

2021 ANNUAL REPORT - CORN

FBN[®] Demo

Onida, South Dakota

Farmer's Business Network, Inc.
November 7, 2022



Dear FBN® Demo,

We are pleased to present you your 2021 Annual Report.

In your report, you will find a summary of your operation's 2021 yield and economic performances, as well as benchmarking comparing your performance to other FBN enterprises. In addition, this report shows how your different fields compared to each other, how different varieties performed across your operation, what factors were associated with your within-field variation, and how weather conditions varied throughout the year.

See an incomplete table? That means we didn't have enough data to provide this information.

Consider adding this data to enhance your report:

- Precise Crop & Variety Names
- Historical Yield Files & Post Calibration Results
- Variable Rate or Fixed Rate Planting Files or Records
- Prices Paid for Your Seeds

You can add data through your account or by emailing it to data@farmersbusinessnetwork.com.

Very Truly Yours,

Farmer's Business Network, Inc.

Need Assistance or Have Suggestions?

Call us at 1 (844) 200-FARM

Or email us at support@farmersbusinessnetwork.com

© Copyright 2014 - 2022 Farmer's Business Network, Inc. All rights reserved. This report is a service of the named member's Farmer's Business Network membership account. The Report is governed by and its use is subject to the Farmer's Business Network Terms of Service and Privacy Policy, available at www.farmersbusinessnetwork.com, and may not be copied, reproduced, modified, published, broadcast, transmitted, or distributed without Farmer's Business Network's prior consent.

Contents

Enterprise Summary	1
Yield Overview	1
Yield Benchmarking	1
Seed Cost	2
Yield by Variety and Soil Type	3
Variety Summary	5
Overview	5
Field Summary	6
Overview	6
Yield Benchmarking	7
Field Highlights	8
Field-Specific Reports	9
Dad's South 80	10
Dad's West	15
Family Trust Back 50	20
Family Trust East 44	25
Family Trust South	30
Family Trust West	35
Home North 60	40
Home North 80	45
Home West	50
Mom's 88	55
Mom's East 32	60
Mom's North 42	65
Mom's South 40	70

Enterprise Summary

Yield Overview

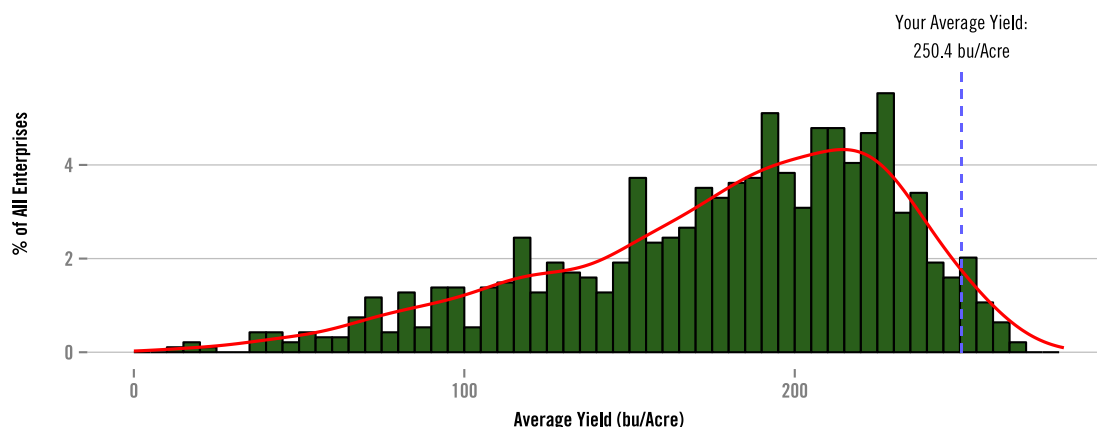
The table below summarizes your corn yield in 2021 compared to the average yield in your state. Also, we calculated your Yield Potential, which is the yield you could achieve by matching the optimal varieties to your soil types. All comparisons are based on data across the FBN network in North America.

Your Yield	Illinois Average Yield	Difference vs. IL Yield	Yield Potential
250.4	212.5	+17.8%	275.5

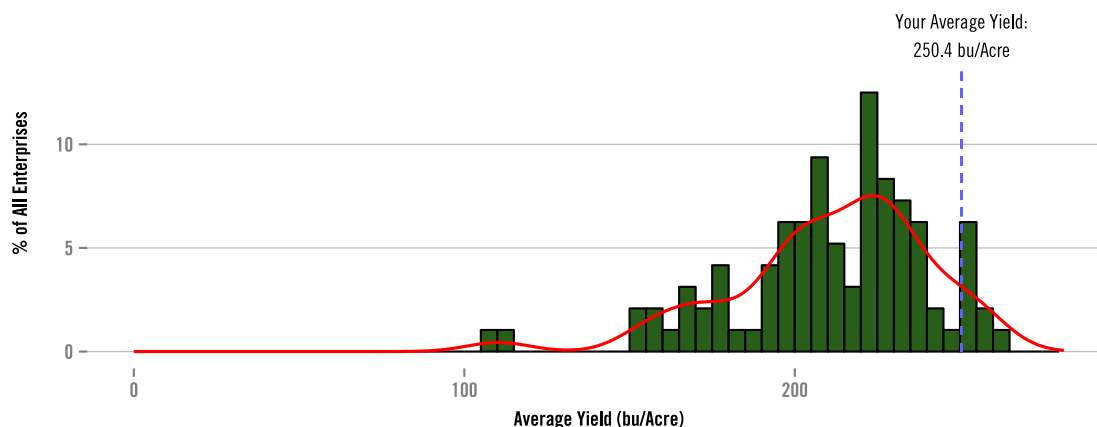
Yield Benchmarking

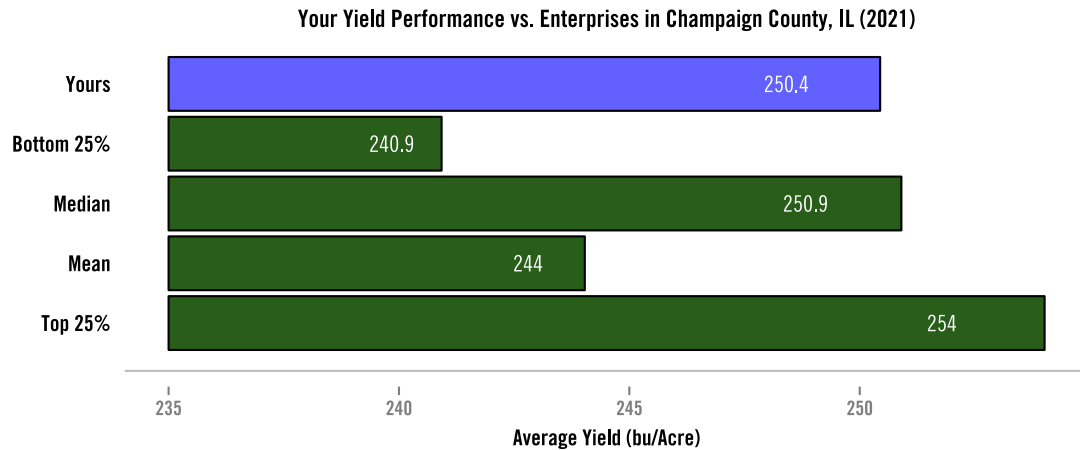
The graph below displays how you performed compared to all other enterprises across the network, Illinois, and your county.

Your Yield Performance vs. All FBN Enterprises in North America (2021)



Your Yield Performance vs. Enterprises in Illinois (2021)





Seed Cost

The table below shows your seed cost per acre in 2021 compared to other FBN enterprises in your region. Seed cost is calculated based on varieties with both seeding rate and seed price information.

Your Avg. Seed Cost	Illinois Avg. Seed Cost	Difference vs. IL Seed Cost
\$136.85	\$102.37	+33.7%

Yield by Variety and Soil Type

The tables below summarize your 2021 corn yield for different variety and soil type combinations.

	Variety								
	DKC58-64 SS	DKC59-81 SS	DKC61-40 SS	DKC62-52 SS	DKC64-34 SS	DKC65-94 SS	DKC66-17 SS	DKC67-37 SS	F2F1C-088 CONV
Soil Type	Ashkum	262.7	306.2	257.2	—	—	—	—	—
	Birkbeck	—	—	—	—	—	—	—	253.0
	Brenton	268.2	289.0	265.0	—	—	—	—	—
	Catlin	—	—	—	—	175.5	280.6	182.2	275.9
	Dana	256.7	249.5	264.2	257.8	—	190.5	206.5	260.5
	Drummer	255.6	255.2	257.8	252.4	268.8	140.7	275.9	168.3
	Elburn	—	254.4	—	251.9	—	—	—	273.1
	Elliott	262.7	292.9	255.1	—	—	—	—	—
	Flanagan	—	231.9	—	247.9	—	256.8	273.7	262.7
	La Hogue	289.6	299.6	285.9	—	—	—	—	—
	Odell	246.3	—	254.3	—	—	—	—	—
	Plano	—	274.0	—	268.8	—	—	—	—
	Raub	251.4	265.4	269.9	—	269.9	—	—	249.3
	Russell	—	—	—	—	—	295.1	—	220.2
	Selma	247.3	—	252.6	—	—	—	—	—
	Wyanet	—	265.3	270.3	—	276.9	—	—	256.9
	Xenia	—	—	—	—	—	—	—	240.5

Lowest Yield  Highest Yield

		Variety			
		F2F1C-108 CONV	MG-P019 AGRISURE ARTESIAN GTA	MR-T999 AGRISURE ARTESIAN 3011A	MRZ-Q010 AGRISURE 3122
Soil Type	Ashkum	—	—	—	—
	Birkbeck	249.7	—	—	—
	Brenton	—	—	—	—
	Catlin	267.6	—	—	—
	Dana	259.6	—	—	—
	Drummer	250.2	256.2	266.8	271.4
	Elburn	255.9	258.3	271.8	275.1
	Elliott	—	—	—	—
	Flanagan	232.6	—	—	—
	La Hogue	—	—	—	—
	Odell	—	—	—	—
	Plano	—	—	—	—
	Raub	236.8	—	—	—
	Russell	200.6	—	—	—
	Selma	—	—	—	—
	Wyanet	260.1	—	—	—
	Xenia	247.7	—	—	—

Lowest Yield  Highest Yield

Variety Summary

Overview

The table below summarizes the yield, seed cost, and economic return (defined as revenue minus seed cost) of each of your varieties in 2021 (assuming \$3.50 per bushel). Seed profitability can only be calculated for fields with both seeding rate and seed price information.

Variety	Acres Harvested	Average Yield	Seeding Rate	Seed Cost per Acre	Seed Cost per Bushel	Net Seed Return per Acre
DKC64-34 SS	22	271.9	37,751	\$136.85	\$0.50	\$814.78
DKC66-17 SS	21	281.3	36,318	—	—	—
MRZ-Q010 AGRISURE 3122	11	273.3	37,089	—	—	—
MR-T999 AGRISURE ARTE-SIAN 3011A	11	269.3	36,956	—	—	—
DKC59-81 SS	82	266.9	37,431	—	—	—
DKC61-40 SS	242	263.5	37,840	—	—	—
DKC58-64 SS	170	259.3	37,865	—	—	—
MG-P019 AGRISURE ARTE-SIAN GTA	11	257.3	36,618	—	—	—
DKC62-52 SS	46	254.7	36,888	—	—	—
F2F1C-088 CONV	80	253.8	36,862	—	—	—
F2F1C-108 CONV	112	246.0	36,922	—	—	—
DKC67-37 SS	22	197.9	36,742	—	—	—
DKC65-94 SS	22	182.6	36,425	—	—	—

Field Summary

Overview

The table below summarizes your acres harvested, yield, harvest moisture, seed cost (this column is blank for any fields where we do not have both seeding rate and seed price data), and average yield over past three years (this column is blank for any fields where we do not have at least three years of yield data for this crop) on each of your fields in 2021.

Field	Acres Harvested	Seed Cost per Acre	Harvest Moisture	Average Yield (2021)	Three-Year Avg. Yield
Family Trust West	43	—	25.2%	279.7	—
Mom's 88	50	—	19.5%	277.9	—
Home North 80	81	—	18.4%	265.3	—
Home North 60	65	\$136.85	24.4%	263.3	—
Mom's North 42	44	—	17.7%	263.2	—
Mom's South 40	42	—	19.5%	261.9	—
Mom's East 32	33	—	16.4%	257.7	—
Dad's West	153	—	23.6%	257.6	—
Home West	79	—	19.2%	254.0	—
Dad's South 80	78	—	22.1%	252.1	—
Family Trust Back 50	60	—	16.6%	249.3	—
Family Trust East 44	80	—	17.4%	244.8	—
Family Trust South	44	—	15.9%	190.2	—

Yield Benchmarking

The table below shows each of your field's 2021 yield performance benchmarked against other Illinois fields with similar soil types. We also display a rating summarizing how far above or below the benchmark you fell.

Field	Average Dry Yield	Benchmark Yield	Difference vs Benchmark	Rating
Family Trust West	279.7	214.9	+30.2%	5.0 ★★★★★
Mom's 88	277.9	218.4	+27.2%	5.0 ★★★★★
Mom's South 40	261.9	214.1	+22.3%	5.0 ★★★★★
Dad's West	257.6	213.2	+20.9%	5.0 ★★★★★
Home North 80	265.3	220.4	+20.4%	5.0 ★★★★★
Home North 60	263.3	219.4	+20.0%	5.0 ★★★★★
Mom's North 42	263.2	221.9	+18.6%	4.9 ★★★★★☆
Home West	254.0	215.6	+17.8%	4.9 ★★★★★☆
Family Trust Back 50	249.3	219.1	+13.8%	4.6 ★★★★★☆
Mom's East 32	257.7	226.6	+13.7%	4.6 ★★★★★☆
Family Trust East 44	244.8	217.6	+12.5%	4.6 ★★★★★☆
Dad's South 80	252.1	232.6	+8.4%	4.3 ★★★★★☆
Family Trust South	190.2	217.0	-12.3%	3.2 ★★★☆☆

Field Highlights

This section highlights fields in your enterprise with highest/lowest yield in 2021 and compares key operational practices between highlighted fields and all other fields. If you can provide seed price information and seeding rates for each of your fields, we will generate a table highlighting your most/least profitable fields as well.

Highest Yield Field: Family Trust West

Lowest Yield Field: Family Trust South

	Average Dry Yield	Harvest Moisture	Most Common Variety	Most Common Soil Type	Seeding Rate
Highest Yield Field	279.7 bu/Ac	25.2%	DKC58-64 SS; DKC59-81 S- S; DKC61-40 SS (43/43 Acres)	Ashkum; Brenton; Drumme- r; Elliott; La Hogue (43/43 Acres)	38,249
All Your Fields	250.4 bu/Ac	19.6%	DKC61-40 SS (242/852 Acres)	Drummer (219/852 Acres)	37,400
Lowest Yield Field	190.2 bu/Ac	15.9%	DKC65-94 SS; DKC67-37 SS (44/44 Acres)	Dana (17/44 Acres)	36,583

Field-Specific Reports

This section displays detailed information about field-specific performance in 2021. We provide:

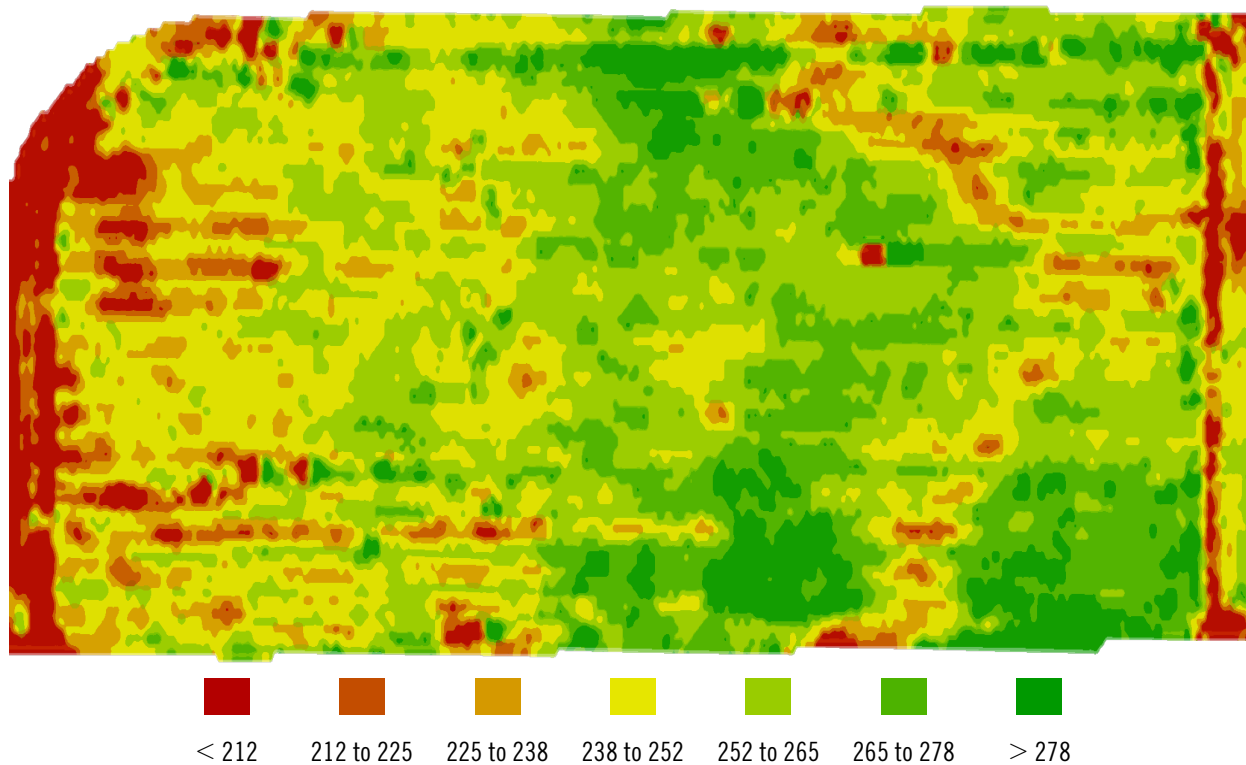
- Yield map visualizing within-field yield variability.
- Within-field yield distribution.
- Analysis of how yield varied by different factors throughout the field.
- Field-specific weather conditions during the growing season.

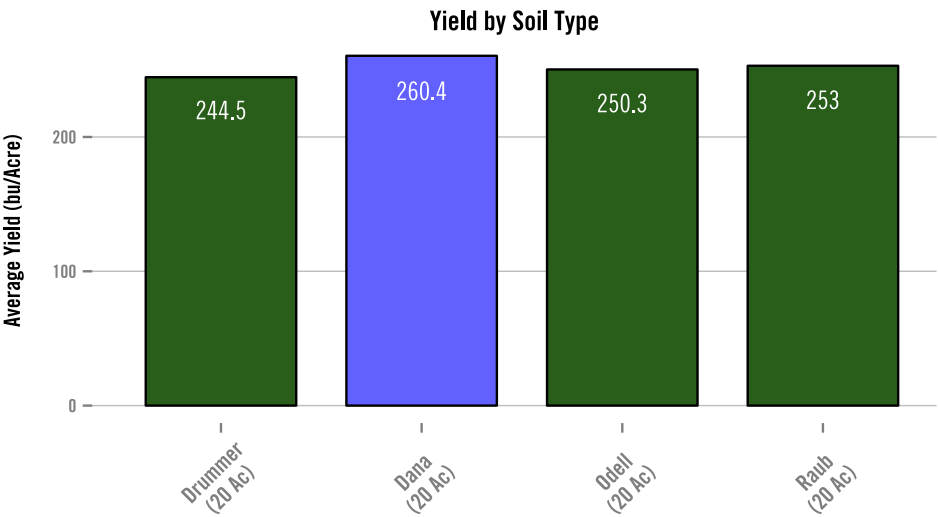
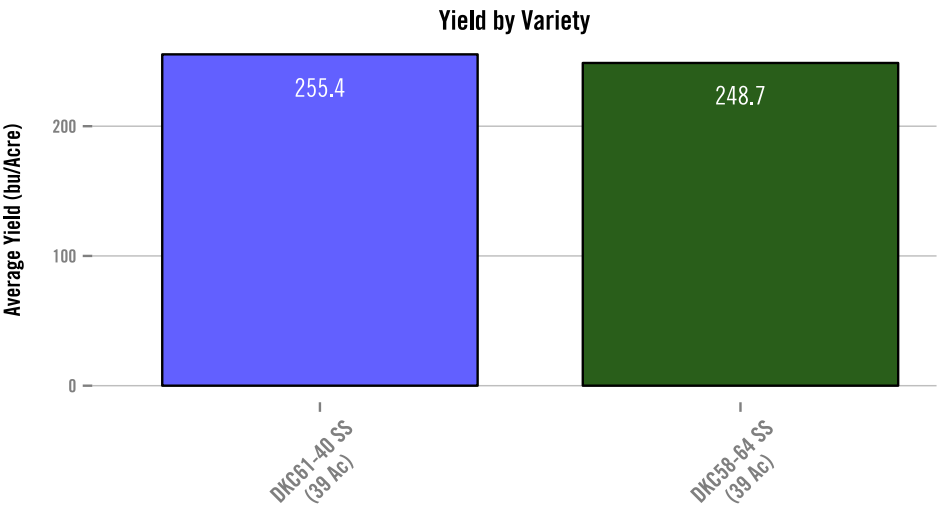
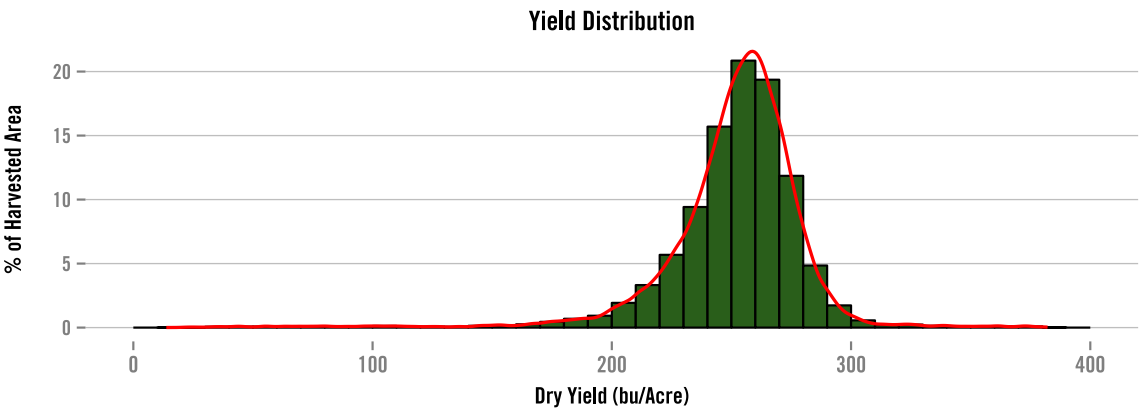
Dad's South 80

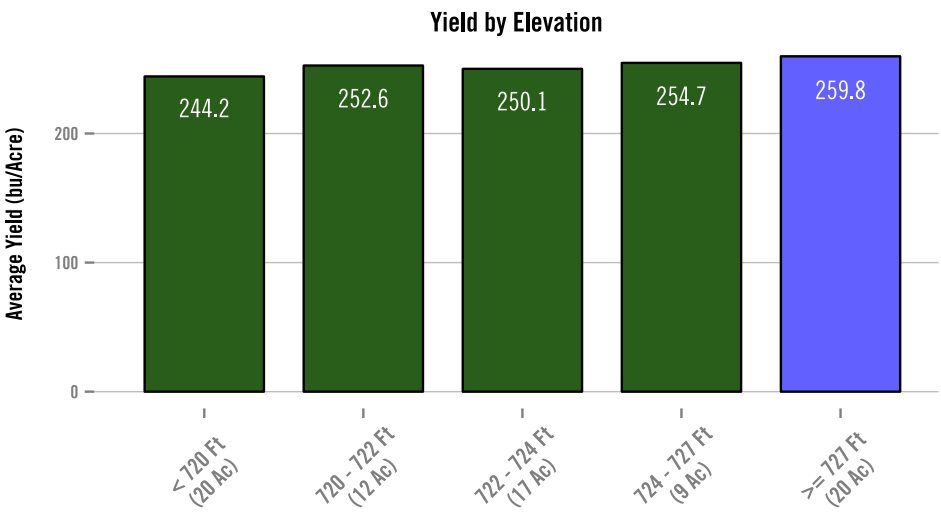
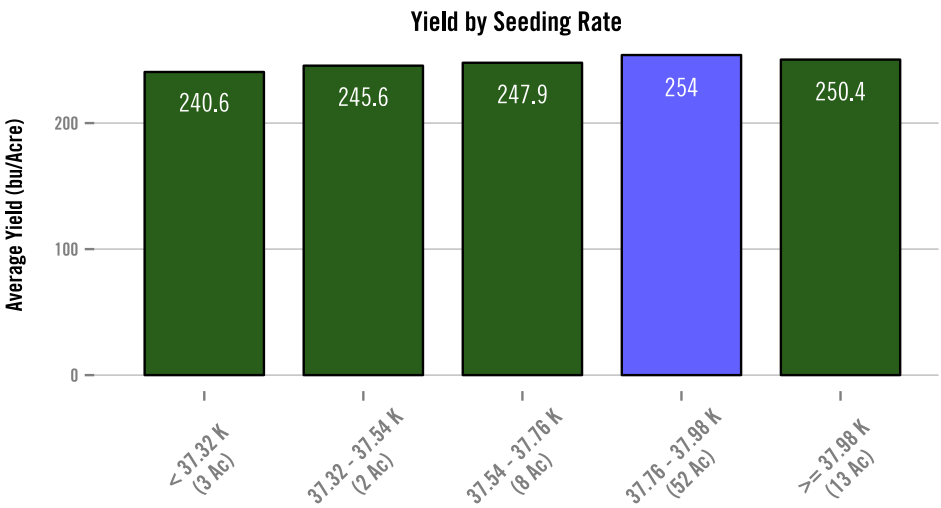
Yield Summary

Acres Harvested:	78
Average Dry Yield:	252.1 bu/Ac
Average Yield of IL Fields with Similar Soil Conditions:	232.6 bu/Ac
Harvest Moisture:	22.1%

Yield Map







Growing Season Weather Summary

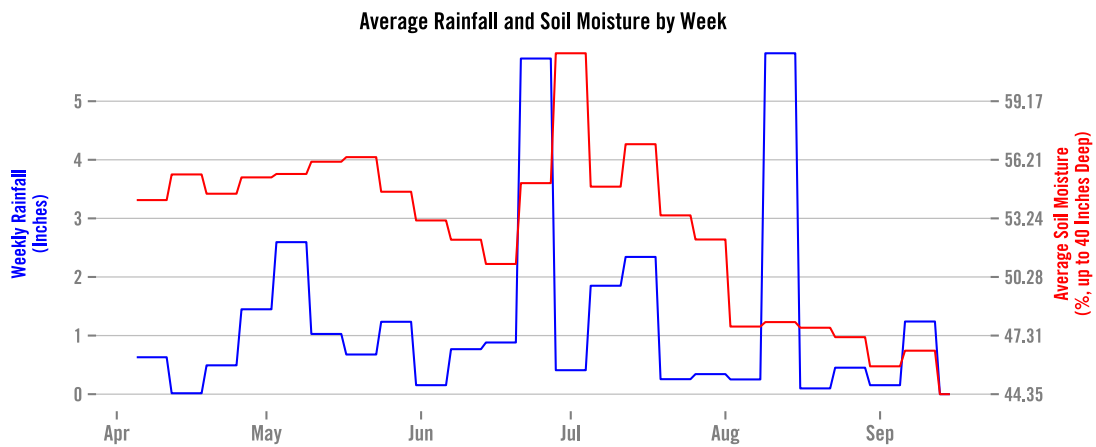
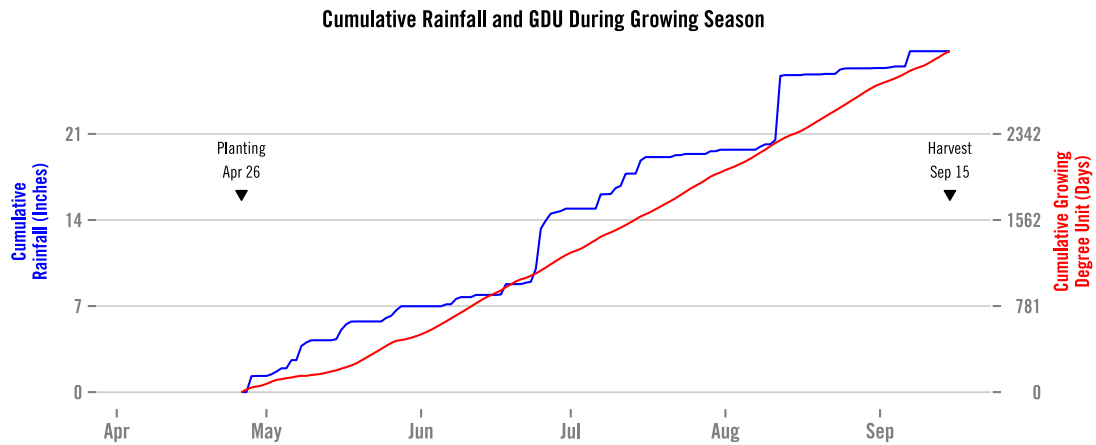
Dad's South 80

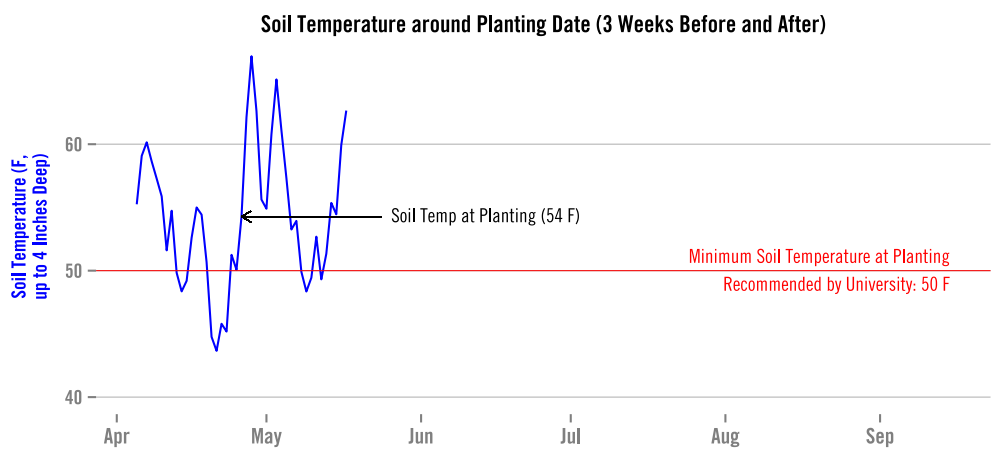
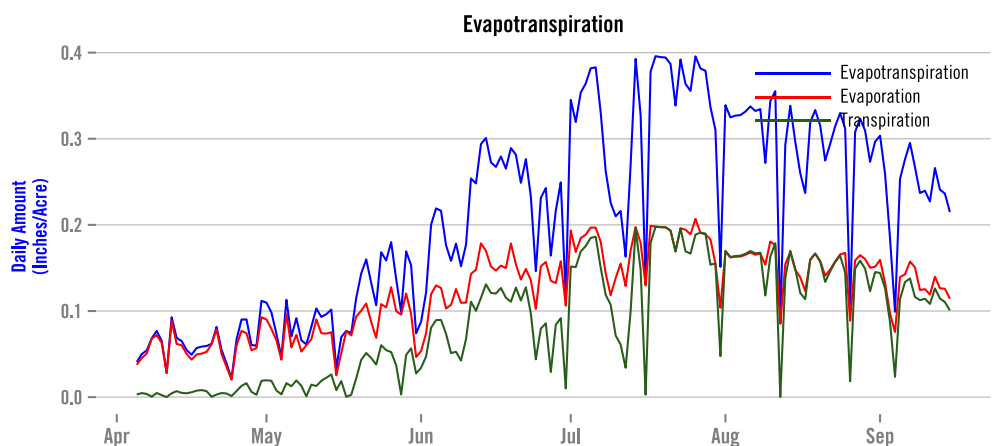
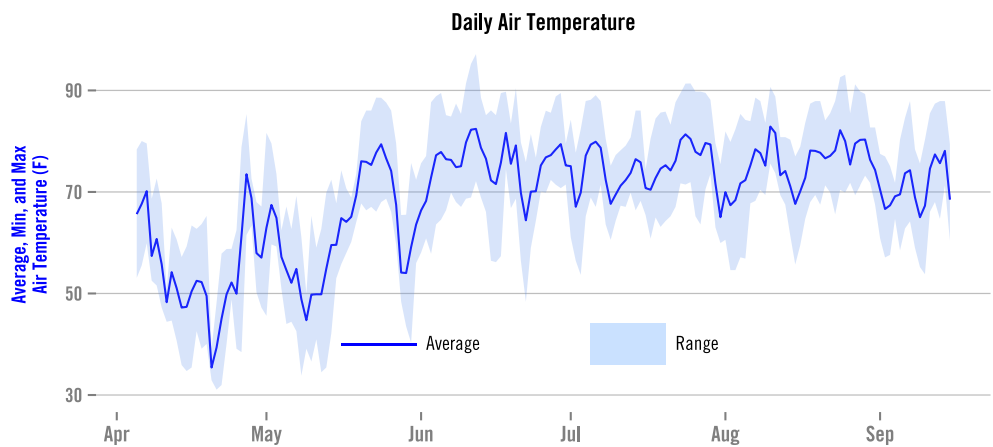
This section summarizes weather conditions in this field during the growing season.

