

## CROP ROTATION

### Project - Rotation & Tillage Trials

Rotation - 1 Main Field		Year - 1957	
	A	B	C
Crop	Wheat, DC	Oats, FP	Corn, FP
Variety	Selkirk	Marion	KF - 1
Plowing date	---	9 - 25 - 56	9 - 25 - 56
Plowing depth	---	4 - 5 inches	4 - 5 inches
Tillage before seeding	DD 4 - 25 - 57	DD 4 - 25 - 57	DD 5 - 26 - 57
Seeding date	4 - 26 - 57	4 - 27 - 57	5 - 27 - 57
Seeding rate	1 BPA	1 ½ BPA	8 lbs/A
Seeding manner	DD Press Drill	DD Press Drill	2 - row planter
Tillage after seeding			necessary cultivation to control weeds.
Harvest date	8 - 12 - 57	8 - 6 - 57	8 - 30 - 57
Total pounds	---	---	8.2 Tons silage
Straw, pounds	---	---	---
Grain, pounds	72 lbs.	143 lbs.	---
Yields per acre	12.0 bpa	44.7 bpa	48.4 bpa
Grade	56.0 lbs. per bu.	37.0 lbs. per bu.	#1

Rotation - 2 Main Field		Year - 1957	
	A	B	C
Crop	Wheat, SP	Oats, SP	Corn, SP
Variety	Selkirk	Marion	KF - 1
Plowing date	4 - 25 - 57	4 - 25 - 57	5 - 26 - 57
Plowing depth	4 - 5 inches	4 - 5 inches	4 - 5 inches
Tillage before seeding	---	---	---
Seeding date	4 - 26 - 57	4 - 27 - 57	5 - 27 - 57
Seeding rate	1 BPA	1 ½ BPA	8 lbs/A
Seeding manner	DD Press Drill	DD Press Drill	2 - row planter
Tillage after seeding	---	---	Necessary cultivation to control weeds.
Harvest date	8 - 12-57	8 - 6 - 57	8 - 30 - 57
Total pounds	---	---	6.8 Tons silage
Straw, pounds	---	---	---
Grain, pounds	93 lbs.	154 lbs.	---
Yields per acre	15.5 bpa	48.1 bpa	52.8 bpa
Grade	56.0 lbs. per bu.	35.5 lbs. per bu.	#1

Rotation - 3 Main Field		Year - 1957	
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	A	B	C
Crop	Wheat, FP	Oats, FP	Corn, FP
Variety	Selkirk	Marion	KF - 1
Plowing date	9 - 25 - 56	9 - 25 - 56	9 - 25 - 56
Plowing depth	4 - 5 inches	4 - 5 inches	4 - 5 inches
Tillage before seeding	DD 4 - 25 - 57	DD 4 - 25 - 57	DD 5 - 26 - 57
Seeding date	4 - 26 - 57	4 - 27 - 57	5 - 27 - 57
Seeding rate	1 BPA	1 ½ BPA	8 lbs/ A
Seeding manner	DD Press Drill	DD Press Drill	2 - row planter
Tillage after seeding	---	---	Necessary cultivation to control weeds.
Harvest date	8 - 12-57	8 - 6 - 57	8 - 30 - 57
Total pounds	---	---	7.2 Tons silage
Straw, pounds	---	---	---
Grain, pounds	64 lbs.	153 lbs.	---
Yields per acre	10.7 bpa	47.8 bpa	40.9 bpa
Grade	56.5 lbs. per bu.	36.0 lbs. per bu.	#1

<b>Rotation - 4 - Main Field</b>		<b>Year - 1957</b>	
	A	B	C
Crop	Oats, DC	Wheat, FP	Corn, FP
Variety	Marion	Selkirk	KF - 1
Plowing date	---	9 - 25 - 56	9 - 25 - 56

Plowing depth	---	4 - 5 inches	4 - 5 inches
Tillage before seeding	DD 4 - 25 - 57	DD 4 - 25 - 57	DD 5 - 26 - 57
Seeding date	4 - 27 - 57	4 - 26 - 57	5 - 27 - 57
Seeding rate	1 ½ BPA	1 BPA	8 lbs/A
Seeding manner	DD Press Drill	DD Press Drill	2 - row planter
Tillage after seeding	---	---	Necessary cultivation to control weeds.
Harvest date	8 - 6 - 57	8 - 12 - 57	8 - 30 - 57
Total pounds	---	---	9.0 Tons silage
Straw, pounds	---	---	---
Grain, pounds	124 lbs.	68 lbs.	---
Yields per acre	38.8 bpa	11.3 bpa	40.9 bpa
Grade	39.0 lbs. per bu.	56.5 lbs. per bu.	#1

Rotation - 5 Main Field		Year - 1957	
	A	B	C
Crop	Wheat, F	Oats, FP	Fallow
Variety	Selkirk	Marion	---
Plowing date	---	9 - 25 - 56	---
Plowing depth	---	4 - 5 inches	---
Tillage before seeding	DF 4 - 25 - 57	DD 4 - 25 - 57	---
Seeding date	4 - 26 - 57	4 - 27 - 57	---

