while entry 6 had a thinner stand.



LATE SEASON EVALUATION

	Stalk	Ear Shank	Comments
	C-	A	No green leaves left
	B	B	
	B	A	good stand
	A	A	grain dry, low ear placement
	B	A	dry grain, consistent ear size
	B+	B	
	A	A+	consistent ear size
	B+	B+	poor stand, excellent staygreen
	B+	A	some double ears
	A	A	higher ear placement
	B	A	
	B-	A	
	A	A	goo, staying green
	A	A	good ear flex
	A	A	some gibberela
	B-	A	consistent ear size
	A	A	good staygreen
	A+	A	longer flex ear
	B-	A	shallow kernels
	A-	A	rust present, good grain quality
	A	A	impressive ears
	A+	A	excellent stalks and grain quality
	B	A	



OLD FORT C-1



Entry	Brand	Hybrid	Trait	Harvest Weight	Harvest Moisture %	Test Weight	Bushel/Acre	Yield Rank	
1	CROPLAN	4975	VT3P	1,358	15.5	58	195.6	19	
2	CROPLAN	4822	VT2P/RIB	1,432	14.8	59	208.0	17	
3	Croplan	X17105A	VT2P/RIB	1,452	16.1	58	207.7	18	
4	DEKALB	DKC55-20RIB	SS	1,546	15.8	58	221.9	10	
5	CROPLAN	4791	A3111	1,472	15.9	57	211.0	15	
6	CROPLAN	4895	SS/RIB	1,546	16.8	58.5	219.3	11	
7	DEKALB	DKC57-97RIB	SS	1,596	15.7	58	229.4	9	
8	DEKALB	DKC58-06RIB	SS	1,496	15.5	58	215.5	14	
9	Pioneer	P0825	AM	1,532	16.5	57	218.1	13	
10	CROPLAN	4997	VT2P/RIB	1,668	16.3	57	238.0	5	
11	DEKALB	DKC59-50RIB	VT2PRIB	912	17.0	58	129.0	20	
12	CROPLAN	6110	VT2P/RIB	1,474	16.5	59	209.8	16	
13	CROPLAN	5290	SS/RIB	1,540	16.8	59	218.4	12	
14	CROPLAN	5252	VT2P/RIB	1,686	16.3	58	240.6	4	
15	Mycogen	MY11C27 RA	SSX	1,724	15.0	58	249.8	2	
16	Becks	6158	AM	1,636	16.5	58	232.9	8	
17	DEKALB	DKC62-20RIB	VT2P	1,648	16.3	58	235.1	7	
18	DEKALB	DKC62-52RIB	SS	1,716	16.4	58.5	244.6	3	
19	DEKALB	DKC63-60RIB	SS	1,668	16.6	57.5	237.1	6	
20	DEKALB	DKC64-34RIB	SS	1,410	16.7	58	256.4	1	
Plot Average:				16.2	58.0	220.9			

Additional Comments:

Entry 11 experienced racoon damage.

Date Planted: April 19
 Planting Population: 33,000
 Row Width: 30 inch
 Tillage: Minimum Till
 Soil Type: Medium
 Date Harvested: November 1, 2017



LATE SEASON EVALUATION

Stalk	Ear Shank	Rows	Kernels	Comments
A	A	14	42	Average plant health, nice flex ear, Black layer on 9/6/2017
A	A	16	36	Low ear placement, Heavy rust pressure.
A	A	16	40	Tight husk, Heavy rust pressure.
A	A	18	38	Girthy ear, Better than average plant health.
A	B	14	42	Healthy plant, med. Tall, Lot of bio-mass.
A	B	14	36	Low ear placement, good plant health.
A	B	18	40	Above avg. plant health, skinny stalks.
A	B	18	38	Girthy ear, Good tip fill, average plant health.
A	B	16	38	white cob, Excellent plant health
A	B	18	40	Long narrow leaf, ran out of N.
A	A	16	40	Good flex, Excellent tip fill.
A	A	16	40	Above average plant health, med. Ear placement
A	B	18	40	Beautiful grain quality, High ear placement, Tall, upright ear, avg. health.
A	A	16	40	Heavy rust pressure, Needs N late
A	B	16	40	Semi erect leaf.
A	B	12	46	Upright leaf, Heavy leaf pressure, slender ear.
A	A	18	36	Blocky ear, High ear placement, Needs N late.
A	B	18	36	Girthy ear, ran out of N, Uniform ears.
A	B	16	40	Lots of Biomass, Nice stalks, maybe plot winner ?
A	B	14	42	High ear placement, healthy stalks.





Entry	Brand	Hybrid	Trait	Harvest Moisture %	Bushe/Acre	Yield Rank	
1	DEKALB	DKC63-60RIB	SS	28.5	176	4	
2	DEKALB	DKC62-20RIB	VT2P	27.7	174	5	
3	DEKALB	DKC61-54RIB	SS	28.6	195	1	
4	CROPLAN	6110	VT2P/RIB	28.4	195	2	
5	DEKALB	DKC62-52RIB	SS	28.3	174	6	
6	Becks	5828	AM	27.4	157	9	
7	DEKALB	DKC59-50RIB	VT2P	27.1	154	10	
8	CROPLAN	4895	SS	27.5	158	8	
9	DEKALB	DKC57-99RIB	VT2P	22.0	159	7	
10	CROPLAN	4791	AS3111/AGST	28.1	151	11	
11	CROPLAN	4644	DG/VT2P	25.3	137	12	
12	NK	N50D	3120	21.5	119	15	
13	DEKALB	DKC53-58RIB	VT2P	21.7	136	13	
14	Mycogen	MY02J57 RA	SSX	22.6	122	14	
15	Mycogen	MY2A627 RA	SSX	24.5	177	3	
			Plot Average:	25.9	158.9		

Date Planted: June 11
 Planting Population: 35,600
 Row Width: 30 inch
 Soil Type: Silt Loam
 Date Harvested: November 24, 2017



LATE SEASON EVALUATION

Stalk	Ear Shank	Final Stand	Rows	Kernels	Comments
A	A	35,500	16	30	Good plant health, excellent grain quality, higher test weight, firing in lower leaves
A	A	33,500	16	28	high ear placement, excellent health/tall, consistent ears, no firing
A	A	30,000	16	40	taller plant, excellent plant health, tight husk cover, consistent ears, excellent grain quality
A	A	34,500	16	42	leafy, tight husk, high test weight, green to ground, consistent ears
A	A	34,500	16	35	very leafy, excellent plant health, average ear size, average test weight, good stand
A	A	31,000	14	30	fired up, western bean feeding, corn earworm, good plant health, consistent ears
A	A	33,000	18	30	very little firing, excellent plant health, consistent ears, good ear placement, good test weight
A	A	34,500	16	33	nice grain color, long husk cover, consistent ears, good test weight, excellent health
A	A	30,500	18	32	excellent foliar health, higher ear placement, average test weight, consistent ear
A	A	34,500	14	26	tall plant, high ear placement, consistent ears, excellent health, very little firing
A	A	33,000	14	33	leafy, very green, consistent ears, very little tip back, average test weight
B	A	33,000	16	34	fired above ear, high test weight, tip back, flex ear, excellent grain quality, rubbery cobs
A	A	31,000	14	30	consistent ears, great health, filled to tips, excellent grain quality, above average test weight, small ears, consistent placement
B	B	28,500	18	27	very poor ears, thin stalks, fired above ear, tip back, corn earworms, average health, inconsistent ears
A	A	30,000	18	25	good plant health, lots tip back/kernel abortion, small ears, average test weight, some NCLB, little GLS, wide leaf, attractive plant, very inconsistent ears



SHREVE C-1



Entry	Brand	Hybrid	Trait	Harvest Moisture %	Bushel/Acre	Yield Rank	
1	DEKALB	DKC50-08RIB	SS	20.3	217.6	17	
2	DEKALB	DKC51-38RIB	SS	20.1	225.2	12	
3	Pioneer	P0157	AM	20.5	201.1	18	
4	DEKALB	DKC52-68RIB	VT2P	20.5	193.0	19	
5	DEKALB	DKC54-38RIB	SS	21.1	227.9	11	
6	DEKALB	DKC55-20RIB	SS	21.7	237.0	6	
6A	DEKALB	DKC55-84RIB	SS	21.4	231.2	10	
7	DEKALB	DKC57-97RIB	SS	21.6	245.1	4	
8	DEKALB	DKC58-06RIB	SS	22.6	235.6	7	
9	Pioneer	P0843	AM	22.4	246.0	2	
10	DEKALB	DKC59-50RIB	VT2PR	22.5	231.4	9	
11	DEKALB	DKC62-20RIB	VT2P	22.5	245.9	3	
12	DEKALB	DKC62-52RIB	SS	22.2	224.4	13	
13	DEKALB	DKC63-60RIB	SS	23.6	239.2	5	
14	DEKALB	DKC64-34RIB	SS	24.3	220.3	14	
15	DEKALB	DKC64-87RIB	SS	24.4	246.8	1	
16	DEKALB	DKC65-94RIB	SS	25.0	220.2	15	
17	CROPLAN	5290	SS/RIB	25.0	223.3	8	
18	CROPLAN	4895	SS/RIB	23.4	218.4	16	
			Plot Average:	22.0	228.4		

Date Planted: May 17
 Planting Population: 34,000
 Row Width: 30 inch
 Soil Type: Silt Loam
 Date Harvested: November 9, 2017



LATE SEASON EVALUATION

	Rows	Kernels	Comments
	14	37	consistent ears, average test weight, spongy cobb/small
	16	30	consistent ears, good test weight, upright plant canopy
	14	37	variable ear hieght, flex ears, poor stand, staying green
	18	33	short girthy ear, consistent ear placement & size, average TW
	16	36	consistent ears, loose husk cover, ear coming out of husk at end
	18	24	girthy ears, tight husk cover, long husk cover, good choice for heavy bird areas
	16	37	good dry down, variable ears, leafy plant, firing
	16	35	consistent ears & ear placement, overall good health/grain quality
	16	33	long slender ear, average grain quality, healthy plant
	16	30	good grain quality, wet, tight husk, weak shanks
	16	32	deep kernels, staying green, weak stalks, good grain quality
	14	36	Western Bean Cutworm present, high ear placement, girthy ear, healthy
	18	31	quick dry down, staying green, consistent ears, good grain quality
	14	40	zipper ears, runs out of Nitrogen, great grain color, average TW
	18	36	little tip back, consistent ears, excellent grain quality
	16	39	very consistent ear size/ear placement, good test weight
	16	32	plants staying green, consistent ears, excellend test weight
	16	35	consistent ear placement, high ear placement, average test weight
	16	34	loose husk cover, staying green, average test weight



TIFFIN C-2



Entry	Brand	Hybrid	Trait	Harvest Weight	Harvest Moisture %	Test Weight	Bushe/Acre	Yield Rank
1	Agrigold	6499	VT2P	2,058	22.1	58.7	213.0	36
2	Agrigold	6572	VT2P	2,282	22.9	57.5	233.7	14
3	Agrigold	6579	VT2P	2,201	25.0	56.2	219.3	33
4	DEKALB	DKC64-34RIB	SS	2,090	24.6	55	209.3	37
5	Agrigold	6544	VT2	2,312	24.1	56.2	233.1	15
6	DEKALB	DKC63-60RIB	SS	2,074	24.2	57	208.8	38
7	Agrigold	642-59	STX	2,080	22.5	57.1	214.1	34
8	CROPLAN	5290	SS	2,372	21.7	57.5	246.7	1
9	Agrigold	6499	STX	2,165	22.7	58.5	222.3	30
10	DEKALB	DKC62-52RIB	VT2P	2,268	22.0	56.4	235.0	10
11	DEKALB	DKC62-20RIB	VT2P	2,333	22.1	56	241.4	3
12	Agrigold	6488	VT2	2,174	21.4	58.1	227.0	23
13	Agrigold	6462	STX	2,199	21.4	58.1	229.6	21
14	CROPLAN	6110	VT2P/RIB	2,348	22.4	56.8	242.0	2
15	Agrigold	6458	VT2	1,898	20.4	54.8	200.7	39
16	Agrigold	XA41603	VT2	2,064	19.6	56.2	220.4	31
17	Agrigold	6499	STX	2,240	21.7	60.1	233.0	16
18	Agrigold	6462	VT2	2,166	21.2	57.2	226.7	24
29	Agrigold	6442	VT2	2,226	20.1	59	236.3	9
20	CROPLAN	4895	SS/RIB	2,250	20.7	59	237.0	8

Date Planted: June 1
 Planting Population: 33,000
 Row Width: 30 inch
 Tillage: Minimum Till
 Soil Type: Coarse
 Date Harvested: November 28, 2017

LATE SEASON EVALUATION

	Stalk	Ear Shank	Comments
	C-	C-	Ave height, tried putting on 2 ears at main ear
	A	A-	Healthy plant, lighter green, aphids, long narrow ears
	A-	A-	Pale yellow, shorter girthy ears with funny tip
	B	B	Long stringy nodal roots, dense canopy, lots of aphids
	A	A	upright leav, very long ear
	A	A	Pale green plant
	A	A	Healthy plant
	B	B	Lots of husk cover, plant hides ears
	C	D-	Dense canopy
	C	B	Dense canopy, filled to tip
	A	A-	Not dense, narrow leaves, flatter kernels
	B	B	Upright leaves
	B-	A-	Tighter husks
	B-	B	Darker green, long/skinny ears
	A	A-	Ears coming out of husks, tip back, girthy ear
	B-	B	Tall plant, high ear placement, Nitrogen deficiency
	C	A	GLS, dark green, filled to tip, Fusarium
	A-	B	Tall with high ear placement
	A-	A	Dark green plant

