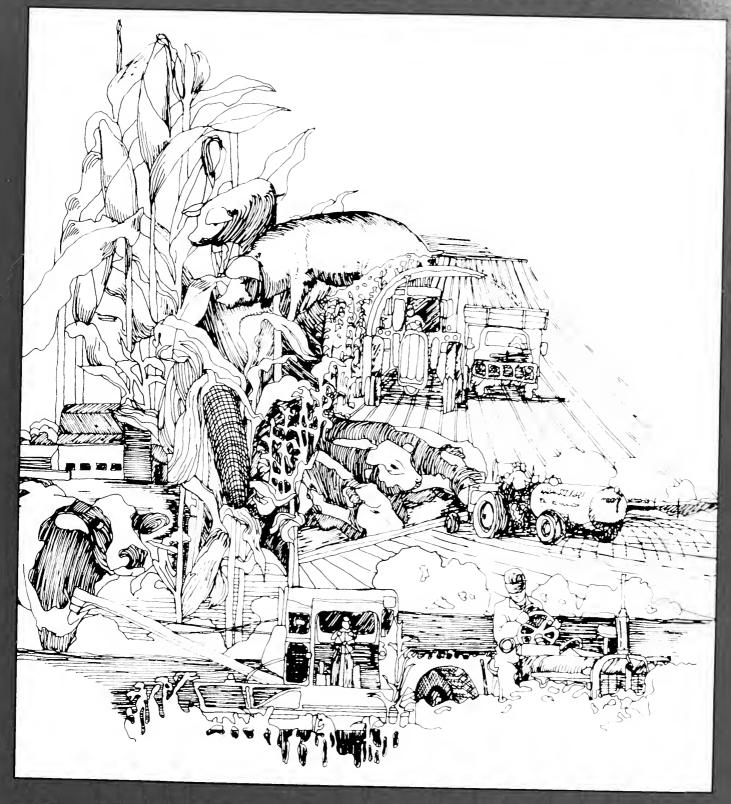
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T994 70th annual summary of Illinois farm business records



COMMERCIAL FARMS: Production / Costs / Income / Investments
university of Illinois at urbana-champaign / College of Agriculture / Cooperative extension service

CIRCULAR 1341

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SOURCE OF DATA

This report is based on data obtained from farm business records on 7,009 Illinois farms. It is the 70th annual summary of such records obtained from farmers cooperating with the University of Illinois Cooperative Extension Service, the Department of Agricultural Economics, and the Illinois Farm Business Farm Management (FBFM) Association.

At present, about one out of every five Illinois commercial farms with over 500 acres or total farm sales over \$100,000 is enrolled in this service, which grew steadily until 1982. Except for 1988, enrollment has declined slightly each year since 1982. One factor contributing to this decline has been the continued decline in the number of farms in the state. In 1995, 10 associations in 102 counties are being served by 66 full-time field staff and one half-time field staff specialist. Participation in this farm-business analysis program is voluntary; cooperating farmers pay a fee for the educational services.

The program's development since 1940 is shown below.

| Year | Associa- tions | Counties partici- pating | Field staff employed | Farmers enrolled |
|------|-------------------|--------------------------------|----------------------------|---------------------|
| 1940 | . 3 | 23 | 3 | 680 |
| 1950 | | 59 | 15 | 2,760 |
| 1960 | | 100 | 33 | 5,494 |
| 1970 | . 10 | 102 | 42 | 6,553 |
| 1980 | . 10 | 102 | 67 | 8,205 |
| 1990 | . 10 | 102 | 70 | 7,192 |

Estimates for 1994 indicate that 90 percent of the 7,009 farms covered in this report are larger than 240 acres. For the most part, this 90 percent falls within the size of business that includes farms selling \$50,000 or more of farm products per year. In the 1992 Census of Agriculture, farms selling \$50,000 or more accounted for 91 percent of all sales from Illinois farms.