Seeding rate	1 BPA	1 ½ BPA	—
Seeding manner	DD Press Drill	DD Press Drill	---
Tillage after seeding	---	---	---
Harvest date	8 - 12 - 57	8 - 6 - 57	---
Total pounds	---	---	---
Straw, pounds	---	---	---
Grain, pounds	97 lbs.	145 lbs.	---
Yields per acre	16.2 bpa	45.3 bpa	—
Grade	55.5 lbs. per bu.	37.0 lbs. per bu.	---

Rotation - 6 Main Field		Year - 1957	
	A	B	C
Crop	Barley, DC	Oats, FP	Corn, FP
Variety	Tregal	Marion	KF-1
Plowing date	---	9 - 25 - 56	9 - 25 - 56
Plowing depth	---	4 - 5 inches	4 - 5 inches
Tillage before seeding	DD 4 - 25 - 57	DD 4 - 25 - 57	DD 5 - 26 - 57
Seeding date	4 - 26 - 57	4 - 27 - 57	5 - 27 - 57
Seeding rate	1 1/4 BPA	1 ½ BPA	8 lbs/A
Seeding manner	DD Press Drill	DD Press Drill	2 - row planter
Tillage after seeding			Necessary cultivation to control weeds.

Harvest date	8 - 7 - 57	8 - 6 - 57	8 - 30 - 57
Total pounds	---	---	8.8 Tons silage
Straw, pounds	---	---	---
Grain, pounds	48 lbs.	150 lbs.	---
Yields per acre	10.0 bpa	46.9 bpa	50.9 bpa
Grade	47.5 lbs. per bu.	35.0 lbs. per bu.	#1

Rotation - 7 Main Field		Year - 1957	
	A	B	C
Crop	Oats, SP	Barley, SP	Corn, SP
Variety	Marion	Tregal	KF - 1
Plowing date	4 - 25 - 57	4 - 25 - 57	5 - 26 - 57
Plowing depth	4 - 5 inches	4 - 5 inches	4 - 5 inches
Tillage before seeding	---	---	---
Seeding date	4 - 27 - 57	4 - 26 - 57	5 - 27 - 57
Seeding rate	1 ½ BPA	1 1/4 BPA	8 lbs/A
Seeding manner	DD Press Drill	DD Press Drill	2 - row planter
Tillage after seeding	---	---	Necessary cultivation to control weeds.
Harvest date	8 - 6 - 57	8 - 7 - 57	8 - 30 - 57
Total pounds	---	---	8.4 Tons silage
Straw, pounds	---	---	---
Grain, pounds	158 lbs.	86 lbs.	---

Yields per acre	49.4 bpa	17.9 bpa	47.8 bpa
Grade	37.0 lbs. per bu.	47.0 lbs. per bu.	#1

Rotation - 8 Main Field		Year - 1957	
	A	B	C
Crop	Oats, F	Wheat, FP	Fallow
Variety	Marion	Selkirk	---
Plowing date	---	9 - 25 - 56	---
Plowing depth	---	4 - 5 inches	---
Tillage before seeding	DF 4 - 25 - 57	DD 4 - 25 - 57	---
Seeding date	4 - 27 - 57	4 - 26 - 57	---
Seeding rate	1 ½ BPA	1BPA	---
Seeding manner	DD Press Drill	DD Press Drill	---
Tillage after seeding	---	---	---
Harvest date	8 - 6 - 57	8 - 12 - 57	---
Total pounds	---	---	---
Straw, pounds	---	---	---
Grain, pounds	155 lbs.	78 lbs.	---
Yields per acre	48.4 bpa	13.0 bpa	---
Grade	36.0 lbs. per bu.	56.0 lbs. per bu.	---

Rotation - 9 Main Field		Year - 1957	
	A	B	C
Crop	Oats, SP	Wheat, SP	Corn, SP
Variety	Marion	Selkirk	KF - 1
Plowing date	4-25-57	4-25-57	5-26-57
Plowing depth	4 - 5 inches	4 - 5 inches	4 - 5 inches
Tillage before seeding	---	---	---
Seeding date	4 - 27 - 57	4 - 26 - 57	5 - 27 - 57
Seeding rate	1 ½ BPA	1 BPA	8 lbs/A
Seeding manner	DD Press Drill	DD Press Drill	2 - row planter
Tillage after seeding	---	---	Necessary cultivation to control weeds.
Harvest date	8 - 6 - 57	8 - 12 - 57	8 - 30 - 57
Total pounds	---	---	6.3 Tons silage
Straw, pounds	---	---	---
Grain, pounds	170 lbs.	87 lbs.	---
Yields per acre	53.1 bpa	14.5 bpa	33.9 bpa
Grade	38.5 lbs. per bu.	56.0 lbs. per bu.	#1