Season Length: 143 Days (Apr 26 - Sep 15)

Cumulative Rainfall during Season: 27.7 Inches

Cumulative GDU during Season: 3,093 Days



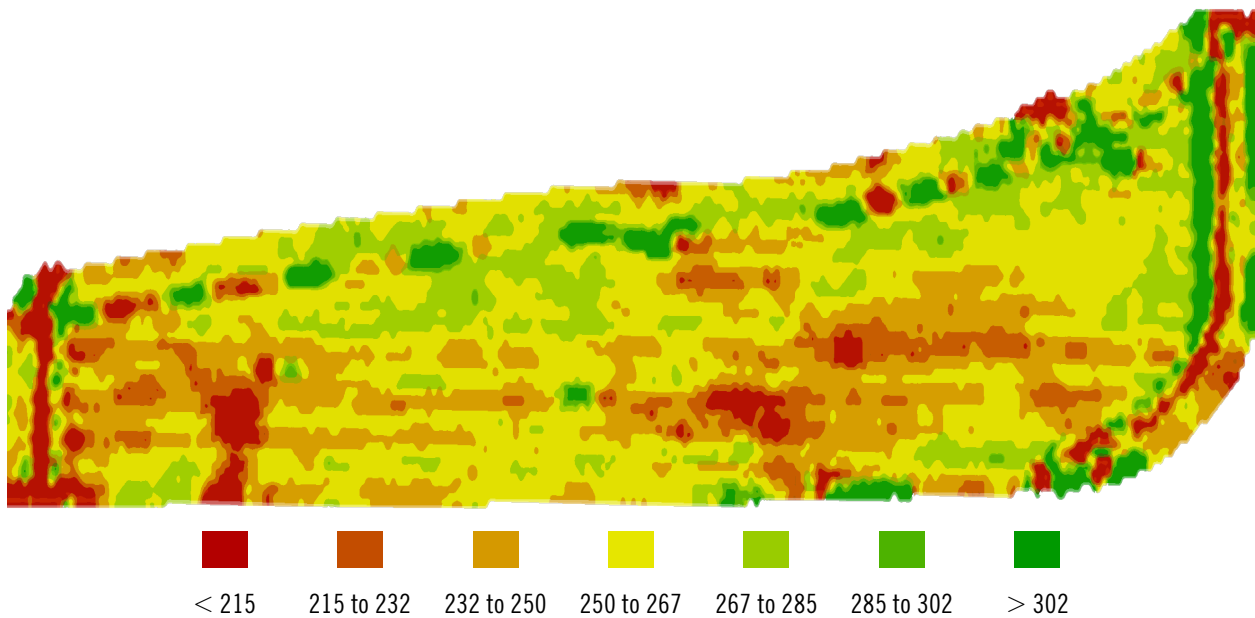


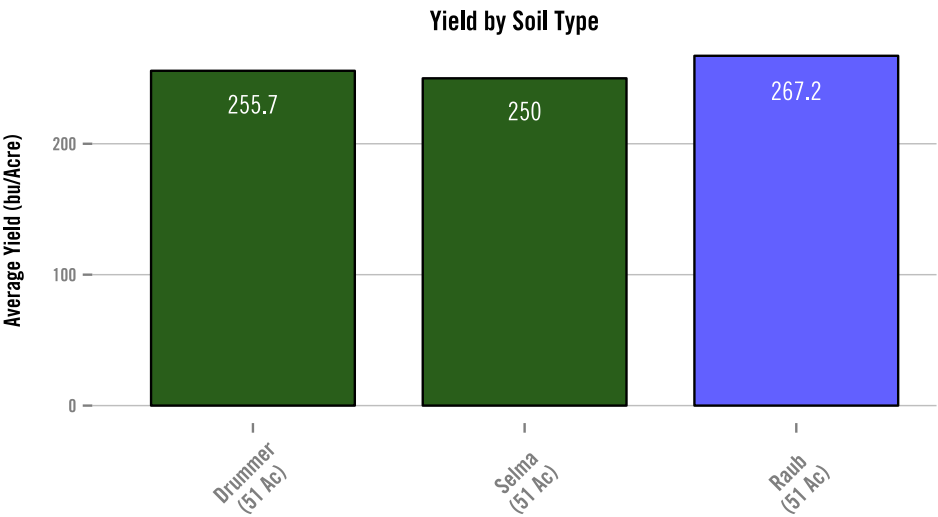
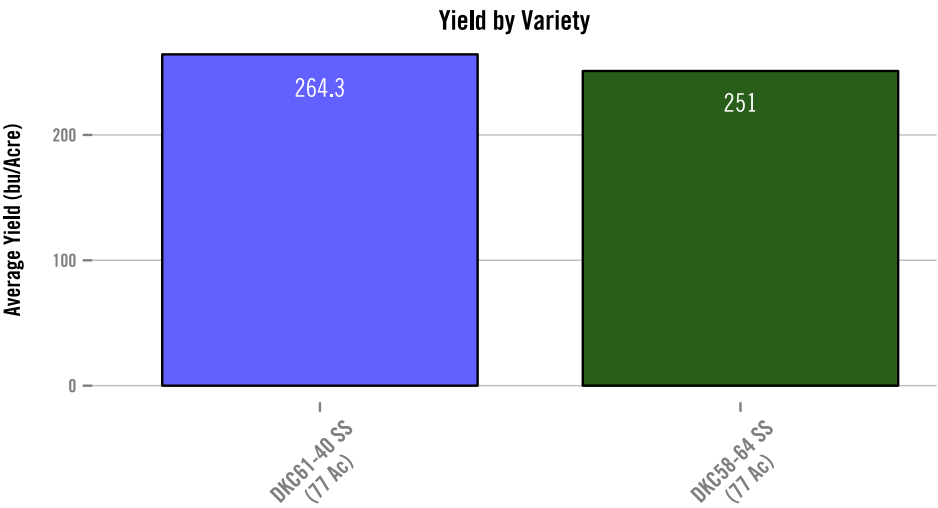
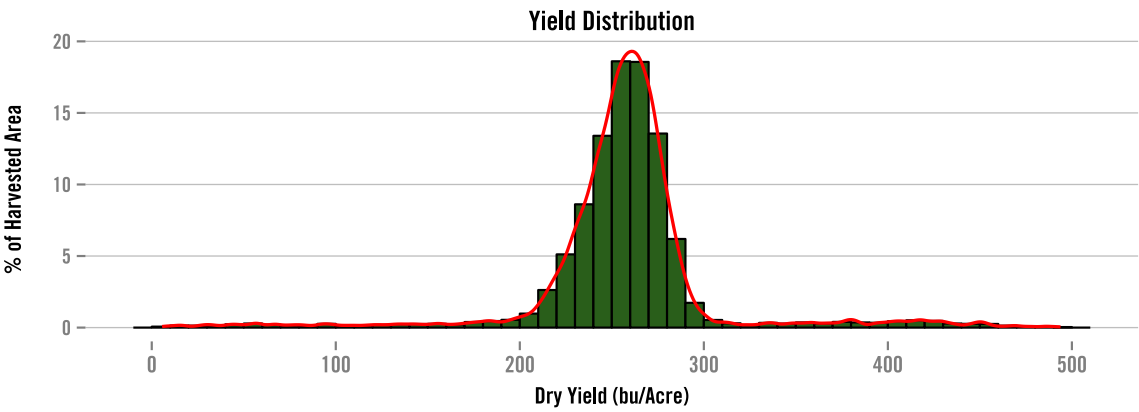
Dad's West

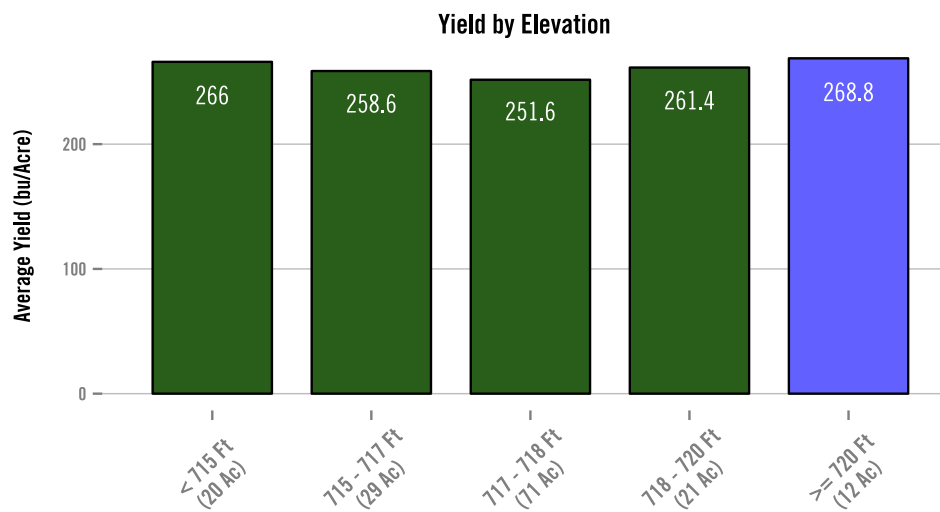
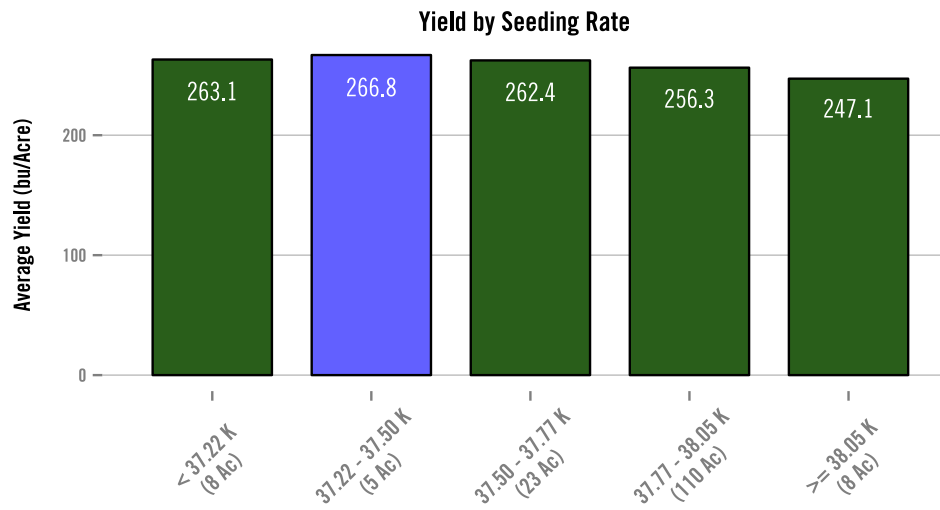
Yield Summary

Acres Harvested:	153
Average Dry Yield:	257.6 bu/Ac
Average Yield of IL Fields with Similar Soil Conditions:	213.2 bu/Ac
Harvest Moisture:	23.6%

Yield Map







Growing Season Weather Summary

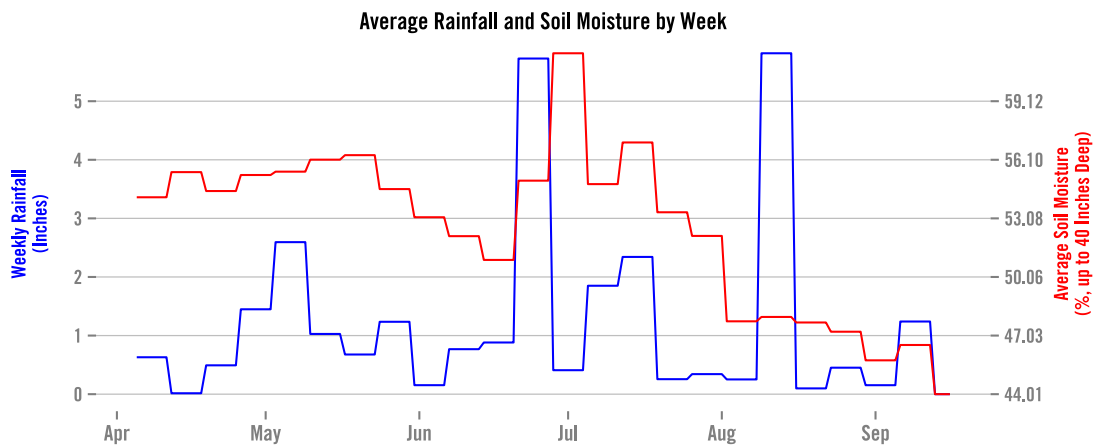
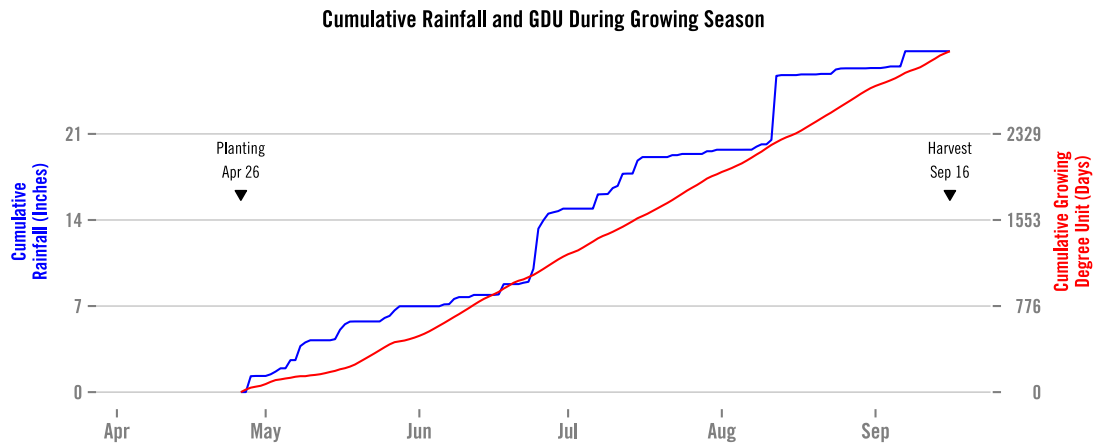
Dad's West

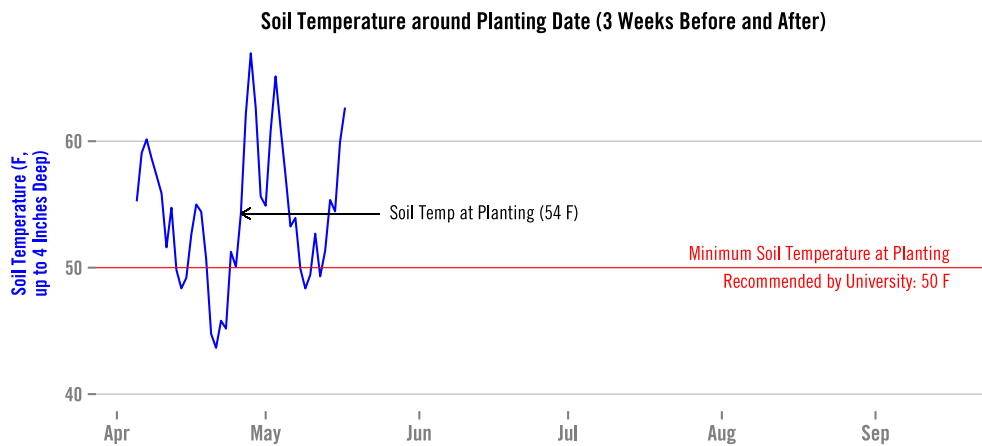
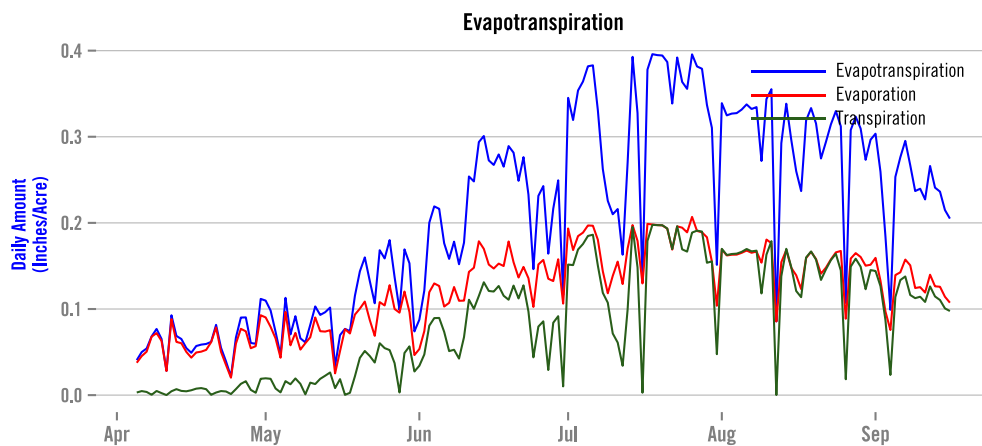
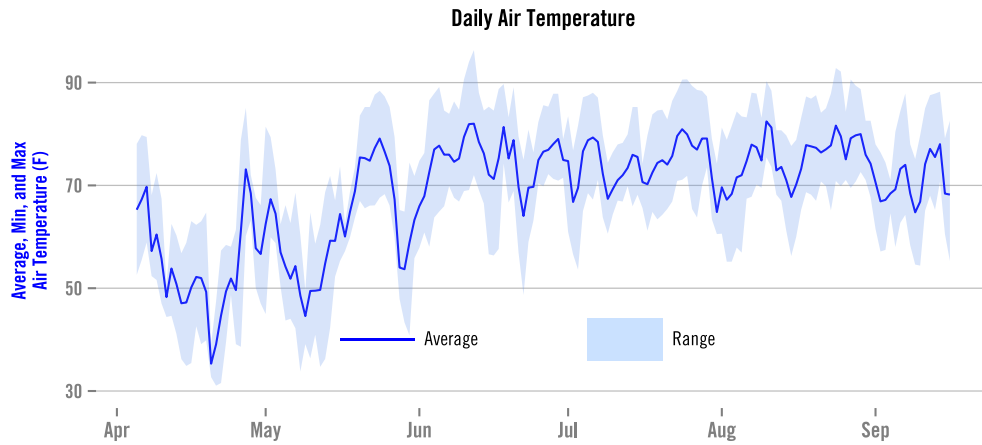
This section summarizes weather conditions in this field during the growing season.

Season Length: 144 Days (Apr 26 - Sep 16)

Cumulative Rainfall during Season: 27.7 Inches

Cumulative GDU during Season: 3,075 Days



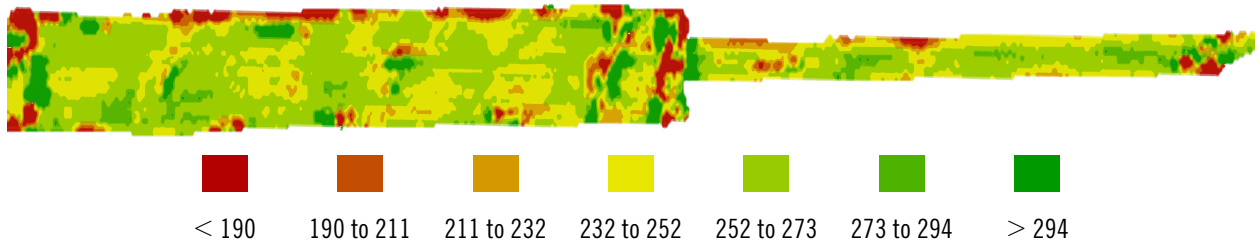


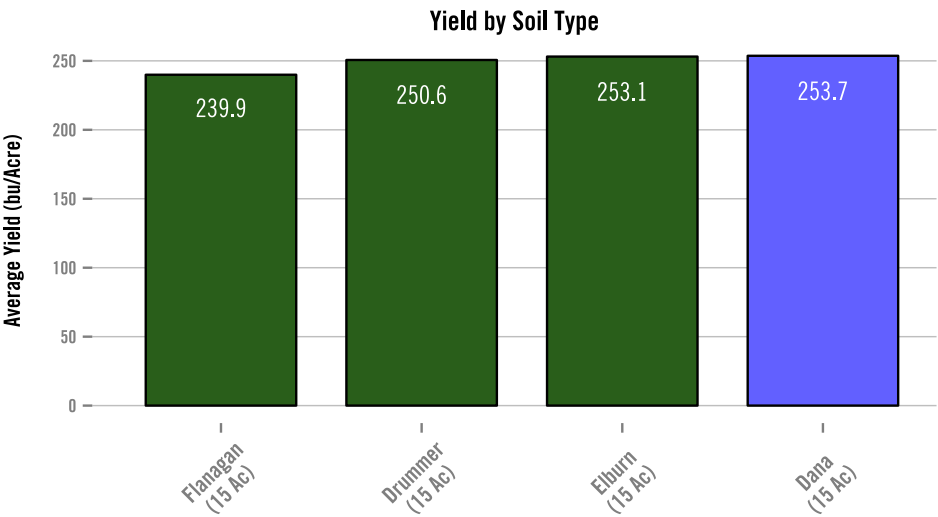
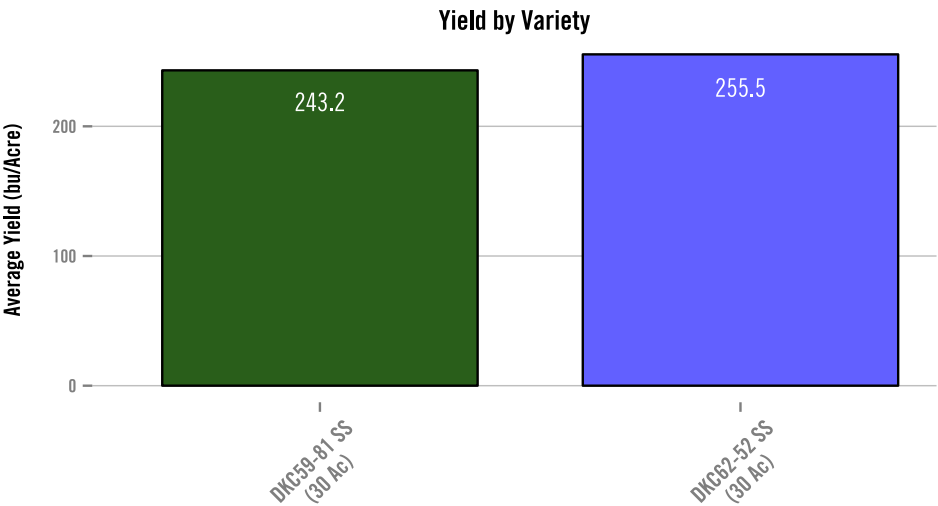
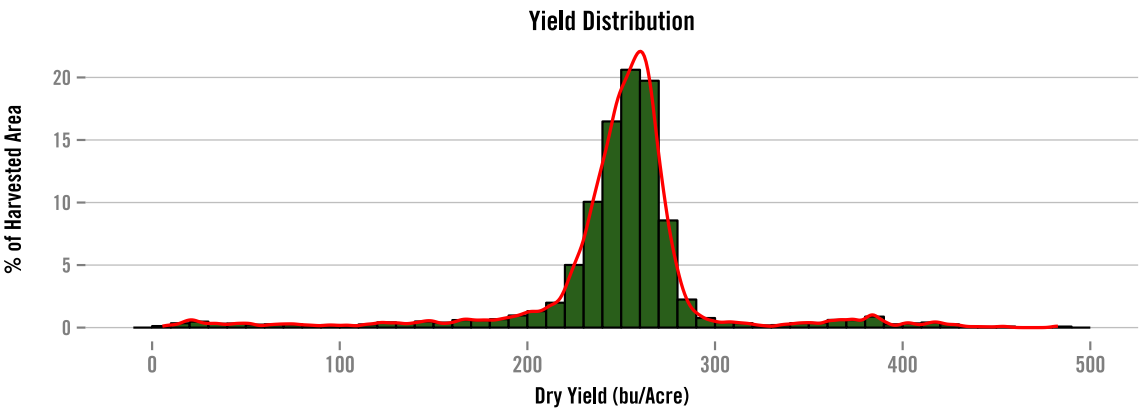
Family Trust Back 50

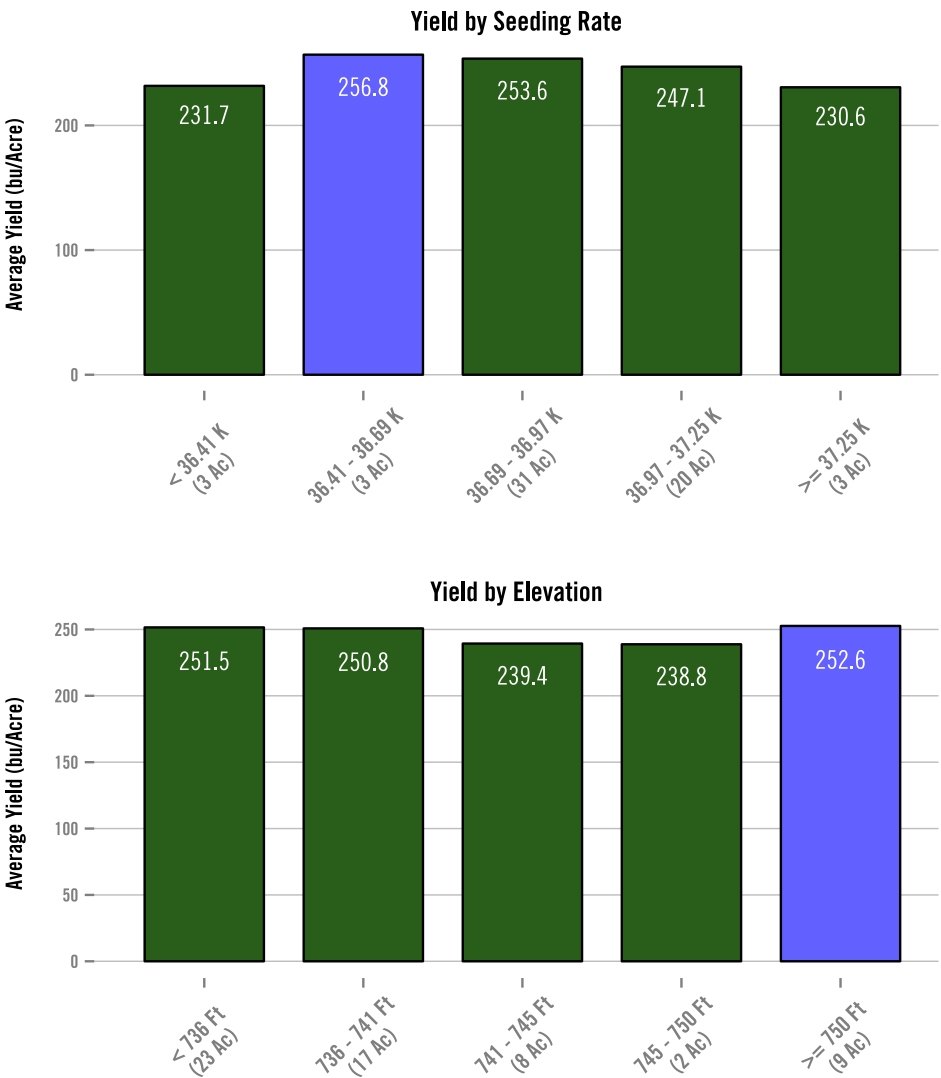
Yield Summary

Acres Harvested:	60
Average Dry Yield:	249.3 bu/Ac
Average Yield of IL Fields with Similar Soil Conditions:	219.1 bu/Ac
Harvest Moisture:	16.6%