TIFFIN C-2 CONT'D



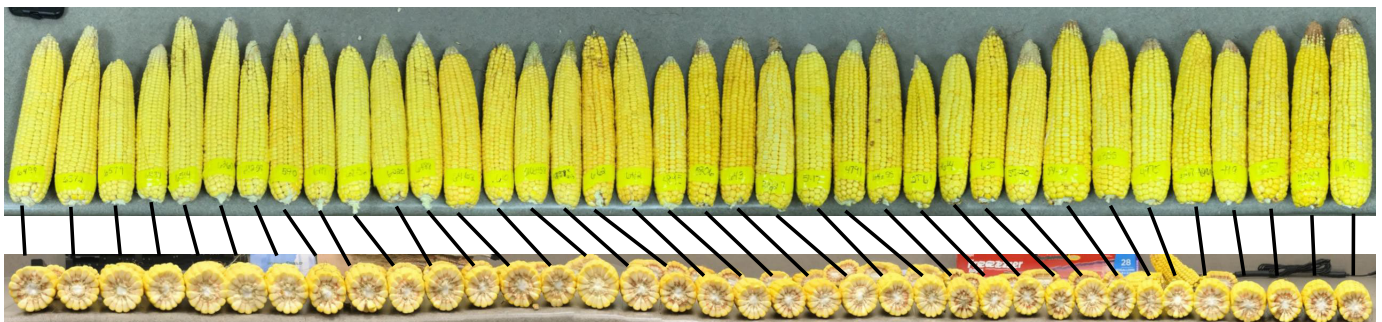
Entry	Brand	Hybrid	Trait	Harvest Weight	Harvest Moisture %	Test Weight	Bushel/Acre	Yield Rank
21	DEKALB	DKC58-06RIB	SS	2,246	20.2	59.2	238.1	7
22	Agrigold	A6413	VT2	2,206	20.0	56.4	234.4	11
23	Mycogen	MY2A627	SSXRA	2,302	21.9	56.8	238.8	5
24	DEKALB	DKC57-97RIB	SS	2,250	19.9	57.9	239.7	4
25	CROPLAN	4791	A3111	2,080	20.5	57	220.3	32
26	Agrigold	A636-55	VT2	2,158	18.7	60.7	234.1	12
27	Mycogen	MY2T619	SSXRA	2,054	18.9	59.9	222.6	29
28	CROPLAN	4644	VT2P	2,190	18.6	58.2	238.5	6
29	Agrigold	A6351	VT2	2,098	18.3	61	229.7	20
30	DEKALB	DKC55-20RIB	SS	2,056	18.0	57.4	226.2	26
31	DEKALB	DKC54-38RIB	SS	2,052	18.4	59.7	225.0	27
32	Agrigold	A6355	VT2	2,028	17.9	58.1	224.1	28
33	CROPLAN	4975	VT3P/RIB	2,102	17.4	60.2	234.0	13
34	Agrigold	A6267	VT2P/RIB	2,070	17.0	59	231.9	17
35	CROPLAN	4199	SS/RIB	2,032	17.6	60.1	226.3	25
36	Agrigold	A6257	VT2P/RIB	2,058	17.0	59.2	231.2	18
37	CROPLAN	4079	SS/RIB	1,933	18.6	54.1	213.3	35
38	Agrigold	A6199	VT2P/RIB	2,022	17.0	58.4	227.9	22
39	Agrigold	A6499	VT2P/RIB	2,147	21.1	57	230.3	19
Plot Average:				20.5	57.8	228.1		

Date Planted: June 1
 Planting Population: 33,000
 Row Width: 30 inch
 Tillage: Minimum Till
 Soil Type: Coarse
 Date Harvested: November 28, 2017



LATE SEASON EVALUATION

	Stalk	Ear Shank	Comments
	C-	B	Narrow plant, little Fusarium
	A	B	Lush
	A-	A-	GLS present, ears coming out of husk, square kernel
	B	B	High ear placement, broad leaves
	A	B	Dark green plants, GLS present, very dense, aphids
	B-	B	Narrow plant, hides ears, pale husk, red kernels
	B	A-	Lots of husk at the tip
	A	B	Light colored kernel
	B	A-	stalk disease, long/narrow ear, Fusarium on kernels
	A-	A-	Healthy plant, square kernels
	C	B	blowing out husks, Fuousrium on kernels
	A	B	leaf disease
	B	B	High ears
	B-	B	Fired up to ear, not dense
	A-	B	Stalk dark green
	A	B	Lush, some Fusarium and GLS
	B	B	Healthy plant
	B-	B	GLS present



CORN VARIETY PLOTS | SOUTH

Brand	Variety	# of Entries	Average Yield	Average Index
DEKALB	DKC64-34RIB	10	240.6	105.8
DEKALB	DKC63-60RIB	11	229	103.4
Pioneer	P1197	7	225	103.3
CROPLAN	5678	3	245.3	102.9
CROPLAN	5290	10	231.9	102.1
DEKALB	DKC62-20RIB	12	224.9	101.7
Pioneer	PO843	5	214.9	101.4
DEKALB	DKC64-87RIB	11	225.9	101.3
Mycogen	MY2C786	5	225.9	101.3
DEKALB	DKC62-52RIB	6	234	100.9
CROPLAN	4895	7	230.6	100.5
DEKALB	DKC65-94RIB	3	237	100.4
Mycogen	MY2C797	6	227.6	100.1
Becks	6158	5	214.2	99.4
CROPLAN	4791	5	202.3	99
Mycogen	MY09V41	3	202.2	98.9
Becks	5828	6	206.9	98.8
CROPLAN	6594	10	224.4	98.6
CROPLAN	4644	7	212.9	97.4
DEKALB	DKC59-50RIB	3	194.2	97
CROPLAN	6110	10	220	96.8
DEKALB	DKC61-54RIB	6	212.1	96.5
Mycogen	MY11C27RA	9	206.4	91.4

** Varieties are ranked based on index to average, not average yield. 100 is the average for all varieties across all plots.

For example, DKC64-34RIB has an average index of 105.8. Meaning, it performed 5.8 higher than what was considered the average yield across all plots the entry was in. MY11C27RA has an average index of 91.4. This means it performed 8.6 lower than what was considered the average yield across all plots the entry was in.

CORN SIDE X SIDES-SOUTH

TRIAL 1

Location: Osgood

Brand	Hybrid	Traits	Bushel/Acre	Yield Rank
DEKALB	DKC61-88RIB	SS	192.6	2
DEKALB	DKC62-98RIB	SS	174.2	3
CROPLAN	6110	VT2P	200.1	1

TRIAL 3

Brand	Hybrid	Traits	Bushel/Acre	Yield Rank
Stewart	12DP787	VT2PRIB	258.5	2
CROPLAN	5290	SS	260.5	1
Stewart	8E623	VT2P/RIB	258.0	3

TRIAL 2

Brand	Hybrid	Traits	Bushel/Acre	Yield Rank
Stewart	10DP457	VT2P/RIB	264.5	2
CROPLAN	5678	SS	265.5	1

TRIAL 4

Brand	Hybrid	Traits	Bushel/Acre	Yield Rank
Agrigold	6499	VT2P/RIB	242.4	3
CROPLAN	X7113	RR/Xtend	255.7	1
Stewart	8D503	DG/VT2P/RIB	250.4	2

TRIAL 5

Brand	Hybrid	Traits	Bushel/Acre	Yield Rank
CROPLAN	6594	SS	246.1	1
SC	Exp112		240.9	2

Trials 2-5 all include the following information:

Date Planted: April 24

Location: Warren County

Date Harvested: October 4

TRIAL 6

Location: Washington Courthouse

Brand	Hybrid	Traits	Bushel/Acre	Yield Rank
Pioneer	P1442	AM	236.4	3
Seed Consultants	1146AQ	VT2P	232.3	4
DEKALB	DKC64-34RIB	SS	247.9	1
DEKALB	DKC64-87RIB	SS	237.6	2

TRIAL 7

Brand	Hybrid	Traits	Bushel/Acre	Yield Rank
DEKALB	DKC61-55RIB	SS	223.1	1
Pioneer	P0506	AM	192.0	2

TRIAL 8

Location: Washington Courthouse

Brand	Hybrid	Traits	Bushel/Acre	Yield Rank
Seed Consultants	1125	YHR	212.1	3
DEKALB	DKC62-20RIB	VT2P	214.1	2
Seed Consultants	1128AQV	VT2P	217.8	1

TRIAL 9

Location: Wapakoneta

Brand	Hybrid	Traits	Bushel/Acre	Yield Rank
DEKALB	DKC62-20RIB	SS	260.4	2
Pioneer	P0843	AM	250.7	3
DEKALB	DKC62-20RIB	SS	263	1
Pioneer	P0843	AM	250.6	4

TRIAL 10

Location: Osgood

Brand	Hybrid	Traits	Bushel/Acre	Yield Rank
DEKALB	DKC60-67RIB		180.8	2
Pioneer	P0843	AM	177.6	3
DEKALB	DKC64-87RIB	SS	189.0	1

TRIAL 11

Location: Osgood

Brand	Hybrid	Traits	Bushel/Acre	Yield Rank
Pioneer	P1197	AM	166.2	4
DEKALB	DKC57-99RIB	VT2P	181.6	3
CROPLAN	6265		188.7	1
Pioneer	P0506	AM	188.1	2

TRIAL 12

Location: Greene County

Brand	Hybrid	Traits	Bushel/Acre	Yield Rank
CROPLAN	5290	DG/VT2P/RIB	242.2	1
LG Seeds	LG5607	VT2P/RIB	230.9	2

TRIAL 13

Location: Greene County

Brand	Hybrid	Traits	Bushel/Acre	Yield Rank
LG Seeds	LG5618	STX/RIB	240.5	3
DEKALB	DKC62-20RIB	SS	254.1	1
LG Seeds	LG5616	3000GT	251.2	2

TRIAL 13

Location: Greene County

Brand	Hybrid	Traits	Bushel/Acre	Yield Rank
LG Seeds	LG5643	VT2P/RIB	252.1	2
DEKALB	DKC64-34RIB	SS	266.7	1
LG Seeds	LG5607	VT2P/RIB	233.0	3

Sunrise
COOPERATIVE
Success grows here.



Date Planted: May 18
Planting Population: 34,000
Row Width: 30 inch

Tillage: Strip Till
Soil Type: Fine
Date Harvested: November 27, 2017

Entry	Brand	Hybrid	Trait	Late Season Evaluation		Harvest Weight	Harvest Moisture %	Test Weight	Bushel/Acre	Yield Rank
				Rows	Kernels					
1	CROPLAN	4644	VT2P/RIB	14	34	4,314	16.8	58.8	247.8	14
2	CROPLAN	4895	SS/RIB	18	34	4,566	17.7	58.3	259.4	10
3	Mycogen	MY09V41	RR2	18	34	4,678	18.6	57.8	262.9	7
4	CROPLAN	6110	VT2P/RIB	16	36	4,760	18.2	58.7	268.8	5
5	Becks	5828	AMX	14	38	4,478	17.1	58.8	256.3	12
6	Mycogen	MY11C27 RA	SS	14	35	2,846	17.9	58	161.3	16
7	DEKALB	DKC61-54RIB	SS	18	35	4,590	18.1	59.7	259.5	9
8	Pioneer	P1197	AM	16	38	4,882	18.3	58	275.3	2
9	DEKALB	DKC62-20RIB	VT2P	16	35	4,310	17.6	58.4	245.2	15
10	CROPLAN	5290	SS	18	37	4,460	18.8	59.1	250.0	13
11	DEKALB	DKC63-60RIB	SS	18	36	4,896	19.2	59.5	273.1	3
12	CROPLAN	6594	SS/RIB	16	42	4,766	19.9	56.5	263.5	6
13	DEKALB	DKC64-87RIB	SS	18	41	4,910	20.4	56.8	269.8	4
14	DEKALB	DKC64-34RIB	SS	16	44	5,042	19.4	58.7	280.5	1
15	DEKALB	DKC65-94RIB	SS	16	40	4,630	18.9	61	259.2	11
16	CROPLAN	5678	SS	16	39	4,692	19.6	60.1	260.4	8
Plot Average:						18.5	58.6	255.8		



LANCASTER C-1



Date Planted: May 10
Planting Population: 34,000
Row Width: 30 inch

Tillage: No Till
Soil Type: Medium
Date Harvested: October 17, 2017

Entry	Brand	Hybrid	Trait	Late Season Evaluation		Harvest Weight	Harvest Moisture %	Test Weight	Bushel/Acre	Yield Rank	
				Rows	Kernels						
1	Pioneer	P0843	AM	14	35	2,417	18.5	57.5	220.2	9	
2	CROPLAN	4644	VT2P/RIB	16	36	2,342	18.6	57.2	216.7	12	
3	Becks	5828	AMX	16	36	2,352	19.0	54	212.6	14	
4	CROPLAN	6110	VT2P/RIB	18	36	2,117	19.1	57.5	190.8	17	
5	Mycogen	MY11C27 RA	SSX	18	36	2,387	18.8	54.5	215.9	13	
6	DEKALB	DKC61-54RIB	SS	14	36	2,301	19.1	59.4	206.6	16	
7	Pioneer	P1197	AM	16	33	2,549	18.9	55.6	228.2	5	
8	DEKALB	DKC62-20RIB	VT2P	18	30	2,470	18.7	56.3	222.0	8	
9	CROPLAN	5290	SS/RIB	16	38	2,631	19.5	57.7	231.7	3	
10	Mycogen	MY2C786	SSX	18	34	2,547	21.9	53	218.0	11	
11	DEKALB	DKC63-60RIB	SS	14	38	2,636	19.4	56.4	234.5	2	
12	CROPLAN	6594	SS/RIB	18	31	2,380	19.4	55.8	211.7	15	
13	Mycogen	MY2C797 RA	SSX	16	40	2,730	20.3	53	239.7	1	
14	Becks	6365	AMX	14	35	2,453	19.5	54.9	218.3	10	
15	DEKALB	DKC64-34RIB	SS	20	36	2,617	18.8	56.3	230.0	4	
16	DEKALB	DKC64-87RIB	SS	16	35	2,580	19.6	56	227.7	6	
17	DEKALB	DKC65-94RIB	SS	20	39	2,586	20.4	58.7	226.0	7	
18	CROPLAN	5678	SS	16	40						
						Plot Average:	19.4	56.1	220.6		





Date Planted: May 15
Planting Population: 34,000
Row Width: 30 inch

Tillage: Conventional
Soil Type: Silt Loam
Date Harvested: November 2017

Entry	Brand	Hybrid	Trait	Late Season Evaluation		Harvest Moisture %	Bushel/ Acre	Yield Rank
				Rows	Kernels			
1	DEKALB	DKC57-97RIB	SS	14	36	17.9	243.9	2
2	Pioneer	P0843	AM	14	32	18.6	224.8	21
3	DEKALB	DKC58-06RIB	SS	18	38	17.6	238.2	6
4	DEKALB	DKC59-50RIB	VT2P	16	36	18.1	230.2	12
5	Pioneer	P1197	AM	16	36	18.7	243.1	3
6	DEKALB	DKC61-54RIB	SS	18	36	19.1	233.8	8
7	DEKALB	DKC62-20RIB	VT2P	16	34	18.3	238.0	7
8	DEKALB	DKC62-52RIB	SS	18	36	18.8	248.3	1
9	DEKALB	DKC63-60RIB	SS	14	36	19.4	241.4	4
10	Pioneer	P1443	AM	18	35	17.5	239.4	5
11	DEKALB	DKC64-87RIB	SS	18	42	18.2	230.6	11
12	DEKALB	DKC64-34RIB	SS	16	38	18.3	225.3	19
13	DEKALB	DKC65-94RIB	VT2P	16	34	18.5	228.7	14
14	CROPLAN	4791	AS 3111	14	42	17.3	210.6	26
15	CROPLAN	4997	VT2P	16	38	19.3	233.5	9
16	CROPLAN	6110	VT2P	18	38	17.8	229.3	13
17	CROPLAN	5252	VT2P	16	38	19.1	225.9	18
18	CROPLAN	5277	AS3000 /GT	16	34	17.6	226.5	15
19	CROPLAN	5290	SS	16	36	17.7	231.6	10
20	CROPLAN	6594	SS	18	34	17.7	220.4	22
21	CROPLAN	5678	SS	16	40	17.6	225.2	20
22	Agrigold	A6544	SS/RIB			17.8	217.5	23
23	Agrigold	A6572	SS/RIB			17.6	225.9	17
24	Golden Harvest	G09A86	3000GT			17.6	216.6	24
25	Golden Harvest	G09Y24	3220A			17.6	212.2	25
26	Golden Harvest	G07F23	3111			19.4	226.1	16
Plot Average:						18.2	229.5	