Rotation - 10 Main Field			Year - 1957		
	A	B	C	D	E



Crop	Wheat, DC Cr. Wheat	Cr. Wheat Hay	Cr. Wheat Hay	Oats, fP	Corn, SP
Variety	Selkirk Standard	Standard	Standard	Marion	KF-1
Plowing date	---	---	---	9-25-56	5-26-57
Plowing depth	---	---	---	4-5 inches	4 - 5 inches
Tillage before seeding	DD 4-25-57	---	---	DD 4-25-57	---
Seeding date	4-26-57	1956	1955	4-27-57	5-27-57
Seeding rate	1 BPA	10 lbs/acre	10 lbs/acre	1 ½ BPA	8 lbs/A
Seeding manner	DD Press Drill	DD press drill	DD Press drill	DD Press Dr.	2 row planter
Tillage after seeding	---	---	---	---	necessary cultivation to control weeds.
Harvest date	8-12-57	7-8-57	7-8-57	8-6-57	8-30-57
Total pounds	---	150	100	---	9.8 tons silage
Straw, pounds	---	---	---	---	---
Grain, pounds	66 lbs.	---	---	½ lbs.	---
Yields per acre	11.0 bpa	¾ ton	½ ton	35.0 bpa	55.3 bpa
Grade	55.0 lbs. per bu.	Good	Good	36.5 lbs. per bu.	#1

**Rotation - 11**

**Year - 1957**

	A	B	C	D	E
Crop	Wheat, DC	S. Clover, DD	S. Clover, Hay	Oats, SP	Corn, SP
Variety	Selkirk	Yellow Blossom	Yellow Blossom	Marion	KF - 1
Plowing date	---	---	1956	4-25-57	5-26-57
Plowing depth	---	---	---	4 - 5 inches	4 - 5 inches
Tillage before seeding	DD 4-25-57	DD 5-6-57	---	---	---
Seeding date	4-26-57	5-6-57	1956	4-27-57	5-27-57
Seeding rate	1BPA	10 lbs/acre	---	1 ½ BPA	8 lbs/A
Seeding manner	DD Press Drill	DD press drill	---	DD Press Drill	2 row planter
Tillage after seeding	---	---	---	---	Necessary cult. to control weeds.
Harvest date	8-12-57	7-8-57	7-8-57	8-6-57	8-30-57
Total pounds	---	150	225	---	9.6 tons silage
Straw, pounds	---	---	---	---	---
Grain, pounds	74 lbs.	---	---	168 lbs.	---
Yields per acre	12.3 bpa	3/4 Ton	1.1 Tons	52.5 bpa	59.7 bpa
Grade	57.0 lbs. per bu.	mixed with straw	Good	40.5 lbs. per bu.	#1

Rotation - 12 Main Field				Year - 1957		
	A	B	C	D	E	F
Crop	Cr. Wheat Hay	Cr. Wheat Hay	Oats, FP	Corn, SP	Wheat, DC Cr. Wheat	Cr. Wheat Hay

Variety	Standard	Standard	Marion	KF - 1	Selkirk Standard	Standard
Plowing date	---	---	9-25-56	5-26-57	---	---
Plowing depth	---	---	4-5 inches	4 - 5 inches	---	---
Tillage before seeding	---	---	DD 4-25-57	---	DD 4-25-57	---
Seeding date	1955	1954	4-27-57	5-27-57	4-26-57	1956
Seeding rate	---	---	1 ½ BPA	8 lbs/A	1 BPA 10 lbs/acre	---
Seeding manner	---	---	DD Press Drill	2 row planter	DD Press Drill	---
Tillage after seeding	---	---	---	Necessary cultivation to control weeds.	---	---
Harvest date	7-8-57	7-8-57	8-6-57	8-30-57	8-12-57	7-8-57
Total pounds	120	235	---	9.4 tons silage	---	165
Straw, pounds	---	---	---	---	---	---
Grain, pounds	---	---	114 lb.	---	83 lbs.	---
Yields per acre	.60 Tons	1.2 Tons	35.6 bpa	61.6 bpa	13.8 bpa	.83 Tons
Grade	Good	Good	40.0 lbs. per bu.	#1	55.5 lbs. per bu.	Good

Rotation - 14 Main Field			Year - 1957	
	A	B	C	D
Crop	Oats, GM	Corn, SP	Wheat, DC S. Clover	S. Clover, GM
Variety	Marion	KF - 1	Selkirk	Yellow Blossom

			Yellow Blossom	
Plowing date	---	5-26-57	---	---
Plowing depth	---	4 - 5 inches	---	---
Tillage before seeding	DD 4-25-57	---	DD 4-25-57	---
Seeding date	4-27-57	5-27-57	4-27-57	---
Seeding rate	1 ½ BPA	8 lbs/Acre	1 BPA	---
Seeding, manner	DD Press Drill	2 row planter	DD Press Drill	---
Tillage after seeding	---	Necessary cultivation to control weeds.		---
Harvest date	8-6-57	8-30-57	8-12-57	---
Total pounds	---	9.2 Tons silage	---	---
Straw, pounds	---	---	---	---
Grain, pounds	170 lbs.	---	83 lbs.	---
Yields per acre	53.1 bpa	55.9 bpa	13.8 bpa	—
Grade	38.5 lbs. per bu.	#1	55.5 lbs. per bu.	---

