MENNO HERSHBERGER CORN TEST PLOT DATA SHEET -- FAIRBANK, IA

Plot size:	4 acres	Date planted:	5/18/2021
# varieties:	33	Date harvested:	11/2/2021

Field History & Fertility Inputs

Year	Crop	Fertility Notes	Cost/ac
2021	Corn	Manure; Mycorr Plus	$165.00
2020	Soybeans		
2019	Corn		
		TOTAL:	$165.00

Manure: Beef manure (15 T/ac); Liquid hog manure (3000 gal/ac)

MycorrPlus: 128 oz/ac (Cost = $40/ac)

Tillage / Planting

(fuel at $2.71/gal & labor at $17.60/hr)

Date	Tillage tool/ Equipment	Notes	Cost/ac
4/16/2021	moldboard plow		$18.40
4/29/2021	cultimulcher	one pass	$15.05
5/4/2021	disc	one pass	$15.00
5/4/2021	cultimulcher	one pass	$15.05
5/18/2021	planter	33,000 pop; 32" rows	$20.70
		Seed cost/acre ($230/bag)	$94.88
		TOTAL:	$179.08

** Using ISU 2021 Farm Custom Rates **

Weed Control

Date	Method Used	Notes	Cost/ac
5/29/2021	rotary hoe	one pass	$9.90
6/8/2021	cultivator	one pass	$12.45
6/21/2021	cultivator	one pass	$12.45
		TOTAL:	$34.80

Summary of Current Year Input Costs/Acre

Input	Cost/ac
Fertilizer (starter)	$165.00
Tillage & Planting	$179.08
Weed Control	$34.80
Harvesting	$30.00
Rent	$250.00
PLOT INPUT COSTS/ACRE TOTAL:	$658.88

PLOT YIELD AVERAGE	188.4	*(bu/acre)*
x PRICE PER BUSHEL	$9.50	
= GROSS INCOME	$1,789.77	
– PLOT INPUT COSTS/ACRE	$658.88	
=	**$1,130.89**	NET income per acre.

Brand/Variety	RM days	Yield bu/ac	Moist (%)	Test Wt.
Great Harvest 6551	115	198	23	56
Great Harvest 62B3	112	182.9	23.6	55.5
Great Harvest 62E2	112	221.2	22.4	56
Blue River 64K93	111	212.9	22.3	55.5
Den Besten 41-11 OR	111	186.2	23.2	57
Miller M10-54 ORG	110	191.3	22.5	57.5
Blue River 62G22	110	190.4	20.6	52
Kingfisher 60C30	110	177.5	22.3	54.5
Den Besten 41-10 OR	110	192.1	21.9	55.5
Merit 6869	109	169.4	22.1	49.5
Welter 4816	108	175.5	21.9	52.5
Kingfisher 58C30	108	196.3	21.1	55
Viking O.48-08P	108	194.0	19.7	52
Merit 6969	107	172.8	21.5	54
Blue River 57A30	107	193.1	21.3	52.5
Den Besten 41-07 OR	107	203.4	21.2	54
Miller M06-42 ORG	106	181.1	21	49.5
Kingfisher 56C30	106	174.8	21.7	52
Merit 6160	106	191.8	21	53.5
Kussmaul KO 44005	105	200.0	20	55
Cornelius 6561	105	189.3	20.2	55.5
Welter 2482	104	161.2	19.6	53.5
Great Harvest 54F4	104	163.0	21.6	52.5
Foundation 8507	104	206.6	21.8	53
Viking O.51-04GS	104	205.5	20.1	55
Foundation 8500	102	181.2	20.4	55
Viking O.46-02P	102	198.9	18.8	56.6
Welter 2260	102	186.1	20.5	53.0
Kussmaul KO 44001	101	187.2	17.4	55.5
Cornelius ORG 301	100	205.2	18	55
Cornelius ORG 5695	96	213.2	17.6	57
Foundation 8749	95	169.3	19.5	53
Kussmaul KO 55095	95	145.7	19.3	53

PLOT YIELD AVERAGE: **188.4** ***(bu/acre)***