The segment of Illinois agriculture that includes farms with more than 180 acres is often referred to as "commercial farming." In 1992, there were 38,895 farms in Illinois with more than 180 acres and with sales of \$10,000 or more. The figures that follow, taken from the 1992 Census of Agriculture, show that these farms represented 75 percent of the 52,198 farms larger than 50 acres and that these farms produced more than 99 percent of the agricultural products sold from Illinois farms.

| Acres | Percent of all | Percent of census farms | Number of farms |
|---------|-------------------|----------------------------|-----------------|
| | farms over | enrolled | enrolled |
| per | | | |
| farm | 50 acres | in FBFM | in FBFM |
| 180-499 | . 38.6 | 9.2 | 1,856 |
| 500-999 | . 24.4 | 18.2 | 2,320 |
| 1,000+ | . 11.5 | 20.8 | 1,244 |

Although most of the 1994 recordkeeping farms covered in this report are within the two smaller size groups, the figures show that they are not distributed proportionately among the groups. There were 5,977 farms identified by the Census with more than 1,000 acres in 1992. About a fifth of these farms (20.8 percent) were enrolled in the Illinois FBFM Association. Of the 12,750 farms in the group having from 500 to 999 acres, 18.2 percent also participated in the farm record program. Only about 5 percent of the farms enrolled had fewer than 160 acres. The average size of all farms enrolled in 1994 was 799 acres, compared with an average of 368 acres for all Illinois farms.

The data presented in this report is the total of operator and landlord income, expenses, and investments in the farm business. The group averages are identified by size of business, type of farm, and quality of soil found on the farm. Where segments of Illinois agriculture are identified by these criteria, the data from recordkeeping farms may be used with reasonable confidence, even though the recordkeeping farms as a group do not represent a cross section of all commercial farms in the state.

USES FOR THIS REPORT

The management of a modern commercial farm involves decision making in the application of technology, the choice of a proper combination of crop and livestock enterprises, and effective business administration of the farming operations. A basic analysis of a farm business involves a careful study of past performance to detect problems and strengths in the farming operation. Also involved is the process of planning and developing future operations to realize the full potential of the land, labor, and capital resources available and to improve the economic efficiency of the farm business.

The farm-business summaries contained in this report are used by individual farmers to analyze their business operations and to develop plans for future farming operations. This report summarizes the information so that specialists involved in agricultural extension, research, teaching, and agribusiness activities may use the data to help them perform their duties effectively. The definition of terms and accounting measures on the following pages will be of assistance in using the data.

The first part of the report (Tables 2, 3, 4, 5, 7, and 8) summarizes selected recent changes in farm income on Illinois farms. It also identifies economic forces and factors that contribute to these changing trends. The data presented in Tables 5 through 8 are the total of operator and landlord data. Some of the data used in the text are drawn from previous issues of this report.

The second section (Tables 9 to 18) presents data on livestock enterprises. The comprehensive and detailed information contained in this section is a valuable resource for anyone interested in livestock production. Because part of the feed grains and roughages produced on Illinois farms is marketed through livestock, the margins of income from livestock enterprises are important in interpreting the economic results of some farming operations.

The third section (Tables 19 to 27a) discusses costs, returns, financial summaries, investments, land use, and crop yields for different sizes and types of farms in northern, central, and southern Illinois. It is the total of operator and landlord data. It reports on the 25 percent of grain farms that received the highest return to management per dollar of cost and the 25 percent that received the lowest return. It also reports on two-man and three-man hog and beef farms. A two-man hog and beef farm uses from 21 to 27 months of labor; a three-man hog and beef farm, from 31 to 39 months.

DEFINITION OF TERMS AND ACCOUNTING METHODS

Soil-productivity rating

This rating is an average index representing the inherent productivity of all tillable land on the farm. Individual soil types on each farm are assigned an index ranging downward from 100. All ratings were revised in 1971 to reflect a basic level of management as outlined in Circular 1156 of the Illinois Cooperative Extension Service, *Soil Productivity in Illinois*. New land values were assigned in 1980. The adjustment of land values brings them to current market levels.

Hay equivalents, tons

To get the equivalents, we took the total of 1.0 multiplied by the pounds of hay, 0.45 multiplied by the pounds of hay silage, 0.33 multiplied by the pounds of corn silage, and 24 multiplied by the pasture days per feed unit (which are also multiplied by the total feed units per cow). This total is then divided by 2,000.

Sampling technique

Data from all records certified usable for analysis by field staff were aggregated by size (acres or number of cows), type of organization, value of the feed fed, and soil-productivity rating. Electronic data-processing was used to summarize the data.