Yield Map







Growing Season Weather Summary

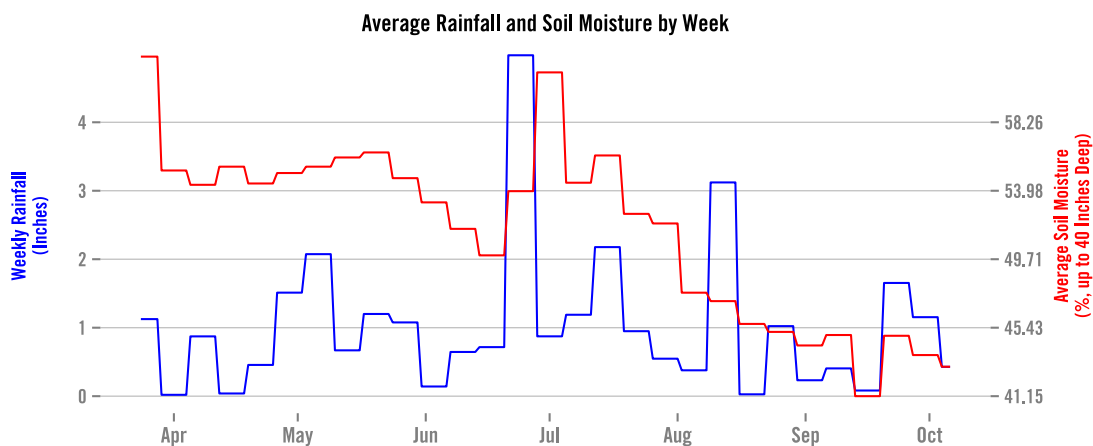
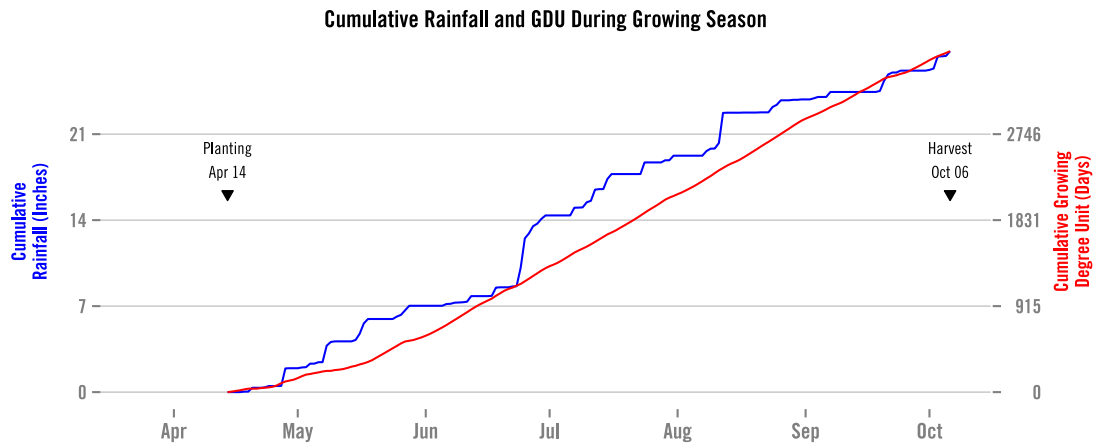
Family Trust Back 50

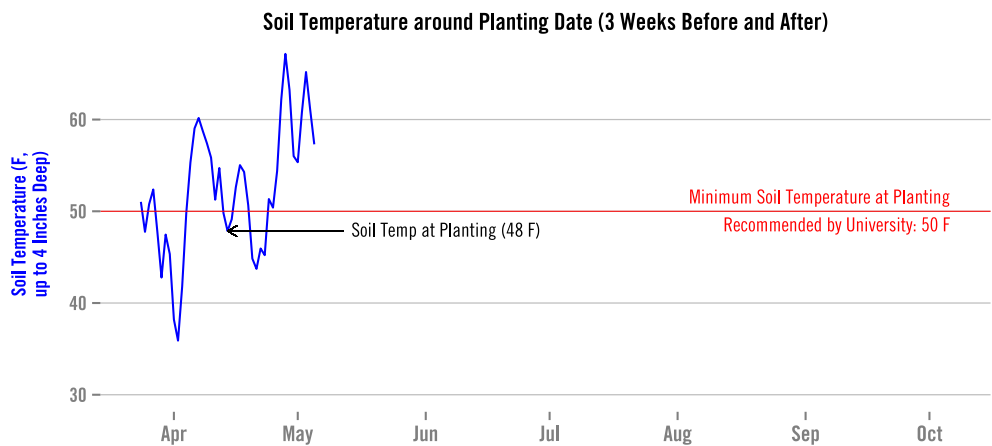
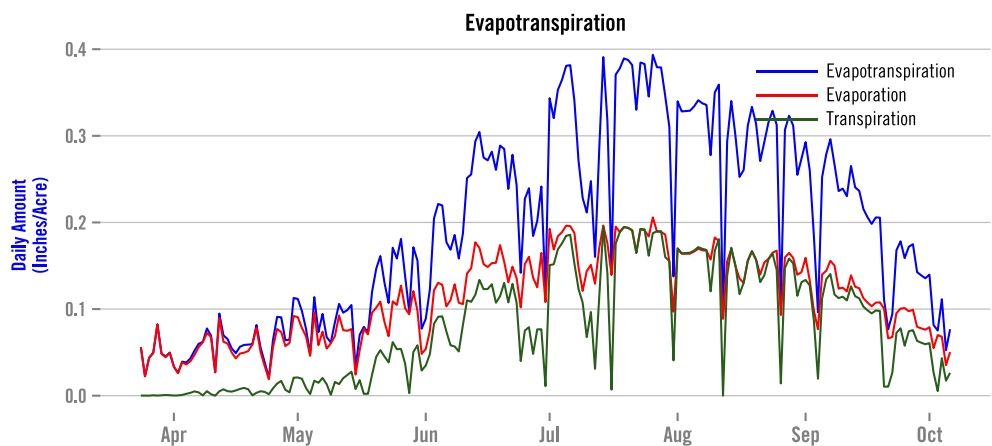
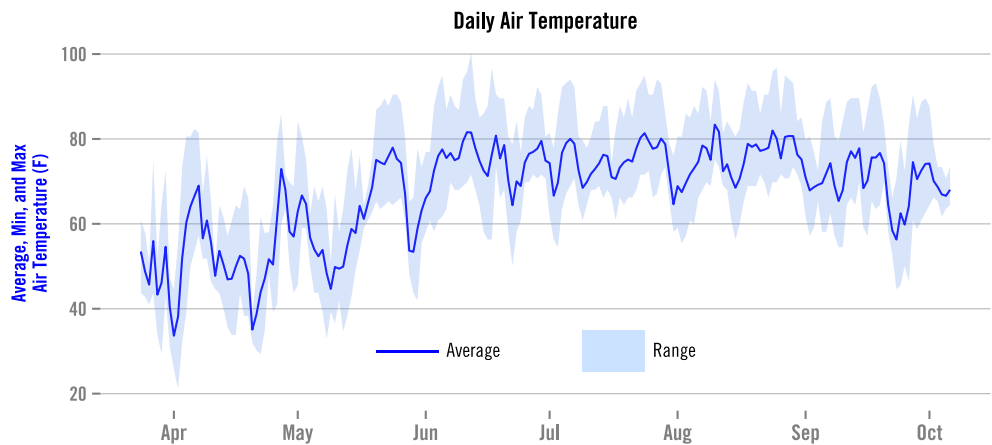
This section summarizes weather conditions in this field during the growing season.

Season Length: 176 Days (Apr 14 - Oct 06)

Cumulative Rainfall during Season: 27.8 Inches

Cumulative GDU during Season: 3,629 Days



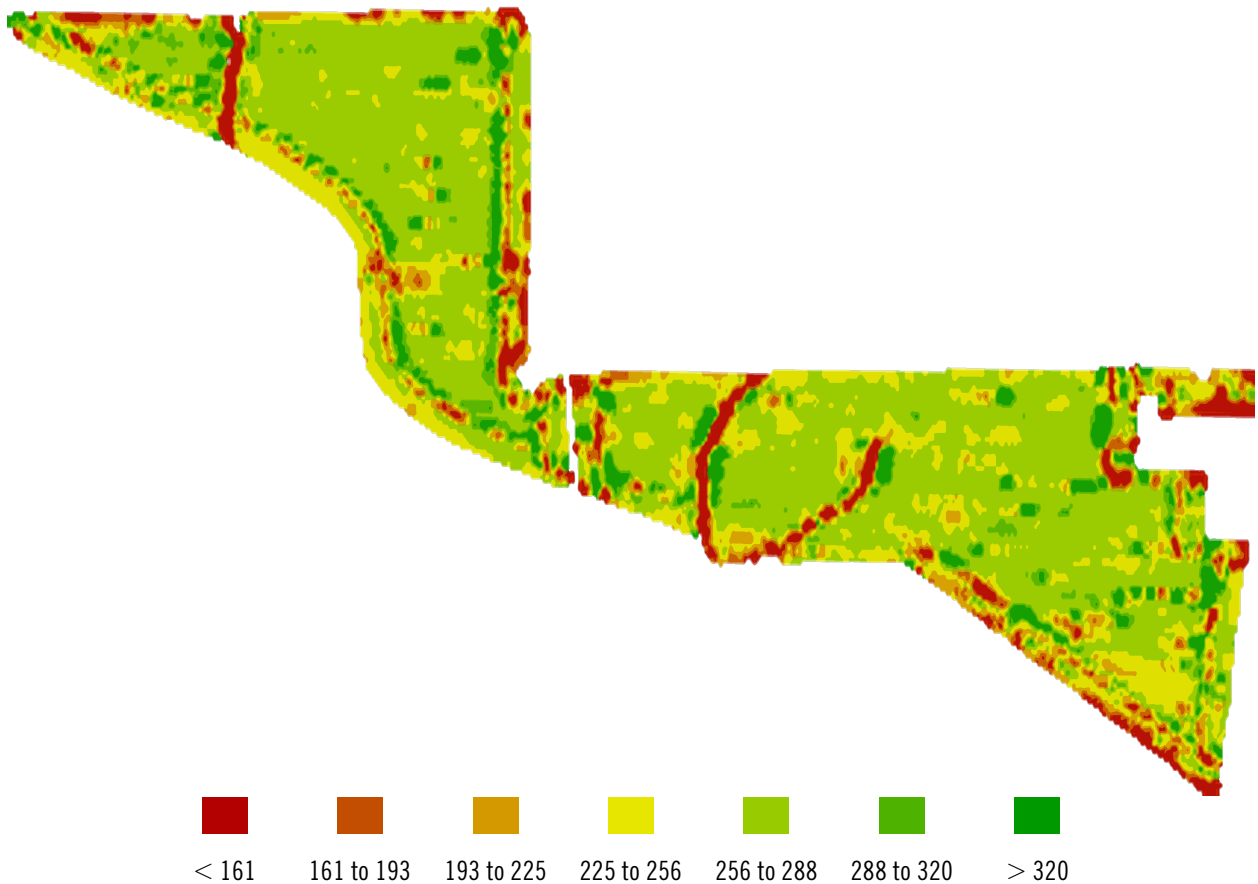


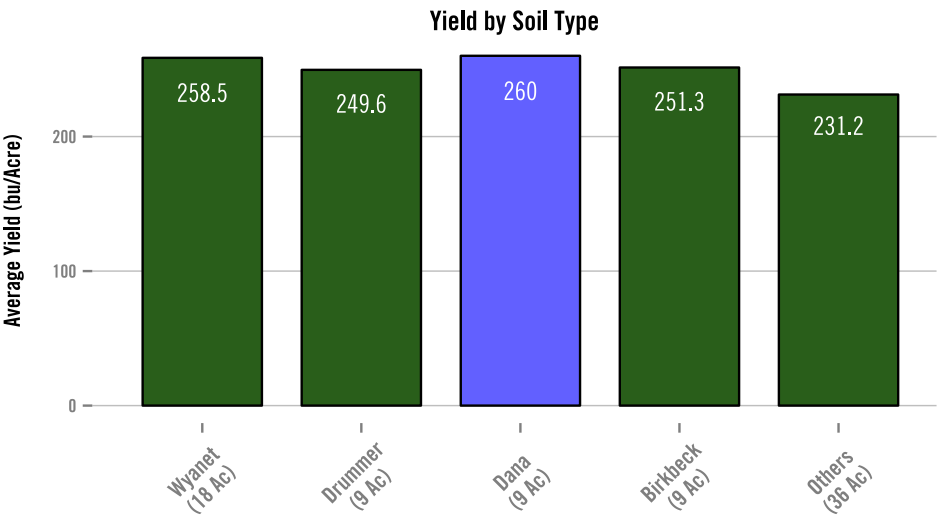
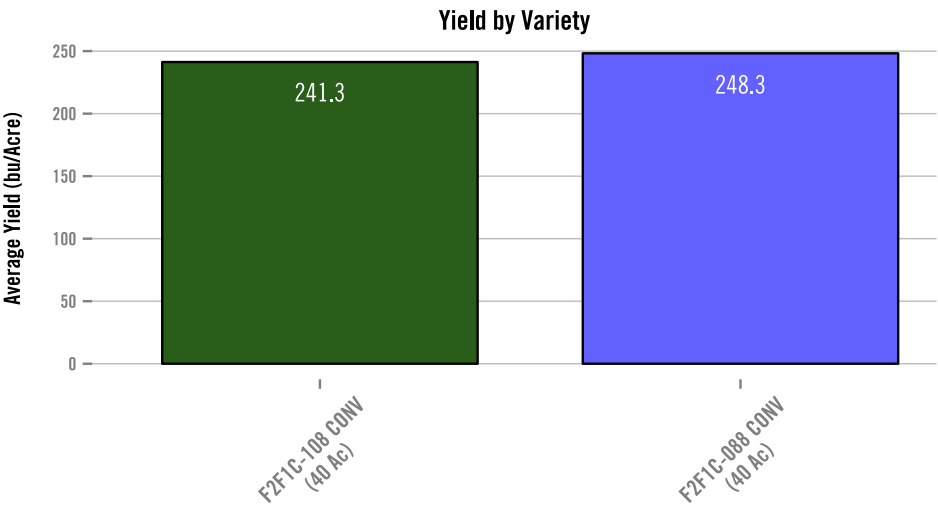
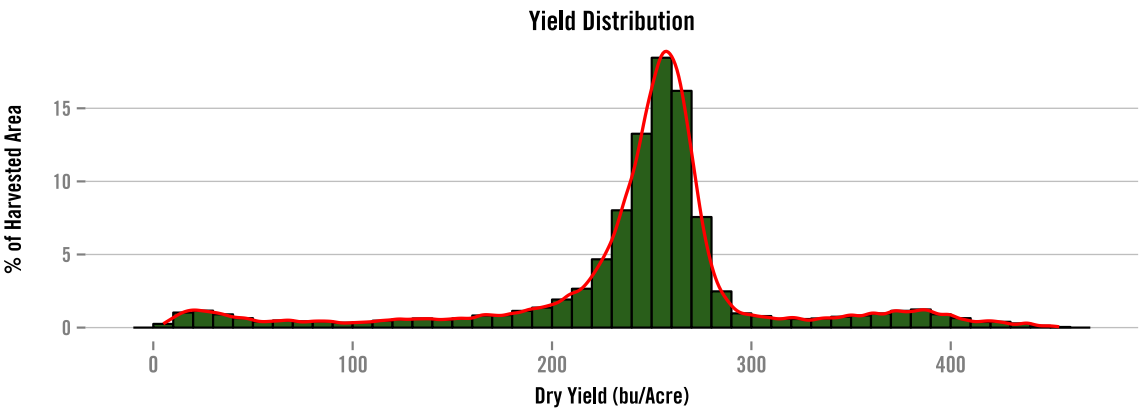
Family Trust East 44

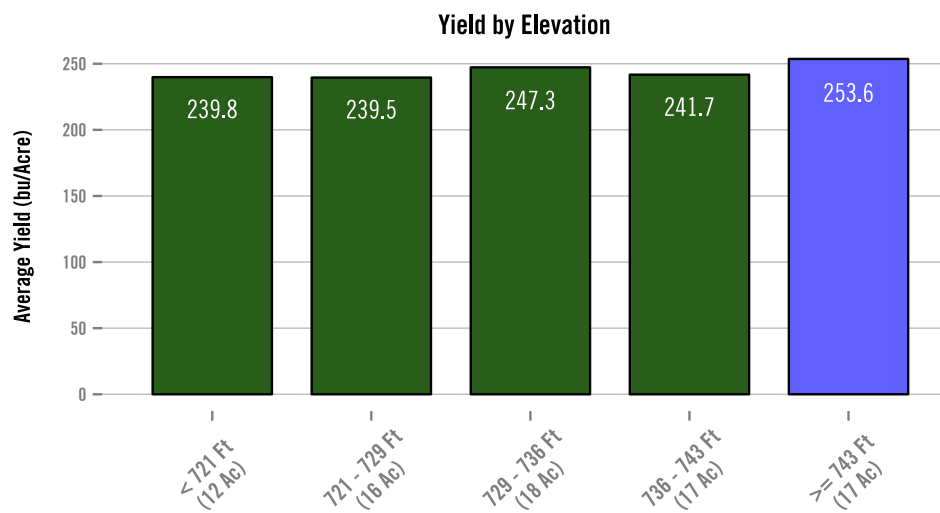
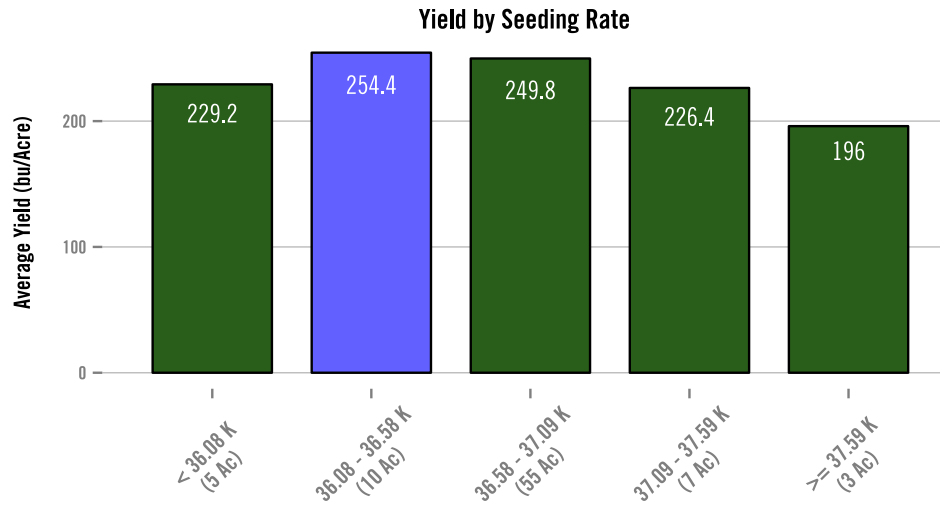
Yield Summary

Acres Harvested:	80
Average Dry Yield:	244.8 bu/Ac
Average Yield of IL Fields with Similar Soil Conditions:	217.6 bu/Ac
Harvest Moisture:	17.4%

Yield Map







Growing Season Weather Summary

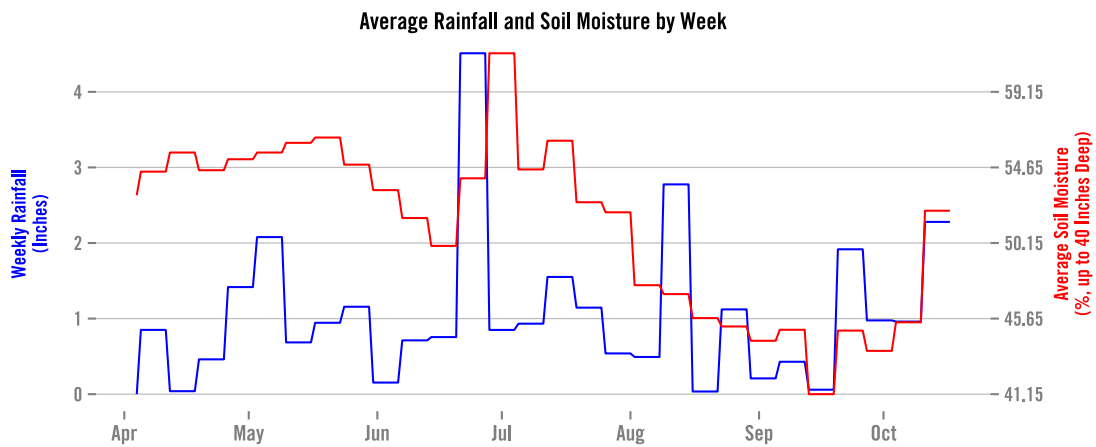
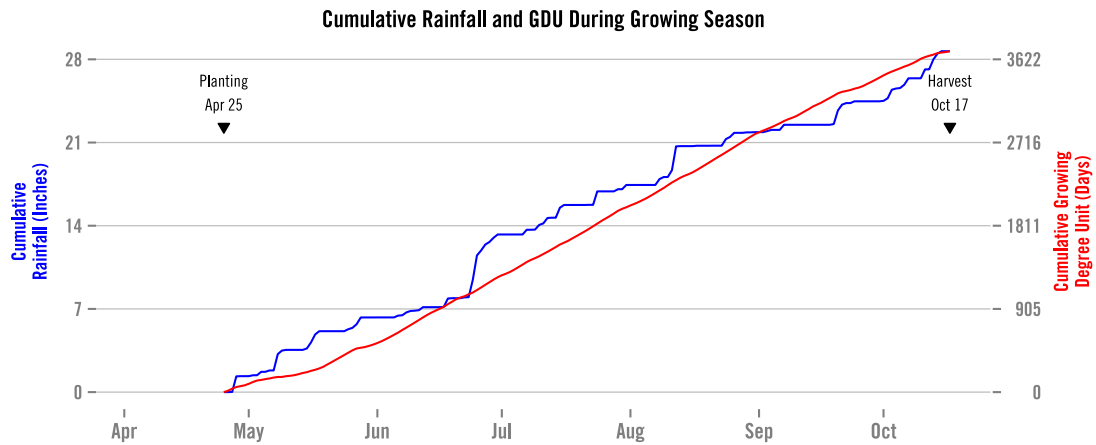
Family Trust East 44

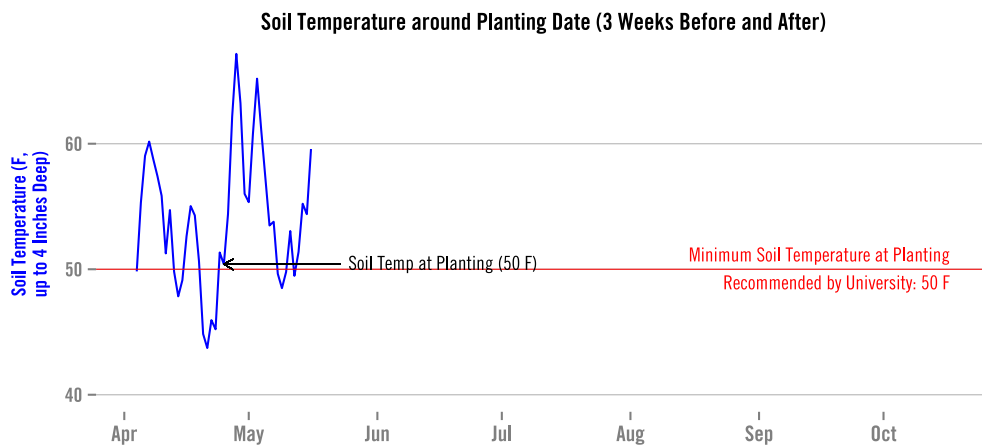
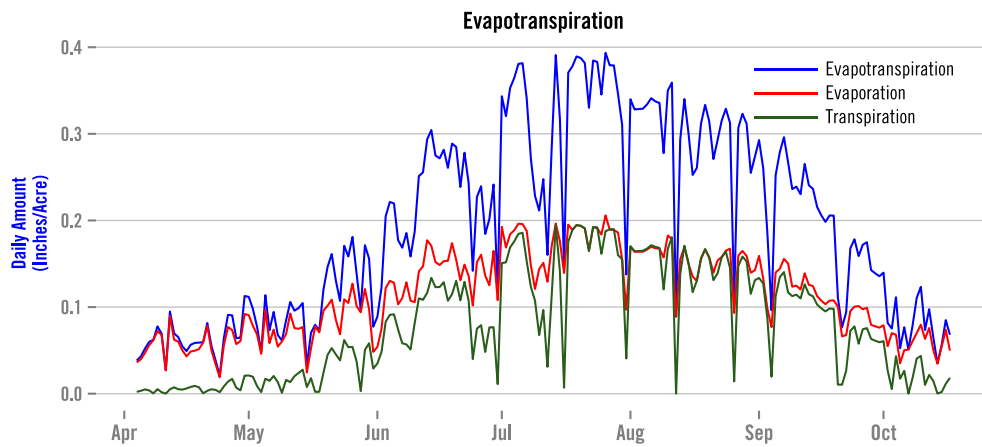
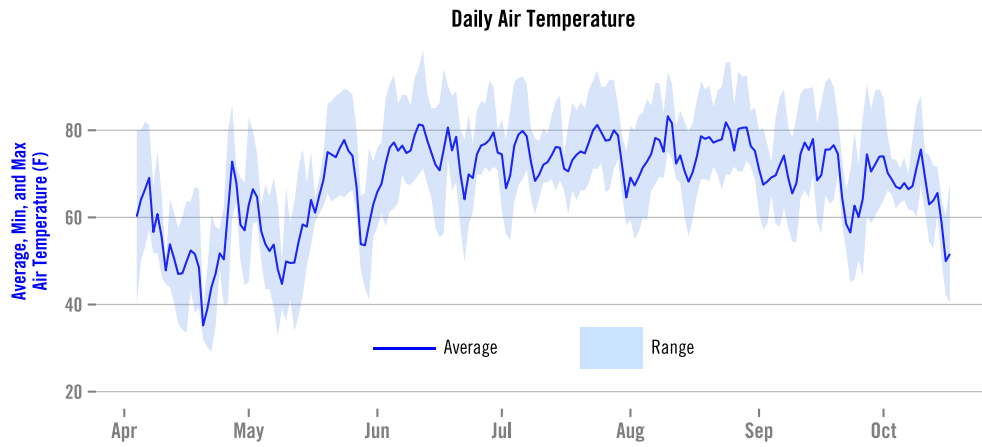
This section summarizes weather conditions in this field during the growing season.

