

## Freeland Bean and Grain Dairyland SOYBEAN Plots

2021

Cooperator: Arnold Family Farms

Planted in 28" rows

12 row plots

Population: 126,000 seeds/acre

Previous crop: CORN

No Tillage

Bay County-Auburn: Nine Mile Rd north of RR Tracks, East of The Andersons Corn Plant East 20

Plot planted 4-27-21

Harvested 10-19-2021

		field weight	test weight	moisture	YIELD	
1	DSR-2030E	2860	55.7	12.5	72.3	Plot is 1032' long
2	DSR-1820E	2792	56	12.6	70.5	Plot is 28' wide
3	DSR-2040E	2776	55.6	12.6	70.1	Plot acres 0.66 acres
4	DSR-1673E	2756	55	12.8	69.4	
5	DSR-2590E	2758	55.5	13.1	69.2	
6	DSR-1707E	2730	55.2	12.7	68.8	
7	DSR-2424E	2714	55.1	12.7	68.4	
8	DSR-2259E	2678	55	12.9	67.4	
9	DSR-2555E	2672	55.5	12.9	67.2	
10	DSR-2112E	2650	55.3	12.8	66.7	
11	DSR-2222E	2562	53.1	12.9	64.4	
					68.6	Average

Cooperator: Kris Kreh

Planted in 30" rows

12 row plots

Population: 150,000 seeds/acre

Previous crop: Alfalfa

Conv Tillage

Saginaw County: NE Corner of Brennan and Dice rds

Plot starts 37 rows in from Ditch going from South to North.

Planted 5-6-21

Harvested 10-19-21

		field weight	test weight	moisture	YIELD	
1	DSR-2222E	1308	55.1	14.2	65.0	Plot is 480' long
2	DSR-2259E	1280	56.1	13.8	63.9	Plot is 30' wide
3	DSR-2040E	1254	55.3	14.7	62.0	Plot acres 0.33 acres
4	DSR-1820E	1220	55.6	14.5	60.4	
5	Renk G2460E	1202	56.3	13.8	60.0	
6	DSR-2555E	1200	55.6	14	59.8	
7	DSR-2112E	1180	56.2	14.2	58.7	
8	DSR-1707E	1190	54.8	15	58.6	
9	DSR-1450E	1172	54.9	15.2	57.6	
					60.7	Average

## Freeland Bean and Grain Dairyland CORN Plots

2021

Cooperator: Arnold Family Farms

Planted in 28" rows

8 row plots

Population: 36,000 kernels/acre

Previous crop: Soybeans

No tillage

Bay County-Auburn: Nine Mile Rd north of RR Tracks, East of The Andersons Corn Plant West 20

Plot planted 5-1-21

Harvested 12-9-21

		field weight	test weight	moisture	YIELD	
1	DS-4000AMXT	6042	56.5	18.6	<b>240.9</b>	Plot is 1007' long
2	DS-3750AM	5790	58.9	18.0	<b>232.6</b>	Plot is 18.66' wide
3	DS-3727AM	5790	57.2	18.2	<b>232.0</b>	Plot acres 0.43 acres
4	DS-4014Q	5708	55.2	19.3	<b>225.7</b>	
5	DS-3519AM	5592	57.6	18.3	<b>223.8</b>	
6	DS-3550AM	5452	54.8	18.3	<b>218.2</b>	
7	DS-3810Q	5220	54.8	18.6	<b>208.2</b>	
8	DS-4018AM	4620	56.4	18.6	<b>184.2</b>	
9	DS-4310AM	4348	56.3	17.1	<b>176.6</b>	
10	DS-3959Q	4250	55.3	18.7	<b>169.3</b>	
					<b>211.1</b>	Average

Cooperator: Kris Kreh

Planted in 30" rows

16 row plots

Population: 32,000 kernels/acre

Previous crop: Soybeans

Conv tillage

Saginaw County: NE Corner of Brennan and Dice rds

Planted 4-29-21

Harvested 11-5-21

		field weight	test weight	moisture	YIELD	
1	DS-4014Q	5418	55.4	19.5	<b>209.1</b>	Plot is 480' long
2	DS-3810Q	5262	56	18.6	<b>205.4</b>	Plot is 40' wide
3	DS-4000AMXT	5250	55.3	18.8	<b>204.4</b>	Plot acres 0.44 acres
4	DS-3959Q	5246	55.7	18.9	<b>204.0</b>	
5	DS-4318C	5182	57.4	18.5	<b>202.5</b>	
6	DS-4310AM	5232	57.3	19.8	<b>201.2</b>	
7	DS-3550AM	5108	55.9	17.9	<b>201.1</b>	
8	DS-4018AM	5188	56.7	19.3	<b>200.7</b>	
9	DS-3519AM	5066	57.3	17.8	<b>199.7</b>	
10	DS-3727AM	5032	57.4	17.9	<b>198.1</b>	
11	DS-3750AM	4926	59.7	17.5	<b>194.8</b>	
					<b>201.9</b>	Average