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Report 6

1922

PRELIMINARY REPORT OF THE COTTONWOOD-JACKSON
STATISTICAL ROUTE - 1922.

Object: The purpose is to collect for the use of interested farmers, the general public and Governmental agencies, dependable information as to farm costs and profits.

How Supported: This work is jointly financed by the University of Minnesota and the U. S. Department of Agriculture.

FACTS ABOUT THE FARMS

	<u>Average</u>	<u>Lowest</u> <u>Twenty-two Farms</u>	<u>Highest</u>
Acres per farm	199	80	320
Crop acres per farm, not including pasture	152	60	270
Hours of proprietor labor per week day	10	5.3	12.3
" " " " " Sunday	4.5	1.	7.2
Hours unpaid labor per day	4.2	0.	12.
Average cost of man labor per hour (including board) - Cents	19	---	---
Acres of crop per work horse (not including pasture)	23.6	11.9	33.0
Hours of labor per horse per year	814	514	1258
Cost of horse labor per hour	.08 $\frac{1}{2}$.05 $\frac{1}{4}$.12 $\frac{3}{4}$
<u>Yields:</u>			
Corn, bushels	30 $\frac{1}{2}$	13 $\frac{1}{2}$	51 $\frac{1}{4}$
Silage, tons	5.9	4 $\frac{1}{4}$	10
Oats, bushels	40 $\frac{3}{4}$	20 $\frac{1}{4}$	65
Tame hay, tons	.9	.45	1.6
<u>Cost per unit:</u>			
Corn, per bushel	.51	.36	.97
Oats, per bushel	.24	.18	.52
Tame hay, per ton	\$ 8.96	\$ 4.60	\$ 18.68
Butterfat, per lb.	.33 $\frac{1}{2}$.23 $\frac{1}{2}$.41 $\frac{1}{2}$
Hogs, per cwt	\$ 5.70	\$ 4.67	\$ 11.36

Notes:

Land rent for corn and small grain figured as 2/5 of the crop. In the case of hay, 1/2 of crop was figured as rent. The yields of corn and silage were lowered by hail on some farms.

AVERAGE RETURNS PER FARM - - WINDOM 1922

RECEIPTS:

Horses	\$32.83
Dairy products	507.26
Cattle	631.87
Swine	1041.32
Poultry	180.81
Sheep	69.91
Crops	412.16
Outside work	68.76
Miscellaneous	<u>39.28</u>

Total

\$ 2984.20

EXPENSES:

Labor	\$ 143.00
Feed	187.41
Crop expense	105.63
Stock expense	316.33
Real Estate	72.73
Machinery	158.12
Interest	259.61
Auto	168.80
Misc. including taxes, insurance etc.	359.37
Rent	<u>32.07</u>

Total

\$1803.07

Excess of cash receipts over cash expenses	\$1181.13
Value of products used in house	231.00
Estimated house rent (12% of \$2000)	<u>240.00</u>

Total income not including decrease in inventory \$1652.13

Decrease of inventory	\$ 524.25
Value of unpaid family labor except operator's time - 1525 hours @ 20¢	<u>305.00</u>

Total

\$ 829.25

Excess income over expenses (Pay for 3326 hrs. of labor of proprietor and interest on investment of \$18,635.18) \$ 822.88

Note:

Ten of the twenty-two farms suffered serious damage to the corn crop from hail.

COST OF OATS PER ACRE -1922

	<u>Ave. of 10 better farms</u>	<u>Av. of twenty- two farms</u>
Man labor	\$ 1.33	\$ 1.24
Horse labor	1.20	1.20
Tractor work	.10	.10
Twine	.26	.23
Seed	1.01	.94
Threshing	1.16	1.00
Manure	.27	.16
Machinery	<u>1.00</u>	<u>1.00</u>
Total except rent	\$ 6.33	\$ 5.87
Yields per acre - bushels	48	41
Tenant's 3/5 share - bushels	29	24 3/5
Cost per bushel - tenant's share	\$.22	\$.24
Labor requirements:		
Man hours	7.0	6.5
Horse labor	14.2	14.2

COST OF CORN PER ACRE - 1922

	<u>Av. of 22 farms</u>
Man labor, 16 hours @ 19¢	\$ 3.04
Horse labor, 38½ hrs. @ 8½¢	3.27
Tractor work	.21
Seed	.22
Manure	.39
Machinery	<u>1.15</u>
Total except rent	\$8.28
Av. yield - bushels	30½
Tenant's 3/5 share - bushels	18 1/3
Cost per bushel - tenant's share	\$.45

Note: Corn yield lowered by hail on 11 of the 22 farms

COST OF PRODUCING PORK PER CWT.

	Av. of 10 Better farms	Av. of 22 farms
Feed Cost	\$ 4.11	\$ 4.46
Labor cost	.65	.70
Interest on average investment in hogs	.27	.28
Other cash items	<u>.26</u>	<u>.26</u>
Total	\$ 5.29	\$ 5.70
Selling price	<u>8.63</u>	<u>7.96</u>
Profit	\$ 3.34	\$ 2.26
No. raised per litter:		
Spring	5.4	4.8
Fall	5.9	6.0

POULTRY RETURNS
(Flock of 127. This Plus Usual No. of Chickens)

RECEIPTS:

Eggs sold and used, 648 doz.	\$ 147.33	
Poultry sold and used	89.54	
Increase of inventory	<u>13.70</u>	
Total		\$ 250.57

EXPENSES:

Feed	\$ 54.85	
Labor	58.60	
Interest on value of flock	9.07	
Misc. cash items	<u>15.83</u>	
Total		\$ 138.35
Net returns		\$ 112.22

Feed and labor requirements for the flock:

Grain, 6521#
Skim milk, 32 cwt.
Hours of labor, 346

Eggs produced per hen - 66

FACTS ABOUT THE DAIRY BUSINESS
(Av. of 6 farms - 9 milk cows per farm)

Yearly Requirements:

Corn and oats, lbs.	1093
Mill feed "	28
Tame hay "	1094
Wild hay "	497
Fodder and stover, lbs.	673
Silage,	4392
Pasture, days	223
Man hours	153
Horse hours	9
Butterfat per cow, "	170
Return per hour of labor	28 ¢

COST AND FEED TO KEEP A HORSE PER YEAR
(22 farms)

Feed,	\$ 45.05
labor,	14.33
Interest	4.66
Depreciation	4.70
Miscellaneous	1.77

Total \$ 70.51

Hours worked 833

Cost per hour .08 $\frac{1}{2}$

Feed Used:

Grain, lbs.	3504
Hay "	4293
Fodder "	68
Pasture, days	76
Man labor, hrs.	75