Season Length: 176 Days (Apr 25 - Oct 17)

Cumulative Rainfall during Season: 28.7 Inches

Cumulative GDU during Season: 3,710 Days



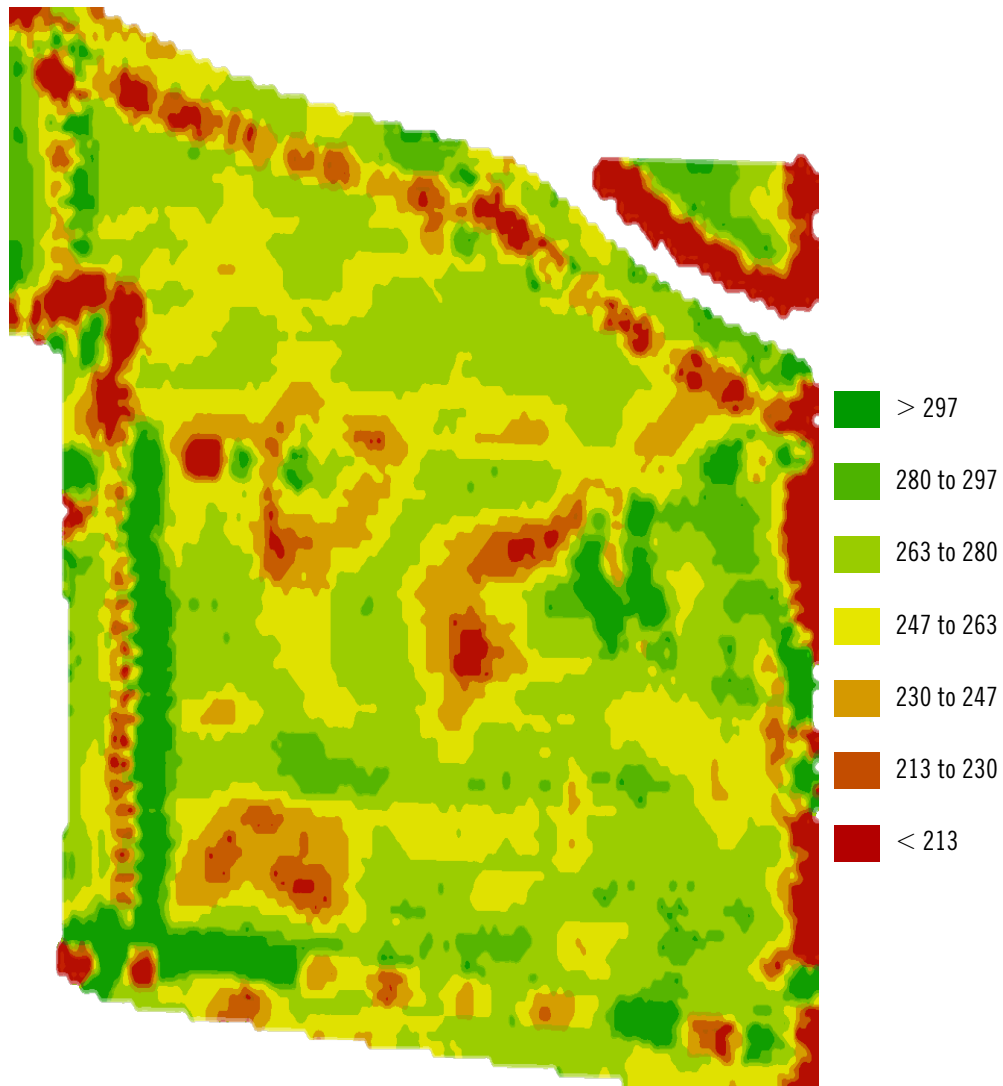


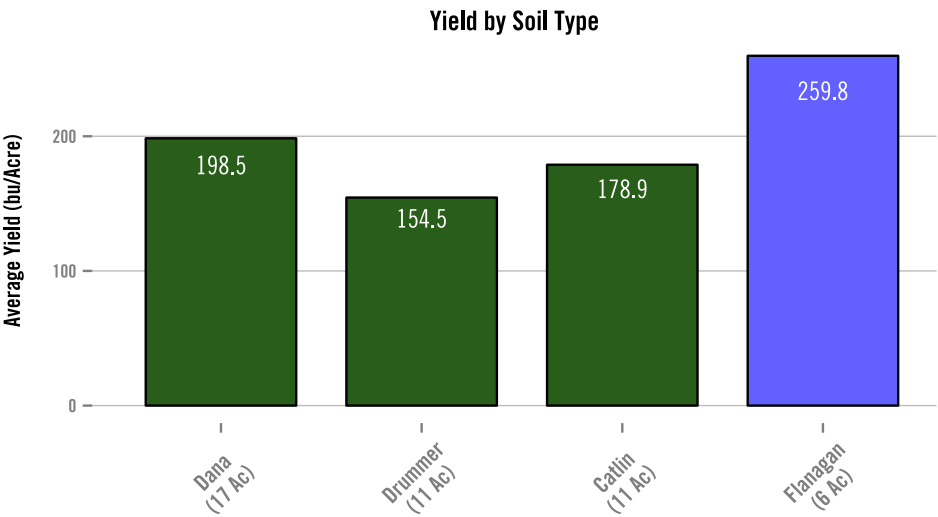
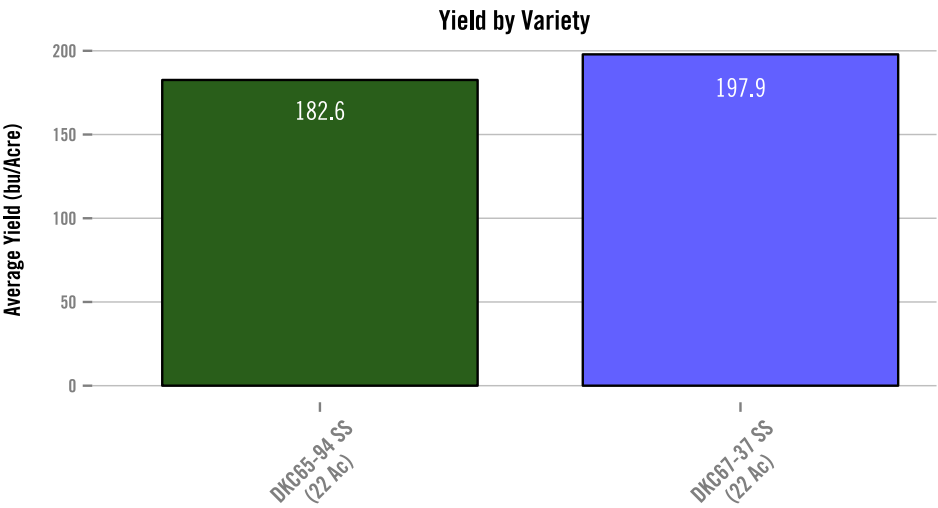
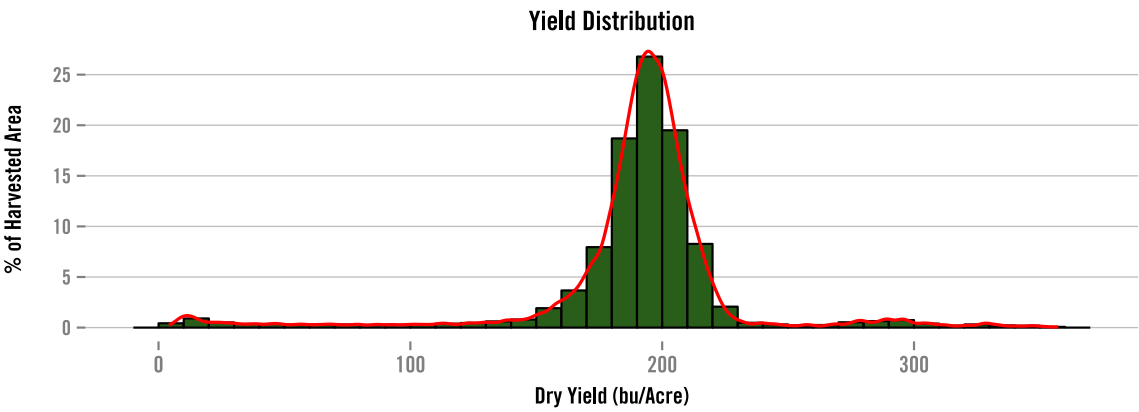
Family Trust South

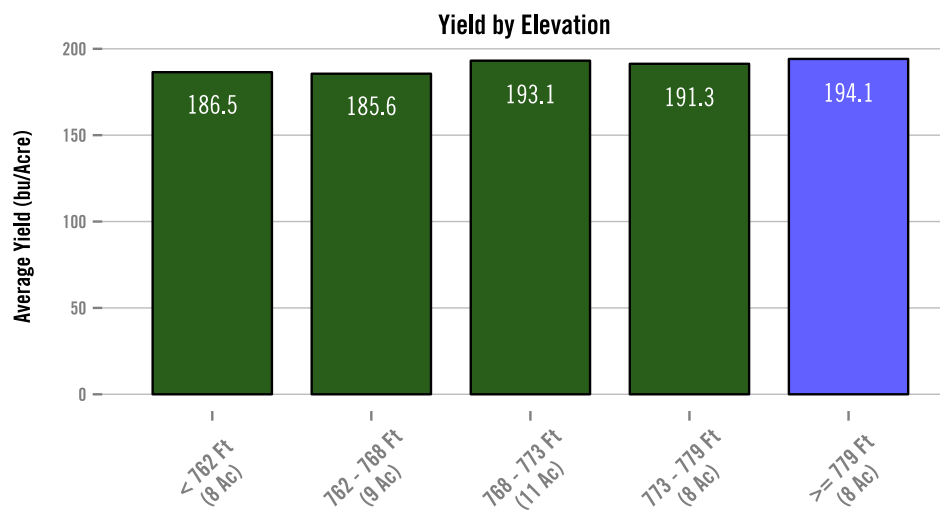
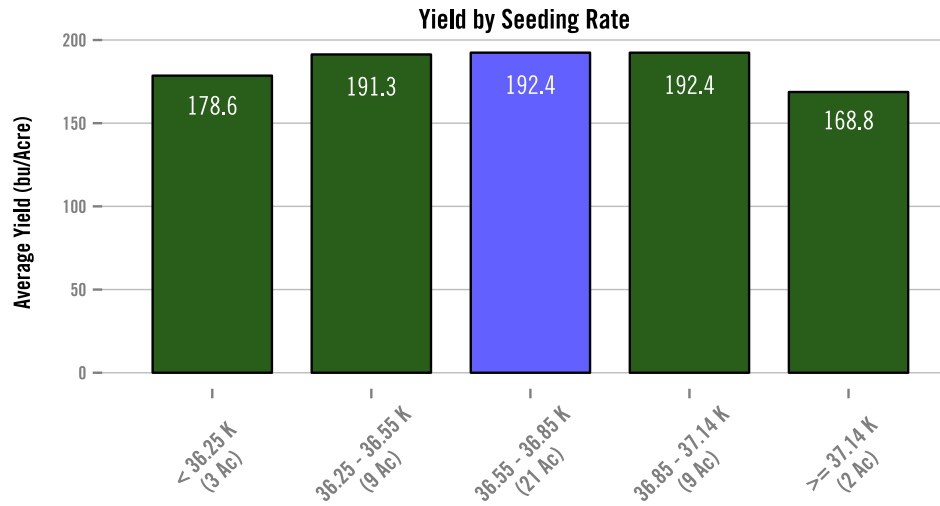
Yield Summary

Acres Harvested:	44
Average Dry Yield:	190.2 bu/Ac
Average Yield of IL Fields with Similar Soil Conditions:	217.0 bu/Ac
Harvest Moisture:	15.9%

Yield Map







Growing Season Weather Summary

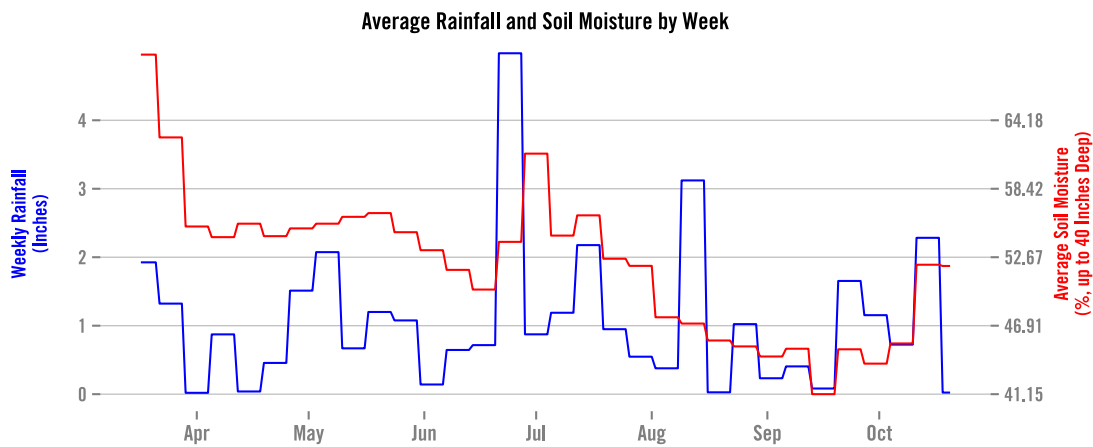
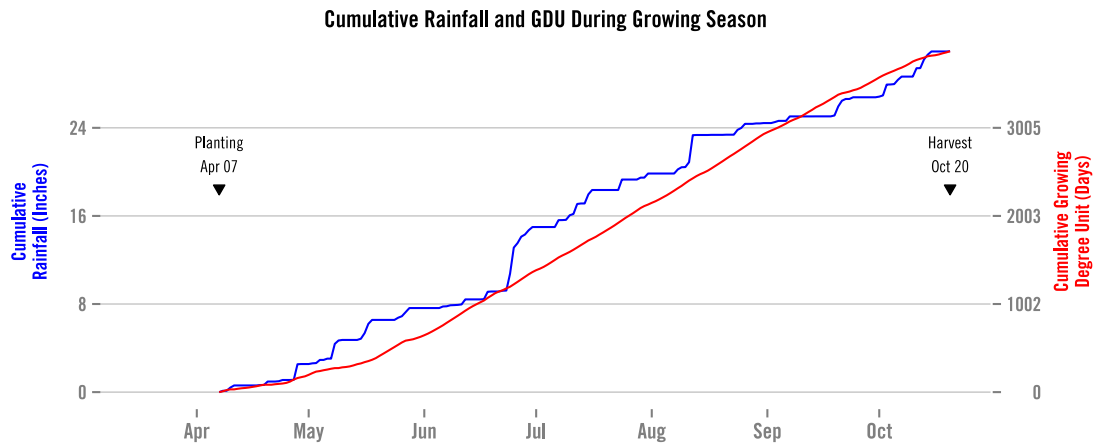
Family Trust South

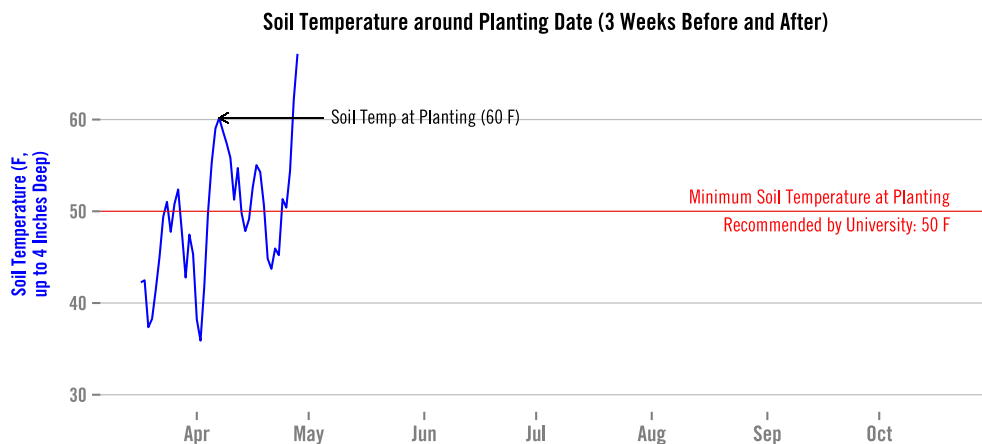
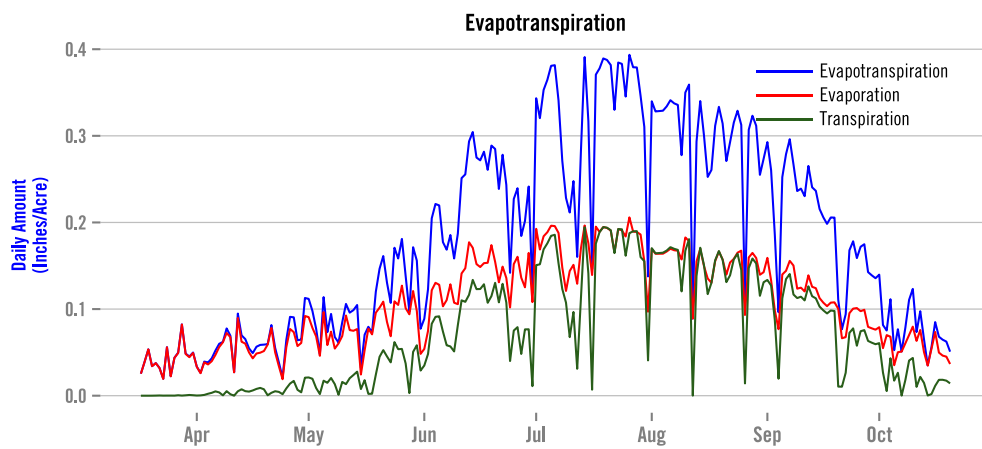
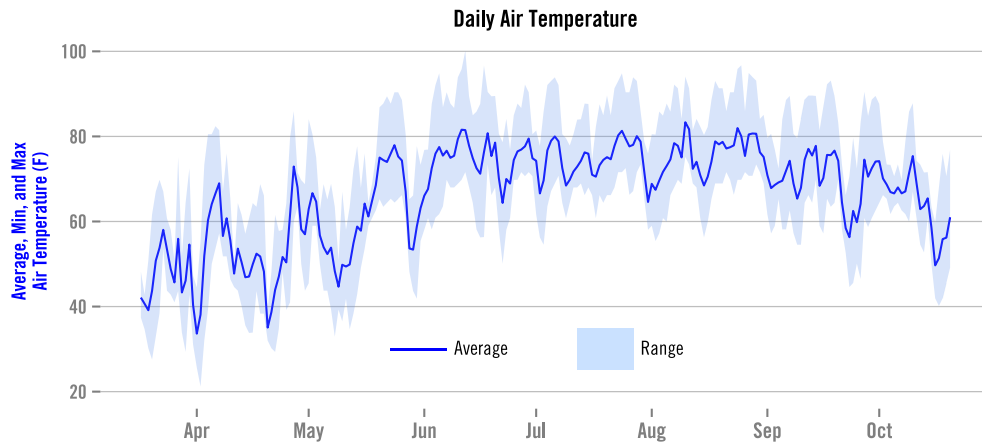
This section summarizes weather conditions in this field during the growing season.

Season Length: 197 Days (Apr 07 - Oct 20)

Cumulative Rainfall during Season: 31.0 Inches

Cumulative GDU during Season: 3,876 Days



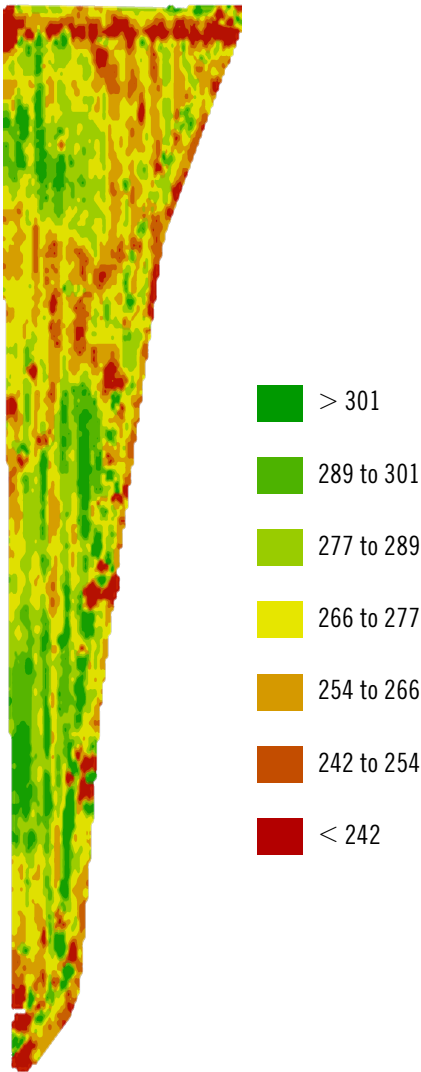


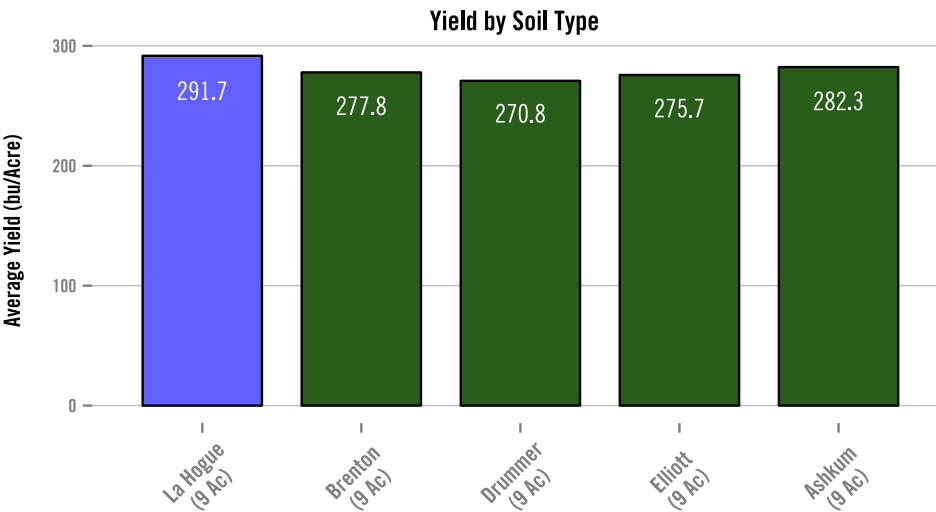
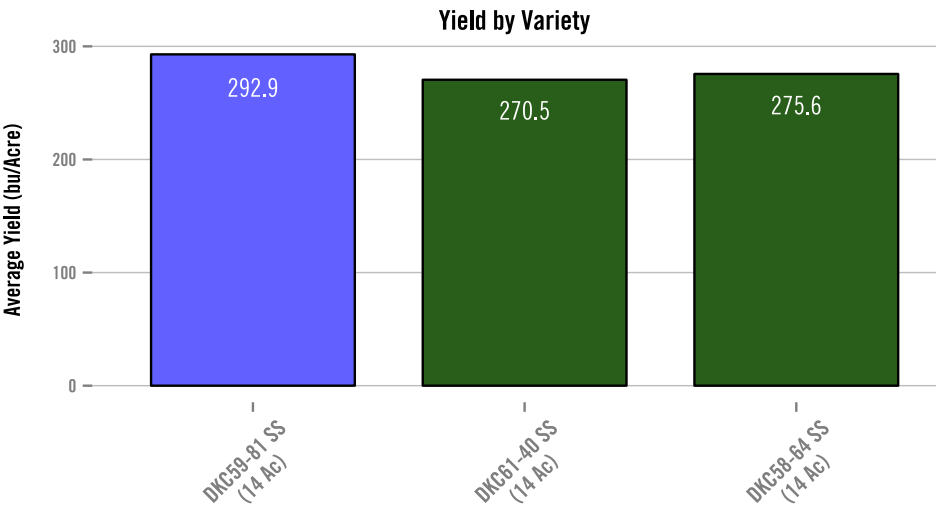
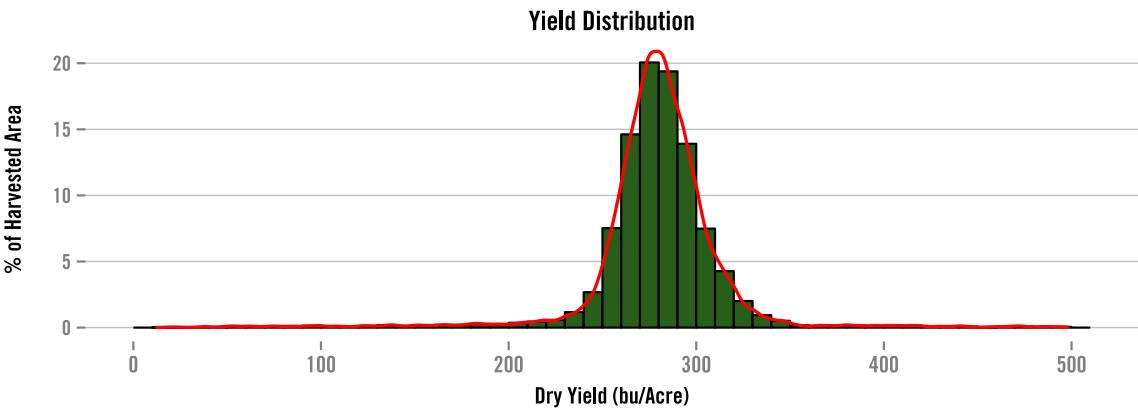
Family Trust West

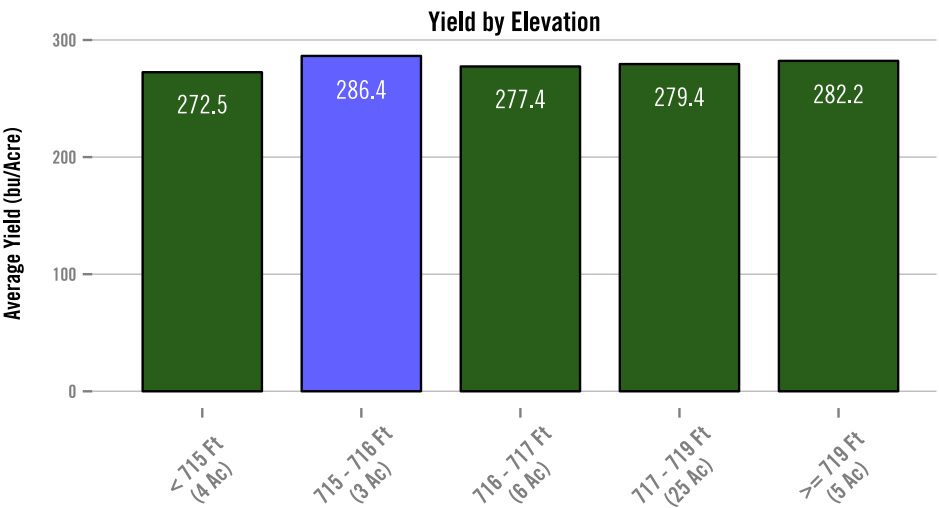
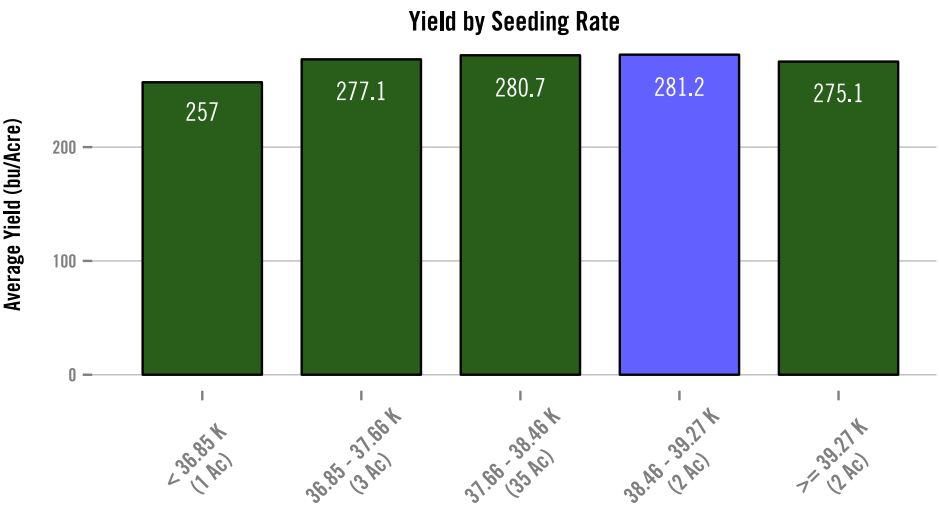
Yield Summary

Acres Harvested:	43
Average Dry Yield:	279.7 bu/Ac
Average Yield of IL Fields with Similar Soil Conditions:	214.9 bu/Ac
Harvest Moisture:	25.2%

Yield Map







Growing Season Weather Summary

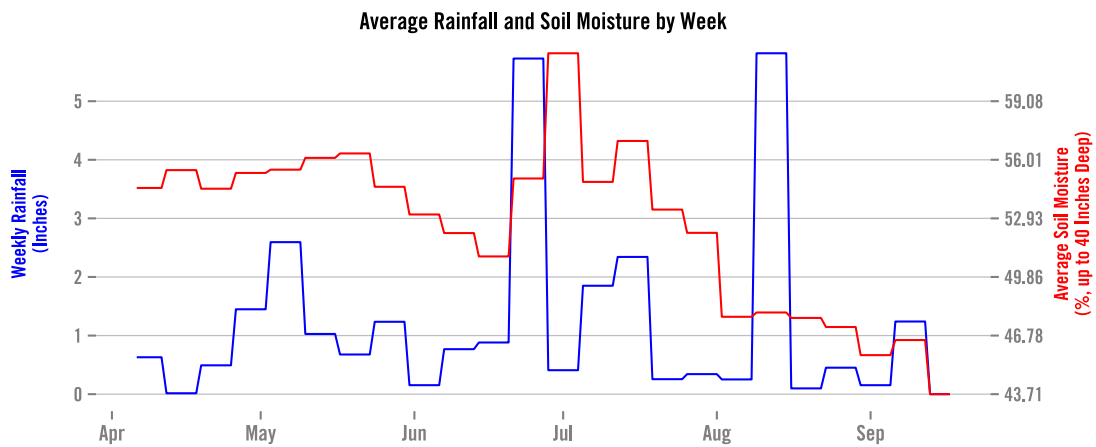
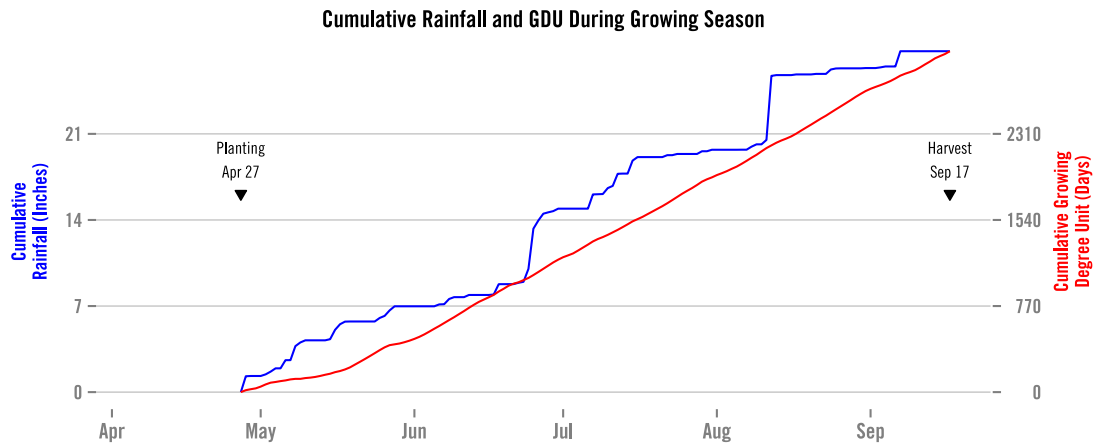
Family Trust West

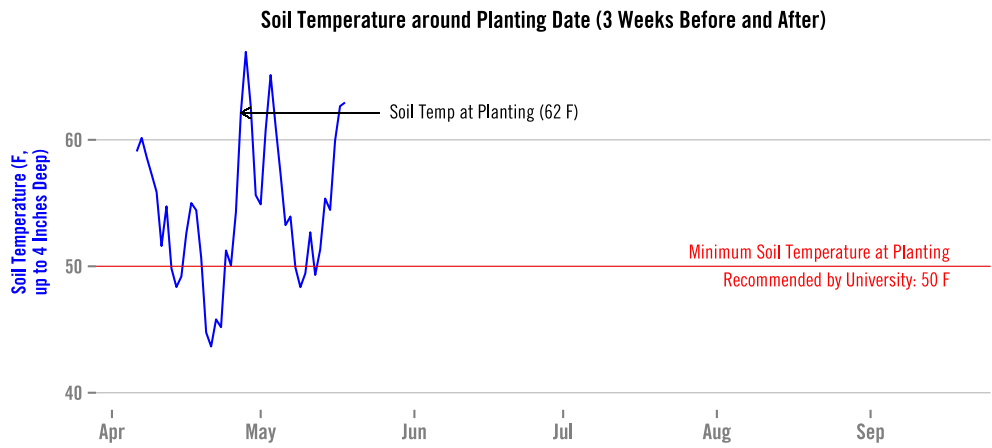
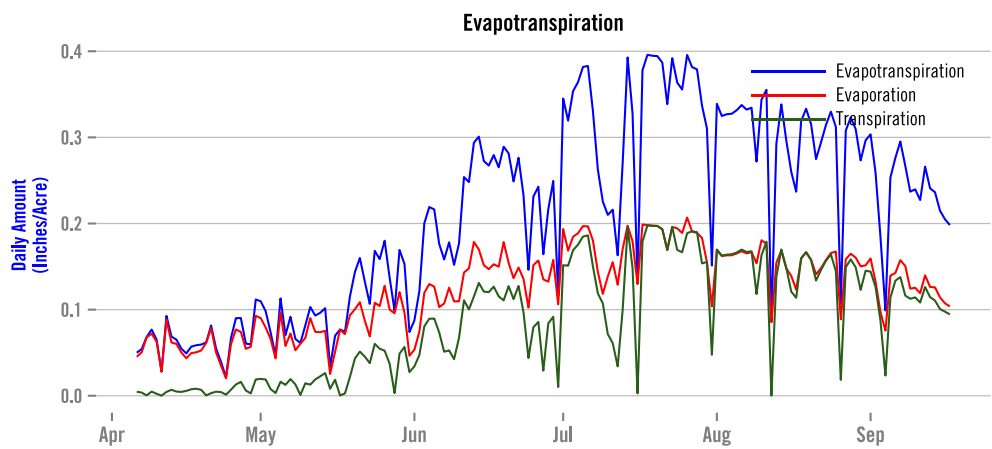
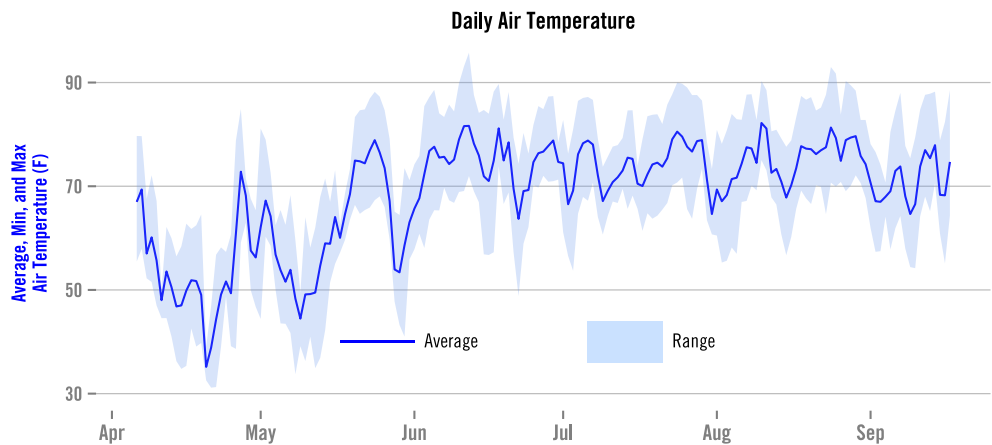
This section summarizes weather conditions in this field during the growing season.

