

Freeland Bean and Grain Dairyland SOYBEAN Plots planted 4-28-2020

Cooperator: Arnold Family Farms

All variety plots with 3 gal/acre in-furrow fertilizer starter

Planted in 28" rows

12 row plots

Population: 120,000 seeds/acre

Previous crop: CORN

Spring Vertical Tillage before planting

Bay County-Bay City: Mackinaw Rd 1/4 mile south of Salzburg Rd on East Side

Harvested on 10-9-20

Planting order		1330' long weigh wagon	28' wide moisture	0.85 acre test weight	bu/acre
1	DSR-2424E	3094	11	56.1	61.70
2	DSR-1673E	2758	10.9	56.3	55.07
3	DSR-E20-101E	3124	11	55.6	62.30
4	DSR-2030E	2768	10.8	56.1	55.33
5	DSR-2112E	3034	11	55.8	60.51
6	DSR-2222E	3188	11.1	54.9	63.51
7	DSR-2259E	3164	11.1	55.6	63.03
8	DSR-E24-201E	2962	11.2	55.4	58.94
9	DSR-2424E	3126	11.5	55.1	61.99
10	DSR-2555E	3228	12.1	54.9	63.58
11	DSR-2424E no starter fertilizer	3108	11.8	55	61.43
12	DSR-2424E w/ starter fertilizer	3086	12.3	53.6	60.65

Midland County-Midland: Rockwell Dr 1/4 mile south of E Ashman St on West Side

Planting order		weigh wagon	moisture	test weight	bu/acre
Harvested Oct 20, 2020		1100' long	28' wide	0.70 acre	
1	DSR-1673E	2381	14.2	55.3	55.35
2	DSR-E20-101E	2546	13.7	55.1	59.53
3	DSR-2030E	2163	14.1	55.9	50.34
4	DSR-2112E	2385	14.1	55.6	55.51
Harvested Oct 16, 2020					
5	DSR-2222E	2577	13.3	54.6	60.53
6	DSR-2259E	2538	13.3	55.9	59.62
7	DSR-2424E	2393	13.4	56	56.15
8	DSR-2555E	2498	13.5	55.8	58.54
9	DSR-E20-101E	2622	13.3	55.4	61.59

Freeland Bean and Grain Dairyland CORN Plots planted 5-12-2020

Cooperator: Arnold Family Farms

3 gal/acre in-furrow fertilizer pop-up

15 gal/acre 2x2 fertilizer starter

20 gal/acre broadcast 28%

Planted in 28" rows

8 row plots

Population: 36,000 kernels/acre

Previous crop: SOYBEANS

Spring tillage before planting

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

Plot starts 40 rows in from west side.

Planting order		weigh wagon	moisture	test weight	bu/acre
Harvested Oct 31, 2020		1060' long	18.66' wide	0.454 acre	
1	DS-4318AMXT	6028	25.2	52.6	209.85
2	DS-4310AM	5606	23.7	54.1	199.07
3	DS-4018AMXT	5268	21.5	55.6	192.46
4	DS-4014Q	5874	22.4	52.5	212.14
5	DS-4000AMXT	5578	22.2	53.6	201.97
6	DS-3810Q	5276	20.1	54.2	196.19
7	DS-3750AM	4708	18.8	57.8	177.92
8	DS-3715AM	4940	19.5	53.7	185.08
9	DS-3519AM	4876	19.0	57.0	183.81
10	DS-3550Q	5334	20.0	53.3	198.60
11	DS-3715AM	5086	20.2	53.4	188.89

Bay County-Midland: Carter Rd, 1/4 mile north of Beaver Rd, East Side

Variety Plot starts 49 rows in from south side

Planting order		weigh wagon	moisture	test weight	bu/acre
Harvested Oct 31, 2020		1042' long	18.66' wide	0.446 ac	
1	DS-3715AM No-Till	4500	20.3	53.6	169.80
2	DS-3715AM Till	4760	20.8	52.4	178.48
3	DS-3810Q	4970	20.7	53.9	186.59
4	DS-3750AM	4400	19.1	57.6	168.53
5	DS-3715AM	4542	20.1	53.2	171.81
6	DS-3519AM	4448	18.5	57.9	171.63
7	DS-3550AM	4584	19.2	54.5	175.36

8	DS-3518AMXT	4696	19.1	55.9	179.86
9	DS-3370AM	4612	18.6	55.1	177.74
10	DS-3366Q	4226	17.8	56.1	164.46
11	DS-3345AM	4230	17.9	56.9	164.42
12	DS-3162Q	4608	17.4	54.6	180.20

Freeland Bean and Grain Dairyland CORN Plots planted 5-13-2020

Cooperator: Varner Land Management

25 gal/acre broadcast 28%

Planted in 30" rows

8 row plots

Population: 30,000 kernels/acre

25,000 k/a actual

Previous crop: CRANBERRY BEANS

Spring tillage before planting

Midland County-Wheeler: Nine Mile Rd, 1/8 mile south of Kent Rd, East Side

Plot starts 17 rows in from north side.

Planting order

		weigh wagon	moisture	test weight	bu/acre
		1400' long	20' wide	0.642 ac	
1	DS-4318AM				0.00
2	DS-4310AM				0.00
3	DS-4018AMXT				0.00
4	DS-4000AMXT				0.00
5	DS-3810Q				0.00
6	DS-3715AM				0.00
7	DS-3519AM				0.00
8	DS-3550AM				0.00
9	DS-3518AMXT				0.00
10	DS-3370AM				0.00
11	DS-3366Q				0.00