Date Planted: April 28
Planting Population: 34,000
Row Width: 30 inch

Tillage: Conventional
Soil Type: Medium
Date Harvested: October 26, 2017

Entry	Brand	Hybrid	Trait	Late Season Evaluation		Harvest Weight	Harvest Moisture %	Bushel/Acre	Yield Rank
				Rows	Kernels				
1	CROPLAN	4791	AS3111	16	42	4,060	15.0	175.3	12
2	Mycogen	MY09V41	RR2	18	40	3,740	15.2	161.1	16
3	CROPLAN	6110	SS	16	42	4,020	15.0	173.6	14
4	Becks	6158	AM	20	46	4,240	15.1	182.9	10
5	Mycogen	MY11C27 RA	SSX	16	40	4,280	15.9	182.9	11
6	CROPLAN	5277	AS300GT	14	34	4,360	15.6	186.9	7
7	DEKALB	DKC62-52RIB	SS	18	40	4,300	15.1	185.5	9
8	DEKALB	DKC62-20RIB	SS	18	38	4,420	15.4	190.0	3
9	CROPLAN	5290	SS	16	40	4,400	15.2	189.6	4
10	Becks	6365	AMX	20	42	4,360	15.1	188.1	6
11	DEKALB	DKC63-60RIB	SS	14	42	4,720	15.4	202.9	1
12	CROPLAN	6594	SS	16	42	4,020	15.4	172.8	15
13	Mycogen	MY2C797	SSX	16	38	3,320	15.2	175.1	13
14	DEKALB	DKC64-34RIB	SS	18	38	3,640	15.0	192.4	2
15	DEKALB	DKC64-87RIB	SS	16	40	3,600	15.7	188.7	5
16	Great Lakes	6185	VT2P/RIB			3,560	15.7	186.6	8
Plot Average:							15.3	183.4	

Additional Comments:

Entries 13-16 had 221 feet less harvested than entries 1-12.





Date Planted: April 24
Planting Population: 32,500
Row Width: 30 inch

Tillage:
Soil Type: Coarse
Date Harvested: October 16, 2017

Entry	Brand	Hybrid	Trait	Late Season Evaluation		Harvest Weight	Harvest Moisture %	Test Weight	Bushel/Acre	Yield Rank
				Rows	Kernels					
1	CROPLAN	4488	SS/RIB	16	39	5,060	17.0	57.7	171.8	8
2	CROPLAN	4644	VT2P/RIB	16	38	4,400	18.6	56.6	146.5	19
3	DEKALB	DKC57-97RIB	SS	18	34	4,560	18.0	57.3	153.0	18
4	CROPLAN	4791	AS3111	14	46	5,070	18.2	56.1	169.7	10
5	DEKALB	DKC58-06RIB	SS	18	40	4,870	18.7	58	162.0	12
6	CROPLAN	4895	SS/RIB	16	34	5,550	18.0	58.1	186.2	2
7	CROPLAN	6110	VT2P/RIB	16	40	5,280	19.7	56.4	173.5	6
8	DEKALB	DKC61-54RIB	SS	16	41	4,880	19.5	57.4	160.7	13
9	Pioneer	P1197	AM	14	42	4,720	18.2	56.7	158.0	16
10	Becks	6158	AM	18	40	4,750	17.4	57.6	160.5	14
11	DEKALB	DKC62-20RIB	VT2P	18	42	5,120	18.3	57.6	171.1	9
12	DEKAKB	DKC63-60RIB	SS	18	38	5,530	19.0	58	183.3	3
13	CROPLAN	6594	SS/RIB	18	39	5,280	19.4	56.1	174.1	5
14	DEKALB	DKC64-34RIB	SS	18	36	5,250	19.5	58	172.9	7
15	DEKALB	DKC64-87RIB	SS	16	43	4,700	18.8	57	156.1	17
16	Becks	5828	AMX	14	45	5,060	18.2	58.5	169.3	11
17	Becks	5140	HR	14	43	5,320	17.1	59.3	180.4	4
18	Becks	6225	HR	14	39	5,820	19.4	59.4	191.9	1
19	ARMOR	909				4,690	20.1	56.3	158.6	15
Plot Average:							18.6	57.5	168.4	



STARBUCK C-1



Date Planted: April 27
Planting Population: 37,000
Row Width: 20 inch

Tillage: Conventional
Soil Type: Fine
Date Harvested: October 20, 2017

Entry	Brand	Hybrid	Trait	Late Season Evaluation		Harvest Weight	Harvest Moisture %	Test Weight	Bushel/Acre	Yield Rank
				Rows	Kernels					
1	CROPLAN	4644	VT2P/RIB	18	32	4,516	17.8	57.4	273.4	3
2	CROPLAN	4895	SS/RIB	16	34	4,532	18.0	58.3	273.7	2
3	CROPLAN	4791	AS 3111	16	38	4,372	18.9	56.1	259.0	10
4	CROPLAN	X17105A	VT2/PRIB	16	36	3,998	16.3	57.1	244.5	13
5	Mycogen	MY2A627 RA	SSX	16	40	3,802	20.0	55.4	222.2	18
6	CROPLAN	6110	VT2P	16	39	4,134	19.4	57.7	243.4	14
7	Mycogen	MY11C27 RA	SSX	14	34	3,800	21.0	55.7	217.3	19
8	DEKALB	DKC62-52RIB	SS	16	38	4,342	18.8	57.7	255.2	12
9	DEKALB	DKC62-20RIB	VT2P	16	36	4,640	18.9	58	272.3	5
10	CROPLAN	5290	SS/RIB	18	36	4,580	20.2	58.2	263.3	7
11	Mycogen	MY2C786	SSX	20	32	4,338	23.0	53.2	240.6	16
12	DEKALB	DKC63-60RIB	SS	18	34	4,760	20.2	58.3	273.2	4
13	Becks	6365	AMX	18	36	4,170	19.8	55.9	240.5	17
14	CROPLAN	6594	SS	16	39	4,474	19.8	57.8	257.6	11
15	DEKALB	DKC64-34RIB	SS	18	36	4,954	20.7	56.7	282.1	1
16	DEKALB	DKC64-87RIB	SS	20	40	4,714	20.0	57	270.8	6
17	CROPLAN	5678	SS	16	36	4,652	22.2	56.7	259.9	9
18	CROPLAN	7927	VT3P/RIB	16	38	4,612	21.2	56	260.1	8
19	Great Lakes	6259	VT2P	16	36	4,128	18.2	58.5	241.7	15
Plot Average:							19.7	56.9	255.3	





Date Planted: May 10
Planting Population: 34,000
Row Width: 30 inch

Tillage: No Till
Soil Type: Coarse
Date Harvested: October 26, 2017

Entry	Brand	Hybrid	Trait	Late Season Evaluation		Harvest Weight	Harvest Moisture %	Bushel/Acre	Yield Rank
				Rows	Kernels				
1	CROPLAN	4644	VT2P/RIB	16	44	3,310	19.9	197.2	18
2	Becks	5828	AMX	16	32	3,438	20.5	203.3	15
3	CROPLAN	6110	VT2P/RIB	14	42	3,334	21.7	197.1	19
4	Mycogen	MY11C27 RA	SSX	14	34	3,068	17.3	192.2	21
5	DEKALB	DKC61-54RIB	SS	14	36	2,890	18.2	179.3	23
6	Pioneer	P1197	AM	14	38	3,556	19.5	217.4	5
7	Becks	6158	AM	16	32	3,448	20.6	208.2	12
8	DEKALB	DKC62-20RIB	VT2P	16	38	3,454	21.5	208.3	11
9	Seed Consultants	1105		18	30	3,160	19.5	195.9	20
10	CROPLAN	5290	SS/RIB	14	42	3,366	20.5	210.5	9
11	DEKALB	DKC63-60RIB	SS	14	30	3,306	20.6	207.9	13
12	CROPLAN	6594	SS/RIB	16	32	2,978	20.4	188.9	22
13	Mycogen	MY2C797	SSX	18	42	3,206	22.1	201.7	17
14	DEKALB	DKC64-34RIB	SS	16	38	3,550	21.2	227.4	1
15	DEKALB	DKC64-87RIB	SS	16	40	3,402	21.4	218.8	3
16	Pioneer	P1443	AM	18	30	3,272	22.2	211.1	8
17	CROPLAN	5678	SS	14	40	3,340	22.7	215.6	6
18	Golden Harvest	G12W66	3000 GT	14	40	3,254	21.9	212.2	7
19	Golden Harvest	G10T63	3120 E2	14	34	3,160	20.9	208.7	10
20	Golden Harvest	G09Y24	3220 E2	16	40	3,278	20.2	218.4	4
21	Golden Harvest	G09A26	3111	16	36	2,488	19.2	168.5	24
22	Golden Harvest	G07F23	3111	16	38	3,058	21.2	202.0	16
23	CROPLAN	X16114A	SSX	18	42	3,082	20.8	204.6	14
24	CROPLAN	X17113A	VT2P	16	43	3,374	20.5	224.9	2
						Plot Average:	20.6	205.0	



UNIOPOLIS C-1



Date Planted: April 28
Planting Population: 33,000
Row Width: 30 inch

Tillage: Conventional
Soil Type: Silt Loam
Date Harvested: December 1, 2017

Entry	Brand	Hybrid	Trait	Late Season Evaluation		Harvest Moisture %	Bushel/Acre	Yield Rank
				Rows	Kernels			
1	CROPLAN	4488	SS/RIB	16	44	17.3	253.8	11
2	CROPLAN	4644	VT2P/RIB	16	38	15.8	261.9	6
3	CROPLAN	4791	AS3111	14	42	16.5	262.5	4
4	CROPLAN	4895	SS/RIB	16	36	15.9	239.5	14
5	Pioneer	P0843	AM	18	42	16.2	257.5	9
6	DEKALB	DKC59-50RIB	VT2PRIB	16	45	16.3	259.0	8
7	Becks	6158	AM	18	46	16.7	262.2	5
8	CROPLAN	5290	SS/RIB	16	39	16.5	259.4	7
9	DEKALB	DKC62-20RIB	VT2P	18	37	17.0	244.1	13
10	DEKALB	DKC62-52RIB	SS	16	41	16.2	256.4	10
11	DEKALB	DKC63-60RIB	SS	16	44	16.7	248.2	12
12	DEKALB	DKC64-87RIB	SS	16	41	16.9	265.3	3
13	DEKALB	DKC64-34RIB	SS	14	41	17.5	265.9	2
14	Wellman	W2609	DP	16	39	17.6	272.9	1
Plot Average:						16.7	257.8	





Date Planted: May 18
Planting Population: 36,000
Row Width: 30 inch

Tillage: Minimum
Soil Type: Clay Loam
Date Harvested: November 27, 2017

Entry	Brand	Hybrid	Trait	Late Season Evaluation		Harvest Moisture %	Bushel/Acre	Yield Rank
				Rows	Kernels			
1	DEKALB	DKC57-97RIB	SS	16	36	16.9	229.9	9
2	Pioneer	P0843	AM	16	28	17.3	247.0	3
3	DEKALB	DKC58-06RIB	SS	16	34	17.3	214.4	15
4	DEKALB	DKC59-50RIB	VT2P	16	36	17.0	228.6	10
5	Pioneer	P1197	AM	18	33	18.3	263.4	1
6	DEKALB	DKC61-54RIB	SS	14	38	18.3	232.8	8
7	DEKALB	DKC62-20RIB	VT2P	16	34	17.2	238.9	5
8	DEKALB	DKC62-52RIB	SS	18	34	17.9	226.2	12
9	DEKALB	DKC63-60RIB	SS	16	30	17.5	212.1	16
10	DEKALB	DKC64-87RIB	SS	18	26	17.6	228.2	11
11	DEKALB	DKC64-34RIB	SS	16	36	18.4	252.2	2
12	CROPLAN	4997	VT2P/RIB	18	34	16.9	233.1	6
13	CROPLAN	6110	VT2P/RIB	14	40	17.3	220.3	14
14	CROPLAN	5290	SS/RIB	18	35	18.9	225.8	13
15	CROPLAN	6594	SSX	16	40	17.5	240.2	4
16	DEKALB	DKC63-87RIB	SS	16	32	17.4	233.0	7
				Plot Average:		17.6	232.9	



WAPAK C-1



Date Planted: May 15
Planting Population: 32,000
Row Width: 30 inch

Tillage: Conventional
Soil Type: Fine
Date Harvested: October 17, 2017

Entry	Brand	Hybrid	Trait	Late Season Evaluation		Harvest Weight	Harvest Moisture %	Bushel/Acre	Yield Rank
				Rows	Kernels				
1	CROPLAN	4644	VT2P/RIB	14	34	4,445	17.4	161.3	14
2	CROPLAN	4791	AS3111	14	42	4,752	18.9	169.4	11
3	CROPLAN	4895	SS/RIB	16	38	4,332	18.9	154.3	17
4	Pioneer	P0843	AM	16	36	5,226	19.2	185.5	6
5	DEKALB	DKC59-50RIB	VT2P	16	42	5,715	19.3	202.6	1
6	Becks	5828	AMX	14	38	4,543	19.1	161.4	13
7	DEKALB	DKC62-20RIB	VT2P	14	42	4,453	17.9	160.6	15
8	CROPLAN	5290	DG/SS/RIB	16	40	5,352	20.5	186.9	4
9	DEKALB	DKC63-60RIB	SS	16	34	5,416	20.8	188.4	3
10	DEKALB	DKC64-35RIB	VT2P	16	38	4,964	20.9	172.4	9
11	DEKALB	DKC64-87RIB	SS	18	39	4,863	20.9	168.9	12
12	Mycogen	MY09V41	RR2	18	38	5,218	20.3	182.6	7
13	Mycogen	MY11B21	SSX	16	38	5,095	19.9	179.3	8
14	Mycogen	MY11C27 RA	SSX	18	32	4,610	22.3	157.3	16
15	Mycogen	MY2C786	SSX	18	32	5,482	22.8	185.9	5
16	Mycogen	MY06R31	RR2	14	40	5,667	20.5	197.9	2
17	Mycogen	MY2J57 RA	SSX	18	36	4,768	19.0	169.6	10
18	Mycogen	MY2T619 RA	SSX	14	32	3,858	19.7	136.1	19
19	Mycogen	MY2C786	SSX	18	36	4,505	22.6	153.1	18
						Plot Average:	20.0	172.3	