Type of farm

Grain farms are farms where the value of the feed fed was less than 40 percent of the crop returns

and where the value of feed fed to dairy or poultry was not more than a sixth of the crop returns. Since 1973, farms with livestock have been essentially excluded from the sample of grain farms in northern and central Illinois in Table 19; since 1978, from the grain-farm sample in Table 20; and since 1982, from the grain-farm sample in Table 5.

Hog or beef farms are farms where the value of feed fed was more than 40 percent of the crop returns and where either the hog or beef-cattle enterprise received more than half of the value of feed fed.

Dairy farms are farms where the value of feed fed was more than 40 percent of the crop returns and where the dairy enterprise received more than one-third of the value of feed fed.

Cost items

The value of feed fed includes on-the-farm grains with the following average prices per bushel: corn, \$2.44; oats, \$1.43; and wheat, \$3.23. Commercial feeds were priced at actual cost, hay and silage at farm values, and pasture at 40 cents per animal unit per pasture day. A pasture day represents an intake of about 20 to 25 pounds of dry matter, defined as 16 pounds of total digestible nutrients (TDN) from the pasture used.

Cash operating expenses include the annual cash outlays for these nondepreciable items: fertilizer, pesticides; seeds (including homegrown seeds); machinery repairs; machine hire and lease; fuel and oil; the farm share of electricity, telephone, and light vehicle expenses; building repairs; drying and storage; hired labor; livestock expenses; taxes; insurance; and miscellaneous expenses. Purchased feed, grain, and livestock are not included because they have been deducted from gross receipts in computing the value of farm production. The interest paid is not included because an interest charge is made on the total farm investment. But the total interest paid by the operator only on all debt-operating debt plus longer-term debt—is listed separately in Tables 19a to 27a under "Some costs and returns per tillable acre."

Machinery and equipment include depreciation; repairs; machine hire and lease; fuel and oil; and the farm share of electricity, telephone, and light vehicle expenses.

Labor includes hired labor plus family and operator's labor, charged in 1994 at \$1,675 a month.

Interest on nonland capital covers the interest charged at 7 percent on the sum of one-half the average of the January 1 and December 31 inventory values of grain, plus the average of the January 1 and December 31 inventories of remaining capital investment in livestock, machinery and light vehicles, buildings, and soil fertility, plus one-half the cash-operating expense, exclusive of interest paid. In Tables 5, 7, and 8, this charge is combined with the land charge or net rent and labeled interest charge

on capital. The average cash interest paid per farm by all farm operators was \$13,522. Details on operator and landlord shares of expenses and income are published periodically in research reports by the Department of Agricultural Economics.

Land charge or net rent is the bare land priced at current land values multiplied by 4.5 percent to reflect

net rents received by the landlord.

Total nonfeed costs include cash-operating expenses, adjustments for accrued expenses and farm-produced inputs, depreciation, and charges for unpaid labor and interest including land charge. Purchased feeds and livestock are omitted.

The basic value of land (the current basis) is adjusted each year according to the February index of land prices in Illinois as reported by the United States Department of Agriculture (USDA). An additional adjustment was made to this index in 1984 to reflect the large drop in land values. The land value index for 1994, using a base earning value of 1979 = 100, was 77.

The capital account adjustment includes the gain or loss on capital items sold less any amortization deduction.

Return items

Crop returns are the sum of grain, seed, and feed sales; the value of homegrown seed used; the value of all feed fed (except milk); government-deficiency and diverted-acre payments received and accrued; and the change in value for feed and grain inventories, less the value of feed and grain purchased. Government PIK (payment in kind) certificates purchased to redeem grain under government loan are included in the feed-and-grain purchase account.

The total value of farm production is the cash and accrued value of sales of products and services, less the cost of purchased feed, grain, and livestock, plus the change in inventory values for grain and livestock,

plus the value of farm products used.

Net farm income is the value of farm production, less total operating expenses and depreciation, plus gain or loss on machinery or buildings sold. Net farm income includes the return to the farm and family for unpaid labor, the interest on all invested capital, and the returns to management.

Labor and management income per operator is total net farm income, less the value of family labor and the interest—including net rent—charged on all capital invested. This figure, as the residual return to all unpaid operators' labor and management efforts, is then divided by the months of unpaid operator labor and multiplied by 12 to reflect income for one operator on multiple-operator farms.

Capital and management earnings are net farm

income, less a charge for all unpaid labor.

Management return is the residual surplus after a

charge for unpaid labor and the interest or land charge on capital are deducted from net farm income.