Season Length: 144 Days (Apr 27 - Sep 17)

Cumulative Rainfall during Season: 27.7 Inches

Cumulative GDU during Season: 3,050 Days



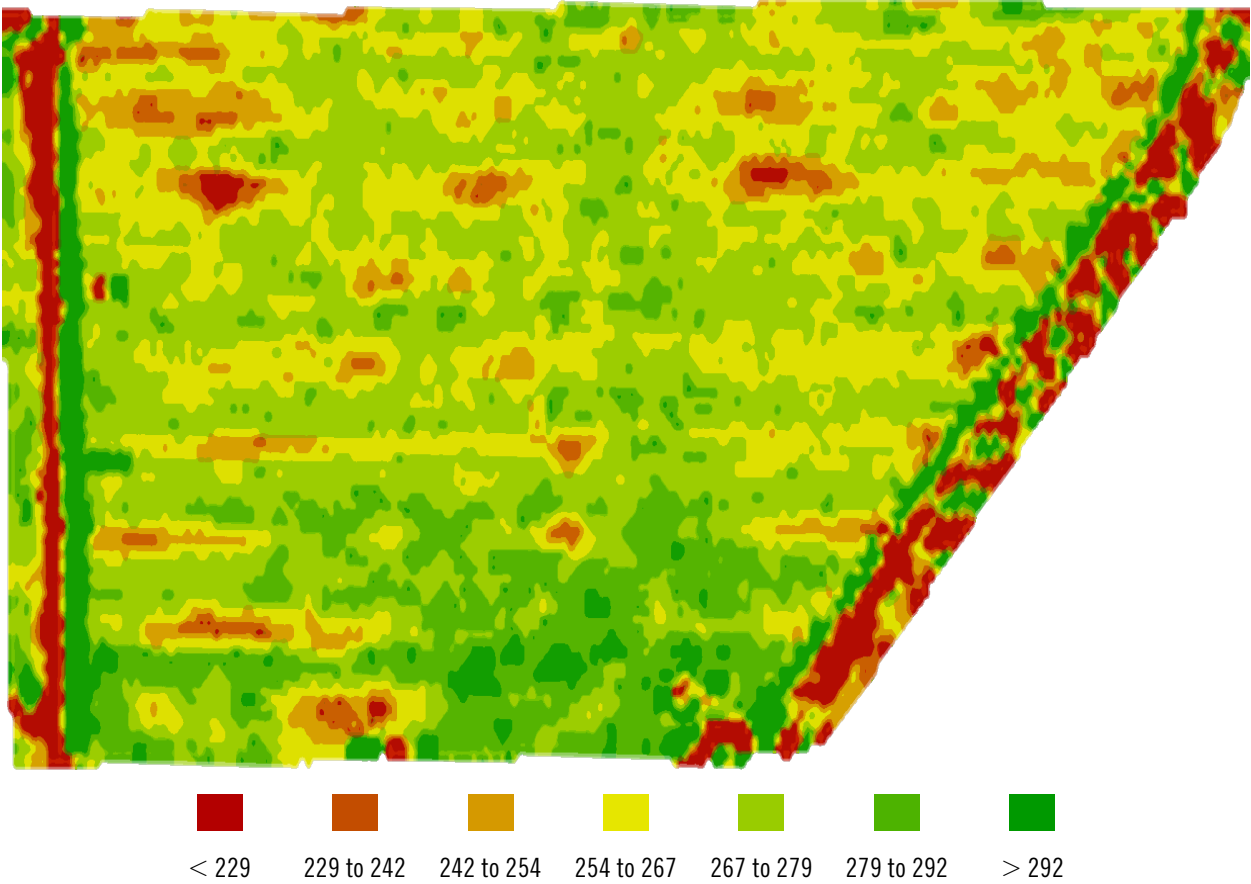


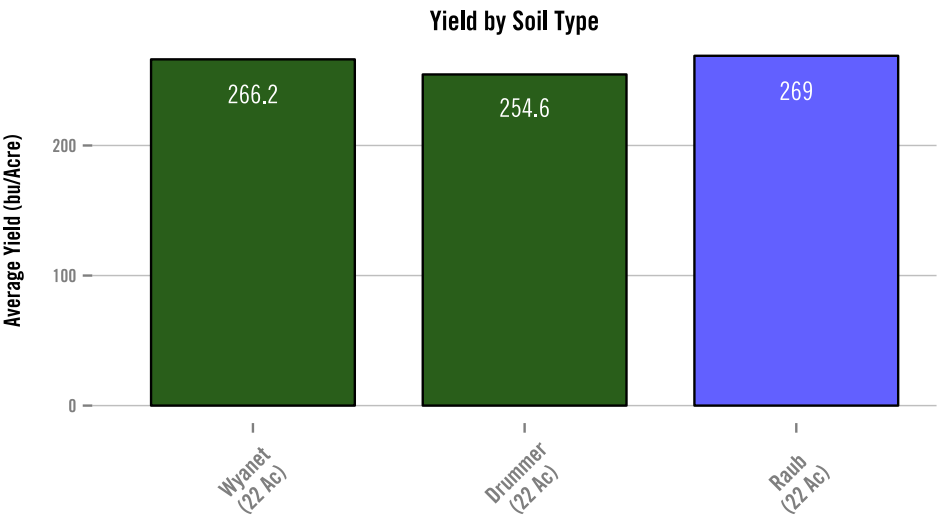
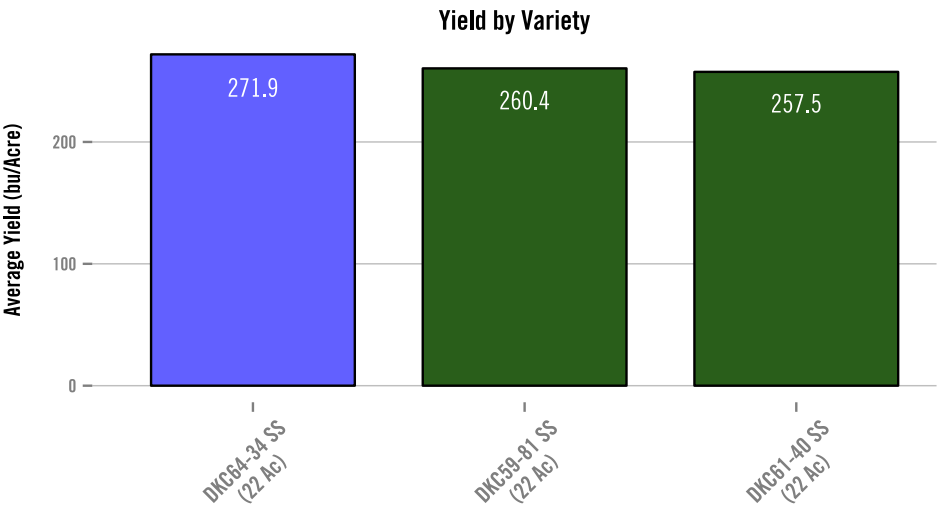
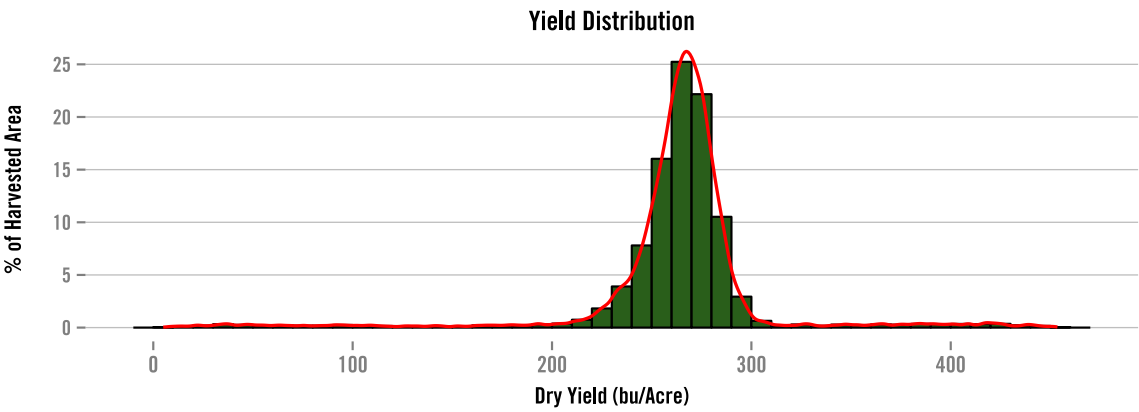
Home North 60

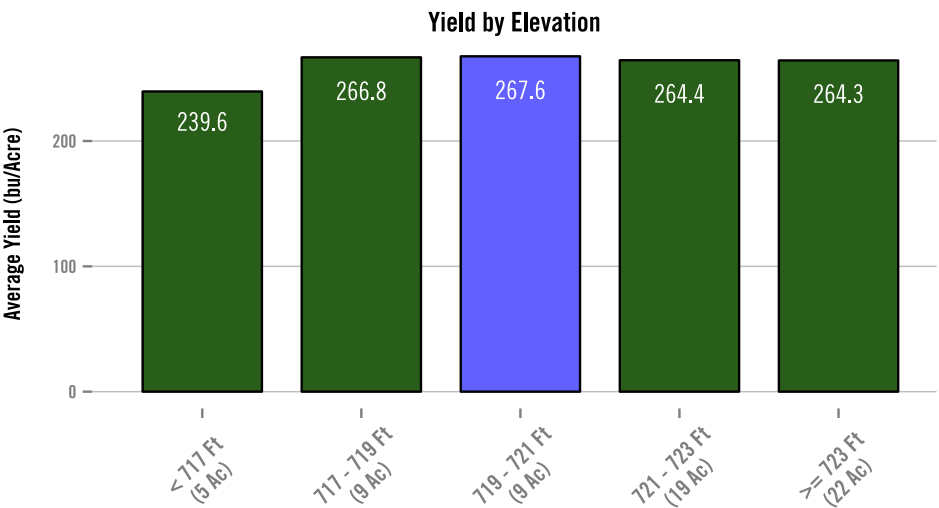
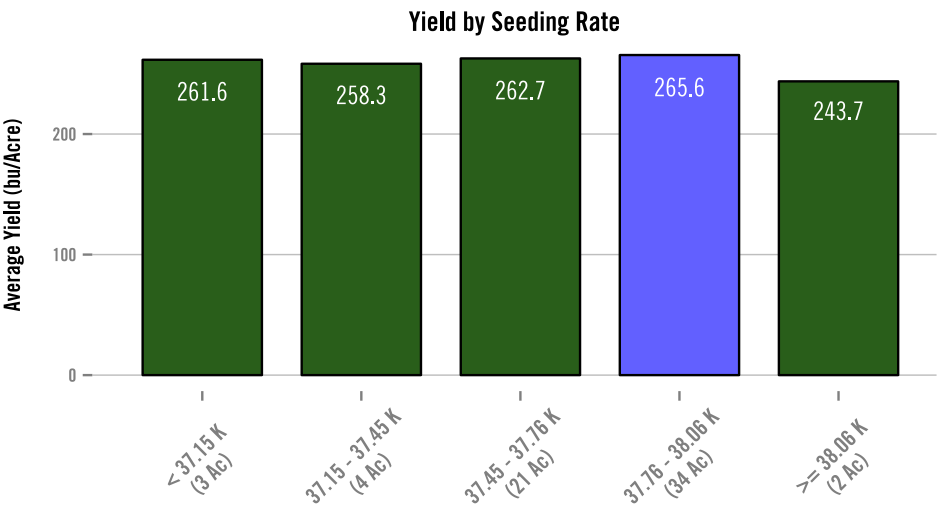
Yield Summary

Acres Harvested:	65
Average Dry Yield:	263.3 bu/Ac
Average Yield of IL Fields with Similar Soil Conditions:	219.4 bu/Ac
Harvest Moisture:	24.4%
Net Return Based on \$3.50 per Bushel:	\$814.78

Yield Map







Growing Season Weather Summary

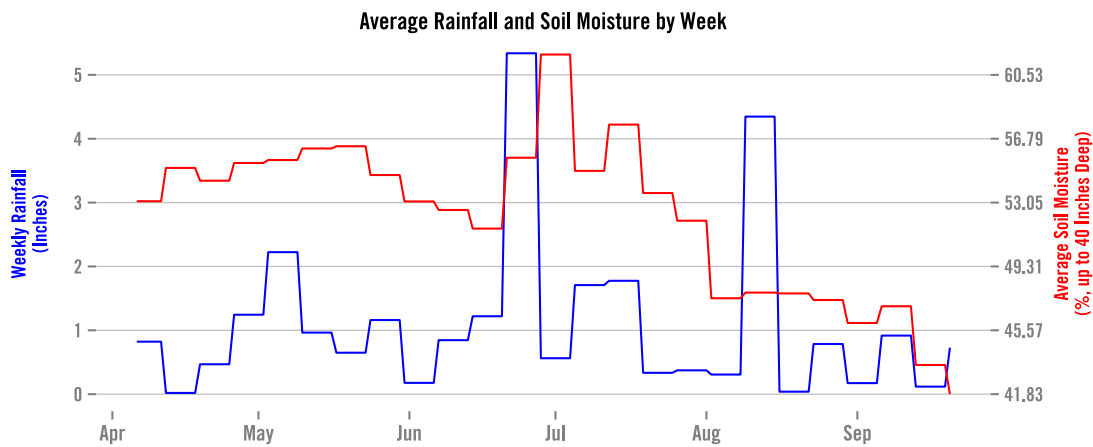
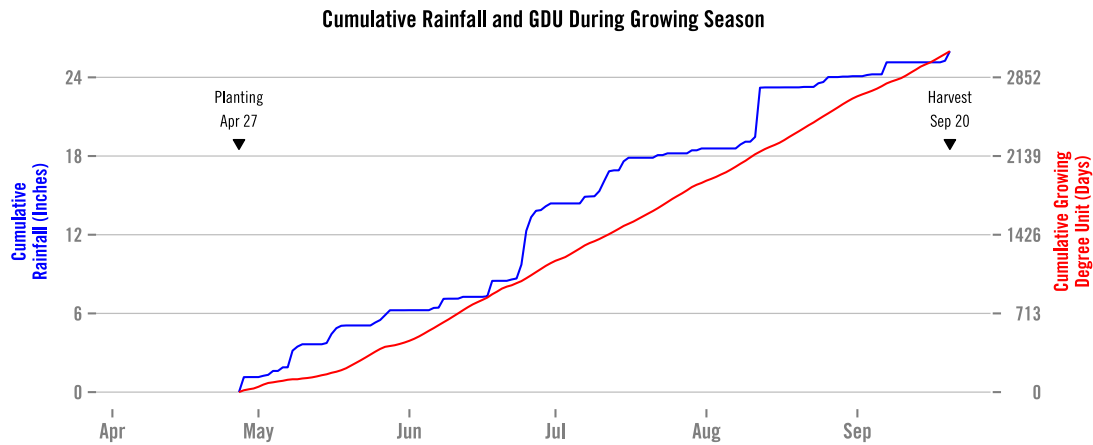
Home North 60

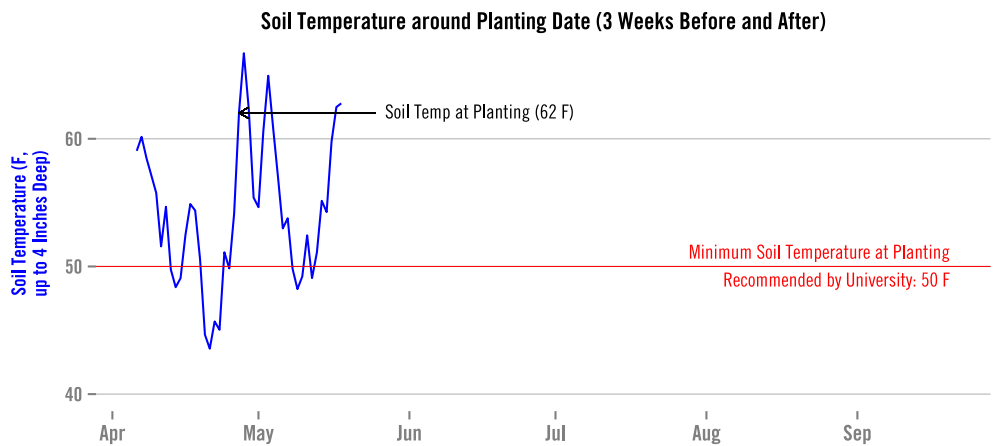
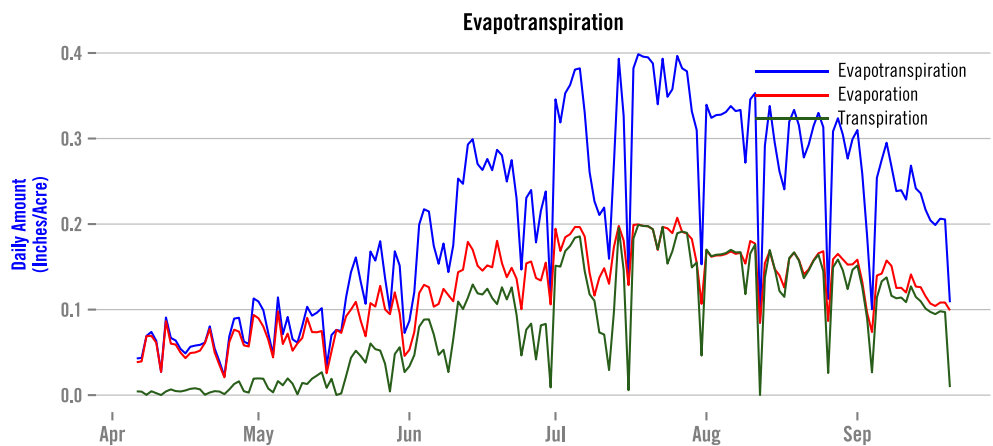
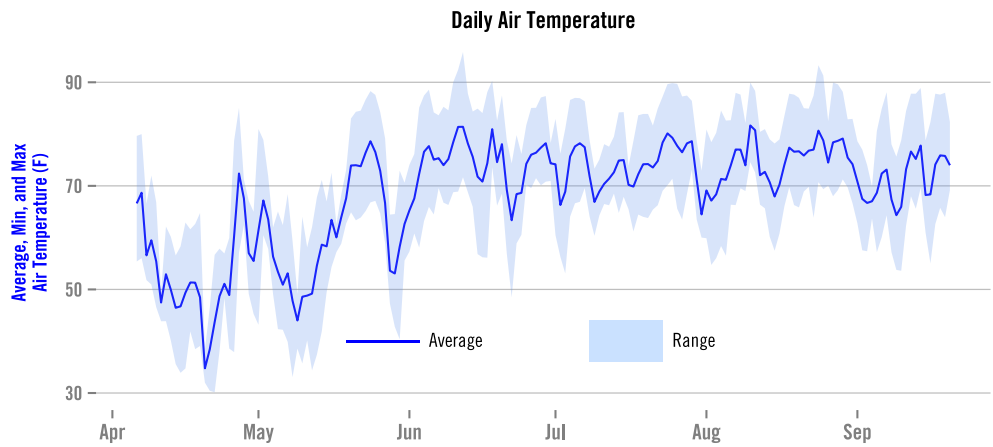
This section summarizes weather conditions in this field during the growing season.

Season Length: 147 Days (Apr 27 - Sep 20)

Cumulative Rainfall during Season: 26.0 Inches

Cumulative GDU during Season: 3,088 Days



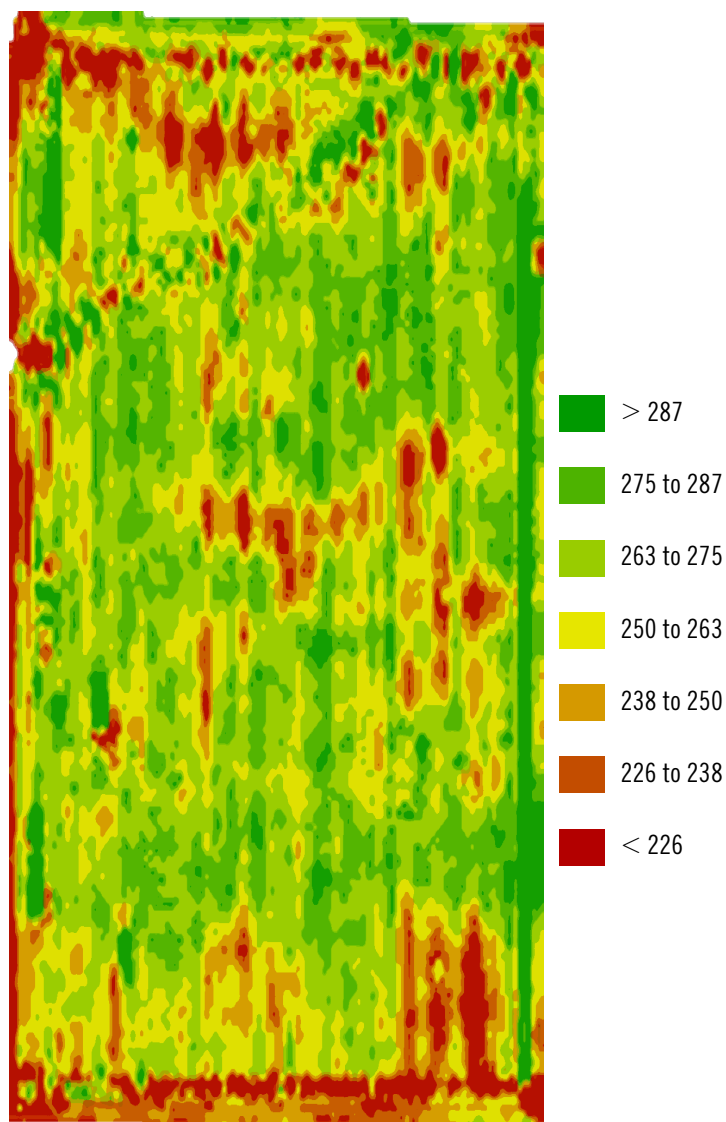


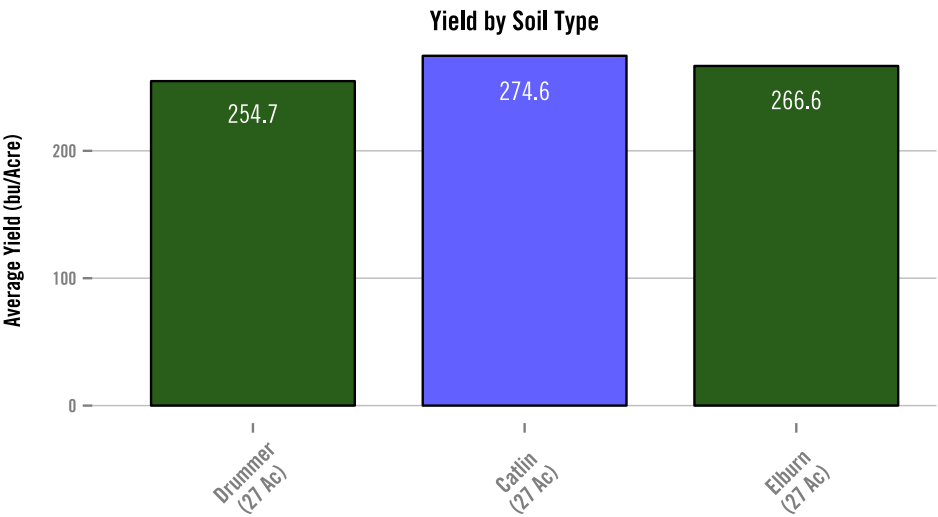
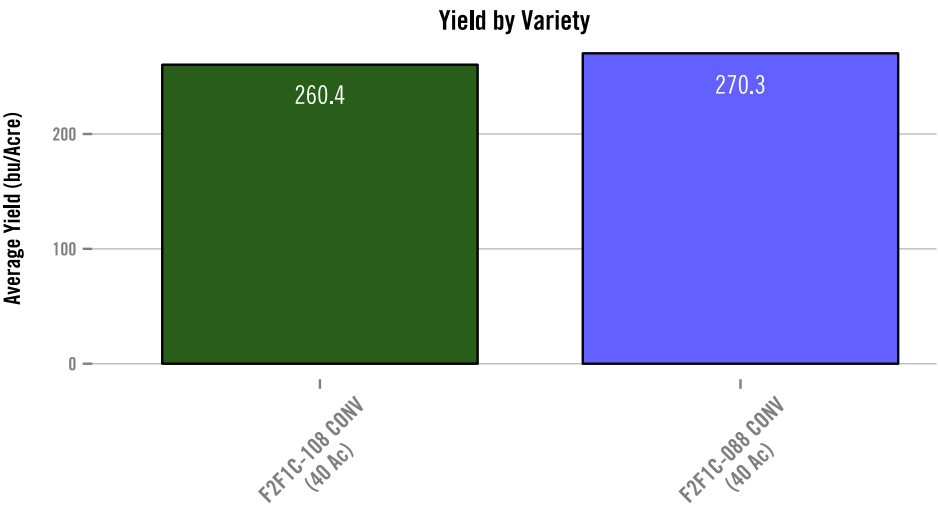
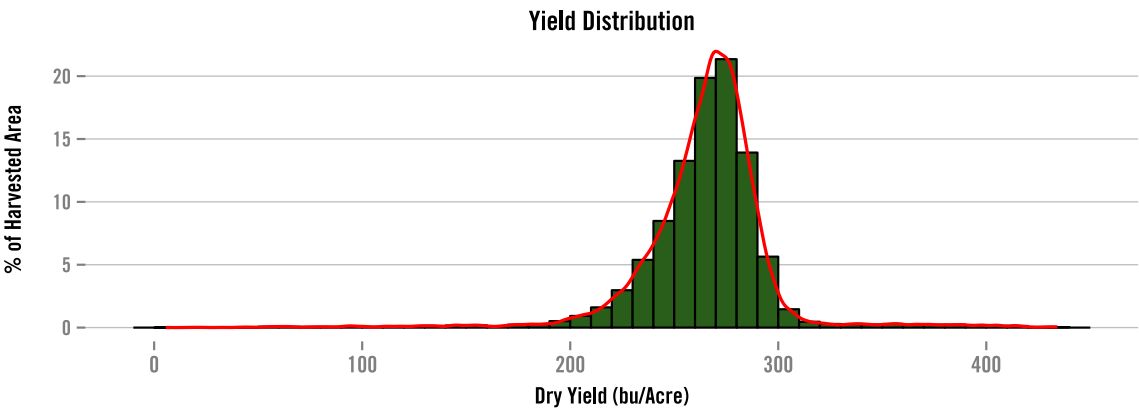
Home North 80