Date Planted: April 27
Planting Population: 32,000
Row Width: 30 inch

Tillage: Minimum
Soil Type: Fine
Date Harvested: October 27, 2017

Entry	Brand	Hybrid	Trait	Late Season Evaluation		Harvest Weight	Harvest Moisture %	Test Weight	Bushel/Acre	Yield Rank	
				Rows	Kernels						
1	DEKALB	DKC55-85RIB	SS	18	38	3,995	16.2	56.9	192.6	8	
2	DEKALB	DKC57-99RIB	VT2P	14	40	4,660	15.3	56.6	227.1	1	
3	DEKALB	DKC58-08RIB	VT2P	18	36	4,570	16.1	59.6	220.6	3	
4	Pioneer	P0843	AM	16	36	3,725	17.0	58	177.9	9	
5	DEKALB	DKC59-50RIB	VT2P	18	36	2,735	15.8	57.2	151.4	10	
6	Pioneer	P1197	AM	16	40	3,850	17.7	56.6	194.5	7	
7	DEKALB	DKC61-55RIB	VT2P	18	38	4,715	17.0	59.1	225.2	2	
8	DEKALB	DKC62-20RIB	VT2P	18	32	4,370	16.9	57.2	208.9	5	
9	DEKALB	DKC62-52RIB	SS	16	40	4,460	16.9	58.8	213.2	4	
10	DEKALB	DKC65-95RIB	VT2P	16	34	4,270	18.2	57.9	201.0	6	
11	Pioneer	P1443	AM	18	36						
12	CROPLAN	4791	AS3111	14	30						
13	CROPLAN	4644	DG/VT2P	14	42						
14	CROPLAN	4895	SS/RIB	18	38						
15	CROPLAN	6110	SS/RIB	18	44						
16	CROPLAN	5290	DG/VT2P	18	34						
17	CROPLAN	6594	SS	16	40						
Plot Average:							16.7	57.8	201.2		

Additional Comments:

Entries 11-17 experienced excessive water damage.



WILMINGTON C-2



Date Planted: April 24
Planting Population: 36,000
Row Width: 30 inch

Tillage: Conventional
Soil Type: Silt Loam
Date Harvested: October 5, 2017

Entry	Brand	Hybrid	Trait	Late Season Evaluation		Harvest Moisture %	Bushel/Acre	Yield Rank
				Rows	Kernels			
1	CROPLAN	4895	SS/RIB	16	37	24.7	280.18	8
2	CROPLAN	6110	VT2P/RIB	16	42	25.0	263.06	16
3	Mycogen	MY11C27 RA	SSX	16	37	24.6	263.85	13
4	Becks	6158	AM	18	43	24.8	263.73	14
5	DEKALB	DKC62-20RIB	VT2P	16	34	25.1	306.15	2
6	DEKALB	DKC62-52RIB	SS	16	34	26.3	285.90	4
7	CROPLAN	5290	SS	16	38	25.1	280.70	7
8	DEKALB	DKC63-60RIB	SS	16	30	27.0	277.60	11
9	Pioneer	P1311	AM	18	30	26.2	306.33	1
10	CROPLAN	6594	SS/RIB	16	39	25.9	277.19	12
11	Mycogen	MY2C797	SSX	16	36	26.8	285.88	5
12	DEKALB	DKC64-34RIB	SS	16	38	27.7	278.60	9
13	DEKALB	DKC64-87RIB	SS	16	36	26.2	277.78	10
14	DEKALB	DKC65-94RIB	SS	18	38	26.7	283.70	6
15	CROPLAN	5678	VT2P/RIB	18	34	27.5	289.74	3
16	Becks	6365	AM	18	36	25.6	263.12	15
				Plot Average:		25.5	280.22	





Date Planted: April 24
Planting Population: 32,000
Row Width: 30 inch

Tillage:
Soil Type: Medium
Date Harvested: October 14, 2017

Entry	Brand	Hybrid	Trait	Late Season Evaluation		Harvest Weight	Harvest Moisture %	Test Weight	Bushel/Acre	Yield Rank	
				Rows	Kernels						
1	CROPLAN	5277	AS 3000	16	40	7,950	21.0	56.3	250.3	3	
2	CROPLAN	4644	VT2P/RIB	14	34	7,590	18.3	56.3	247.1	5	
3	CROPLAN	4791	AS 3111	13	45	7,380	19.1	57.0	237.9	10	
4	CROPLAN	4895	SS/RIB	16	37	7,300	19.1	57.0	235.3	11	
5	Mycogen	MY11C27 RA	SSX	14	36	6,960	19.2	56.1	224.1	16	
6	CROPLAN	6110	VT2P/RIB	16	38	7,310	17.9	58.3	239.2	7	
7	Becks	6158	AM	14	36	7,820	18.0	57.9	255.5	2	
8	DEKALB	DKC62-52RIB	SS	16	38	7,294	18.1	56.5	238.1	9	
9	DEKALB	DKC62-20RIB	VT2P	14	40	7,058	19.1	57.2	227.5	15	
10	CROPLAN	5290	SS/RIB	16	35	7,510	20.2	58.5	238.8	8	
11	DEKALB	DKC63-60RIB	SS	14	35	7,380	20.1	57.3	235.0	12	
12	Mycogen	MY2C786	SSX	16	36	8,028	23.2	52.1	247.5	6	
13	DEKALB	DKC64-87RIB	SS	16	37	7,820	20.2	55.9	248.7	4	
14	CROPLAN	6594	SS/RIB	16	41	4,832	21.4	55.8	233.1	14	
15	DEKALB	DKC64-34RIB	SS	16	35	5,280	21.2	56.4	256.0	1	
16	Mycogen	MY2C797	SSX	16	38	4,828	21.7	53.9	234.6	13	
17	CROPLAN	5678	SS	16	40						
Plot Average:							19.9	56.4	240.4		

Additional Comments: Entry 17 (CROPLAN 5678) was thrown out due to grass issues.



CORN VARIETY PLOT AVERAGES-COMBINED

Brand	Variety	# of Entries	Average Yield	Average Index	Rank
Mycogen	MY2A627	4	211.3	106.3	1
DEKALB	DKC64-35RIB	3	211.6	106	2
DEKALB	DKC57-97RIB	13	229.3	106	3
Pioneer	PO825	10	222	105.8	4
CROPLAN	4488	3	226.6	105.8	5
DEKALB	DKC64-34RIB	18	238.7	104.9	6
CROPLAN	5678	3	245.3	102.9	7
DEKALB	DKC63-60RIB	24	220.9	102.8	8
DEKALB	DKC62-20RIB	30	220.7	102.7	9
Pioneer	P1197	12	214.7	102.7	10
Pioneer	PO843	11	210.2	102.2	11
NK	NK0962-3220A	3	214.8	102.1	12
DEKALB	DKC55-20RIB	8	224.6	102	13
DEKALB	DKC62-52RIB	15	226.7	101.7	14
Becks	6158	10	218.5	101.7	15
DEKALB	DKC58-06RIB	12	224.5	101.6	16
NK	N68K-3111A	3	207.7	101.5	17
DEKALB	DKC64-87RIB	16	224.2	101.3	18
Mycogen	MY2C786	5	225.9	101.3	19
DEKALB	DKC61-55RIB	3	193.7	101.1	20
DEKALB	DKC65-94RIB	7	226.2	101.1	21
DEKALB	DKC55-84RIB	4	203.3	100.6	22
Mycogen	MY06R31	3	198.4	100.5	23
CROPLAN	4791	21	210.1	100.4	24
Mycogen	MY2C797	6	227.6	100.1	25
DEKALB	DKC61-54RIB	12	208.8	100.1	26
Mycogen	MY2T619	4	207.8	100.1	27
DEKALB	DKC58-08RIB	8	195.7	100.1	28
CROPLAN	6110	24	214.6	99.7	29
CROPLAN	5290	19	218.6	99.2	30
DEKALB	DKC57-99RIB	5	189.4	99.1	31

Brand	Variety	# of Entries	Average Yield	Average Index	Rank
DEKALB	DKC51-38RIB	6	219.5	99	32
Mycogen	MY09V41	3	202.2	98.9	33
Becks	5828	9	204.8	98.8	34
DEKALB	DKC59-50RIB	15	204	98.7	35
CROPLAN	6594	10	224.4	98.6	36
DEKALB	DKC55-21RIB	4	193.6	98.4	37
CROPLAN	4895	25	208.6	98.3	38
DEKALB	DKC53-56RIB	7	211.2	98	39
CROPLAN	4644	19	204.6	97.9	40
DEKALB	DKC54-38RIB	8	212.4	97.9	41
Pioneer	P1443	3	208.3	97.4	42
DEKALB	DKC50-08RIB	3	213.2	97.2	43
CROPLAN	4822	4	207.6	97.1	44
Pioneer	PO506	7	191.3	97	45
Pioneer	PO414	3	175.8	96.6	46
CROPLAN	4079	6	193.2	96.3	47
Pioneer	PO574	4	187.7	95.8	48
DEKALB	DKC54-40RIB	3	171.1	95.3	49
Pioneer	PO306	3	173.6	95.2	50
DEKALB	DKC52-68RIB	6	202.2	95.1	51
CROPLAN	4199	5	190	94.8	52
CROPLAN	4975	13	194.6	93.9	53
Pioneer	PO399	4	180.8	92.8	54
DEKALB	DKC50-84RIB	3	180.4	92.7	55
Pioneer	PO157	3	212.6	92.5	56
Mycogen	MY02J57RA	12	198.7	91.8	57
DEKALB	DKC53-58RIB	3	170.1	91.4	58

**Varieties are ranked based on index to average, not average yield. 100 is the average for all varieties across all plots.

For example, MY2A627 has an average index of 106.3. Meaning, it performed 6.3 higher than what was considered the average yield across all plots the entry was in. DKC53-58RIB has an average index of 91.4. This means it performed 8.6 lower than what was considered the average yield across all plots the entry was in.

SOYBEAN VARIETY PLOTS | NORTH

** Varieties are ranked based on an index to average, NOT average yield. 100 is the average for all varieties across all plots.

For example, CREDENZ 2601 has an average index of 111.5. Meaning it performed 11.5 *higher* than what was considered the average yield across all plots the entry was in. ASGROW 35X7 has an average index of 89.3. This means it performed 12.7 *lower* than what was considered the average yield across all plots the entry was in.

Brand	Variety	Trait	# of Entries	Average Yield	Average Index
CREDENZ	CZ 2601	LL	3	59.8	111.5
CROPLAN	2674	RR2	5	61.4	109.1
CROPLAN	2810	RR2	6	64.5	107.4
CROPLAN	RX3556 Warden CX	RR/Xtend	7	63	107.1
MYCOGEN	5N306	RR2	3	61.9	107.1
CROPLAN	RX3556 Warden CX+ILeVO	RR/Xtend	7	62.9	106.9
NK	S31-Y2X	RR/Xtend	4	60.1	106.7
CROPLAN	RX3556 Intego+Aveo	RR/Xtend	7	61.5	104.6
CROPLAN	RX3556 Warden CX	RR/Xtend	6	58.4	104.6
CREDENZ	CZ 3601	LL	4	61.7	104.5
ASGROW	AG33X8	RR/Xtend	7	58.3	104
CREDENZ	CZ 3234	LL	4	59.8	102.9
ASGROW	AG32X8	RR/Xtend	5	57.1	102.2
CROPLAN	LC3600	LL	4	60	102.2
CROPLAN	RX3556 Warden CX +Vault	RR/Xtend	7	59.4	101.5

SOYBEAN VARIETY PLOTS | NORTH

Brand	Variety	Trait	# of Entries	Average Yield	Average Index
CROPLAN	3300	RR2	7	60.5	100.3
CREDENZ	CZ 2810	LL	4	58.7	100.2
CROPLAN	RX3337	RR/Xtend	4	55.4	100.1
CREDENZ	CZ 3233	LL	3	61	99.7
CROPLAN	R2C3100	RR2	3	56.1	99.6
ASGROW	AG32X6	RR/Xtend	5	58.8	98.6
CROPLAN	RX3556 Warden RTA	RR/Xtend	6	57.3	98.1
ASGROW	AG26X8	RR/Xtend	3	56.5	97.9
CREDENZ	CZ 2915	LL	4	57.5	97.6
CROPLAN	RX3457	RR/Xtend	5	53.6	97.4
CROPLAN	RX2657	RR/Xtend	5	54.9	96.9
ASGROW	AG30X8	RR/Xtend	4	54.7	95.4
ASGROW	AG30X6	RR/Xtend	4	50.6	95.1
CROPLAN	LC3150	LL	4	55.6	94.8
CROPLAN	LC2934	LL	3	58.5	94
Pioneer	P28T71X	RR/Xtend	3	56.3	92.5
ASGROW	AG36X6	RR/Xtend	4	56.2	90.8
Pioneer	P33T19X	RR/Xtend	5	53.5	90.1
ASGROW	AG35X7	RR/Xtend	6	53	87.3