The rate earned on investment is capital and management earnings—interest on all capital and land charge, plus management returns—per \$100 of the total farm average annual investment.

RECENT CHANGES IN INCOME ON ILLINOIS FARMS

Farm business trends in 1994

Illinois agriculture is based largely on crop production, especially corn and soybeans. In 1994, Illinois ranked second in the nation in the production of soybeans and of corn. The total value of corn and soybeans produced on Illinois farms was 18 percent of the total U.S. production for these crops. In 1993, the total value was 69 percent of the total value of production in Illinois from all crops and livestock and 89 percent of the value of production from all crops produced.

Crops. Year-to-year variations in net income are related to crop yields, grain prices, and acres in high cash-value crops. Corn and soybean yields were both higher than the records set in previous years. In 1994, the average corn yield for Illinois was 156 bushels per acre, 7 bushels above the 1992 record high yield. Recordkeeping farms averaged 162 bushels per acre in 1994, 8 bushels above the 1992 yield. Soybean yields were 46 bushels per acre in 1994, 3 bushels above the record set in 1992. Recordkeeping farms averaged 50 bushels per acre in 1994. Crop yields on the 7,009 recordkeeping farms covered in this report averaged 4 to 9 percent above the average for all Illinois farms reported by the Illinois Crop

Reporting Service.

This was the 3rd year that crop sales have been divided between old and new crop sales. The prices received for old crop soybeans sold during the year averaged 30 to 36 cents per bushel above 1993 prices (Table 1). Old crop corn prices received in 1994 averaged 28 cents more than those received in 1993. The price received for new crop corn averaged 19 to 21 cents lower than the year before, and the price received for new crop soybeans averaged 59 to 66 cents lower. Wheat sold for 21 to 23 cents more per bushel during the year. Crops under loan with the Commodity Credit Corporation (CCC) and forfeited at the end of the loan period are included as grain sales. The selling price would be the loan rate for that particular crop. Negative marketing margins on old-crop corn inventoried at the beginning of the year averaged about 29 cents. The average price received for old-crop soybeans was 45 cents below the beginning-of-year inventory price. The year-end, new-crop corn inventory price was 65 cents lower

Table 1. Average Prices Received and Paid by Farm Recordkeepers for Grain, Livestock, and Milk

| | 19 | 94 | 19 | 93 | |
|--|----------------------|----------------------|----------------------|----------------------|--|
| | Northern Illinois | Southern Illinois | Northern Illinois | Southern Illinois | |
| Grain prices per bus | | | | | |
| Purchased — corn Sold — corn, | | \$2.33 | \$2.26 | \$2.33 | |
| old crop corn, | 2.46 | 2.47 | 2.18 | 2.19 | |
| new crop soybeans, | 2.15 | 2.11 | 2.36 | 2.30 | |
| old crop soybeans, | 6.36 | 6.23 | 6.00 | 5.93 | |
| new crop wheat | | 5.46 3.08 | 6.27 2.73 | 6.12 2.87 | |
| Livestock prices per | | | | | |
| Hogs, all weights Fed cattle, all | \$39 | 9.79 | \$45.63 | | |
| weights Feeder cattle, all weights, prices | 66 | 5.82 | 75 | 5.59 | |
| paid Dairy cattle, all | 77 | 7.54 | 85 | 5.85 | |
| weights | 52 | 2.33 | 59 | 9.53 | |
| all weights | 64 | 1.73 | 50 | 0.78 | |
| Milk per cwt | 12 | 2.94 | 12 | 2.53 | |

than it was the year before, and the year-end, new-crop soybean inventory price was \$1.25 lower.

Production of the major crops in 1994 was considerably higher than in 1993. Compared to 1993, corn production was up 37 percent; soybean production was up 13 percent; oat production was up 20 percent; grain sorghum production was up 2 percent. Wheat production was down 26 percent due to the large number of acres abandoned because of poor stands and winterkill. The average yield of 56 bushels per acre was 12 bushels above the previous year's average. Hay production was down 23 percent. The Illinois 1994 All Crop Production Index, using a base value of 1977 = 100, was 137, up from 110 in 1993. Acreages of corn harvested for grain was up 15 percent from 1993 to 1994, while soybean acreage was up 6 percent from 1993. Wheat acreage harvested for grain decreased 42 percent. Farmers abandoned only 22 percent of the acres planted compared to 7 percent not harvested the year before.