<b>Rotation - 15 Main Field</b>		<b>Year - 1957</b>		
	A	B	C	D
Crop	Wheat, GM	Corn, SP	Oats, DC S. Clover	S. Clover, GM
Variety	Selkirk	KF - 1	Marion Yellow Blossom	Yellow Blossom

Plowing date	---	5 - 26 - 57	---	---
Plowing depth	---	4 - 5 inches	---	---
Tillage before seeding	DF 4 - 25 - 57	---	DD 4 - 25 - 57	---
Seeding date	4 - 26 - 57	5 - 27 - 57	4 - 27 - 57	---
Seeding rate	1 BPA	8 lbs/Acre	1 ½ BPA	---
Seeding, manner	DD Press Drill	2 row planter	DD Press Drill	---
Tillage after seeding		Necessary cultivation to control weeds.		---
Harvest date	8 - 12 - 57	8 - 30 - 57	8 - 6 - 57	---
Total pounds	---	9.8 Tons silage	---	---
Straw, pounds	---	---	---	---
Grain, pounds	128 lb.	---	150 lb.	---
Yields per acre	21.3 bpa	64.1 bpa	46.9 bpa	---
Grade	57.0 lbs. per bu.	#1	37.5 lbs. per bu.	---

Rotation - 16 Main Field			Year - 1957	
	A	B	C	D
Crop	Oats, GM	Corn, SP	Wheat, DC S. Clover	S. Clover, GM
Variety	Marion	KF - 1	Selkirk Yellow Blossom	Yellow Blossom
Plowing date	---	5 - 26 - 57	---	---
Plowing depth	---	4 - 5 inches	---	---
Tillage before seeding	DF 4 - 25 - 57	---	DD 4 - 25 - 57	---
Seeding date	4 - 27 - 57	5 - 27 - 57	4 - 26 - 57	---
Seeding rate	1 ½ BPA	8 lbs/Acre	1 BPA	—
Seeding, manner	DD Press Drill	2 row planter	DD Press Drill	---
Tillage after seeding		Necessary cultivation to control weeds.		---
Harvest date	8 - 6 - 57	8 - 30 - 57	8 - 12 - 57	---
Total pounds	---	8.5 Tons silage	---	---

Straw, pounds	---	---	---	---
Grain, pounds	179 lbs.	---	89 lbs.	---
Yields per acre	55.9 bpa	50.3 bpa	14.8 bpa	---
Grade	38.5 lbs. per bu.	#1	54.5 lbs. per bu.	

Rotation - 17 Main Field		Year - 1957		
	A	B	C	D
Crop	Wheat, GM	Corn, SP	Oats, DC S. Clover	S. Clover, GM
Variety	Selkirk	KF - 1	Marion Yellow Blossom	Yellow Blossom
Plowing date	---	5 - 26 - 57	---	---
Plowing depth	---	4 - 5 inches	---	---
Tillage before seeding	DF 4 - 25 - 57	---	DD 4 - 25 - 57	---
Seeding date	4 - 26 - 57	5 - 27 - 57	4 - 27 - 57	---
Seeding rate	1 BPA	8 lbs/Acre	1 ½ BPA	---

Seeding, manner	DD Press Drill	2 row planter	DD Press drill	---
Tillage after seeding	---	Necessary cultivation to control weeds.	---	---
Harvest date	8 - 12 - 57	8 - 30 - 57	8 - 6 - 57	---
Total pounds	---	8.6 tons silage	---	---
Straw, pounds	---	---	---	---
Grain, pounds	117 lbs.	---	143 lbs.	---
Yields per acre	19.5 bpa	50.9 bpa	44.7 bpa	---
Grade	56.0 lbs. per bu.	#1	40.0 lbs. per bu.	---

Rotation - 18 Main Field		Year - 1957
	A	B
Crop	Corn, SP	Oats, DC
Variety	KF - 1	Marion
Plowing date	5 - 26 - 57	---
Plowing depth	4 - 5 inches	---



Tillage before seeding	---	DD 4 - 25 57
Seeding date	5 - 27 - 57	4 - 27 - 57
Seeding rate	8 lbs/Acre	1 ½ BPA
Seeding manner	2 row planter	DD Press Drill
Tillage after seeding	Necessary cultivation to control weeds.	---
Harvest date	8 - 30 - 57	8 - 6 - 57
Total pounds	9.1 tons silage	---
Straw, pounds	---	---
Grain, pounds	---	117 lbs.
Yields per acre	45.9 bpa	36.6 bpa
Grade	#1	39.0 lbs. per bu.