CASTALIA S-2



Date Planted: June 2
Planting Population: 150,000 w/ drill
Row Width: 15 inch

Tillage: Conventional
Soil Type: Fine
Date Harvested: October 16, 2017

Entry	Brand	Hybrid	Trait	Seed Treatment	Harvest Weight	Harvest Moisture %	Bushel/Acre	Yield Rank
1	Becks	3091X2	RR/Xtend	Escalate	1576	13.8	64.8	24
2	Becks	3153X2	RR/Xtend	Escalate	1376	13.6	57.2	29
3	Becks	315R4	RR	Escalate	1534	13.5	64.5	25
4	Becks	337R4	RR	Escalate	1492	13.3	63.4	26
5	CROPLAN	RX3556	RR/Xtend	Warden RTA	1508	13.1	64.8	23
6	CROPLAN	RX3556	RR/Xtend	Warden CX + Vault	1528	13.4	66.1	22
7	CROPLAN	RX3556	RR/Xtend	Intego+Aveo	1666	13.4	72.7	3
8	CROPLAN	RX3556	RR/Xtend	Warden CX	1587	13.3	70.0	11
9	CROPLAN	RX3556	RR/Xtend	Warden CX+ILeVO	1632	13.4	72.6	4
10	CROPLAN	RX2657	RR/Xtend	Warden CX	1390	12.7	63.0	27
11	CROPLAN	R2C2810	RR2	Warden CX	1572	13.2	71.5	5
12	Asgrow	AG32X6	RR/Xtend	Acceleron	1538	12.5	71.0	8
13	Asgrow	AG32X8	RR/Xtend	Acceleron	1530	13.2	70.5	10
14	CROPLAN	RX3217	RR/Xtend	Warden CX	1432	12.7	66.7	20
15	CROPLAN	R2C3300	RR2	Warden CX	1422	13.0	66.4	21
16	Asgrow	AG33X8	RR/Xtend	Acceleron	1520	13.2	71.3	6
17	NK	35-59X	RR/Xtend	Cruiser Maxx	1562	12.7	74.2	2
18	Asgrow	AG35X7	RR/Xtend	Acceleron	1444	12.6	69.1	13
19	Asgrow	AG36X6	RR/Xtend	Acceleron	1556	13.1	74.5	1
20	Asgrow	AG38X8	RR/Xtend	Acceleron	1402	12.9	67.7	17
21	Pioneer	P37T51PR	Plenish R	PPST FST/IST	1400	12.9	68.0	15
22	Pioneer	P33T34PR	Plenish R	PPST FST/IST	1248	12.6	61.2	28
23	Pioneer	P29T40PR	Plenish R	PPST FST/IST	1362	12.7	67.2	18
24	Pioneer	P27T91PR	Plenish R	PPST FST/IST	1356	12.5	67.7	16
25	Pioneer	P25A90PR	Plenish R	PPST FST/IST	1370	12.6	69.1	12
26	Pioneer	P28T71X	RR2X	PPST FST/IST	1384	12.4	70.7	9
27	Pioneer	P33T19X	RR2X	PPST FST/IST	1390	13.0	71.3	7
28	Pioneer	P35T75X	RR2X	PPST FST/IST	1328	12.8	69.0	14
29	Pioneer	P36T36X	RR2X	PPST FST/IST	1280	13.0	67.0	19
Plot Average:					13.0	68.1		



Date Planted: April 25
Planting Population: 120,000
Row Width: 15 inch

Tillage: Conventional
Soil Type: Silt Loam
Date Harvested: September 29, 2017

Entry	Brand	Hybrid	Trait	Seed Treatment	Harvest Moisture %	Bushel/Acre	Yield Rank
1	CROPLAN	RX3556	RR/Xtend	Warden RTA			
2	CROPLAN	RX3556	RR/Xtend	Intego+Aveo			
3	CROPLAN	RX3556	RR/Xtend	Warden CX+Vault			
4	CROPLAN	RX3556	RR/Xtend	Warden CX			
5	CROPLAN	RX3556	RR/Xtend	Warden CX+ILeVO			
6	ASGROW	AG21X7	RR/Xtend	Acceleron	10.32	52.40	2
7	ASGROW	AG21X8	RR/Xtend	Acceleron	10.39	50.47	3
8	ASGROW	AG23X8	RR/Xtend	Acceleron	10.24	43.39	9
9	CROPLAN	RX2657	RR/Xtend	Warden CX	10.28	44.74	8
10	ASGROW	AG26X8	RR/Xtend	Acceleron	10.54	32.61	12
11	ASGROW	AG27X7	RR/Xtend	Acceleron	10.81	39.27	11
12	Pioneer	P28T71X	RR2X	PPST FST/IST	10.68	28.03	13
13	ASGROW	AG30X6	RR/Xtend	Acceleron	10.57	48.78	5
14	ASGROW	AG32X8	RR/Xtend	Acceleron	10.47	49.51	4
15	ASGROW	AG33X8	RR/Xtend	Acceleron	9.95	46.57	6
16	CROPLAN	RX3457	RR/Xtend	Warden CX	10.65	45.77	7
17	CROPLAN	RX3556	RR/Xtend	Warden CX	10.61	54.87	1
18	CROPLAN	RX3787	RR/Xtend	Warden CX	10.28	43.35	10
Plot Average:					10.45	44.6	

Additional Comments:
Entries 1-5 were unable to be recorded due to harvest error.

FREMONT S-1



Date Planted: April 27
Planting Population: 100,000
Row Width: 30 inch

Tillage: Conventional
Soil Type: Sandy Loam
Date Harvested: October 16, 2017

Entry	Brand	Hybrid	Trait	Seed Treatment	Harvest Weight	Harvest Moisture %	Bushel/Acre	Yield Rank
1	CROPLAN	RX3556	RR/Xtend	Warden RTA	936	12.6	56.0	25
2	CROPLAN	RX3556	RR/Xtend	Warden CX+Vault	992	12.9	59.2	21
3	CROPLAN	RX3556	RR/Xtend	Intego+Aveo	1092	13.2	60.0	20
4	CROPLAN	RX3556	RR/Xtend	Warden CX	1282	13.1	70.5	5
5	CROPLAN	RX3556	RR/Xtend	Warden CX + ILeVO	1288	12.9	71.0	4
6	CROPLAN	R2C2674	RR2	Warden CX	1308	13.0	72.0	3
7	CROPLAN	RX2657	RR/Xtend	Warden CX	1066	13.3	58.5	22
8	ASGROW	AG26X8	RR/Xtend	Accelaron	1116	13.0	61.5	16
9	CROPLAN	R2C2810	RR2	Warden CX	1376	12.6	76.1	1
10	Pioneer	P28T71X	RR/Xtend	PPST FST/IST	1268	12.7	70.1	6
11	Mycogen	5N306	RR2	Cruise Maxx	1320	13.1	72.6	2
12	ASGROW	AG30X8	RR/Xtend	Accelaron	1182	13.5	64.7	11
13	Pioneer	P33T19X	RR/Xtend	PPST FST/IST	1008	13.6	55.1	26
14	CROPLAN	R2C3300	RR2	Warden CX	1128	13.1	62.1	14
15	Pioneer	P33T72	RR1	PPST FST/IST	1248	12.7	69.0	7
16	ASGROW	AG34X6	RR/Xtend	Accelaron	1170	13.1	64.4	12
17	CROPLAN	RX3457	RR/Xtend	Warden CX	1056	13.5	57.8	24
18	CROPLAN	RX3556	RR/Xtend	Warden CX	1146	13.1	63.1	13
19	Pioneer	P35T75X	RR/Xtend	PPST FST/IST	1094	13.1	60.2	19
20	Mycogen	5N361	RR2	Cruiser Maxx	1194	13.6	65.3	10
21	NK	S35-K9X	RR/Xtend	Cruiser Maxx	1138	14.5	61.6	15
22	ASGROW	AG35X7	RR/Xtend	Accelaron	830	13.5	45.5	27
23	ASGROW	AG36X6	RR/Xtend	Accelaron	1132	14.3	61.4	17
24	Pioneer	P36T36X	RR/Xtend	PPST FST/IST	1100	12.9	60.7	18
25	Pioneer	P36T36X	RR/Xtend	PPST FST/IST	1058	13.0	58.3	23
26	ASGROW	AG38X6	RR/Xtend	Accelaron	1208	13.2	66.4	8
27	ASGROW	AG38X8	RR/Xtend	Accelaron	1192	13.1	65.6	9
				Plot Average:		13.2	63.3	

Additional Comments: Entries 1 & 2 had 100 feet less harvested than other entries due to a significant amount of grass.



Date Planted: May 19
Planting Population: 180,000
Row Width: 7.5 inch

Tillage: No-Till
Soil Type: Medium
Date Harvested: October 2, 2017

Entry	Brand	Hybrid	Trait	Seed Treatment	Harvest Weight	Harvest Moisture %	Bushel/Acre	Yield Rank
1	CROPLAN	RX3556	RR/Xtend	Warden RTA	1630	11.7	48.8	14
2	CROPLAN	RX3556	RR/Xtend	Warden CX+Vault	2066	12.2	61.5	3
3	CROPLAN	RX3556	RR/Xtend	Intego+Aveo	1854	11.3	55.7	10
4	CROPLAN	RX3556	RR/Xtend	Warden CX	1942	12.2	57.8	6
5	CROPLAN	RX3556	RR/Xtend	Warden CX+ILeVO	1874	10.9	56.6	9
6	CROPLAN	RX3337	RR/Xtend	Warden CX	1822	13.5	53.4	11
7	CROPLAN	RX2657	RR/Xtend	Warden CX	1340	13.4	39.3	18
8	CROPLAN	R2C2674	RR2	Warden CX	2154	10.7	65.2	1
9	CROPLAN	R2C2810	RR2	Warden CX	1872	10.6	56.7	8
10	ASGROW	AG30X8	RR/Xtend	Accelaron	1192	11.5	35.8	19
11	Mycogen	5N306	RR2	Cruiser Maxx	1924	10.7	58.2	4
12	CROPLAN	R2C3100	RR2	Warden CX	1672	12.3	49.7	12
13	NK Brand	S31-Y2X	RR/Xtend	Cruiser Maxx	2056	11.5	61.7	2
14	Mycogen	5N327	RR2	Cruiser Maxx	1922	11.0	58.0	5
15	ASGROW	AG32X8	RR/Xtend	Accelaron	1618	10.0	49.4	13
16	ASGROW	AG33X8	RR/Xtend	Accelaron	1894	10.8	57.3	7
17	Pioneer	P33T19X	RR/Xtend	PPST FST/IST	1544	10.5	46.8	16
18	CROPLAN	R2C3300	RR2	Warden CX	1452	10.5	44.1	17
19	CROPLAN	RX3457	RR/Xtend	Warden CX	1602	12.6	47.5	15
20	ASGROW	AG35X7	RR/Xtend	Accelaron	1070	24.0	27.6	20
21	ASGROW	AG36X6	RR/Xtend	Accelaron	1034	23.4	26.9	21
Plot Average:						12.6	50.38	

Additional Comments:

The following entries experienced water damage: 7, 10, 12, 15, 17, 18, 19, 21
Entry 20 experienced heavy water damage.

GRAYTOWN S-2



Date Planted: June 1
Planting Population: 140,000
Row Width: 20 inch

Tillage: No Till
Soil Type: Silt Clay Loam
Date Harvested: October 21, 2017

Entry	Brand	Hybrid	Trait	Seed Treatment	Harvest Weight	Harvest Moisture %	Bushel/Acre	Yield Rank
1	CROPLAN	RX3556	RR/Xtend	Warden RTA				
2	CROPLAN	RX3556	RR/Xtend	Warden CX+Vault	980	11.2	66.7	3
3	CROPLAN	RX3556	RR/Xtend	Intego+Aveo	1072	10.7	73.4	1
4	CROPLAN	RX3556	RR/Xtend	Warden CX	996	10.1	68.7	2
5	CROPLAN	RX3556	RR/Xtend	Warden CX + ILeVO	870	10.1	65.4	6
6	CROPLAN	RX2657	RR/Xtend	Warden CX	858	10.2	59.1	10
7	AgriGold	G2P01RX	RR2X	YieldGuard F1	804	10.2	55.4	12
8	CROPLAN	R2C2810	RR2	Warden CX	954	10.3	65.6	4
9	ASGROW	AG30X6	RR/Xtend	Acceleron	694	9.9	52.3	18
10	ASGROW	AG30X8	RR/Xtend	Acceleron	950	10.1	65.5	5
11	Mycogen	5N-306	RR2	Cruiser Maxx	800	10.3	55.0	13
12	NK	S31-Y2	RR2	Cruiser Maxx	720	10.2	54.1	15
13	ASGROW	AG32X6	RR/Xtend	Acceleron				
14	ASGROW	AG32X8	RR/Xtend	Acceleron				
15	AgriGold	G3324RX	RR2X	YieldGuard F1	780	10.0	53.8	16
16	ASGROW	AG33X8	RR/Xtend	Acceleron	902	10.4	62.0	9
17	Pioneer	P33T19X	RR/Xtend	PPST FST/IST	776	10.5	53.3	17
18	CROPLAN	R2C3300	RR2	Warden CX	864	10.5	64.7	7
19	CROPLAN	RX 3337	RR/Xtend	Warden CX	812	10.0	56.1	11
20	CROPLAN	RX 3457	RR/Xtend	Warden CX	794	10.1	54.7	14
21	CROPLAN	RX 3556	RR/Xtend	Warden CX	848	10.3	63.6	8
Plot Average:						10.3	59.1	

Additional Comments:

Entries 1, 13 & 14 were dropped due to excessive water damage. Entries 5, 9, 12, 18 & 21 were harvested with 11 rows instead of the rest of the plot that had 12.



Date Planted: May 30
Planting Population: 139,000
Row Width: 30 inch

Tillage: Minimum Till
Soil Type: Medium
Date Harvested: October 19, 2017

Entry	Brand	Hybrid	Trait	Seed Treatment	Harvest Weight	Harvest Moisture %	Bushel/Acre	Yield Rank
1	CROPLAN	RX3556	RR/Xtend	Warden RTA	1720	12.5	60.7	5
2	CROPLAN	RX3556	RR/Xtend	Intego+Aveo	1628	12.3	57.6	9
3	CROPLAN	RX3556	RR/Xtend	Warden CX+Vault	1356	12.3	47.7	18
4	CROPLAN	RX3556	RR/Xtend	Warden CX	1728	11.9	61.1	4
5	CROPLAN	RX3556	RR/Xtend	Warden CX+ILeVO	1830	11.9	64.7	1
6	CROPLAN	R2C2674	RR2	Warden CX	1610	11.8	57.0	10
7	ASGROW	AG26X8	RR/Xtend	Accelaron	1582	11.6	56.1	11
8	CROPLAN	RX2657	RR/Xtend	Warden CX	1494	11.7	52.9	15
9	ASGROW	AG2836	RR2	Accelaron	1478	11.9	52.2	16
10	ASGROW	AG30X6	RR/Xtend	Accelaron	1420	11.7	50.3	17
11	NK	S31-Y2X	RR2	Cruiser Maxx	1696	11.8	60.0	7
12	ASGROW	AG32X6	RR/Xtend	Accelaron	1566	12.0	55.3	14
13	ASGROW	AG32X8	RR/Xtend	Accelaron	1588	12.2	55.9	12
14	ASGROW	AG33X8	RR/Xtend	Accelaron	1572	12.2	55.4	13
15	CROPLAN	RX3457	RR/Xtend	Warden CX	1756	11.9	62.1	2
16	CROPLAN	RX3556	RR/Xtend	Warden CX	1718	12.0	60.7	6
17	Pioneer	P36T36X	RR/Xtend	PPST FST/IST	1674	11.8	59.2	8
18	CROPLAN	RX3786	RR/Xtend	Warden CX	1732	12.0	61.1	3
Plot Average:						12.0	57.2	

Additional Comments:

Entries 1-3 experienced water damage. Entries 1 & 2, most all plants survived. Entry 3 had some plants die. Entry 14 had slight Sclerotinia White Mold (SCW) found.

