



The Nation's Leader in Sustainable Agriculture Research & Development, Inc.

CENTRAL ILLINOIS RESEARCH TRIALS

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ILLINOIS CENTRAL COLLEGE

8 Year Reduced Input Trials

Corn Production

	<u>Conventional</u>			<u>Farm For Profit</u>		<u>FFP</u>
	Net Return/Acre	Yield		Net Return/Acre	Yield	Advantage
1992 -	\$220.96	128.8	-	\$247.21	142.7	\$26.25
1993 -	\$215.43	126.8	-	\$267.44	138.5	\$52.01
1994 -	\$241.10	144.3	-	\$196.06	132.5	-\$45.04
1995 -	\$91.00	67.8	-	\$197.00	94.7	\$106.00
1996 -	\$427.27	191.1	-	\$403.91	175.6	-\$23.36
1997 -	\$211.22	121.1	-	\$240.41	117.4	\$29.19
1998 -	\$123.83	121.0	-	\$167.08	123.0	\$43.25
1999 -	<u>\$228.63</u>	173.4	-	<u>\$267.16</u>	173.3	\$38.53
8 Year Totals	\$1,759.44			\$1,986.27		
Average Per Acre	\$219.93	134.3		\$248.28	137.2	

FARM FOR PROFIT ADVANTAGE PER ACRE

\$28.35

FARM FOR PROFIT ADVANTAGE

\$28.35 X 8 Years = \$226.83

500 Acres of Corn per year for 8 years = **\$113,415**

SOIL TEST LEVELS

	<u>Conventional</u>					<u>FFP</u>			
	pH	P1	K	OM		pH	P1	K	OM
1992 -	7.2	16	182	2.3	7.2	16	182	2.3	
1995 -	5.7	39	200	3.2	6.2	43	215	2.8	
1999 -	5.7	25	177	2.6	6.1	33	190	3.2	

FERTILIZER APPLIED

<u>Conventional</u>			<u>FFP</u>		
P205	K20	Cost	P205	K20	Cost
486 -	1068 -	\$279.77	199 -	298 -	\$140.75

** Total lbs. Per Acre applied over 8 years.

Plot Design- Random Replications Six(6) - Corn/Soybean Rotation - Plot Size - Four 36" rows - Length 30'
 Plot Coordinator- Don Jenkins - Illinois Central College - Ag Dept - One College Drive - East Peoria , IL. 61635

Starter Comparison 2000

Ron Kenyon Sparland, Illinois

Corn Production

<u>Check #</u>	<u>Starter</u>	<u>Weight</u>	<u>Moist</u>	<u>Yield</u>
1	Yes	4220 lbs.	14.0%	209.3
2	No	3820 lbs.	14.3%	190.5
3	Yes	3980 lbs.	13.9%	201.9
4	No	3760 lbs.	14.1%	192.8
5	Yes	3800 lbs.	14.2%	195.8
6	No	3580 lbs.	14.1%	189.1

STARTER AVERAGE YIELD: 202.3 BU./A

NO STARTER AVERAGE YIELD: 190.8 BU./A

STARTER ADVANTAGE 11.5 BU./A

STARTER ADVANTAGE \$10.01/A

All weights were recorded at an IL. State Certified Scale - Burroughs Ag Service, Sparland, IL.

Starter: 3 Gallons 3-18-18/A ; 12.8 oz. Agri-Remedy/A ; 1 Pint 9% Zinc/A

Starter Cost: \$16.79/A (3-18-18 \$9.00/A ; Remedy \$6.30/A ; Zinc \$1.49/A)

INPUT PRODUCTS APPLIED TO ALL ACRES

Herbicide: PPI Dual II Magnum 1Pint/A	Post: Marksman 1.5 Pint/A
Step 3 Veg. Oil 2 Pints/A	Step 3 Veg. Oil 1.5 Pint/A
Step 2 Achieve 1 Quart/A	Aatrex 4L 1 Pint/A
	AMS 2lbs. /A

Fertility Applied: 160 Units Nitrogen

Soil Test: pH 6.7 - OM 2.2 - CEC 12 - P1 34 - K 155
% Base Saturation: Ca 65 - Mg 33 - K 2.0 - H 0

Planted: 4/30/2000 12-30" Kinze 2600 - Burris 442 @ 28,000 pop

Harvest Date: 10/21/2000