The 1994 growing season came to an end with surprisingly good results despite dry conditions during July and early August. Ample soil moisture and below normal temperatures during this time period offset the lack of rainfall and prevented much stress on the crops. Corn planting began about 2 weeks ahead of schedule. Planting was behind in the southern part of the state due to excessive rainfall until the last 2 weeks in May.

Conditions were dry until late June and early July across most areas of the state when timely rainfalls were received. Only the far north received adequate

rainfalls during August and most of September. The crop matured ahead of a mid-October frost despite a cool growing season because of the early planting. Harvest progressed behind the 5-year average due to frequent showers. Harvest was near completion by the middle of November.

Soybean planting got off to an early start with some fields planted by the 1st week of April. Planting continued at about the normal rate, with almost all soybeans planted by the 2nd and 3rd week of June. The less than normal precipitation had little effect on the crop due to the cooler than normal temperatures. Soybean harvest progressed ahead of schedule, with most of the crop harvested by the end of October.

Livestock. A second major determinant in farm income is the price farmers receive for livestock and livestock products. In 1994, the average prices received by farm recordkeepers in the Illinois FBFM Association were 13 percent lower for hogs, 12 percent lower for fed cattle, and 3 percent higher for milk than they were in 1993 (Table 1). The prices paid for all weights of feeder cattle and feeder pigs averaged 10 percent below the 1993 price for feeder cattle and 18 percent below the 1993 price for feeder pigs. Lower slaughter cattle prices and year-end inventory values caused returns above feed and purchased animals for the feeder-cattle enterprise to decrease from \$17.10 per hundredweight produced to \$5.66 (Table 10). Lower hog prices decreased returns above feed cost from \$18.76 per hundredweight produced to \$9.77. Returns above feed were below the 5-year average for 1990 through 1994 by \$8.19 per hundredweight produced. Higher milk prices in 1994 made dairy returns above feed cost per cow increase from \$1,178 in 1993 to \$1,270 in 1994 but almost equal the returns for the 5-year period from 1990 through 1994.

Labor and management income

The average operator's share of labor and management income for the 5-year period from 1990 through 1994 on all northern Illinois recordkeeping farms (located north of a line from Kankakee to Moline) was \$23,531 (Table 2). Operators on 1,600 grain and hog farms in central Illinois had 5-year average earnings of \$33,654. Central Illinois occupies the area between the Kankakee-Moline line in the north and the Mattoon-Alton line in the south. Smaller farms and variable soil quality in northern Illinois have generated smaller earnings from crops. The farms in northern Illinois typically average 5 to 10 percent lower crop yields than those in central Illinois.

Northern Illinois has a heavier concentration of livestock, which, except for dairy, had lower earnings in 1994 compared to 1993. The difference in earnings between central and northern Illinois decreased by \$1,003 in a comparison of the 5-year averages for the periods from 1989 through 1993 and from 1990

Table 2. Operator's 5-Year Average Share of Labor and Management Income by Size and Type of Farm, 1990 Through 1994

| | Nur | mber of acr | es per farm | 1 |
|--------------------------------|--------------|---------------|-------------|----------|
| | Under 340 | 340 to 649 | 650+ | All |
| | | Northern | Illinois | |
| Acres of tillable | 246 | 493 | 986 | 626 |
| Labor and managem | | | | 020 |
| | | | | *** |
| Grain | \$ 8,194 | \$21,120 | \$39,068 | \$28,234 |
| Hog | 11,420 | 23,344 | 29,234 | 19,519 |
| Beefa | 1,866 | 4,904 | 16,065 | 7,270 |
| Dairy | 13,863 | 21,485 | d | 16,536 |
| All | 10,308 | 19,992 | 36,617 | 23,531 |
| | | Central II | llinois | |
| Acres of tillable | | | | |
| land | 286 | 512 | 996 | 746 |
| Labor and managem | ent earning | gs by type | of farm | |
| Grain ^b | \$12,892 | \$27,649 | \$49,158 | \$38,016 |
| Grain ^c | 6,792 | 20,011 | 37,357 | 29,000 |
| | 16,120 | 22,653 | 44,850 | 28,225 |
| Hog | 12,174 | 24,238 | 44,333 | 33,654 |
| | | Southern | Illinois | |
| Acres of tillable | | | | |
| land | 268 | 602 | 1,407 | 816 |
| Labor and managem | ent earning | s by type | of farm | |
| Grain | \$ 8,832 | \$13,403 | \$29.867 | \$22,840 |
| Hog | 6,787 | 26,795 | d | 21,049 |
| Dairy | 26,332 | 30,939 | , , , , q | 28,650 |
| All | 13,265 | 19,858 | 29,867 | 23,096 |
| / W | 10,200 | 10,000 | 20,007 | 20,030 |
| A to at value annual title ata | | | | |