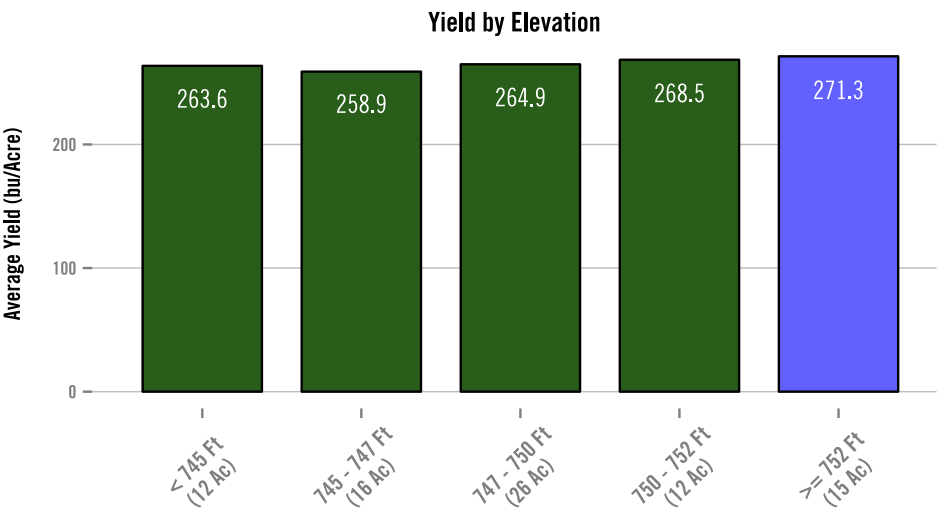
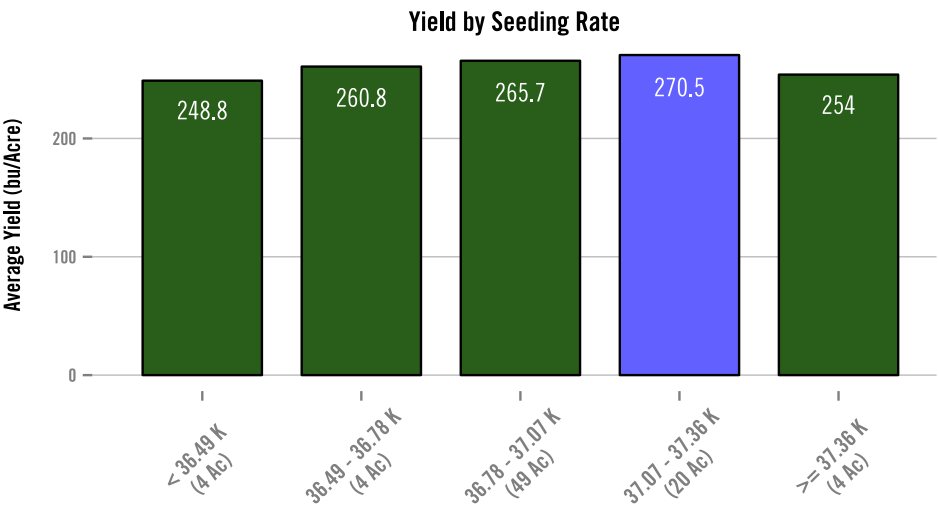
Yield Summary

Acres Harvested:	81
Average Dry Yield:	265.3 bu/Ac
Average Yield of IL Fields with Similar Soil Conditions:	220.4 bu/Ac
Harvest Moisture:	18.4%

Yield Map







Growing Season Weather Summary

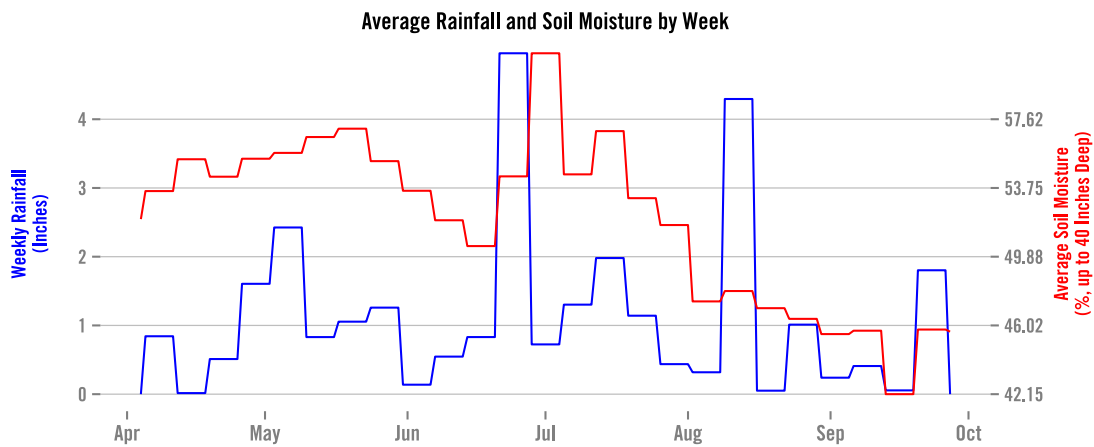
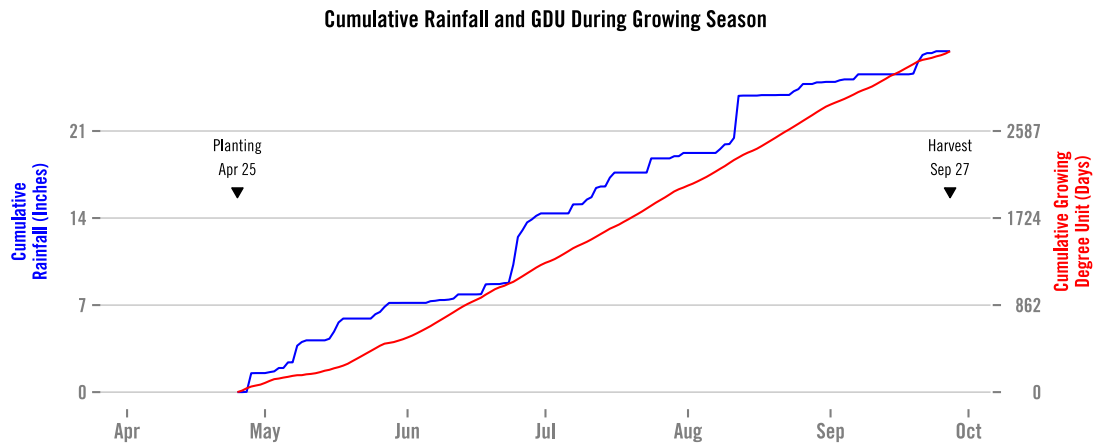
Home North 80

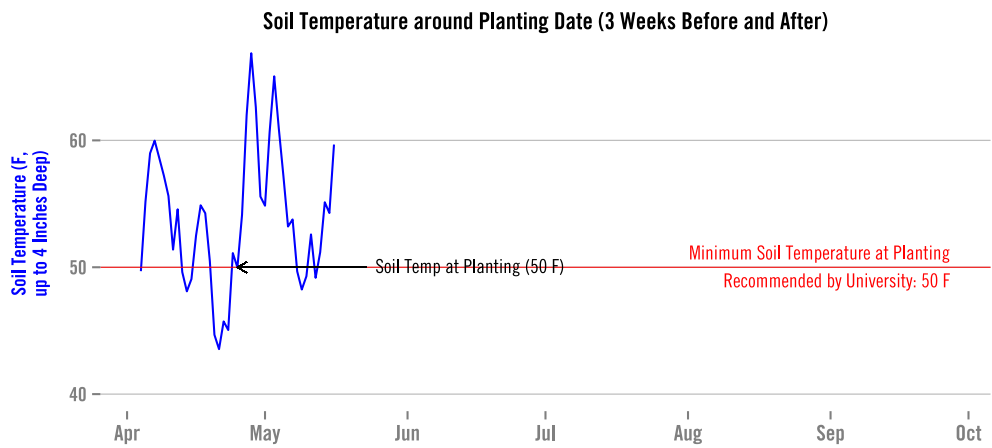
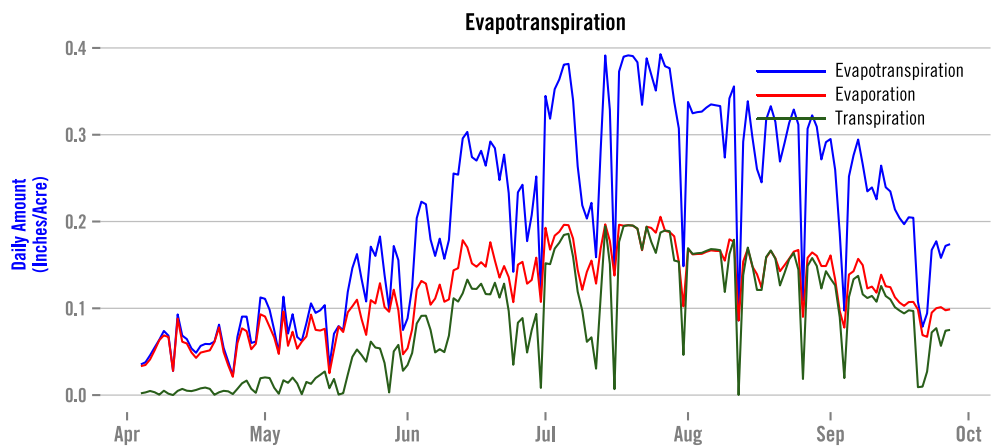
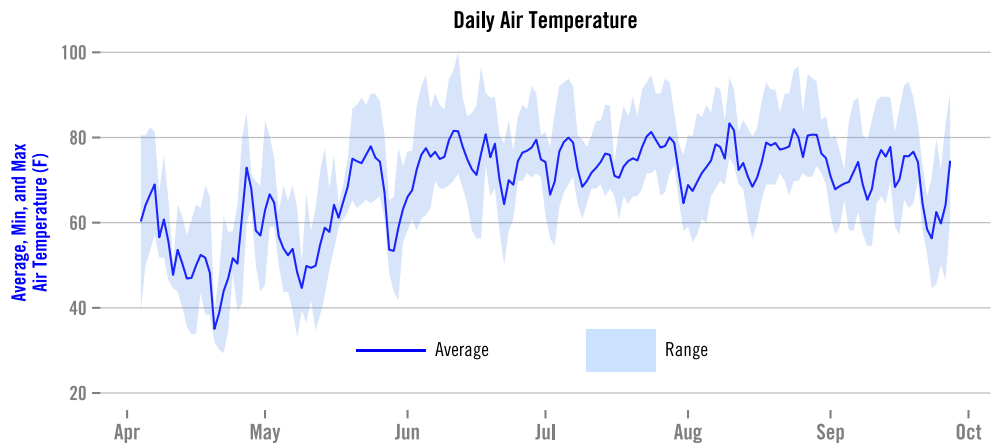
This section summarizes weather conditions in this field during the growing season.

Season Length: 156 Days (Apr 25 - Sep 27)

Cumulative Rainfall during Season: 27.4 Inches

Cumulative GDU during Season: 3,377 Days



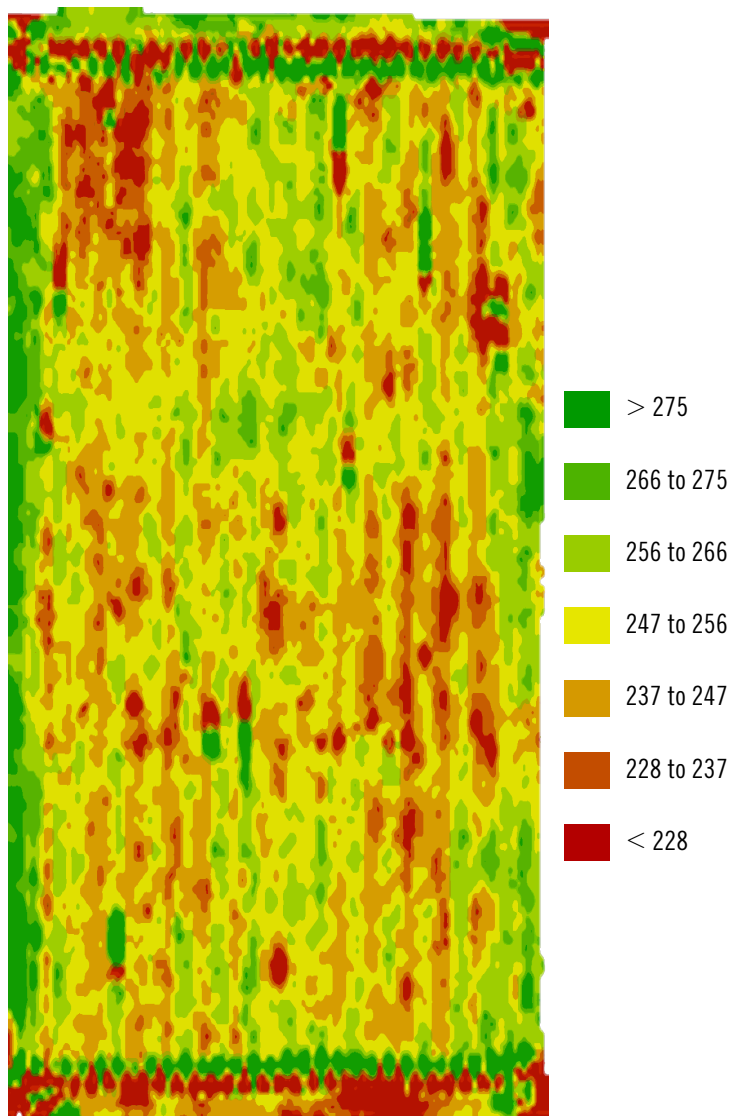


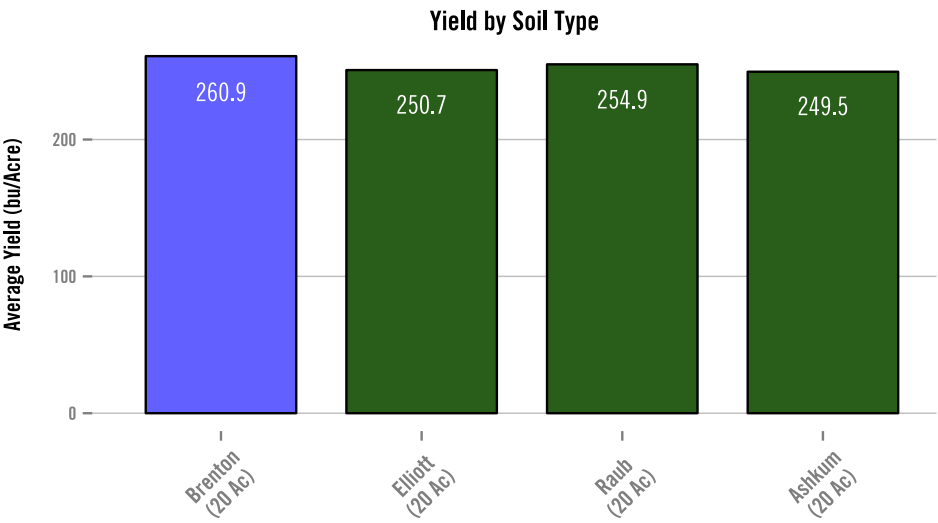
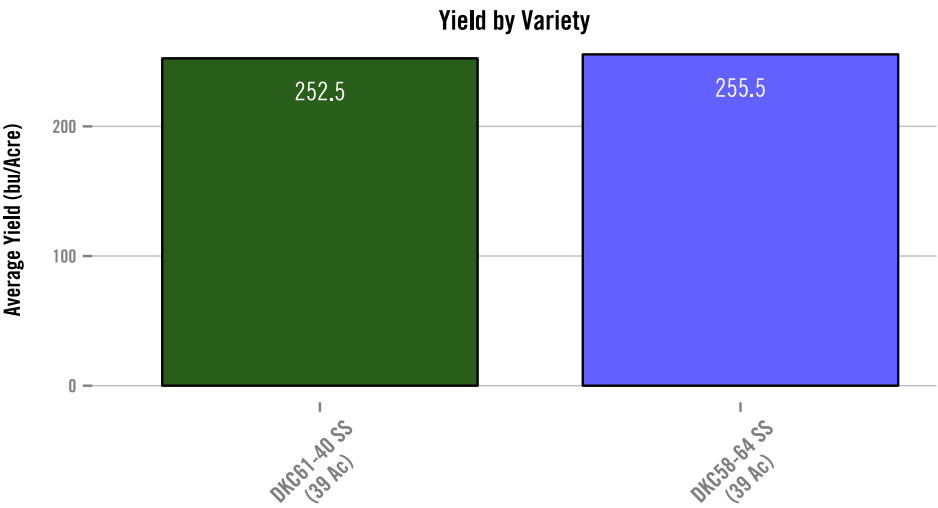
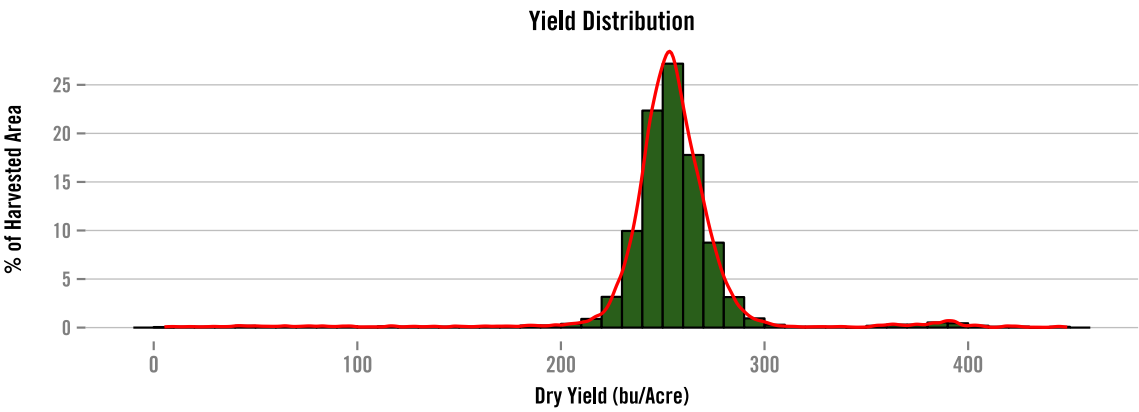
Home West

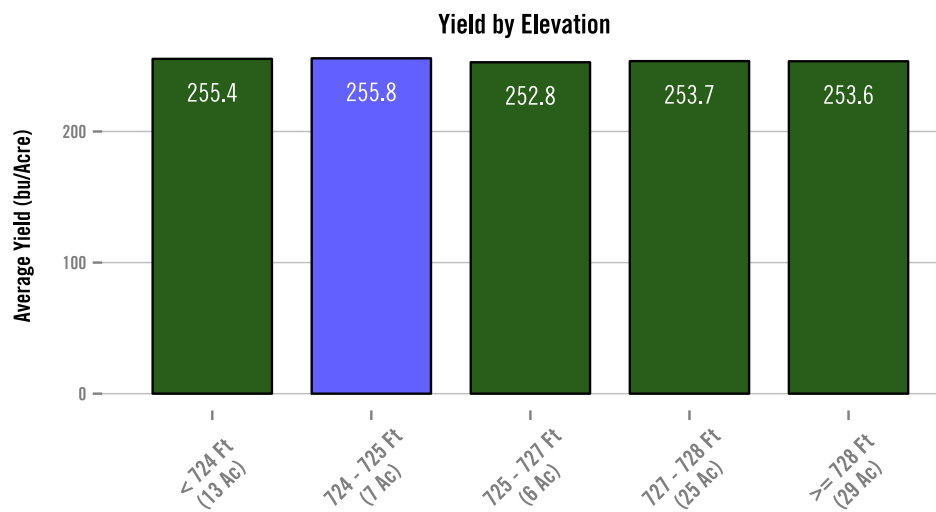
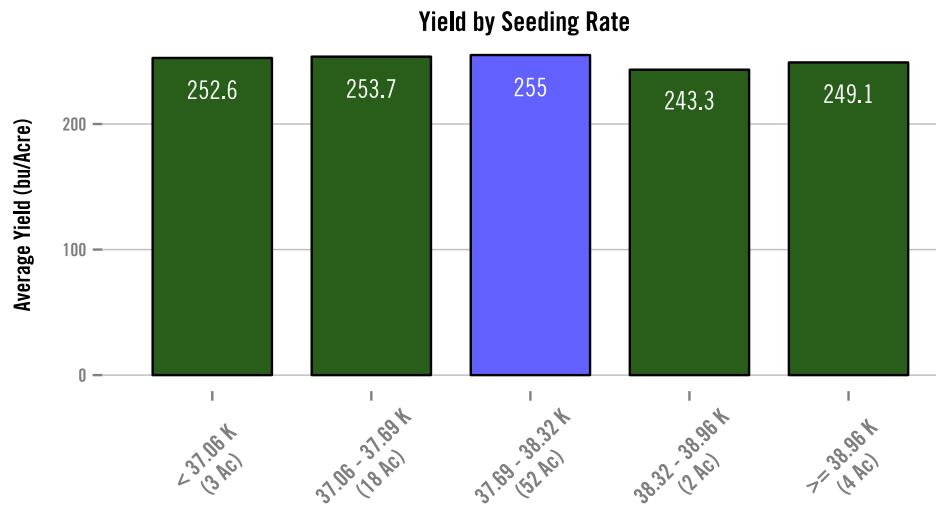
Yield Summary

Acres Harvested:	79
Average Dry Yield:	254.0 bu/Ac
Average Yield of IL Fields with Similar Soil Conditions:	215.6 bu/Ac
Harvest Moisture:	19.2%

Yield Map







Growing Season Weather Summary

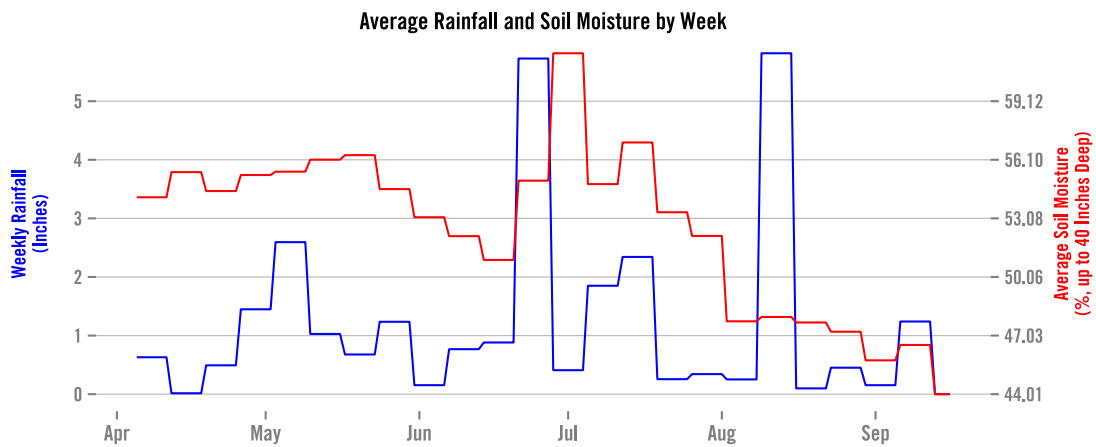
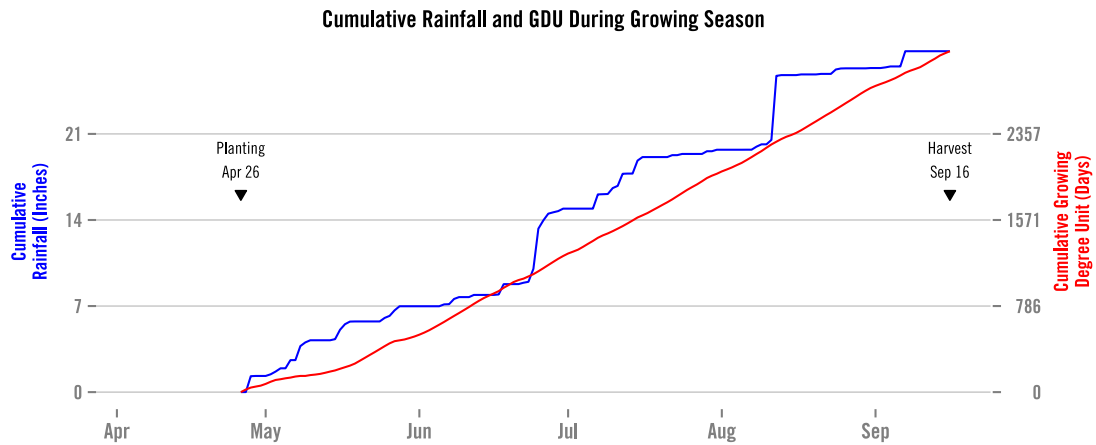
Home West

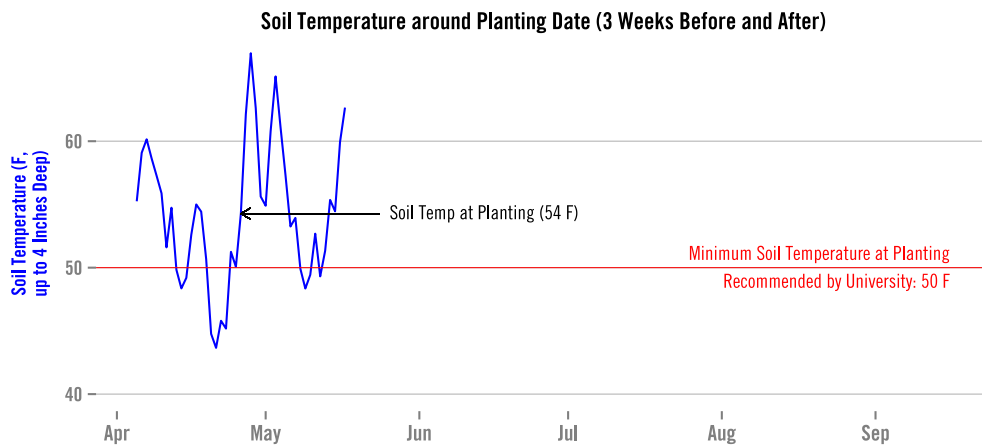
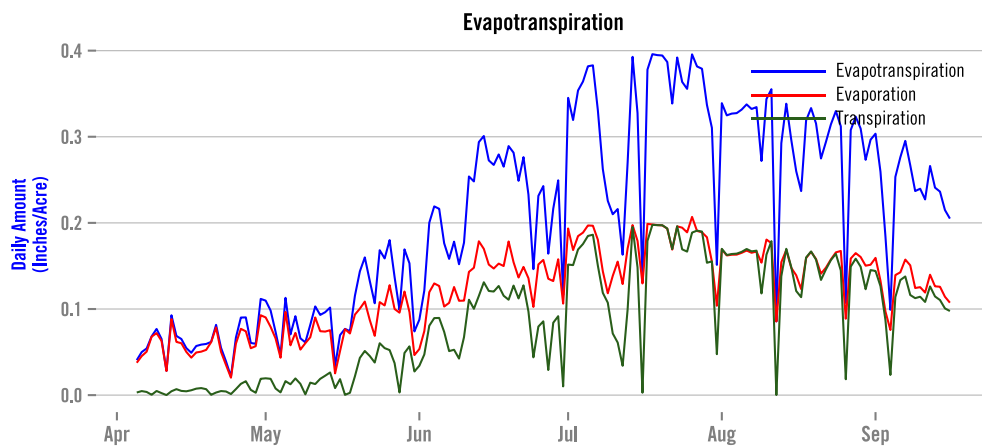
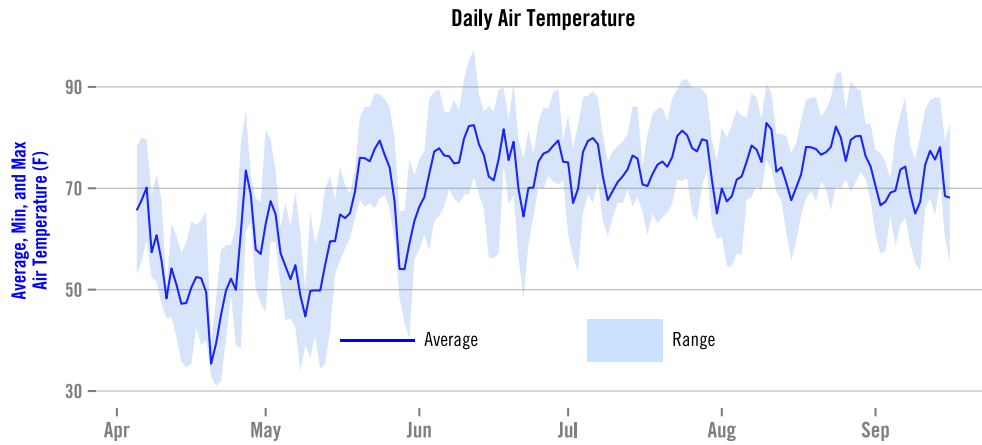
This section summarizes weather conditions in this field during the growing season.