**Rotation - 18 Main Field**

**Year - 1957**

	C	D
Crop	Wheat, DCF	Corn, SPF
Variety	Selkirk	KF - 1
Plowing date	---	5 - 26 - 57
Plowing depth	---	4 - 5 inches
Tillage before seeding	DD 4 - 25 - 57	---
Seeding date	4 - 26 - 57	5 - 27 - 57
Seeding rate	1 BPA	8 lbs./acre
Seeding manner	DD Press Drill	2 row planter
Tillage after seeding		Necessary cultivation to control weeds.
Harvest date	8 - 12 - 57	8 - 30 - 57
Total pounds	---	4.3 tons silage
Straw, pounds	---	---
Grain, pounds	53 lbs.	---
Yields per		

Yield per acre	8.8 bpa	54.7 bpa
Grade	55.5 lbs. per bu.	#1

Rotation - 19 Main Field		Year - 1957
	A	B
Crop	Wheat, DC ck	Corn, SP ck
Variety	Selkirk	KF - 1
Plowing date	---	5 - 26 - 57
Plowing depth	---	4 - 5 inches
Tillage before seeding	DD 4 - 25 - 57	---
Seeding date	4 - 26 - 57	5 - 27 - 57
Seeding rate	1 BPA	8 lbs/Acre
Seeding manner	DD Press Drill	2 row planter
Tillage after seeding	---	Necessary cultivation to control weeds.
Harvest date	8 - 12 - 57	8 - 30 - 57

Total pounds	---	7.7 tons silage
Straw, pounds	---	
Grain, pounds	57 lbs.	---
Yields per acre	9.5 bpa	47.8 bpa
Grade	55.0 lbs. per bu.	#1

<b>Rotation - 19 Main Field</b>		<b>Year - 1957</b>
	C	D
Crop	Wheat, DCF	Corn, SP
Variety	Selkirk	KF - 1
Plowing date	---	5 - 26 - 57
Plowing depth	---	4 - 5 inches
Tillage before seeding	DD 4 - 25 - 57	---
Seeding date	4 - 26 - 57	5 - 27 - 57
Seeding rate	1 BPA	8 lbs/Acre

Seeding manner	DD Press Drill	2 row planter
Tillage after seeding	---	Necessary cultivation to control weeds.
Harvest date	8 - 12 - 57	8 - 30 - 57
Total pounds	---	8.4 tons silage
Straw, pounds	---	---
Grain, pounds	77 lbs.	---
Yields per acre	12.8 bpa	53.4 bpa
Grade	56.5 lbs. per bu.	#1

Rotation - 31 Main Field			Year - 1957	
	A	B	C	D
Crop	Oats, GM	Corn, SP	Wheat, DC Sweet Clover	S. Clover, GM
Variety	Marion	KF - 1	Selkirk Yellow Blossom	Yellow Blossom

Plowing date	---	5 - 6 - 57	---	---
Plowing depth	---	4 - 5 inches	---	---
Tillage before seeding	DF 4 - 25 - 57	---	DD 4 - 25 - 57	---
Seeding date	4 - 27 - 57	5 - 27 - 57	4 - 26 - 57	---
Seeding rate	1 ½ BPA	8 lbs/Acre	1 BPA	---
Seeding manner	DD Press Drill	2 row planter	DD Press Drill	---
Tillage after seeding	---	Necessary cultivation to control weeds.	---	---
Harvest date	8 - 6 - 57	8 - 30 - 57	8 - 12 - 57	---
Total pounds	---	8.8 tons silage	---	---
Straw, pounds	---	---	---	---
Grain, pounds	202 lbs.	---	74.0 lbs.	---
Yields per acre	63.1 bpa	49.6 bpa	12.3 bpa	---
Grade	34.0 lbs. per bu.	#1	55.0 lbs. per bu.	---

Rotation - 32 Main Field			Year - 1957	
	A	B	C	D
Crop	Wheat, GM	Corn, SP	Oats, DC S. Clover	S. Clover, GM
Variety	Selkirk	KF - 1	Marion Yellow Blossom	Yellow Blossom
Plowing date	---	5 - 26 - 57	4 - 27 - 57	---
Plowing depth	---	4 - 5 inches	---	---
Tillage before seeding	DF 4 - 25 - 57	----	DD 4 - 25 - 57	---
Seeding date	4 - 26 - 57	5 - 27 - 57	4 - 27 - 57	---
Seeding rate	1 BPA	8 lbs/Acre	1 ½ BPA	—
Seeding manner	DD Press Drill	2 row planter	DD Press Drill	---
Tillage after seeding	---	Necessary cultivation to control weeds.		---
Harvest date	8 - 12 - 57	8 - 30 - 57	8 - 6 - 57	---

Total pounds	---	8.8 tons silage	---	---
Straw, pounds	---	---	---	---
Grain, pounds	132 lb	---	139 lbs.	---
Yields per acre	20.3 bpa	33.9 bpa	43.4 bpa	---
Grade	53.0 lbs. per bu.	#1	37.5 lb per bu	---

<b>Rotation - 40 Main Field</b>		<b>Year - 1957</b>
	A	B
Crop	Wheat, DCF	Corn, SPF
Variety	Selkirk	KF - 1
Plowing date	---	5 - 26 - 57
Plowing depth	---	4 - 5 inches
Tillage before seeding	DD 4 - 25 - 57	---
Seeding date	4 - 26 - 57	5 - 27 - 57
Seeding rate	1 BPA	8 lbs/Acre