Includes central Illinois.
 Highly productive soils with soil-productivity ratings from 86 to 100.
 Heavy-till and transition soils with soil-productivity ratings from 56 to 85.

d Data not available.

through 1994. The northern Illinois area in general had better growing conditions than central and southern Illinois due to more rainfall during the summer, resulting in comparably good yields. The recordkeeping farms in northern Illinois averaged 626 tillable acres per farm, compared with an average of 746 tillable acres on farms in central Illinois.

The figure for labor and management income varies considerably, depending on the location and type of farm. For the period from 1990 through 1994, operators in southern Illinois averaged \$23,096 for labor and management. This average decreased by \$3,951, compared with the average for the 5-year period from 1989 through 1993. When the average earnings for the 5-year period from 1990 through 1994 are compared with the earnings from 1989 through 1993, earnings increased in northern Illinois, decreased slightly in the central part of the state, and decreased in southern Illinois. The average for the 5-year period from 1990 through 1994 increased 3 percent in northern Illinois, decreased 1 percent in central Illinois, and 15 percent in southern Illinois, as compared to the 1989 through 1993 5-year period.

In 1994, the labor and management income for all areas of Illinois averaged \$22,315 per farm. This figure is \$12,410 below the 1993 state average. Returns averaged \$4,567 below the average for the 5-year period 1990 through 1994. Record high corn and soybean yields were offset by lower grain prices, higher costs, and a significant drop in earnings on hog and beef farms. The average corn yield on all farms in the study was 163 bushels per acre, 10 bushels per acre higher than the record yield of 153 bushels per acre recorded in 1992. Soybean yields averaged 50 bushels per acre, 4 bushels higher than the record high 46 bushels per acre set in 1985 and 1992. Although yields were at record high levels, crop returns averaged \$330 per tillable acre, which was only \$1 per acre higher than the 1993 crop returns. Returns for hog and beef producers in 1994 were significantly lower than 1993 returns, while returns to dairy producers were higher. Farm earnings were highest in the northern and central areas of the state and lowest in southern Illinois.

The income or salary of the farm operator whether tenant or part-owner—is the return for the labor and management provided by the operator. The level of income received is a measure of overall farming efficiency and includes compensation for the risk involved. The income includes the operator's gross sales and the net change in inventory. This income is reduced by operating expenses, depreciation, a charge for unpaid family labor, 7 percent interest on nonland investment, and a land-use charge equivalent to the average net rent received by landowners for crop-share leases from 1990 to 1993.

Whenever the income figures in Table 2 fall below the amounts required for living expenses and income and Social Security taxes, operators must use the charges deducted for interest on equity capital to pay these expenses. If we assume that \$35,000 is needed to pay living expenses and income and Social Security taxes, these figures for 5-year average, labor and management income indicate that to pay these expenses, the average farm operator's family uses between \$0 and \$28,000 of the return for equity capital, depending on the location and type of farm. Using part of the return to equity to pay family living expenses indicates that the farm operator is not receiving a competitive return for either his labor and management or his equity in the business. Offfarm income could be used to pay for some of the family living expenses.

Family living expenditures

Total cash living expenditures for a sample of 540 central Illinois, sole-proprietor, farm-operator families in 1994 averaged \$36,079 (Table 3). This figure is 2 percent higher than the 1993 average. Capital purchases for family living expenses of \$5,143 include the family's share of the auto, plus items that exceed \$250 and will last more than 1 year. Capital purchases for family living were 12 percent of the total cash outlay for all family living expenditures in 1994.