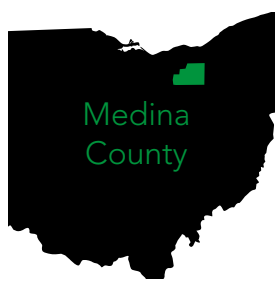
HUNTINGTON S-1



Date Planted: June 3
Planting Population: 195,000
Row Width: 7.5 inch
Comments: planted with 30 foot drill

Tillage: Vertical
Soil Type: Silt Loam
Date Harvested: October 20, 2017

Entry	Brand	Hybrid	Trait	Seed Treatment	Harvest Moisture %	Bushel/Acre	Yield Rank
1	CROPLAN	RX3556	RR/Xtend	Warden RTA	12.5	53	10
2	CROPLAN	RX3556	RR/Xtend	Warden CX+Vault	12.5	54	6
3	CROPLAN	RX3556	RR/Xtend	Intego+Aveo	12.6	52	13
4	CROPLAN	RX3556	RR/Xtend	Warden CX	12.4	54	7
5	CROPLAN	RX3556	RR/Xtend	Warden CX+ILeVO	12.5	51	14
6	CROPLAN	R2C2674	RR2	Warden CX	12.4	56	5
7	CROPLAN	R2C2657	RR2	Warden CX	12.6	56	3
8	ASGROW	AG26X8	RR/Xtend	Acceleron	12.5	52	12
9	NK	S29-K3X	RR/Xtend	Cruiser Maxx	12.3	54	8
10	ASGROW	AG30X6	RR/Xtend	Acceleron	12.2	51	15
11	ASGROW	AG30X8	RR/Xtend	Acceleron	12.1	53	9
12	ASGROW	AG32X6	RR/Xtend	Acceleron	11.7	53	11
13	ASGROW	AG33X8	RR/Xtend	Acceleron	12.1	57	1
14	CROPLAN	R2C3300	RR2	Warden CX	12.3	56	2
15	CROPLAN	RX3337	RR/Xtend	Warden CX	12.6	56	3
16	Pioneer	33T19X	RR/Xtend	PPST FST/IST	12.4	41	17
17	CROPLAN	RX3556	RR/Xtend	Warden CX	12.8	49	16
Plot Average:					12.4	52.8	



Medina
County

Sunrise
COOPERATIVE
Success grows here.

MEDINA S-1

Date Planted: May 17
Planting Population: 155,000
Row Width: 15

Tillage: Conventional
Soil Type: Fine
Date Harvested: October 3, 2017

Entry	Brand	Hybrid	Trait	Seed Treatment	Harvest Weight	Harvest Moisture %	Bushel/Acre	Yield Rank
1	ASGROW	AG21X7	RR/Xtend	Acceleron	870	10.1	62.8	2
2	ASGROW	AG21X8	RR/Xtend	Acceleron	765	10.2	55.1	14
3	ASGROW	AG23X8	RR/Xtend	Acceleron	855	9.9	61.8	3
4	CROPLAN	R2C2657	RR2	Warden CX	715	9.8	51.7	15
5	CROPLAN	R2C2674	RR2	Warden CX	785	9.9	56.8	11
6	ASGROW	AG26X6	RR/Xtend	Acceleron	845	10.0	61.0	4
7	ASGROW	AG27X7	RR/Xtend	Acceleron	820	10.0	59.2	6
8	CROPLAN	R2C2810	RR2	Warden CX	810	9.7	58.7	8
9	NK	S31-Y2X	RR/Xtend	Cruiser Maxx	890	9.7	64.5	1
10	CROPLAN	R2C3100	RR2	Warden CX	820	10.1	59.2	7
11	CROPLAN	R2C3300	RR2	Warden CX	770	10.3	55.4	13
12	CROPLAN	RX3337	RR/Xtend	Warden CX	780	10.2	56.2	12
13	ASGROW	AG33X6	RR/Xtend	Acceleron	805	10.0	58.1	10
14	ASGROW	AG35X7	RR/Xtend	Acceleron	815	10.7	58.4	9
15	CROPLAN	RX3556	RR/Xtend	Warden CX	845	10.1	61.0	5
Plot Average:						10.7	58.7	

SHELBY S-1



Date Planted: June 2
Planting Population: 141,500
Row Width: 15 inch

Tillage: Conventional
Soil Type: Silt Loam
Date Harvested: October 17, 2017

Entry	Brand	Hybrid	Trait	Seed Treatment	Harvest Weight	Harvest Moisture %	Bushel/Acre	Yield Rank
1	CROPLAN	RX3556	RR/Xtend	Warden RTA	2088	11.4	60.5	3
2	CROPLAN	RX3556	RR/Xtend	Warden CX+Vault	2090	11.4	60.6	2
3	CROPLAN	RX3556	RR/Xtend	Intego+Aveo	2050	11.6	59.5	4
4	CROPLAN	RX3556	RR/Xtend	Warden CX	2020	11.5	58.6	7
5	CROPLAN	RX3556	RR/Xtend	Warden CX+ILeVO	2040	11.7	59.1	6
6	ASGROW	AG32X6	RR/Xtend	Acceleron	1980	11.1	57.6	8
7	ASGROW	AG35X7	RR/Xtend	Acceleron	2100	11.3	61.3	1
8	CROPLAN	R2C3300	RR2	Warden CX	2058	11.7	59.4	5
Plot Average:						11.5	59.6	



Date Planted: June 5
Planting Population: 145,000
Row Width: 15 inch

Tillage: No Till
Soil Type: Medium
Date Harvested: October 21, 2017

Entry	Brand	Hybrid	Trait	Seed Treatment	Harvest Weight	Harvest Moisture %	Bushel/Acre	Yield Rank
1	ASGROW	AG36X6	RR/Xtend	Acceleron	1090	10.6	62.0	6
2	ASGROW	AG35X7	RR/Xtend	Acceleron	988	10.5	56.2	17
3	Agrigold	G3520	RR2	YieldGuard F1	1050	10.2	63.1	4
4	CROPLAN	RX3556	RR/Xtend	Warden CX	1074	10.2	61.3	7
5	Agrigold	G3410	RR2X	YieldGuard F1	1012	10.2	57.8	13
6	ASGROW	33X8	RR/Xtend	Acceleron	974	10.1	58.6	12
7	CROPLAN	R2C3330	RR2	Warden CX	1036	10.1	59.2	10
8	Agrigold	G3324	RR2X	YieldGuard F1	1094	10.7	62.1	5
9	ASGROW	AG32X8	RR/Xtend	Acceleron	1010	10.6	60.4	8
10	ASGROW	AG32X6	RR/Xtend	Acceleron	996	10.1	56.9	16
11	CROPLAN	R2C3100	RR2	Warden CX	1044	10.4	59.5	9
12	Agrigold	G2900	RR2X	YieldGuard F1	1060	10.3	63.6	2
13	CROPLAN	R2C2810	RR2	Warden CX	1028	10.3	58.6	11
14	Agrigold	G2801	RR2X	YieldGuard F1	986	10.4	56.2	18
15	NK Brand	S27-M8X	RR/Xtend	Cruiser Maxx	1056	10.2	63.5	3
16	CROPLAN	R2C2674	RR2	Warden CX	1010	10.3	57.6	15
17	CROPLAN	RX2657	RR/Xtend	Warden CX	1012	10.3	57.7	14
18	Agrigold	G3410	RR2X	YieldGuard F1	1070	10.3	64.2	1
Plot Average:						10.3	59.9	

SOYBEAN SEED TREATMENTS

	CROPLAN RX3556 Warden RTA	CROPLAN RX3556 Warden CX + Vault	CROPLAN RX3556 Intego + Aveo	CROPLAN RX3556 Warden CX	CROPLAN RX3556 Warden CX + Illevo
Castalia 2	64.8	66.1	72.7	70	72.6
Fremont S-1	56	59.2	60	70.5	71
Fremont S-4	48.8	61.5	55.7	57.8	56.6
Graytown S-1	N/A	66.7	73.4	68.7	65.4
Green Springs S-1	60.7	47.7	57.6	61.1	64.7
Huntington S-1	53	54	52	54	51
Shelby S-1	60.5	60.6	59.4	58.6	59
Uni S-1	51.10	51.50	46.30	45.50	47.40
Wapak S-2	52.8	54.4	60.1	55.7	51.5
Darke S-2	68.6	71	59.2	66.3	63.9
AVERAGE	57.37	59.27	59.64	60.82	60.31

	CROPLAN RX3556 Warden RTA	CROPLAN RX3556 Warden CX +Vault	CROPLAN RX3556 Intego+Aveo	CROPLAN RX3556 Warden CX	CROPLAN RX3556 Warden CX + ILeVO
North Average	57.30	59.40	61.54	62.96	62.90
South Average	57.50	58.97	55.20	55.83	54.27

TRIAL 1

Brand	Hybrid	Traits	Harvest Weight	Harvest Moisture %	Test Weight	Bushel/ Acre	Yield Rank
CROPLAN	R2C3100	RR2	3005	10.4	57.5	41.6	1
ASGROW	AG32X6	RR/Xtend	2825	10.0	57.3	39.3	3
CROPLAN	RX3055	RR2	2900	10.3	58	40.2	2

TRIAL 2

Brand	Hybrid	Traits	Harvest Weight	Harvest Moisture %	Bushel/ Acre	Yield Rank
Pioneer	P38T42R	RR	2182	10.3	60.8	3
ASGROW	AG36X6	RR/Xtend	2216	10.8	61.4	2
Pioneer	P31T11	RR	1970	10.3	54.9	4
ASGROW	AG3832	RR2	2250	11.0	62.2	1

TRIAL 3

Brand	Hybrid	Traits	Bushel/ Acre	Yield Rank
CROPLAN	RX3556	RR/Xtend	69.4	1
LG	3466	RR2	73.2	2

TRIAL 4

Brand	Hybrid	Traits	Bushel/ Acre	Yield Rank
LG	3550	RR/Xtend	64.6	4
ASGROW	AG36X6	RR/Xtend	70.7	1
LG	3775	RR/Xtend	59.8	5
ASGROW	AG38X8	RR/Xtend	70.6	2
CROPLAN	RX3896	RR/Xtend	69.5	3

TRIAL 5

Brand	Hybrid	Traits	Bushel/ Acre	Yield Rank
Pioneer	P38T42	RR	60.8	3
ASGROW	AG36X6	RR/Xtend	61.4	2
Pioneer	P31T11	RR	54.9	4
ASGROW	AG3832	RR	62.2	1

** Varieties are ranked based on an index to average, NOT average yield. 100 is the average for all varieties across all plots.

For example, CROPLAN RX3556 Warden CX + Vault has an average index of 107.2. Meaning it performed 7.2 *higher* than what was considered the average yield across all plots the entry was in. CROPALN R2C4000 has an average index of 90.3. This means it performed 9.7 *lower* than what was considered the average yield across all plots the entry was in.

Brand	Variety	Trait	# of Entries	Average Yield	Average Index
CROPLAN	RX3556/Warden CX + Vault	RR/Xtend	3	59.0	107.2
ASGROW	AG36X6	RR/Xtend	5	58.5	106.5
CROPLAN	LC3800	LL	3	59.8	105.9
CROPLAN	RX3556 Warden RTA	RR/Xtend	3	57.5	104.6
CROPLAN	R2C3300	RR2	5	57.3	103.6
ASGROW	AG35X7	RR/Xtend	3	57.6	102
CROPLAN	RX3556 Intego+Aveo	RR/Xtend	4	54.7	101.6
Pioneer	P40T84X	RR/Xtend	3	57.3	101.3
CROPLAN	RX3556 Warden CX	RR/Xtend	3	55.8	101.1
CROPLAN	RX3457	RR/Xtend	3	56.7	100.3

SOYBEAN VARIETY PLOTS | SOUTH

Brand	Variety	Trait	# of Entries	Average Yield	Average Index
ASGROW	AG38X8	RR/Xtend	3	56.2	99.7
CROPLAN	RX3556	RR/Xtend	3	59.4	98.9
CROPLAN	RX3556 Warden CX+ ILeVO	RR/Xtend	3	54.3	98.7
ASGROW	AG33X8	RR/Xtend	4	55.6	97.6
CROPLAN	LC2800	LL	3	60.4	95.3
Pioneer	P36T36X	RR/Xtend	5	52.2	94.5
ASGROW	AG34X6	RR/Xtend	3	53.4	94.2
ASGROW	AG32X6	RR/Xtend	3	47	91.5
CROPLAN	R2C4000	RR2	3	51	90.3

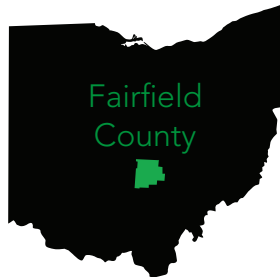




Date Planted: June 6
Planting Population: 140,000
Row Width: 10 inch

Tillage: No Till
Soil Type: Medium
Date Harvested: October 21, 2017

Entry	Brand	Hybrid	Trait	Seed Treatment	Harvest Weight	Harvest Moisture %	Bushel/Acre	Yield Rank
1	CROPLAN	RX3556	RR/Xtend	Warden RTA	1740	12.8	68.6	2
2	CROPLAN	RX3556	RR/Xtend	Warden CX+Vault	1800	12.8	71.0	1
3	CROPLAN	RX3556	RR/Xtend	Intego/Aveo	1500	12.8	59.2	16
4	CROPLAN	RX3556	RR/Xtend	Warden CX	1680	12.8	66.3	3
5	CROPLAN	RX3556	RR/Xtend	Warden CX+ILeVO	1620	12.8	63.9	7
6	ASGROW	AG33X8	RR/Xtend	Accelaron	1680	12.8	66.3	3
7	CROPLAN	R2C3300	RR2	Warden CX	1560	12.8	61.5	12
8	ASGROW	AG34X6	RR/Xtend	Accelaron	1560	12.8	61.5	12
9	CROPLAN	RX3457	RR/Xtend	Warden CX	1600	12.8	63.1	11
10	ASGROW	AG35X7	RR/Xtend	Accelaron	1620	12.8	63.9	7
11	CROPLAN	RX3556	RR/Xtend	Warden CX	1500	12.8	59.2	16
12	Pioneer	P36T36X	RR/Xtend	PPST FST/IST	1260	12.8	49.7	20
13	ASGROW	AG36X6	RR/Xtend	Accelaron	1560	12.8	61.5	12
14	CROPLAN	R2C3800B	RR2	Warden CX	1620	12.8	63.9	7
15	ASGROW	AG38X6	RR/Xtend	Accelaron	1680	12.8	66.3	3
16	ASGROW	AG38X8	RR/Xtend	Accelaron	1440	12.8	56.8	18
17	CROPLAN	RX3896	RR/Xtend	Warden CX	1620	12.8	63.9	7
18	Pioneer	P40T84X	RR/Xtend	PPST FST/IST	1320	12.8	64.0	6
19	CROPLAN	R2C4000	RR2	Warden CX	1140	12.8	55.3	19
20	ASGROW	AG40X6	RR/Xtend	Accelaron	1260	12.8	61.1	15
				Plot Average:		12.8	62.3	