Seeding manner	DD Press Drill	2 row planter
Tillage after seeding	---	Necessary cultivation to control weeds.
Harvest date	8 - 12 - 57	8 - 30 - 57
Total pounds	---	9.7 tons silage
Straw, pounds	---	---
Grain, pounds	84 lbs.	---
Yields per acre	14.0 bpa	52.2 bpa
Grade	56.5 lbs. per bu.	#1

Rotation - 42 Main Field				Year - 1957		
	A	B	C	D	E	F
Crop	Oats, FP	Corn, SP	Wheat, DC	Alfalfa, DD	Alfalfa Hay	Alfalfa Hay
Variety	Marion	KF - 1	Selkirk	Ladak	Ladak	Ladak
Plowing date	9-25-56	5-26-57	---	---	---	
Plowing depth	4-5 inches	4 - 5 inch.	---	---	---	
Tillage before seeding	DD 4-25-57	---	DD 4-25-57	---	---	

Seeding date	4-27-57	5-27-57	4-26-57	---	---	
Seeding rate	1 ½ BPA	8 lbs/A	1 BPA	---	---	
Seeding manner	DD Press Drill	2 row planter	DD Press Drill	---	---	
Tillage after seeding		Necessary cultivation to control weeds.		---	---	
Harvest date	8-6-57	8-30-57	8-12-57	---	---	7-8-57
Total pounds	---	9.7 tons silage	---	---	---	---
Straw, pounds	---		---	---	---	---
Grain, pounds	148 lbs.	---	112 lbs.	---	---	---
Yields per acre	46.3 bpa	53.4 bpa	18.7 bpa	---	---	.70 Tons
Grade	36.5 lbs. per bu.	#1	56.0 lbs. per bu.	---	---	Good

<b>Rotation - 49 Main Field</b>		<b>Year - 1957</b>
	A	B
Crop	Wheat, DC ck	Corn, SP ck
Variety	Selkirk	KF - 1
Plowing date	---	5 - 26 - 57
Plowing depth	---	4 - 5 inches
Tillage before seeding	DD 4 - 25 - 57	---

Seeding date	4 - 26 - 57	5 - 27 - 57
Seeding rate	1 BPA	8 lbs/Acre
Seeding manner	DD Press Drill	2 row planter
Tillage after seeding	---	Necessary cultivation to control weeds.
Harvest date	8 - 12 - 57	8 - 30 - 57
Total pounds	---	8.2 tons silage
Straw, pounds	---	---
Grain, pounds	81 lbs.	---
Yields per acre	13.5 bpa	50.9 bpa
Grade	56.0 lbs. per bu.	#1

Rotation - 61 Main Field			Year - 1957
	A	B	C
Crop	Oats, SP	Fallow	Wheat, F
Variety	Marion	---	Selkirk

Plowing date	4 - 25 - 57	---	---
Plowing depth	4 - 5 inches	---	---
Tillage before seeding	---	---	DD 4 - 25 - 57
Seeding date	4 - 27 - 57	---	4 - 26 - 57
Seeding rate	1 ½ BPA	---	1 BPA
Seeding manner	DD Press Drill	---	DD Press Drill
Tillage after seeding	---	---	---
Harvest date	8 - 6 - 57	---	8 - 12 - 57
Total pounds	---	---	---
Straw, pounds	---	---	---
Grain, pounds	181 lbs.	---	110 lbs.
Yields per acre	37.0 bpa	---	18.3 bpa
Grade	56.6 lbs. per bu.	---	53.0 lbs. per bu.

<b>Rotation - 62 Main Field</b>	<b>Year - 1957</b>
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	A	B	C
Crop	Oats, SP	Corn, SP Manured	Wheat, FP
Variety	Marion	KF - 1	Selkirk
Plowing date	4 - 25 - 57	5 - 26 - 57	9 - 25 - 56
Plowing depth	4 - 5 inches	4 - 5 inches	4-5 inches
Tillage before seeding	---	---	DD 4 - 25 - 57
Seeding date	4 - 27 - 57	5 - 27 - 57	4 - 26 - 57
Seeding rate	1 ½ BPA	8 lbs/ Acre	1 BPA
Seeding manner	DD Press Drill	2 row planter	DD Press Drill
Tillage after seeding	---	Necessary cultivation to control weeds.	---
Harvest date	8 - 6 - 57	8 - 30 - 57	8 - 12 - 57
Total pounds	---	10.7 tons silage	---
Straw, pounds	---	---	---
Grain, pounds	114 lbs.	---	175 lb.
Yields per acre	35.6 bpa	52.2 bpa	29.2 bpa

Grade	38.5 lbs. per bu.	#1	51.5 lbs. per bu.
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Rotation - 63 Main Field			Year - 1957
	A	B	C
Crop	Oats, SP	Fallow	Wheat, F
Variety	Marion	---	Selkirk
Plowing date	4 - 25 - 57	---	---
Plowing depth	4 - 5 inches	---	---
Tillage before seeding	---	---	DD 4 - 25 - 57
Seeding date	4 - 27 - 57	---	4 - 26 - 57
Seeding rate	1 ½ BPA	---	1 BPA
Seeding manner	DD Press Drill	---	DD Press Drill
Tillage after seeding	---	---	---
Harvest date	8 - 6 - 57	---	8 - 12 - 57
Total pounds	---	---	---
Straw, pounds	---	---	---
Grain			

Grain, pounds	192 lbs	---	114 lbs.
Yields per acre	60.0 bpa	---	19.0 bpa
Grade	37.0 lbs. per bu.	---	57.5 lbs. per bu.