Season Length: 144 Days (Apr 26 - Sep 16)

Cumulative Rainfall during Season: 27.7 Inches

Cumulative GDU during Season: 3,112 Days



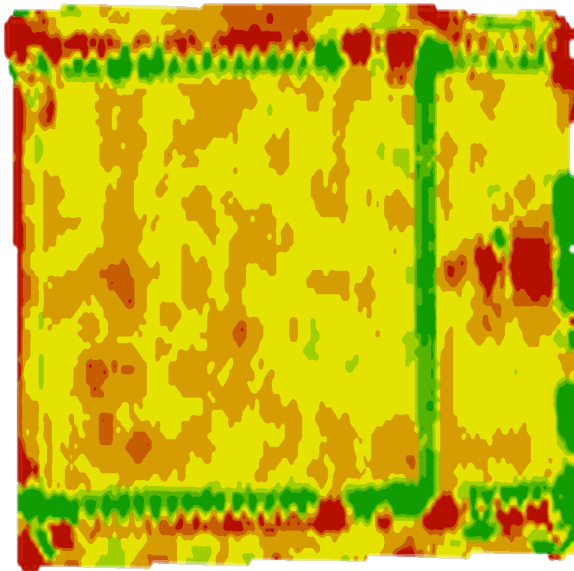


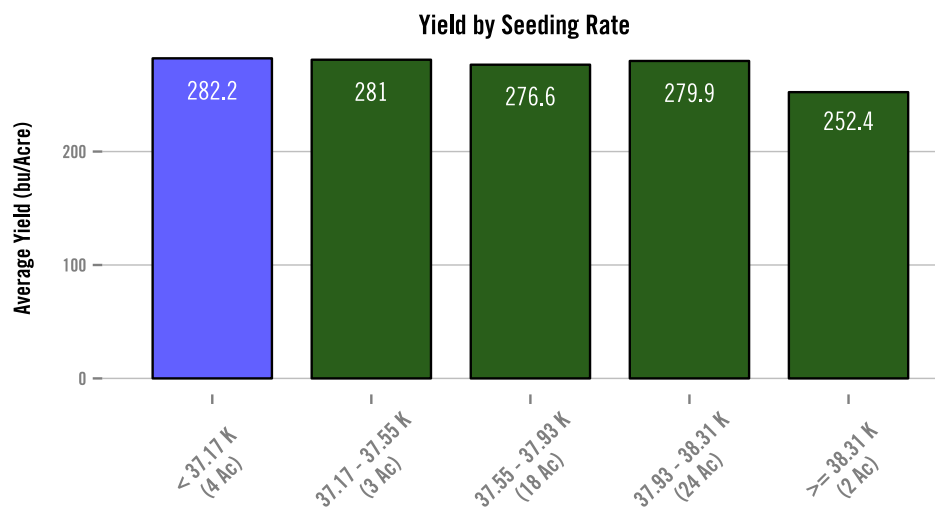
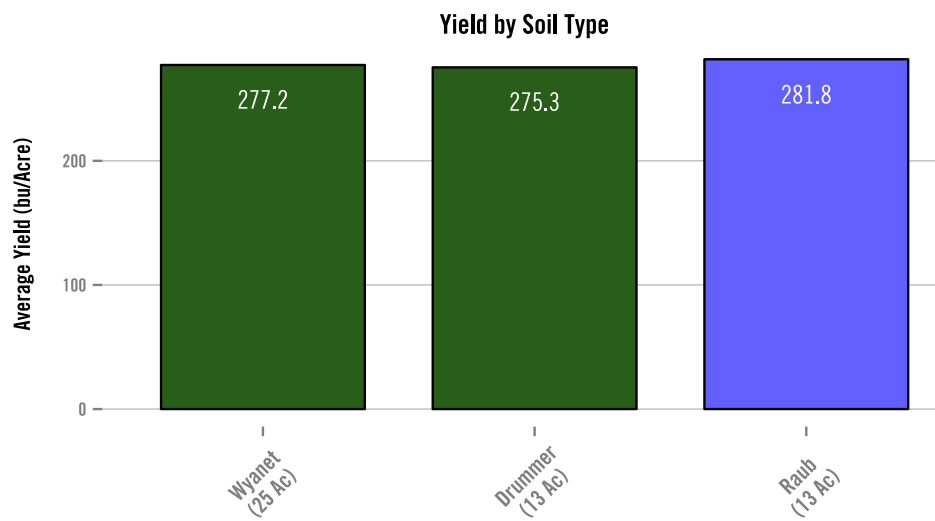
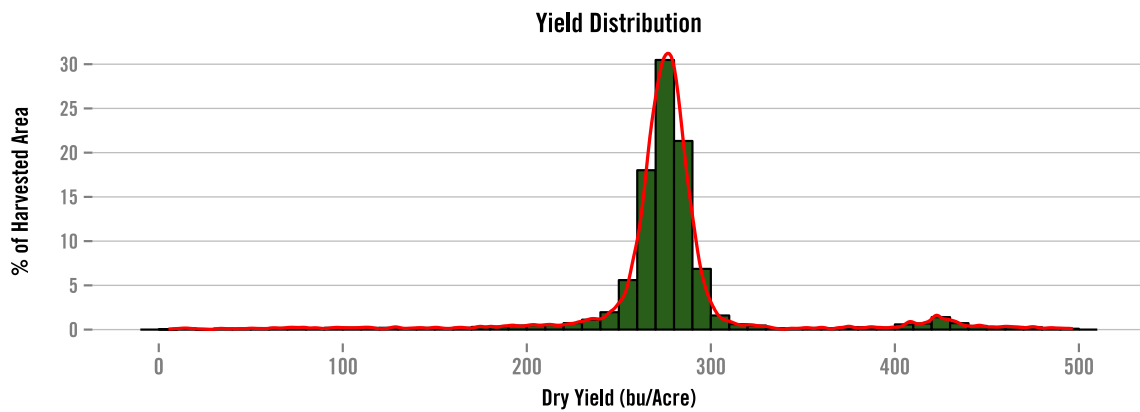
Mom's 88

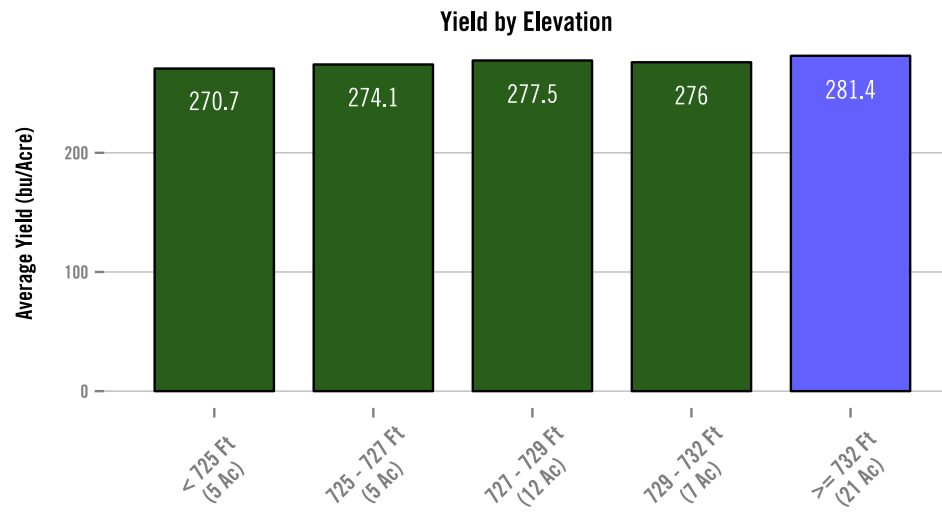
Yield Summary

Acres Harvested:	50
Average Dry Yield:	277.9 bu/Ac
Average Yield of IL Fields with Similar Soil Conditions:	218.4 bu/Ac
Harvest Moisture:	19.5%

Yield Map







Growing Season Weather Summary

Mom's 88

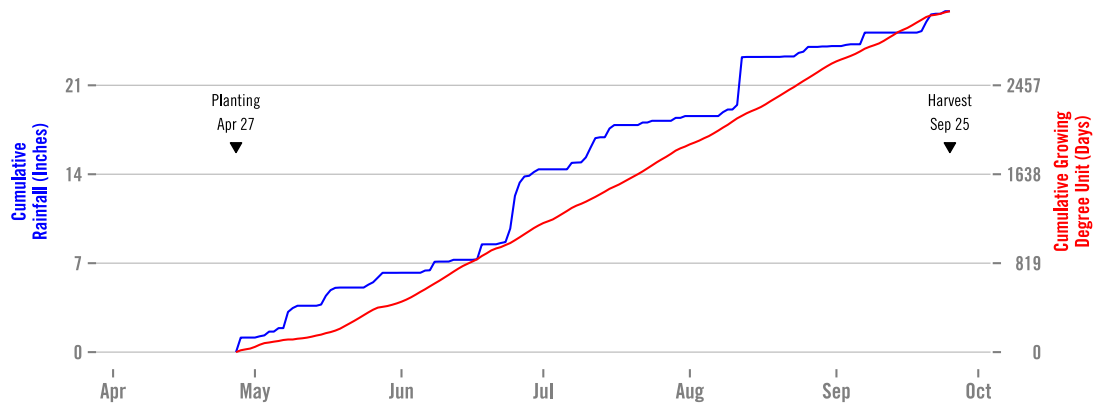
This section summarizes weather conditions in this field during the growing season.

Season Length: 152 Days (Apr 27 - Sep 25)

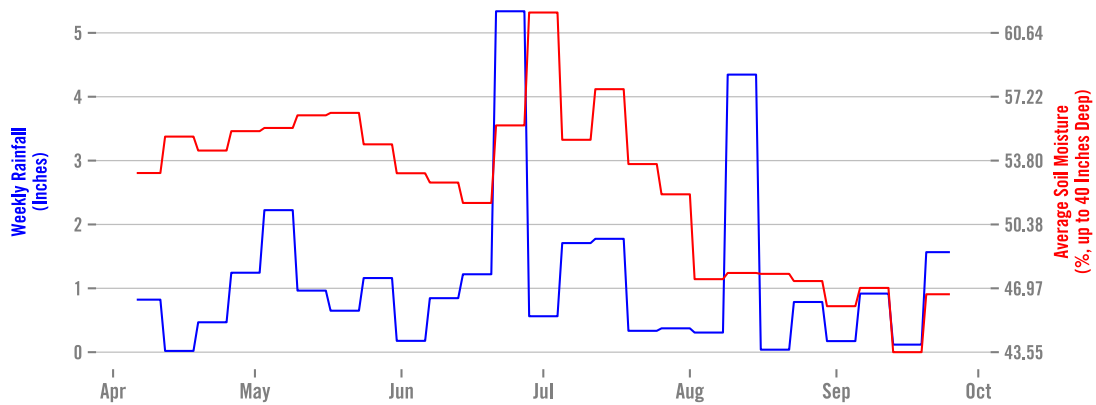
Cumulative Rainfall during Season: 26.8 Inches

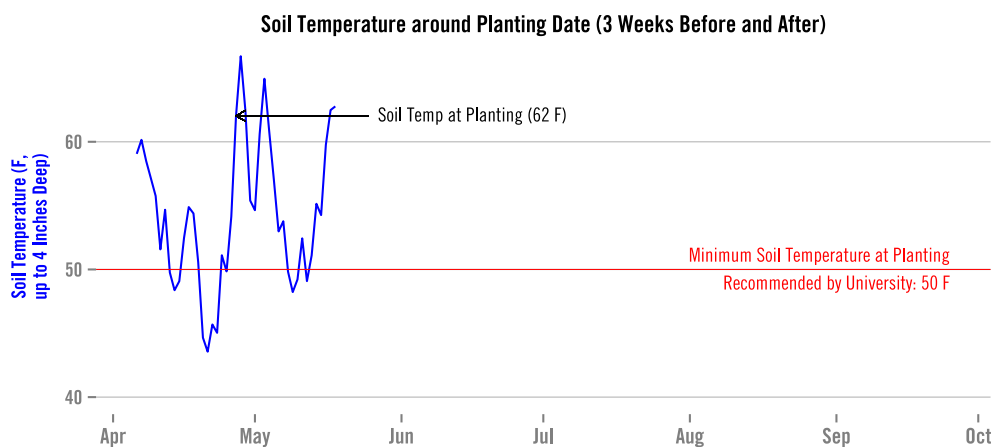
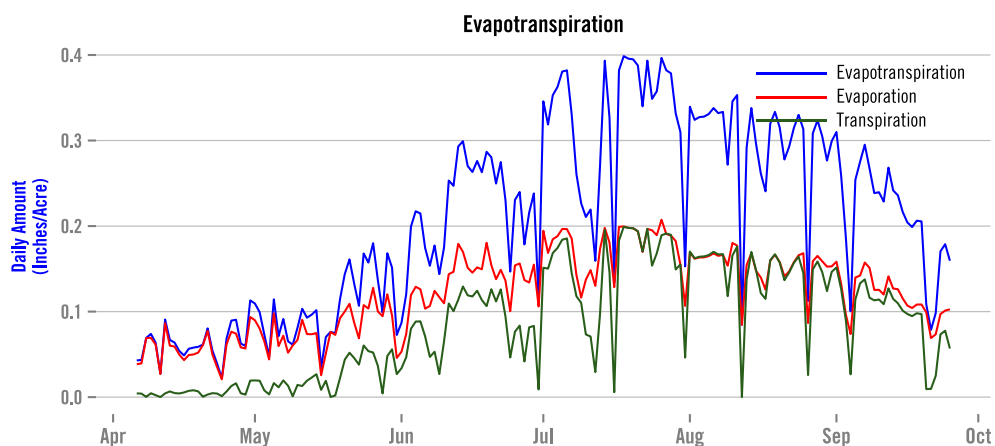
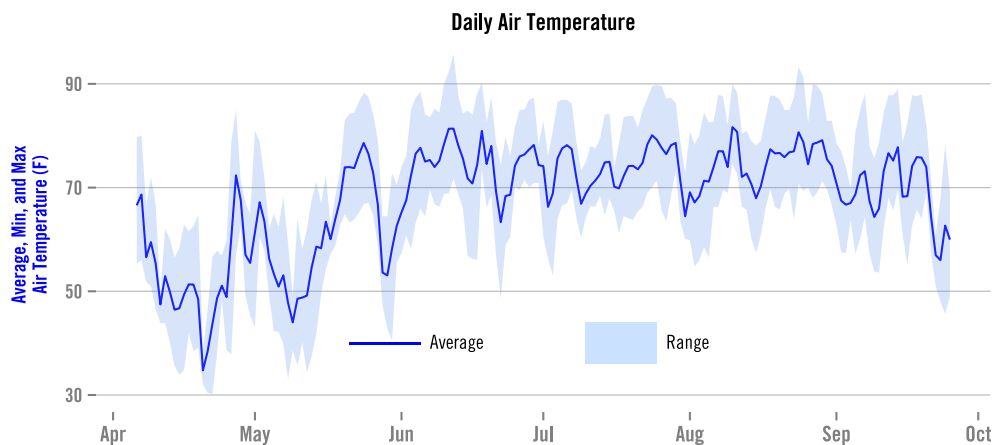
Cumulative GDU during Season: 3,140 Days

Cumulative Rainfall and GDU During Growing Season



Average Rainfall and Soil Moisture by Week



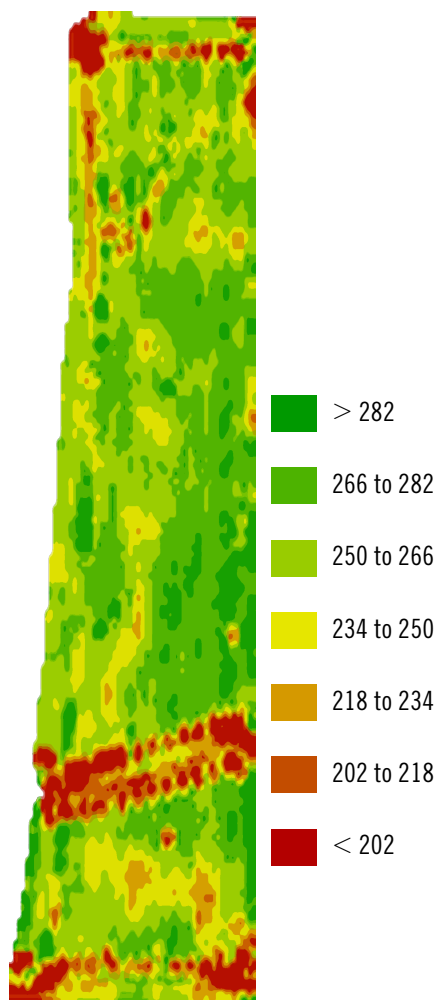


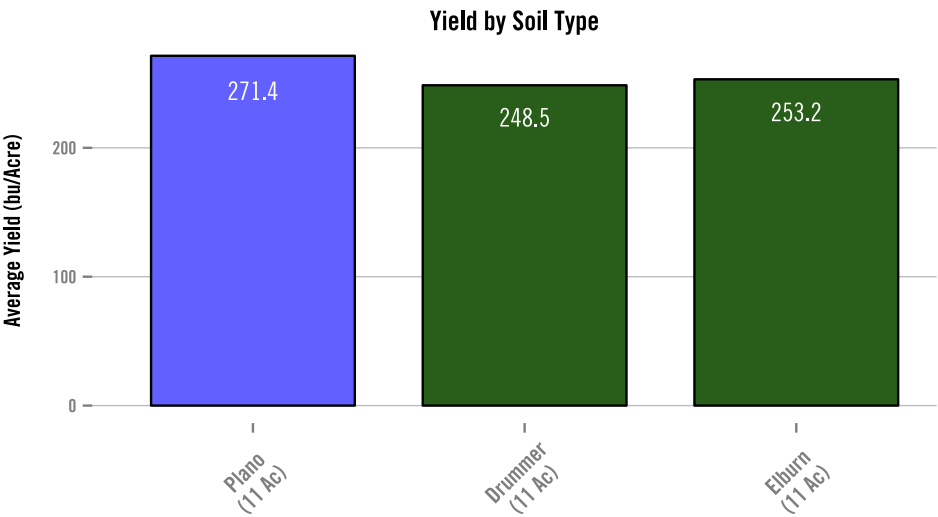
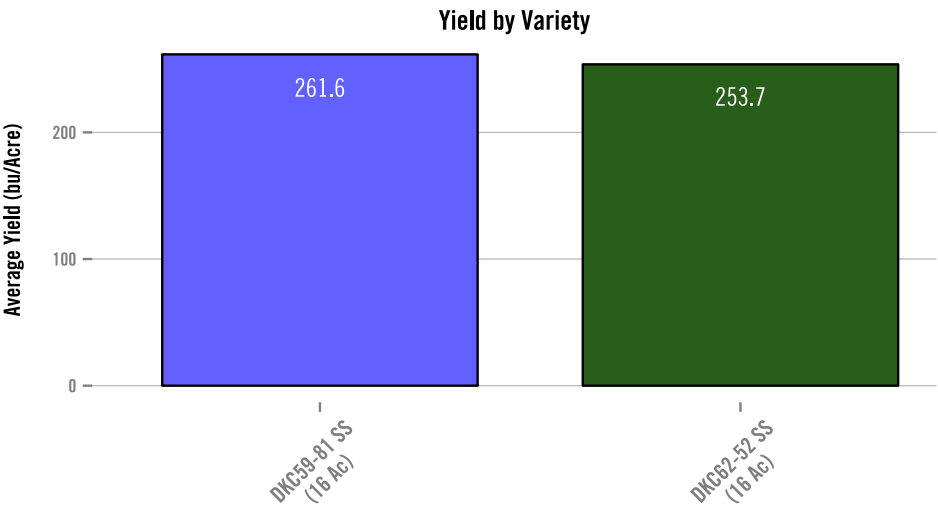
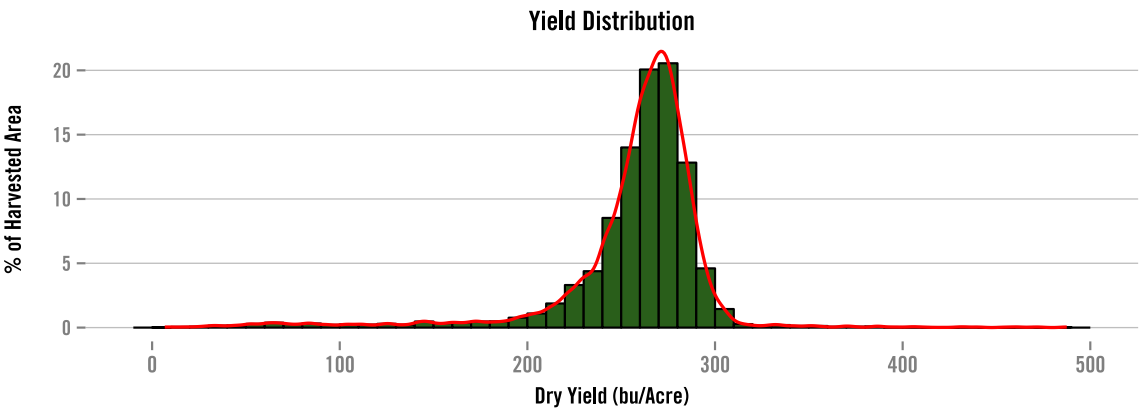
Mom's East 32

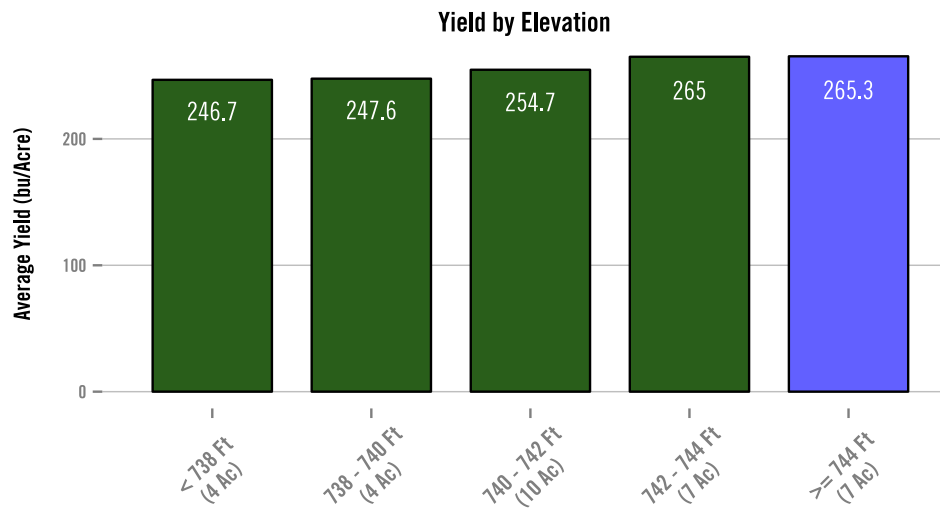
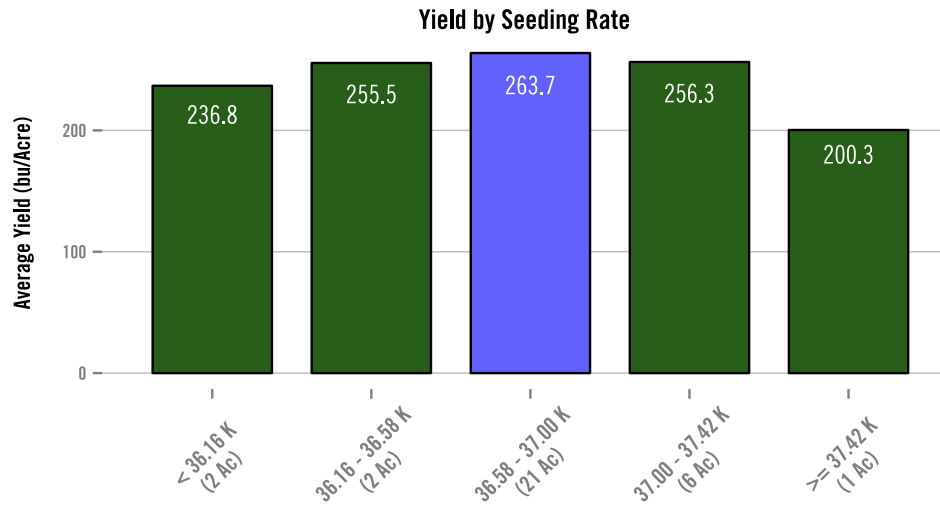
Yield Summary

Acres Harvested:	33
Average Dry Yield:	257.7 bu/Ac
Average Yield of IL Fields with Similar Soil Conditions:	226.6 bu/Ac
Harvest Moisture:	16.4%

Yield Map







Growing Season Weather Summary

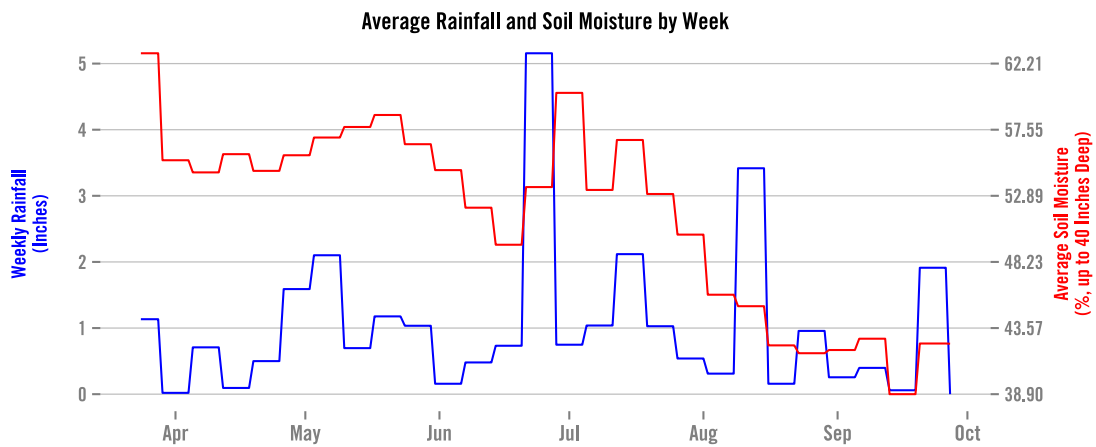
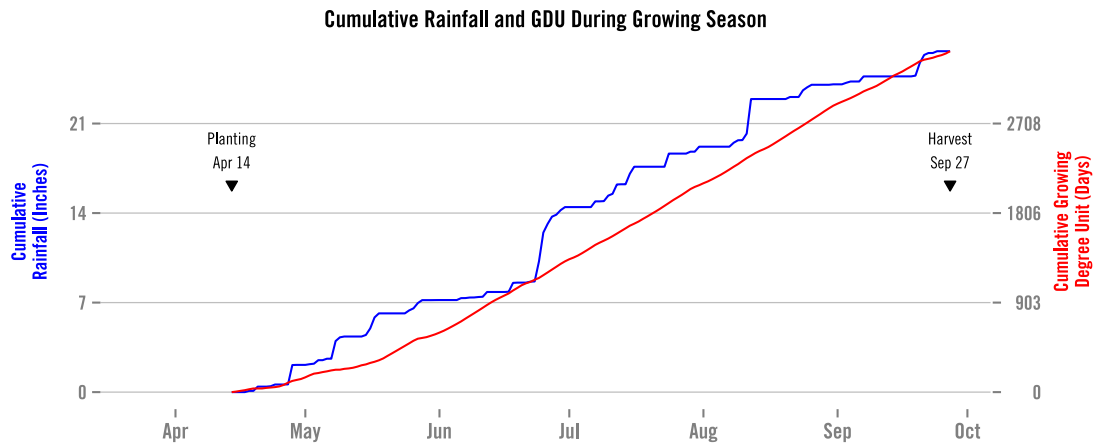
Mom's East 32

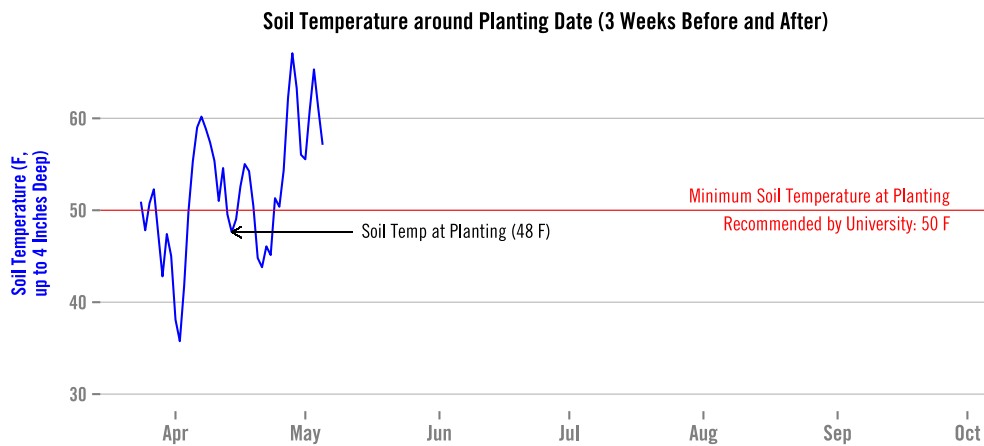
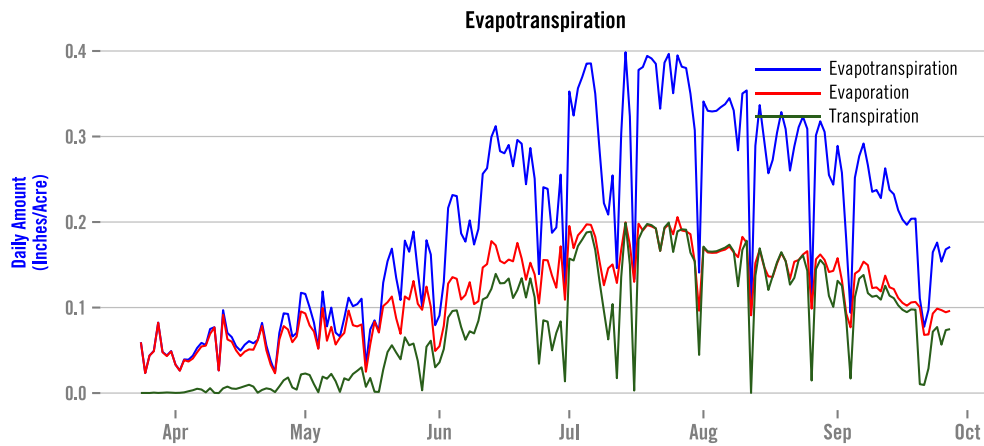
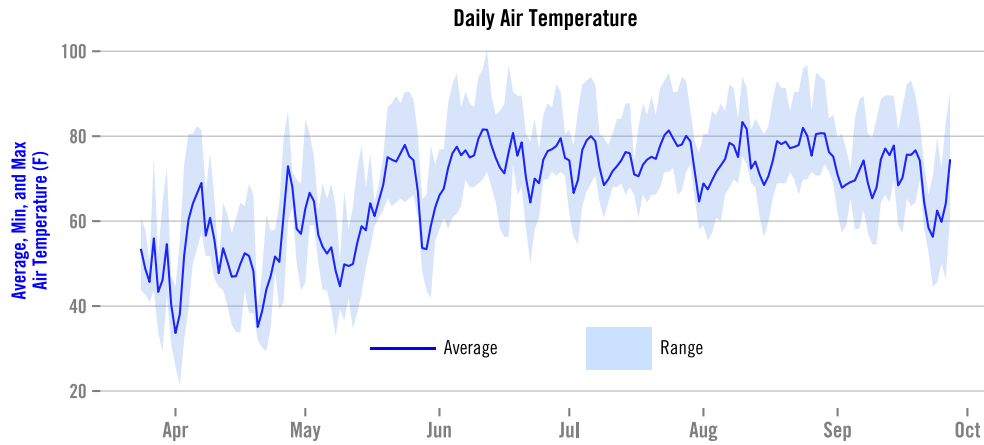
This section summarizes weather conditions in this field during the growing season.