Date Planted: June 14
Planting Population: 150,000
Row Width: 15 inch

Tillage: No Till
Soil Type: Fine
Date Harvested: November 21, 2017

Entry	Brand	Hybrid	Trait	Seed Treatment	Harvest Weight	Harvest Moisture %	Bushel/Acre	Yield Rank
1	Becks	3091X2	RR/Xtend	Escalate	1324	14.5	48.0	17
2	CROPLAN	R2C3100	RR/Xtend	Warden CX	1293	16.0	45.8	21
3	ASGROW	AG 32X6	RR/Xtend	Accelaron	1340	14.8	47.5	18
4	ASGROW	AG32X8	RR/Xtend	Accelaron	1475	14.6	52.0	10
5	CROPLAN	R2C3300	RR2	Warden CX	1454	14.7	50.9	13
6	ASGROW	AG34X6	RR/Xtend	Accelaron	1385	16.0	47.1	19
7	ASGROW	AG35X7	RR/Xtend	Accelaron	1528	13.8	53.2	6
8	CROPLAN	RX3457	RR/Xtend	Warden CX	1515	13.9	52.4	9
9	ASGROW	AG36X6	RR/Xtend	Accelaron	1774	13.7	60.9	1
10	CROPLAN	RX3556	RR/Xtend	Warden CX	1540	13.7	53.3	5
11	Pioneer	P36T36X	RR/Xtend	PPST FST/IST	1187	14.0	41.7	22
12	ASGROW	AG37X8	RR/Xtend	Accelaron	1412	14.4	48.2	16
13	Becks	3753X2	RR/Xtend	Escalate	1559	13.8	53.6	3
14	ASGROW	AG3832	RR2	Accelaron	1495	13.9	50.9	14
15	CROPLAN	R2C3800B	RR2	Warden CX	1580	13.2	53.4	4
16	ASGROW	AG38X6	RR/Xtend	Accelaron	1493	13.1	49.8	15
17	CROPLAN	RX3896	RR/Xtend	Warden CX	1605	13.4	54.1	2
18	ASGROW	AG38X8	RR/Xtend	Accelaron	1533	13.4	51.0	12
19	CROPLAN	RX3977	RR/Xtend	Warden CX	1611	13.5	53.2	7
20	Pioneer	P40T84X	RR/Xtend	PPST FST/IST	1465	13.3	52.5	8
21	ASGROW	AG40X6	RR/Xtend	Accelaron	1462	13.8	51.1	11
22	CROPLAN	R2C4000	RR2	Warden CX	1292	13.5	46.5	20
				Plot Average:		14.0	50.8	

ST MARYS S-1



Date Planted: May 31
Planting Population: 130,000
Row Width: 15 inch

Tillage: Conventional
Soil Type: Fine
Date Harvested: October 22, 2017

Entry	Brand	Hybrid	Trait	Seed Treatment	Harvest Moisture %	Bushel/Acre	Yield Rank
1	Mycogen	5N306	RR2	Crusier Maxx	10.3	63.4	6
2	Mycogen	5N327	RR2	Crusier Maxx	11.3	53.8	13
3	Mycogen	5N342	RR2	Crusier Maxx10.3	10.3	66.8	2
4	Mycogen	5N354	RR2	Crusier Maxx	10.0	60.8	11
5	Mycogen	5N387	RR2	Crusier Maxx	10.7	67.2	1
6	Mycogen	5N393	RR2	Crusier Maxx	10.2	58.4	14
7	Croplan	RX2657	RR/Xtend	Warden CX	10.5	63.5	5
8	Asgrow	AG27X7	RR/Xtend	Acceleron Standard	12.4	62.9	8
9	Pioneer	P28T71X	RR/Xtend	PPST FST/IST	10.4	55.7	15
10	Asgrow	AG33X8	RR/Xtend	Acceleron Standard	10.0	65.1	3
11	Croplan	R2C3300	RR2	Warden CX	10.6	63.0	7
12	Croplan	RX3556	RR/Xtend	Warden CX	10.6	64.1	4
13	Pioneer	P36T36X	RR/Xtend	PPST FST/IST	10.4	61.8	10
14	Asgrow	AG36X6	RR/Xtend	Acceleron Standard	10.7	53.8	12
15	Mycogen	5N342	RR2	Cruiser Maxx	10.6	62.7	9
Plot Average:					10.6	61.5	



Date Planted: June 7
 Planting Population: 170,000
 Row Width: 7.5 inch

Tillage: No Till
 Soil Type: Fine
 Date Harvested: October 19, 2017

Entry	Brand	Hybrid	Trait	Seed Treatment	Harvest Weight	Harvest Moisture %	Bushel/Acre	Yield Rank
1	CROPLAN	RX3556	RR/XTEND	Warden RTA	2271	11.0	51.1	3
2	CROPLAN	RX3556	RR/XTEND	Warden CX+Vault	2285	10.8	51.5	2
3	CROPLAN	RX3556	RR/XTEND	Intego + Aveo	2061	11.1	46.3	8
4	CROPLAN	RX3556	RR/XTEND	Warden CX	2012	10.6	45.5	9
5	CROPLAN	RX3556	RR/XTEND	Warden CX+ILeVO	2103	10.8	47.4	7
6	CROPLAN	RX2657	RR/XTEND	Warden CX	1899	10.5	43.0	11
7	ASGROW	AG30X8	RR/XTEND	Acceleron	1827	10.8	41.2	14
8	PIONEER	P32T31X	RR/XTEND	PPST FST/IST	1908	10.3	43.3	10
9	ASGROW	AG32X6	RR/XTEND	Acceleron	1714	10.3	38.9	15
10	CROPLAN	RX3337	RR/XTEND	Warden CX	1857	10.8	41.9	13
11	CROPLAN	R2C3300	RR2	Warden CX	2235	10.2	50.8	4
12	ASGROW	AG33X8	RR/XTEND	Acceleron	1904	10.8	42.9	12
13	CROPLAN	RX3500	RR/XTEND	Warden CX	2150	10.9	48.4	6
14	PIONEER	P36T36X	RR/XTEND	PPST FST/IST	2182	10.4	49.4	5
15	ASGROW	AG36X6	RR/XTEND	Acceleron	2298	10.4	52.1	1
Plot Average:						10.7	46.3	



Date Planted: June 6
Planting Population: 170,000
Row Width: 7.5 inch

Tillage: No Till
Soil Type: Medium
Date Harvested: October 21, 2017

Entry	Brand	Hybrid	Trait	Seed Treatment	Harvest Weight	Harvest Moisture %	Bushel/Acre	Yield Rank
1	ASGROW	AG26X8	RR/Xtend	Acceleron	566	10.7	40.2	35
2	ASGROW	AG27X7	RR/Xtend	Acceleron	760	10.9	53.8	24
3	ASGROW	AG30X8	RR/Xtend	Acceleron	826	10.7	58.7	12
4	ASGROW	AG32X6	RR/Xtend	Acceleron	770	10.6	54.7	20
5	ASGROW	AG33X8	RR/Xtend	Acceleron	676	10.4	48.2	34
6	ASGROW	AG34X6	RR/Xtend	Acceleron	724	10.5	51.5	28
7	ASGROW	AG35X7	RR/Xtend	Acceleron	786	10.7	55.8	15
8	ASGROW	AG36X6	RR/Xtend	Acceleron	904	10.7	64.2	3
9	ASGROW	AG38X6	RR/Xtend	Acceleron	842	10.7	59.8	11
10	ASGROW	AG38X8	RR/Xtend	Acceleron	860	11.1	60.8	8
11	CROPLAN	RX3556	RR/Xtend	Warden RTA	744	10.8	52.8	25
12	CROPLAN	RX3556	RR/Xtend	Warden CX+Vault	766	10.7	54.4	22
13	CROPLAN	RX3556	RR/Xtend	Intego+Aveo	846	10.7	60.1	10
14	CROPLAN	RX3556	RR/Xtend	Warden CX	784	10.7	55.7	16
15	CROPLAN	RX3556	RR/Xtend	Warden CX+ILeVO	724	10.6	51.5	29
16	CROPLAN	R2C22674	RR2	Warden CX	738	10.8	52.3	26
17	CROPLAN	R2C22810	RR2	Warden CX	704	10.9	49.9	32
18	Mycogen	5N287	RR2	Cruiser Maxx	780	10.8	55.3	17
19	CROPLAN	R2C3100	RR2	Warden CX	690	10.6	49.1	33
20	Mycogen	5N327	RR2	Cruiser Maxx	930	10.9	58.2	14



Date Planted: June 6
Planting Population: 170,000
Row Width: 7.5 inch

Tillage: No Till
Soil Type: Medium
Date Harvested: October 21, 2017

Entry	Brand	Hybrid	Trait	Seed Treatment	Harvest Weight	Harvest Moisture %	Bushel/Acre	Yield Rank
21	CROPLAN	R2C3300	RR2	Warden CX	960	10.8	60.2	9
22	CROPLAN	RX3337	RR/Xtend	Warden CX	1004	10.9	62.9	5
23	CROPLAN	RX3457	RR/Xtend	Warden CX	870	10.9	54.5	21
24	CROPLAN	RX3556	RR/Xtend	Warden CX	876	10.6	55.0	19
25	Mycogen	5N361	RR2	Cruiser Maxx	878	10.7	55.1	18
26	Pioneer	P36T36X	RR/Xtend	PPST FST/IST	928	10.6	58.3	13
27	CROPLAN	RX3787	RR/Xtend	Warden CX	1020	11.6	63.4	4
28	Mycogen	5N387	RR2	Cruiser Maxx	1098	11.0	68.7	1
29	CROPLAN	RX3896	RR/Xtend	Warden CX	1092	10.8	68.5	2
30	CROPLAN	R2C3800B	RR2	Warden CX	994	11.0	62.2	6
31	CROPLAN	RX3977	RR/Xtend	Warden CX	1056	10.8	61.9	7
32	Pioneer	P40T84X	RR/Xtend	PPST FST/IST	930	11.2	54.2	23
33	CROPLAN	R2C4000	RR2	Warden CX	938	16.9	51.2	30
34	Pioneer	P33T19X	RR/Xtend	PPST FST/IST	882	11.0	51.5	27
35	Pioneer	P35T75X	RR/Xtend	PPST FST/IST	870	10.6	51.1	31
Plot Average:						11.0	56.2	

LIBERTY LINK PLOT AVERAGES

		Muddy Creek Bay	Old Fort	Fitchville	Sulfur Springs	Average North	Wapak S-1	McCartyville	Average South
CREDENZ	2510	41.8	79.9			60.85	53.6		53.6
CREDENZ	2601	47.2		58.6	73.7	59.83		70.7	70.7
Becks	274L4	41.3		51.4	60.7	51.13	54.2	67.3	60.75
CROPLAN	2800			55.2	64.8	60.00	61	70.3	65.65
CREDENZ	2810	48.9	76	48.1	61.6	58.65	63.1	72.8	67.95
CREDENZ	2915	43.7	75.2	48.5	62.6	57.50	58.4	67.9	63.15
CROPLAN	2934	38.4	78.6		58.6	58.53			
CROPLAN	3150	44.2	75.1	48.7	54.5	55.63	55.1	67.3	61.2
CREDENZ	3234	51	70.3	50.6	67.4	59.83	65	75.2	70.1
CREDENZ	3233	44.4	72.4		66.2	61.00	57.9	70.1	64
CREDENZ	3443	44.1	66.4			55.25			
CREDENZ	3601	45.6	79.4	51	70.6	61.65	72.3	73.3	72.8
CROPLAN	3600	44.9	76.4	53.6	65.2	60.03	70	76.2	73.1
CREDENZ	3841	47.9	76			61.95	51.6	78.2	64.9
CROPLAN	3900	48.1	67.7			57.90	76.3	75.8	76.05
CREDENZ	3548			47.5		47.50			
CREDENZ	3738			48.3		48.30			
Becks	366L4		74.45		64.1	69.28	53.7	73.1	63.4
Plot Average		45.11	74.45	51.05	64.17		60.94	72.17	



Date Planted: June 2
Planting Population: 160,000
Row Width: 15 inch

Tillage: Conventional
Soil Type: Coarse
Date Harvested: October 19, 2017

Entry	Brand	Hybrid	Trait	Seed Treatment	Harvest Weight	Harvest Moisture %	Bushel/Acre	Yield Rank
1	CREDENZ	2810	LL	Poncho/VOTiVO, ILeVO, EverGol	1266	12.6	56.8	2
2	Schlessman	283	LL		1212	11.7	54.9	6
3	CROPLAN	2934	LL	Warden CX + ILeVO	1162	12.5	52.2	9
4	Becks	298	LL	Escalate	1290	13.0	57.6	1
5	Becks	296	LL	Escalate	1232	12.7	55.2	5
6	Becks	314	LL	Escalate	1240	11.6	56.3	3
7	CREDENZ	3234	LL	Poncho/VOTiVO, ILeVO, EverGol	1102	12.5	49.5	13
8	Schlessman	327	LL		1112	12.0	50.2	11
9	Becks	338	LL	Escalate	1104	12.2	49.7	12
10	Schlessman	356	LL		1134	12.0	51.2	10
11	Becks	274	LL	Escalate	1192	12.7	53.4	8
12	Becks	264	LL	Escalate	1200	12.0	54.2	7
13	Becks	366	LL	Escalate	1238	12.0	55.9	4
Plot Average:						12.3	53.6	

Additional Comments:

This was not a Sunrise controlled plot, therefore it was not used in calculating the combined Liberty Link variety plot averages.