Rotation - 78 Main Field		Year - 1957
	A	B
Crop	Wheat, DCF	Corn, SP
Variety	Selkirk	KF - 1
Plowing date	---	5 - 26 - 57
Plowing depth	---	4 - 5 inches
Tillage before seeding	DD 4 - 25 - 57	---
Seeding date	4 - 26 - 57	5 - 27 - 57
Seeding rate	1 BPA	8 lbs/Acre
Seeding manner	DD Press Drill	2 row planter
Tillage after seeding	---	Necessary cultivation to

Seeding		control weeds.
Harvest date	8 - 12 - 57	8 - 30 - 57
Total pounds	---	9.7 tons silage
Straw, pounds	---	
Grain, pounds	104 lbs.	---
Yields per acre	17.3 bpa	44.6 bpa
Grade	56.0 lbs. per bu.	#1

<b>Rotation - 79 Main Field</b>		<b>Year - 1957</b>
	A	B
Crop	Wheat, DCF	Corn, SPF
Variety	Selkirk	KF - 1
Plowing date	---	5 - 26 - 57
Plowing depth	---	4 - 5 inches
Tillage before seeding	DD 4 - 25 - 57	---
Seeding		



Seeding date	4 - 26 - 57	5 - 27 - 57
Seeding rate	1 BPA	8 lbs/ Acre
Seeding manner	DD Press Drill	2 row planter
Tillage after seeding	---	Necessary cultivation to control weeds.
Harvest date	8 - 12 - 57	8 - 30 - 57
Total pounds	---	10.0 tons silage
Straw, pounds	---	---
Grain, pounds	80 lbs.	---
Yields per acre	13.3 bpa	36.5 bpa
Grade	56.0 lbs. per bu.	#1

<b>Rotation - 242 Main Field</b>		<b>Year - 1957</b>
	A	B
Crop	Wheat, DCF	Corn, SPF
Variety	Selkirk	KF - 1

Plowing date	---	5 - 26 - 57
Plowing depth	---	4 - 5 inches
Tillage before seeding	DD 4 - 25 - 57	---
Seeding date	4 - 26 - 57	5 - 27 - 57
Seeding rate	1 BPA	8 lbs/Acre
Seeding manner	DD Press Drill	2 row planter
Tillage after seeding	---	Necessary cultivation to control weeds.
Harvest date	8 - 12 - 57	8 - 30 - 57
Total pounds	---	11.7 tons silage
Straw, pounds	---	---
Grain, pounds	88 lbs.	---
Yields per acre	14.7 bpa	45.9 bpa
Grade	56.0 lbs. per bu.	#1

<b>Rotation - 245 Main Field</b>		<b>Year - 1957</b>
	A	B
Crop	Wheat, DC ck	Corn, SP ck
Variety	Selkirk	KF - 1
Plowing date	---	5 - 26 - 57
Plowing depth	---	4 - 5 inches
Tillage before seeding	DD 4 - 25 - 57	---
Seeding date	4 - 26 - 57	5 - 27 - 57
Seeding rate	1 BPA	8 lbs/Acre
Seeding manner	DD Press Drill	2 row planter
Tillage after seeding	---	Necessary cultivation to control weeds.
Harvest date	8 - 12 - 57	8 - 30 - 57
Total pounds	---	9.6 tons silage
Straw, pounds	---	---

Grain, pounds	50 lbs.	---
Yields per acre	8.3 bpa	36.5 bpa
Grade	55.5 lbs. per bu.	#1

<b>Rotation - 414 Main Field</b>		<b>Year - 1957</b>
	A	B
Crop	Fallow	Potatoes, F
Variety		Early Gem Russet
Plowing date		5 - 26 - 57
Plowing depth		4 - 5 inches
Tillage before seeding		none
Seeding date		5 - 27 - 57
Seeding rate		10 bu per acre
Seeding manner		Hand planted
Tillage after		cultivation to

seeding		control weeds
Harvest date		10 - 17 - 57
Total pounds		455
Straw, pounds		---
Grain, pounds		---
Yields per acre		76 bu per acre
Grade		US #1

<b>Rotation - 415 Main Field</b>		<b>Year - 1957</b>
	A	B
Crop	Wheat, DD	Potatoes, SP
Variety	Selkirk	Cobbler
Plowing date	---	5 - 26 - 57
Plowing depth	---	4 - 5 inches
Tillage before seeding	DD 4 - 25 - 57	---
Seeding		

Seeding date	4 - 26 - 57	5 - 27 - 57
Seeding rate	1 BPA	10 bpa
Seeding manner	DD Press Drill	Hand planted
Tillage after seeding	---	necessary cultivation to control weeds.
Harvest date	8 - 12 - 57	10 - 17 - 57
Total pounds	---	410
Straw, pounds	---	---
Grain, pounds	100 lbs.	---
Yields per acre	16.7 bpa	68 bu per acre
Grade	54.0 lb. per bu.	US #1

