BUCHANAN COUNTY CORN TEST PLOT DATA SHEET

Plot size:	4 acres	Date planted:	5/11/2023
# varieties:	27	Date harvested:	10/9/2023

Field History & Fertility Inputs

Year	Crop	Fertility Notes	Cost/ac
2023	Corn	Manure[1]; Starter fertilizer[2]	$82.00
2022	Pasture	Organical	
2021	Pasture	Organical	
		TOTAL:	$82.00

Manure[1]: 10 ton/ac on-farm manure

Starter Fertilizer[2]: 250 lb/ac CFS Starter (1/2 K, and 1/2 SuperCal SO4)

Tillage / Planting

(fuel at $3.39/gal & labor at $20/hr)

Date	Tillage tool/ Equipment	Notes	Cost/ac
4/17/2023	Moldboard plow		$19.80
4/24/2023	Disc	one pass	$17.55
5/3/2023	Cultimulcher	one pass	$18.25
5/11/2023	Spring Tooth	harrow	$11.25
	planter	30,000 pop; 34" rows	$27.10
		Seed cost/acre ($275/bag)	$103.13
		TOTAL:	$197.08

** Using ISU 2023 Farm Custom Rates **

Weed Control

Date	Method Used	Notes	Cost/ac
5/16/2023	harrow	one pass	$10.95
6/6/2023	cultivator	one pass	$14.05
6/20/2023	cultivator	one pass	$14.05
		TOTAL:	$39.05

Summary of Current Year Input Costs/Acre

Input	Cost/ac
Fertilizer (starter)	$82.00
Tillage & Planting	$197.08
Weed Control	$39.05
Harvesting	$30.00
Rent	$300.00
PLOT INPUT COSTS/ACRE TOTAL:	$648.13

PLOT YIELD AVERAGE	156.2	***(bu/acre)***
x PRICE PER BUSHEL	$8.00	
= GROSS INCOME	$1,249.87	
– PLOT INPUT COSTS/ACRE	$648.13	
=	**$601.74**	**NET income per acre.**

Brand/Variety	RM days	Yield bu/ac	Moist (%)	Test Wt.
Viking 8495	95	173.7	13.6	58
Blue River 38M23	98	175.2	14.3	56.5
Kingfisher 48C90	98	158.4	13.7	55
Great Harvest 52F3	102	156.5	13.9	58
Welter 2260	102	125.8	13.3	53.5
Merit 5345	103	156.7	14.6	55.5
Cornelius ORG 385	103	186.3	14.5	56
Blue River 49M23	103	174.7	16.7	56.6
Kingfisher 54C50	104	165.8	15.3	55
Welter 2482	104	166.1	15.2	55
Cornelius ORG 6578	105	167.4	16	59
Blue River 54C27	105	182.2	16.6	56
Viking 18-06	106	170.1	15.2	58.5
Kingfisher 56C30	106	158.6	16	55
Merit 6969	107	104.9	16.6	56.5
Welter 4816	108	150.9	16	58
Viking 48-08	108	152.8	15.1	55.5
Merit 6869	109	131.8	16.2	55
Great Harvest 5909	109	180.6	18.6	55
Kingfisher 60C30	110	129.1	18.8	56
Den Besten 41-10	110	155.8	18.2	55.5
Den Besten 41-11	111	150.0	19.8	57.5
Blue River 64K93	111	164.0	17.7	56.5
Den Besten 41-12	112	181.2	17.7	55.5
Great Harvest 62E2	112	139.5	19.4	58.5
Blue River 82-14	114	101.1	18.5	54.5
Great Harvest 6551	115	159.1	18	58
PLOT YIELD AVERAGE:		**156.2**		***(bu/acre)***