FITCHVILLE S-1



Date Planted: June 6
Planting Population: 170,000 w/ drill
Row Width: 10 inch

Tillage: No Till
Soil Type: Medium
Date Harvested: October 20, 2017

Entry	Brand	Hybrid	Trait	Seed Treatment	Harvest Weight	Harvest Moisture %	Test Weight	Bushel/Acre	Yield Rank
1	CREDENZ	CZ 2601	LL	Poncho/VOTiVO, ILeVO, EverGol	1560	12.8	55.2	58.6	1
2	Becks	274L4	LL	Escalate	1455	12.8	56.9	51.4	4
3	CREDENZ	CZ 2810	LL	Poncho/VOTiVO, ILeVO, EverGol	1355	12.4	57.5	48.1	10
4	CROPLAN	LC2800	LL	Warden CX + ILeVO	1460	12.2	57.8	55.2	2
5	CREDENZ	CZ 2915	LL	Poncho/VOTiVO, ILeVO, EverGol	1360	11.9	58.4	48.5	8
6	CROPLAN	LC3150	LL	Warden CX + ILeVO	1365	11.9	57.4	48.7	7
7	CREDENZ	CZ 3234	LL	Poncho/VOTiVO, ILeVO, EverGol	1335	12.0	57.3	50.6	6
8	CREDENZ	CZ 3548	LL	Poncho/VOTiVO, ILeVO, EverGol	1335	12.1	57.8	47.5	11
9	CREDENZ	CZ 3601	LL	Poncho/VOTiVO, ILeVO, EverGol	1420	11.3	57.6	51.0	5
10	CROPLAN	LC3600	LL	Warden CX + ILeVO	1450	11.4	57.8	53.6	3
11	CREDENZ	CZ 3738	LL	Poncho/VOTiVO, ILeVO, EverGol	1345	11.3	58.3	48.3	9
Plot Average:					12.0	57.5	51.1		

Additional Comments:

Entries 1, 4 & 7 had 2 less rows harvested each due to spray tracks. Entry 10 had 1 less row harvested from 1 spray track.



Date Planted: May 22
Planting Population: 150,000
Row Width: 30 inch

Tillage: Conventional
Soil Type: Silt Clay
Date Harvested: October 19, 2017

Entry	Brand	Hybrid	Trait	Seed Treatment	Harvest Weight	Harvest Moisture %	Bushel/Acre	Yield Rank
1	CROPLAN	LC3900	LL	Warden CX + ILeVO	1450	11.0	48.1	3
2	CREDENZ	CZ 3841	LL	Poncho/VOTiVO, ILeVO, EverGol	1444	11.0	47.9	4
3	CROPLAN	LC3600	LL	Warden CX + ILeVO	1352	10.9	44.9	7
4	CREDENZ	CZ 3601	LL	Poncho/VOTiVO, ILeVO, EverGol	1372	10.8	45.6	6
5	CREDENZ	CZ 3443	LL	Poncho/VOTiVO, ILeVO, EverGol	1326	10.8	44.1	10
6	CREDENZ	CZ 3233	LL	Poncho/VOTiVO, ILeVO, EverGol	1334	10.7	44.4	8
7	CREDENZ	CZ 3234	LL	Poncho/VOTiVO, ILeVO, EverGol	1530	10.5	51.0	1
8	CROPLAN	LC3150	LL	Warden CX + ILeVO	1326	10.6	44.2	9
9	CROPLAN	LC2934	LL	Warden CX + ILeVO	1152	10.5	38.4	14
10	CREDENZ	CZ 2915	LL	Poncho/VOTiVO, ILeVO, EverGol	1310	10.4	43.7	11
11	CREDENZ	CZ 2810	LL	Poncho/VOTiVO, ILeVO, EverGol	1462	10.3	48.9	2
12	Becks	274L4	LL	Escalate	1236	10.4	41.3	13
13	CREDENZ	CZ 2601	LL	Poncho/VOTiVO, ILeVO, EverGol	1412	10.2	47.2	5
14	CREDENZ	CZ 2510	LL	Poncho/VOTiVO, ILeVO, EverGol	1250	10.2	41.8	12
Plot Average:						10.6	45.1	



Date Planted: May 18
Planting Population: 140,000
Row Width: 30 inch

Tillage: Minimum Till
Soil Type: Sandy Loam
Date Harvested: October 18, 2017

Entry	Brand	Hybrid	Trait	Seed Treatment	Harvest Weight	Harvest Moisture %	Bushel/Acre	Yield Rank
1	CREDENZ	CZ 2510	LL	Poncho/VOTiVO, ILeVO, EverGol	2510	11.3	79.9	1
2	CREDENZ	CZ 2810	LL	Poncho/VOTiVO, ILeVO, EverGol	2384	11.2	76.0	5
3	CROPLAN	LC2934	LL	Warden CX + ILeVO	2468	11.3	78.6	3
4	CREDENZ	CZ 2915	LL	Poncho/VOTiVO, ILeVO, EverGol	2362	11.3	75.2	7
5	CROPLAN	LC3150	LL	Warden CX + ILeVO	2358	11.3	75.1	8
6	CREDENZ	CZ 3234	LL	Poncho/VOTiVO, ILeVO, EverGol	2208	11.3	70.3	10
7	CREDENZ	CZ 3233	LL	Poncho/VOTiVO, ILeVO, EverGol	2282	11.6	72.4	9
8	CREDENZ	CZ 3443	LL	Poncho/VOTiVO, ILeVO, EverGol	2084	11.2	66.4	12
9	CREDENZ	CZ 3601	LL	Poncho/VOTiVO, ILeVO, EverGol	2490	11.2	79.4	2
10	CROPLAN	LC3600	LL	Warden CX + ILeVO	2396	11.2	76.4	4
11	CREDENZ	CZ 3841	LL	Poncho/VOTiVO, ILeVO, EverGol	2378	11.5	76.0	6
12	CROPLAN	LC3900	LL	Warden CX + ILeVO	2048	11.6	67.7	11
Plot Average:						11.3	74.5	



Date Planted: April 25
Planting Population: 165,000
Row Width: 15 inch

Tillage: Conventional
Soil Type: Medium
Date Harvested: September 22, 2017

Entry	Brand	Hybrid	Trait	Seed Treatment	Harvest Weight	Harvest Moisture %	Bushel/Acre	Yield Rank
1	CREDENZ	CZ 2601	LL	Poncho/VOTiVO, ILeVO, EverGol	2012	12.2	73.7	1
2	Becks	274L4	LL	Escalate	1654	12.0	60.7	12
3	CROPLAN	LC2800	LL	Warden CX, ILeVo	1764	12.0	64.8	7
4	AGI	28LL01	LL	Unknown	1564	12.0	57.4	14
5	CREDENZ	CZ 2810	LL	Poncho/VOTiVO, ILeVO, EverGol	1676	11.9	61.6	11
6	CREDENZ	CZ 2915	LL	Poncho/VOTiVO, ILeVO, EverGol	1700	11.8	62.6	10
7	CROPLAN	LC2934	LL	Warden CX, ILeVo	1586	11.4	58.6	13
8	CROPLAN	LC3150	LL	Warden CX, ILeVo	1478	11.7	54.5	15
9	AGI	31LL01	LL	Unknown	1720	11.7	63.4	9
10	CREDENZ	CZ 3234	LL	Poncho/VOTiVO, ILeVO, EverGol	1830	11.7	67.4	4
11	CREDENZ	CZ 3233	LL	Poncho/VOTiVO, ILeVO, EverGol	1804	12.0	66.2	5
12	CROPLAN	LC3600	LL	WCX AND ILL	1980	16.2	65.2	6
13	AGI	36LL01	LL	Unknown	1852	14.4	70.6	3
14	CREDENZ	CZ 3601	LL	Poncho/VOTiVO, ILeVO, EverGol	1946	13.0	70.6	2
15	Becks	366L4	LL	Escalate	1800	14.6	64.1	8
Plot Average:						12.6	54.1	

Additional Comments: Croplan 3150 was planted at about 70% due to large seed size. When harvested, there were 2 wheel tracks in AGI 28LL01 and 1 wheel track in Croplan 3150.

MC CARTYVILLE S-1



Date Planted: May 18
Planting Population: 170,000 drilled
Row Width: 7.5 inch

Tillage: No Till
Soil Type: Medium
Date Harvested: October 20, 2017

Entry	Brand	Hybrid	Trait	Seed Treatment	Harvest Weight	Harvest Moisture %	Bushel/Acre	Yield Rank
1	CREDENZ	CZ 2601	LL	Poncho/VOTiVO, ILeVO, EverGol	908	12.0	70.7	8
2	Becks	274L4	LL	Escalate	866	12.1	67.3	13
3	CROPLAN	LC2800	LL	Warden CX	904	12.1	70.3	9
4	CREDENZ	CZ 2810	LL	Poncho/VOTiVO, ILeVO, EverGol	940	12.4	72.8	7
5	CREDENZ	CZ 2915	LL	Poncho/VOTiVO, ILeVO, EverGol	874	12.2	67.9	11
6	CROPLAN	LC3150	LL	Warden CX	868	12.3	67.3	12
7	CREDENZ	CZ 3233	LL	Poncho/VOTiVO, ILeVO, EverGol	904	12.4	70.1	10
8	CREDENZ	CZ 3234	LL	Poncho/VOTiVO, ILeVO, EverGol	972	12.5	75.2	4
9	CROPLAN	LC3600	LL	Warden CX	982	12.3	76.2	2
10	Becks	366L4	LL	Escalate	942	12.3	73.1	6
11	CREDENZ	CZ 3601	LL	Poncho/VOTiVO, ILeVO, EverGol	946	12.4	73.3	5
12	CREDENZ	CZ 3841	LL	Poncho/VOTiVO, ILeVO, EverGol	1012	12.6	78.2	1
13	CROPLAN	LC3900	LL	Warden CX	982	12.8	75.8	3
Plot Average:						12.3	72.2	



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WAPAKONETA S-1

Date Planted: June 7
Planting Population: 160,000
Row Width: 15 inch

Tillage: No Till
Soil Type: Fine
Date Harvested: October 18, 2017

Entry	Brand	Hybrid	Trait	Seed Treatment	Harvest Weight	Harvest Moisture %	Bushel/Acre	Yield Rank
1	CREDENZ	CZ 2601	LL	Poncho/VOTiVO, ILeVO, EverGol	908	17.2	53.6	12
2	Becks	274L4	LL	Escalate	912	16.6	54.2	10
3	CROPLAN	LC2800	LL	Warden CX	1023	16.4	61.0	6
4	CREDENZ	CZ 2810	LL	Poncho/VOTiVO, ILeVO, EverGol	1060	16.5	63.1	5
5	CREDENZ	CZ 2915	LL	Poncho/VOTiVO, ILeVO, EverGol	987	17.1	58.4	7
6	CROPLAN	LC3150	LL	Warden CX	928	16.7	55.1	9
7	CREDENZ	CZ 3233	LL	Poncho/VOTiVO, ILeVO, EverGol	974	16.7	57.9	8
8	CREDENZ	CZ 3234	LL	Poncho/VOTiVO, ILeVO, EverGol	1089	16.3	65.0	4
9	CROPLAN	LC3600	LL	Warden CX	1168	16.0	70.0	3
10	Becks	366L4	LL	Escalate	899	16.3	53.7	11
11	CREDENZ	CZ 3601	LL	Poncho/VOTiVO, ILeVO, EverGol	1209	16.1	72.3	2
12	CREDENZ	CZ 3841	LL	Poncho/VOTiVO, ILeVO, EverGol	869	16.8	51.6	13
13	CROPLAN	LC3900	LL	Warden CX	1287	16.9	76.3	1
Plot Average:						16.6	60.9	

SOYBEAN VARIETY PLOT AVERAGES

** Varieties are ranked based on an index to average, NOT average yield. 100 is the average for all varieties across all plots.

For example, CREDENZ 2601 has an average index of 111.5. Meaning it performed 11.5 *higher* than what was considered the average yield across all plots the entry was in. Pioneer P33T19X has an average index of 90.1. This means it performed 9.9 *lower* than what was considered the average yield across all plots the entry was in.

Brand	Variety	Trait	# of Entries	Average Yield	Average Index
CREDENZ	CZ 2601	LL	3	59.8	111.5
CROPLAN	R2C2674	RR2	5	61.4	109.1
CROPLAN	R2C2810	RR2	6	64.5	107.4
Mycogen	MY5N306	RR2	3	61.9	107.1
NK	S31-Y2X	RR/Xtend	4	60.1	106.7
CROPLAN	LC3800	LL	3	59.8	105.9
CROPLAN	RX3556 Warden CX	RR/Xtend	9	57.5	105.3
CREDENZ	CZ 3601	LL	4	61.7	104.5
CROPLAN	RX3556 Warden CX + ILeVO	RR/Xtend	10	60.3	104.4
CROPLAN	RX3556 Intego + Aveo	RR/Xtend	11	59	103.5
CROPLAN	RX3556 Warden CX + Vault	RR/Xtend	10	59.3	103.2
CREDENZ	CZ 3234	LL	4	59.8	102.9
ASGROW	AG32X8	RR/Xtend	5	57.1	102.2
CROPLAN	LC3600	LL	4	60	102.2
ASGROW	AG33X8	RR/Xtend	11	57.3	101.6
CROPLAN	R2C3300	RR2	12	59.1	101.6
Pioneer	P40T84X	RR/Xtend	3	57.3	101.3
CREDENZ	CZ 2810	LL	4	58.7	100.2

SOYBEAN VARIETY PLOT AVERAGES

Brand	Variety	Trait	# of Entries	Average Yield	Average Index
CROPLAN	RX3556 Warden RTA	RR/Xtend	9	57.4	100.2
CROPLAN	RX3337	RR/Xtend	4	55.4	100.1
ASGROW	AG38X8	RR/Xtend	3	56.2	99.7
CREDENZ	CA 3233	LL	3	61	99.7
CROPLAN	R2C3100	RR2	3	56.1	99.6
ASGROW	AG36X6	RR/Xtend	9	57.5	99.5
CROPLAN	RX3556	RR/Xtend	3	59.4	98.9
CROPLAN	RX3457	RR/Xtend	8	54.8	98.5
ASGROW	AG26X8	RR/Xtend	3	56.5	97.9
CREDENZ	CZ 2915	LL	4	57.5	97.6
CROPLAN	RX2657	RR/Xtend	5	54.9	96.9
ASGROW	AG32X6	RR/Xtend	8	54.4	95.9
ASGROW	AG30X8	RR/Xtend	4	54.7	95.4
CROPLAN	LC2800	LL	3	60.4	95.3
ASGROW	AG30X6	RR/Xtend	4	50.6	95.1
CROPLAN	LC3150	LL	4	55.6	94.8
Pioneer	P36T36X	RR/Xtend	5	52.2	94.5
ASGROW	AG34X6	RR/Xtend	3	53.4	94.2
CROPLAN	LC2934	LL	3	58.5	94
Pioneer	P28T71X	RR/Xtend	3	56.3	92.5
ASGROW	AG35X7	RR/Xtend	9	54.5	92.2
CROPLAN	R2C4000	RR2	3	51	90.3
Pioneer	P33T19X	RR/Xtend	5	53.5	90.1



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