Rotation - Continuous Wheat			Year - 1957	
	A	B	C	D
Crop	Wheat, SP	Wheat, FP	Wheat, F	Fallow
Variety	Selkirk	Selkirk	Selkirk	---

Plowing date	4 - 25 - 57	9 - 25 - 56	---	---
Plowing depth	4 - 5 inches	4 - 5 inches	---	---
Tillage before seeding	---	DD 4 - 25 - 57	DD 4 - 25 - 57	---
Seeding date	4 - 26 - 57	4 - 26 - 57	4 - 26 - 57	---
Seeding rate	1 BPA	1 BPA	1 BPA	---
Seeding manner	DD Press Drill	DD Press Drill	DD Press Drill	---
Tillage after seeding	---	---	---	---
Harvest date	8 - 12 - 57	8 - 12 - 57	8 - 12 - 57	---
Total pounds	---	---	---	---
Straw, pounds	---	---	---	---
Grain, pounds	63 lbs.	83 lbs.	47 lbs.	---
Yields per acre	10.5 bpa	13.8 bpa	7.8 bpa	---
Grade	54.5 lbs. per bu.	55.0 lbs. per bu.	51.0 lbs. per bu.	---

Rotation - Continuous Oats			Year - 1957	
	A	B	C	D
Crop	Oats, SP	Oats, FP	Oats, F	Fallow
Variety	Marion	Marion	Marion	---
Plowing date	4 - 25 - 57	9 - 25 - 57	---	---
Plowing depth	4 - 5 inches	4 - 5 inches	---	---
Tillage before seeding	---	DD 4 - 25 - 57	4 - 25 - 57	---
Seeding date	4 - 27 - 57	4 - 27 - 57	4 - 27 - 57	---
Seeding rate	1 ½ BPA	1 ½ BPA	1 ½ BPA	—
Seeding manner	DD Press Drill	DD Press Drill	DD Press Drill	---
Tillage after seeding	---	---	---	---
Harvest date	8 - 6 - 57	8 - 6 - 57	8 - 6 - 57	---
Total pounds	---	---	---	---
Straw, pounds	---	---	---	---
Grain, pounds	133 lbs.	140 lbs.	108 lbs.	---



Yields per acre	41.6 bpa	43.8 bpa	33.8 bpa	---
Grade	38.0 lbs. per bu.	37.5 lbs. per bu.	34.5 lbs. per bu.	---

Rotation - Continuous Barley			Year - 1957	
	A	B	C	D
Crop	Barley, SP	Barley, FP	Barley, F	Fallow
Variety	Tregal	Tregal	Tregal	---
Plowing date	4 - 25 - 57	9 - 25 - 56	---	---
Plowing depth	4 - 5 inches	4 - 5 inches	---	---
Tillage before seeding	---	DD 4 - 25 - 57	DF 4 - 25 - 57	---
Seeding date	4 - 26 - 57	4 - 26 - 57	4 - 26 - 57	---
Seeding rate	1 1/4 BPA	1 1/4 BPA	1 1/4 BPA	---
Seeding manner	DD Press Drill	DD Press Drill	DD Press Drill	---
Tillage after seeding	---	---	---	---
Harvest date	8 - 8 - 57	8 - 8 - 57	8 - 8 - 57	---

Total pounds	---	---	---	---
Straw, pounds	---	---	---	---
Grain, pounds	55 lbs.	67 lbs.	44 lbs.	---
Yields per acre	11.5 bpa	14.0 bpa	9.2 bpa	---
Grade	44.5 lbs. per bu.	45.5 lbs. per bu.	46.5 lbs. per bu.	---

Rotation - Continuous Corn			Year - 1957	
	A	B	C	D
Crop	Corn, SP	Corn, FP	Corn, F	Fallow
Variety	KF - 1	KF - 1	KF - 1	---
Plowing date	5 - 26 - 57	9 - 25 - 56	---	---
Plowing depth	4 - 5 inches	4 - 5 inches	---	---
Tillage before seeding	---	DD 5 - 26 - 57	DD 5 - 26 - 57	---
Seeding date	5 - 27 - 57	5 - 27 - 57	5 - 27 - 57	---
Seeding rate	8 lbs/ Acre	8 lbs/ Acre	8 lbs/ Acre	---

Seeding manner	2 row planter	2 row planter	2 row planter	---
Tillage after seeding	Necessary cultivation to control weeds.	Necessary cultivation to control weeds.	Necessary cultivation to control weeds.	---
Harvest date	8 - 30 - 57	8 - 30 - 57	8 - 30 - 57	---
Total pounds	4.1 tons silage	3.4 tons silage	6.2 tons silage	---
Straw, pounds	---	---	---	---
Grain, pounds	---	---	---	---
Yields per acre	22.6 bpa	33.9 bpa	41.5 bpa	—
Grade	#1	#1	#1	—