Season Length: 167 Days (Apr 14 - Sep 27)

Cumulative Rainfall during Season: 26.7 Inches

Cumulative GDU during Season: 3,438 Days



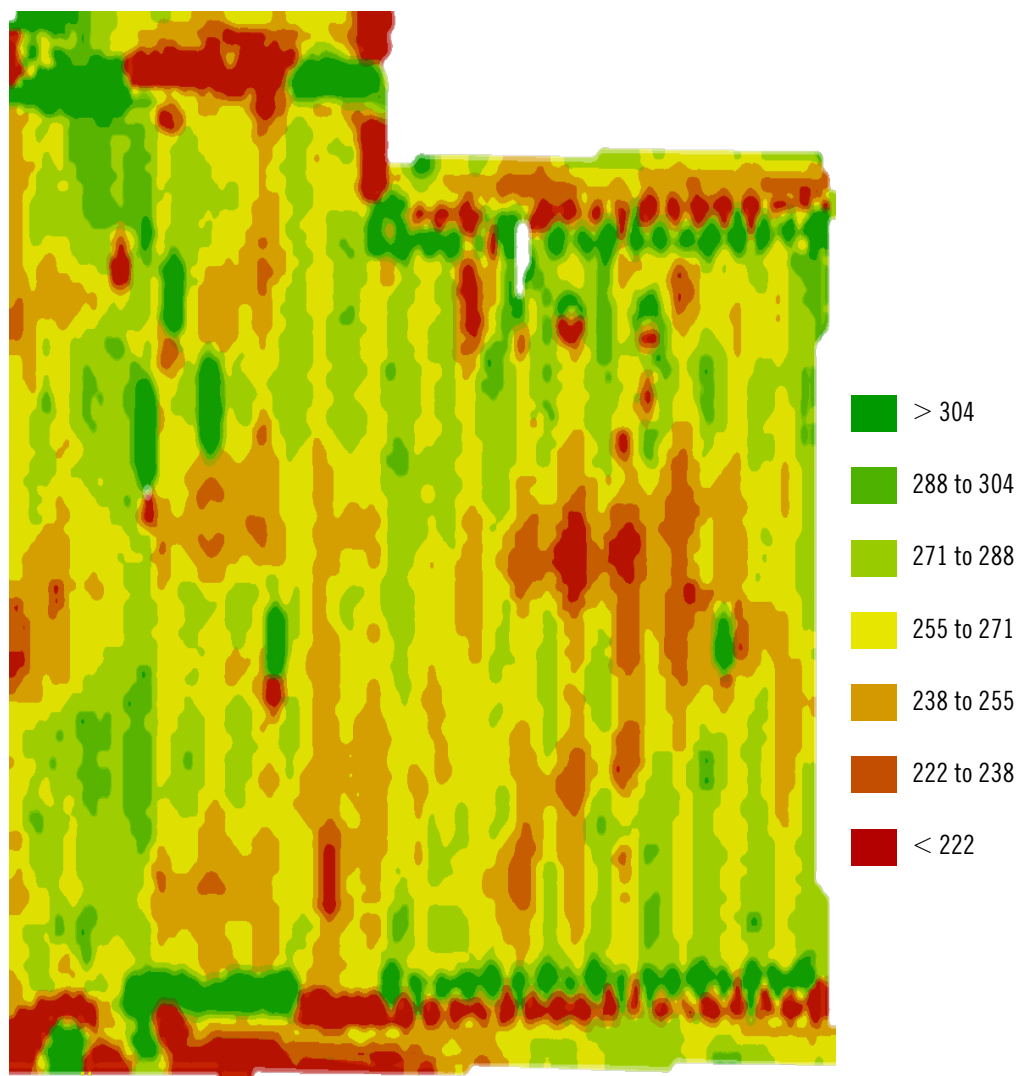


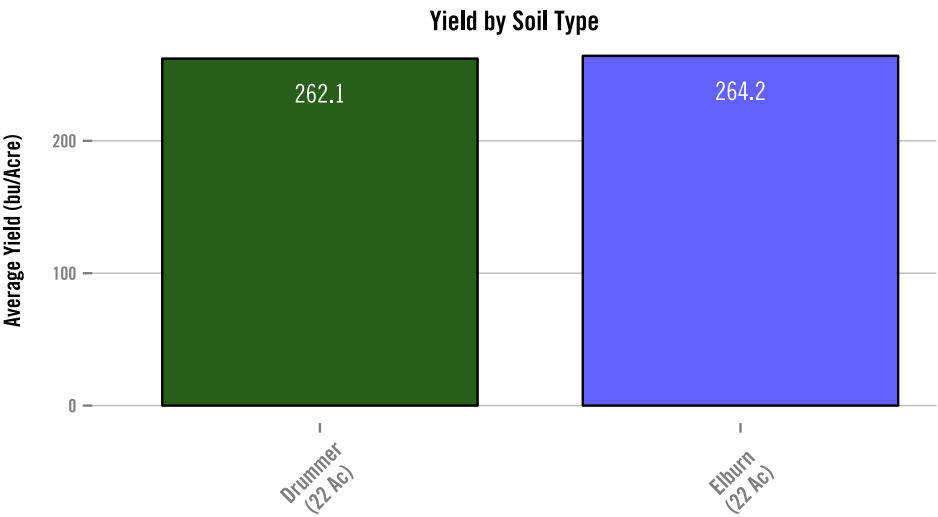
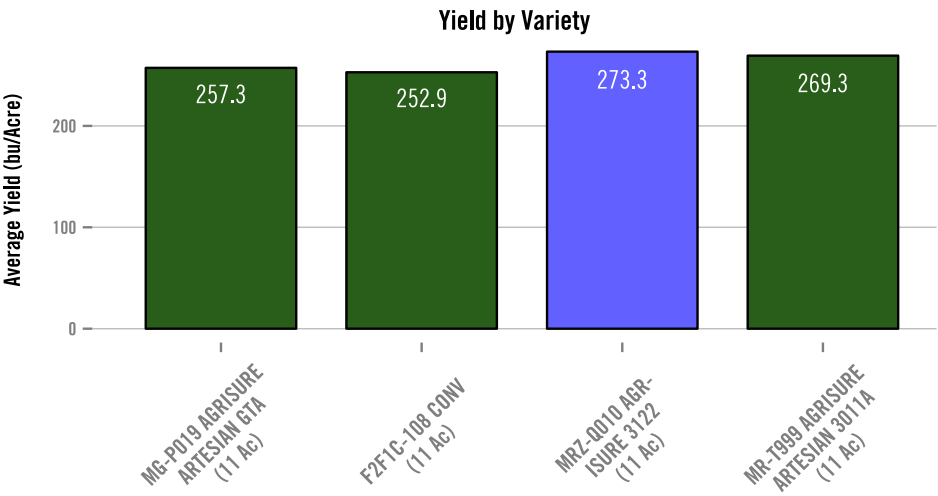
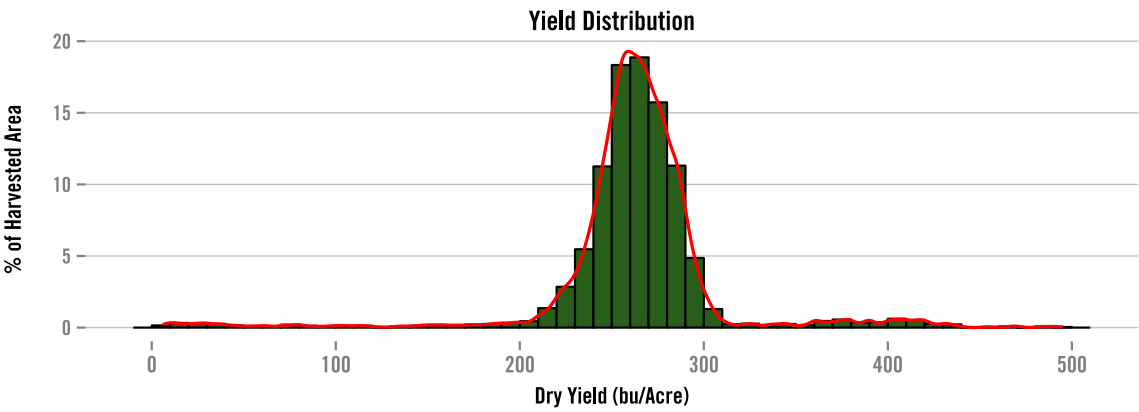
Mom's North 42

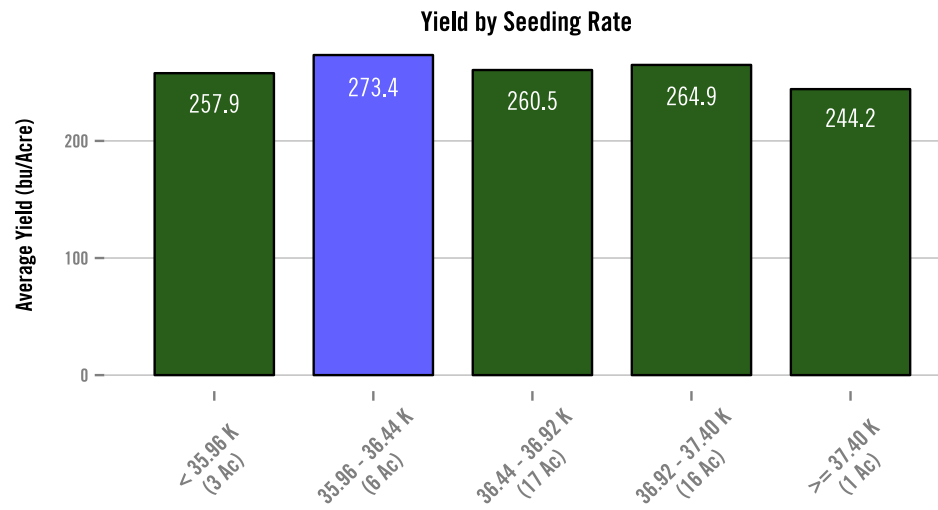
Yield Summary

Acres Harvested:	44
Average Dry Yield:	263.2 bu/Ac
Average Yield of IL Fields with Similar Soil Conditions:	221.9 bu/Ac
Harvest Moisture:	17.7%

Yield Map







Growing Season Weather Summary

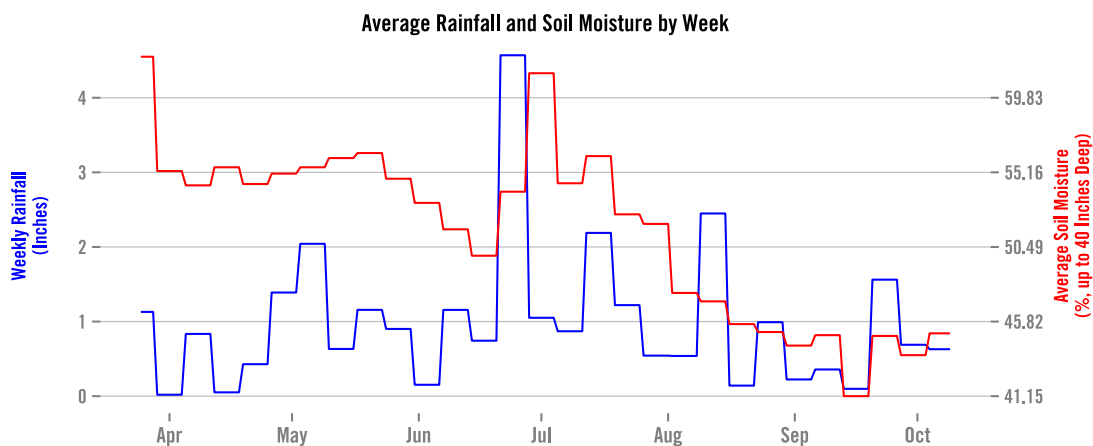
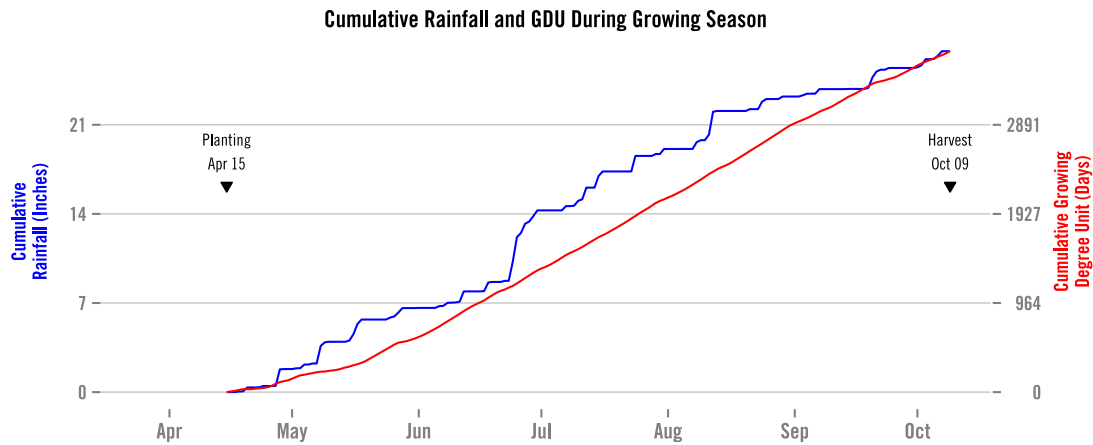
Mom's North 42

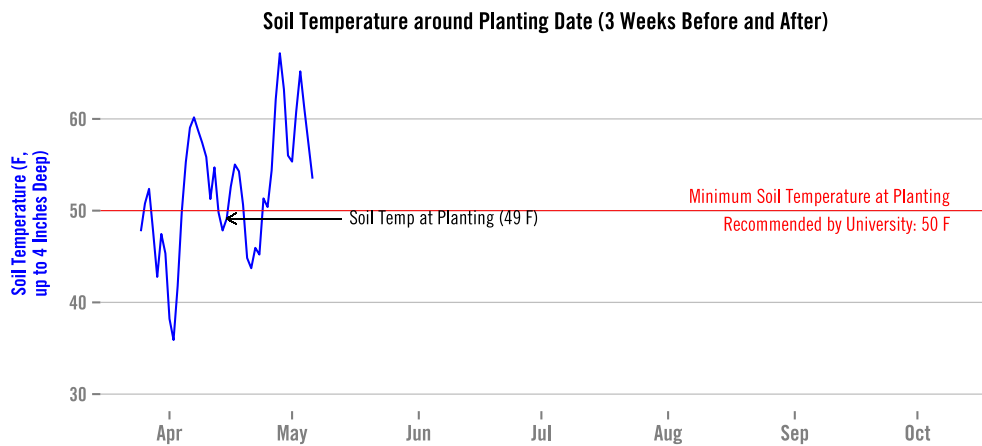
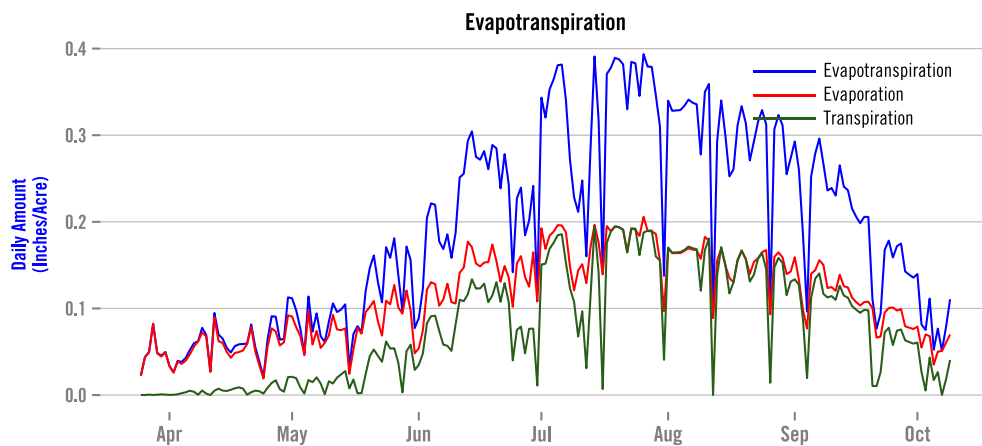
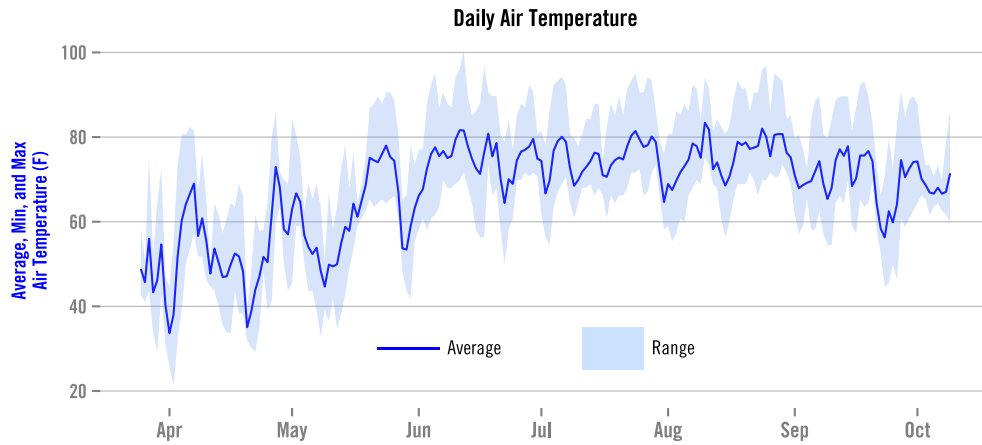
This section summarizes weather conditions in this field during the growing season.

Season Length: 178 Days (Apr 15 - Oct 09)

Cumulative Rainfall during Season: 26.8 Inches

Cumulative GDU during Season: 3,686 Days



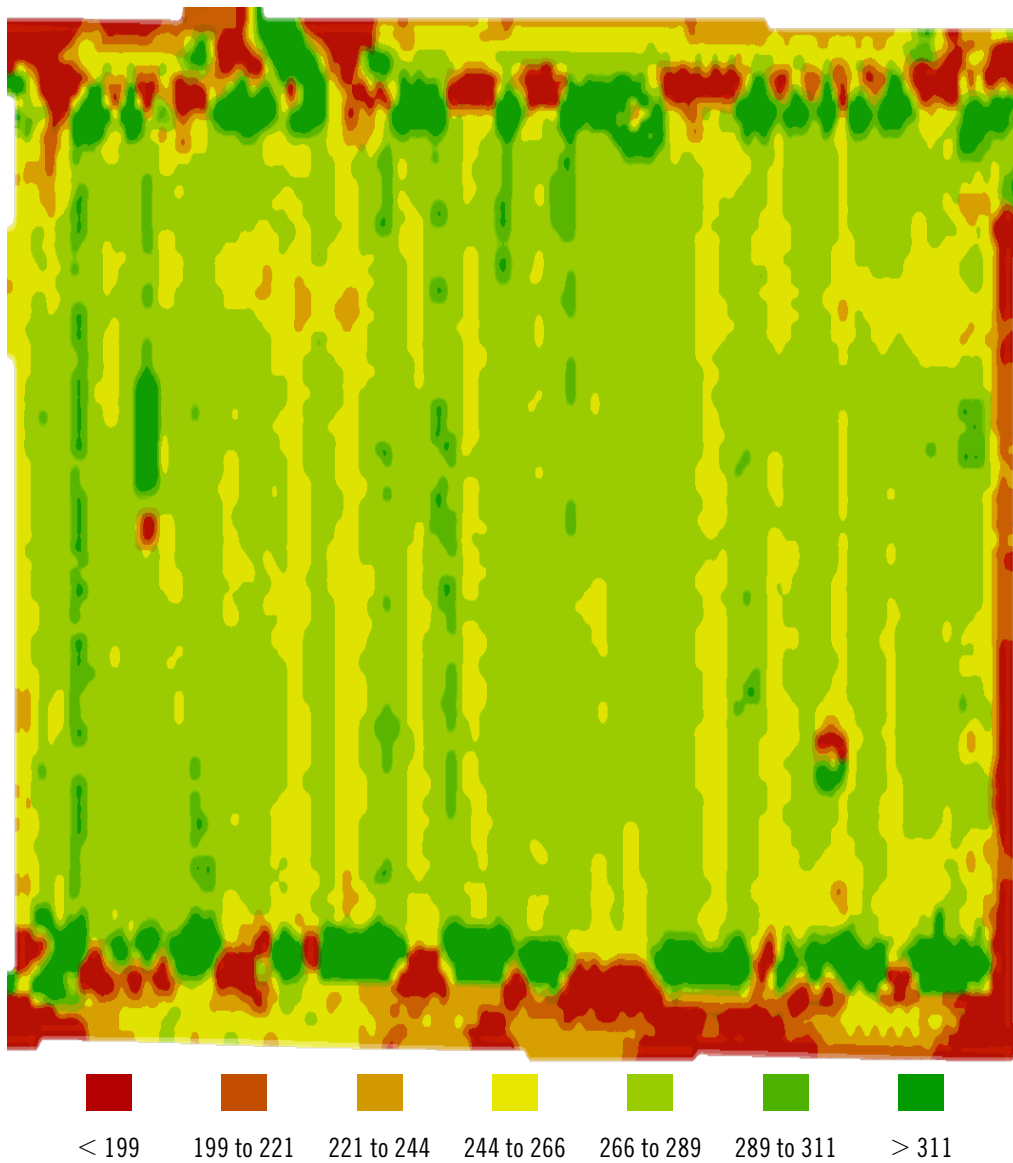


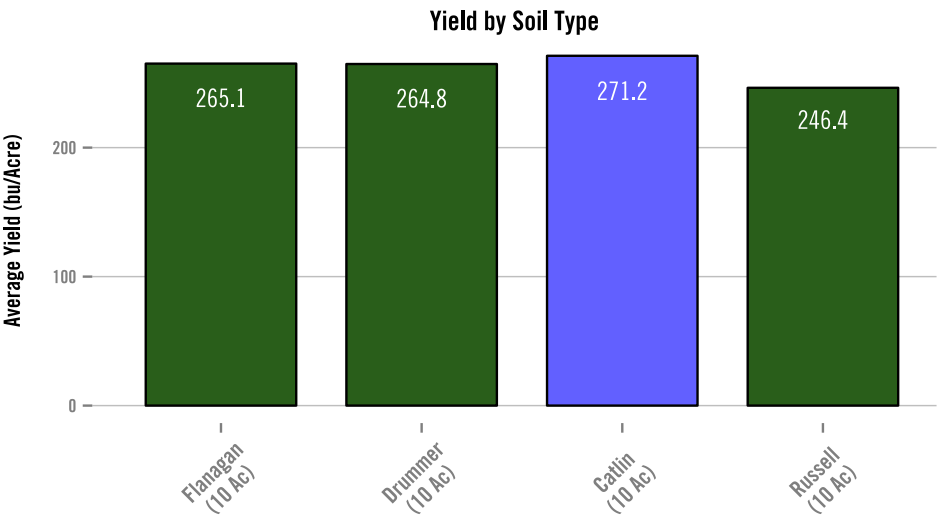
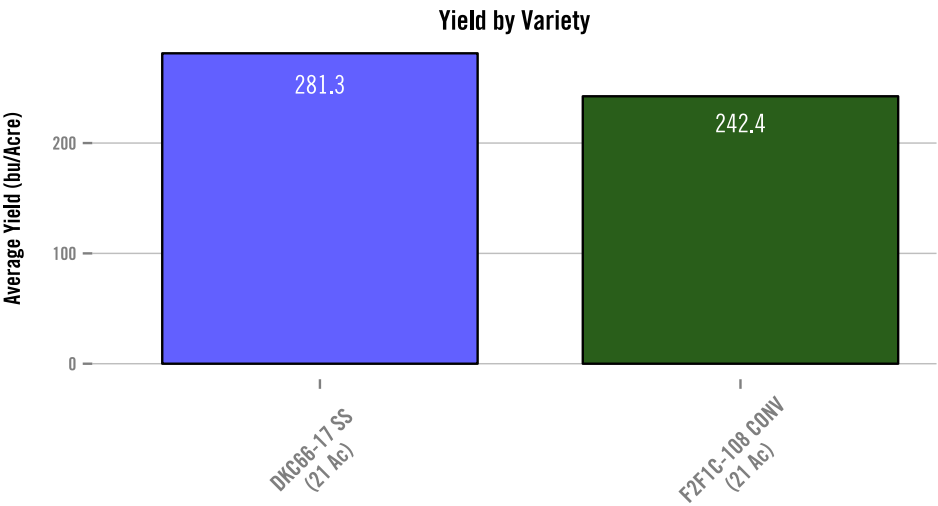
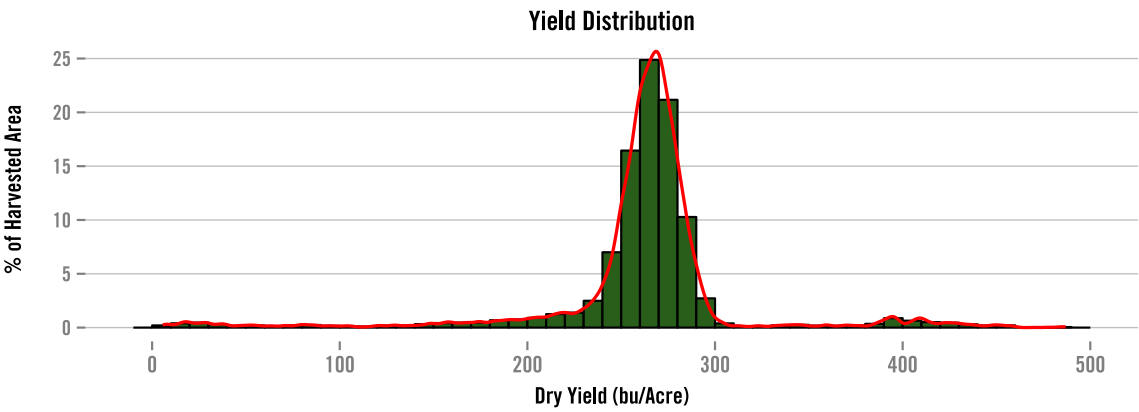
Mom's South 40

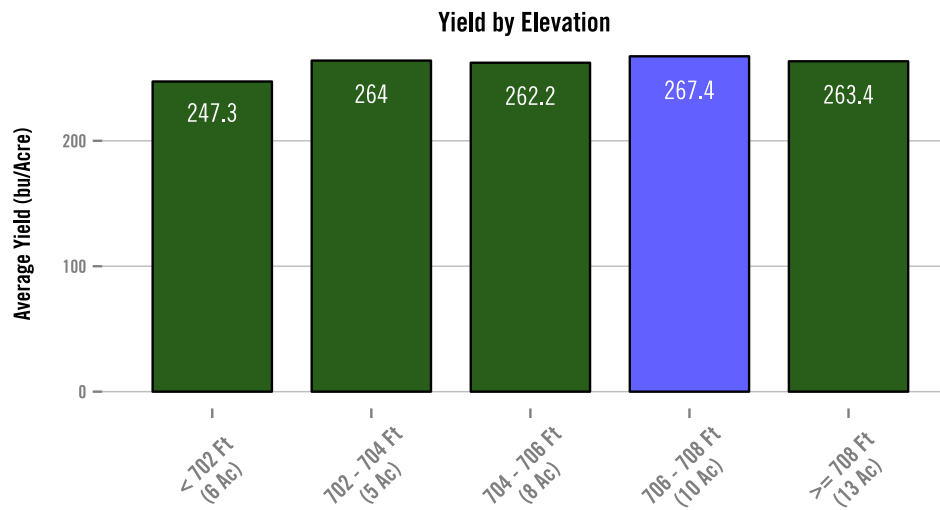
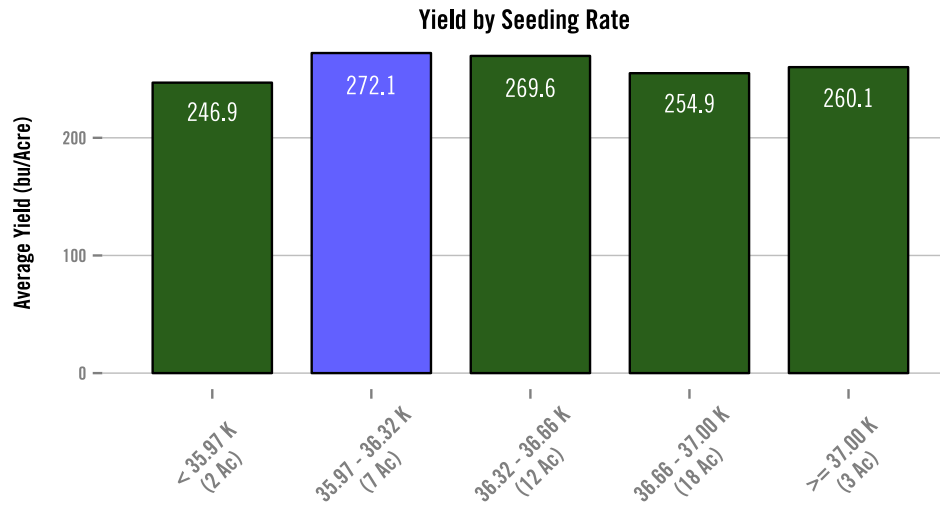
Yield Summary

Acres Harvested:	42
Average Dry Yield:	261.9 bu/Ac
Average Yield of IL Fields with Similar Soil Conditions:	214.1 bu/Ac
Harvest Moisture:	19.5%

Yield Map







Growing Season Weather Summary

Mom's South 40

This section summarizes weather conditions in this field during the growing season.

Season Length: 175 Days (Apr 17 - Oct 08)

Cumulative Rainfall during Season: 26.8 Inches

Cumulative GDU during Season: 3,652 Days