Table 3. Average Sources and Uses of Funds Over a 4-Year Period and by Noncapital Living Expenses for Selected Illinois Farms

| | | All records, av | erage per farm | | Family of 3 | to 5, 1994ª |
|---|---|---|--|--|---|---|
| | 1994 | 1993 | 1992 | 1991 | High-third | Low-third |
| Number of farms | 540 | 467 | 452 | 456 | 107 | 107 |
| Tillable acres farmed | 503,589 | 746 125 \$432,768 450,325 220,410 223,353 | 755 132 \$426,539 450,722 218,402 229,076 | 731 131 \$381,588 383,283 198,764 202,708 | 1,027 142 \$579,418 599,691 300,641 340,431 | 683 102 \$396,810 411,011 191,141 220,947 |
| Net farm income | \$ 41,242 | \$ 55,731 | \$ 55,759 | \$ 30,596 | \$ 59,876 | \$ 29,611 |
| Source of dollars Net nonfarm income | 165,931 217,181 | \$ 13,122 135,712 220,045 \$368,879 | \$ 12,166 144,676 193,259 \$350,101 | \$ 12,226 118,446 177,832 \$308,504 | \$ 16,519 251,954 283,429 \$551,902 | \$ 13,360 126,774 194,007 \$334,141 |
| Use of dollars Interest paid Cash operating expenses Capital farm purchases Payments on principal Income and Social Security taxes Net new savings and investment Total living expenses Living — capital purchases Total uses | \$ 13,004 146,795 30,301 137,948 12,487 14,921 \$ 36,079 5,143 | \$ 14,121 139,570 26,946 135,090 10,504 2,427 \$ 35,225 4,996 \$368,879 | \$ 16,006 125,392 19,867 134,566 10,172 5,017 \$ 34,336 4,748 | \$ 15,550 111,037 22,829 113,510 11,326 -2,646 \$ 32,480 4,418 \$308,504 | \$ 17,679 187,583 39,403 210,869 15,783 21,322 \$ 53,292 5,971 | \$ 11,081 137,635 28,914 97,971 8,884 20,618 \$ 23,995 5,043 |

The average farmer in this sample paid \$13,004 in interest in 1994 on operating, machinery, and longterm real estate debts. This interest expense was 8 percent of total operating expenses (including interest paid) and 6 percent of total farm receipts, or \$17 per tillable acre farmed in 1994. The average amount of interest paid in 1994 was \$1,117 less than the amount paid in 1993. This is the second time in 6 years that the amount of interest paid was less than the amount paid in the previous year.

The most significant financial facts about 1994 are as follows:

- Net farm income, plus net nonfarm income, was only \$1,099 more than the sum of family living capital purchases, total living expenses, and payments for income and Social Security taxes. This was the lowest margin since 1991 and the second lowest since 1988;
- Liabilities of \$247,748 as of December 31, 1994, were 49 cents for each dollar of farm-only assets, including land at current value and machinery at depreciated value. The 49 cents was the lowest liability for each dollar of any year in the last decade;
- Capital purchases of \$30,301, averaging \$39 per tillable acre, were the highest for any year during the last decade. That compared to \$26 per tillable acre in 1992 and \$36 in 1993;
- The amount of money borrowed exceeded principal payments for the 6th year in a row, after 3 years in which principal payments exceeded money bor-
- The amount of noncapital living expenses per till-

- able acre farmed was \$47, the same as 1993, and the highest amount in recent years;
- Income and Social Security taxes paid increased by \$1,983, and the total amount of taxes paid, \$12,487, was the largest amount since this study began;
- Medical expenses averaged over \$5,000 for the 3rd year in a row. Since 1989, medical expenses have increased \$1,211 or 31 percent.

The 1994 records from three- to five-member families were sorted into high one-third and low onethird groups according to the family's total living expenses (Table 3). The total cash living expenses for the high-third group averaged \$53,292, compared with \$23,995 for the low-third group. The high-third group farmed 344 more acres than the other group and owned 14 percent of the land farmed; the lowthird group owned 15 percent of the land farmed. The results indicate that the high-third group had more nonfarm taxable income. The high-third group had 54 percent more outstanding debt and a higher net farm income. When net farm income is added to net nonfarm income, and total family living expenses—including capital purchases for family living-and payments for income and Social Security tax are subtracted, the low one-third group had \$3,700 more dollars remaining than the high onethird group.

Living expenses included cash expenditures for food, operating expenses, clothing, personal items, recreation, entertainment, education, transportation, life insurance, contributions, and medical expenses.

 ^a Records were sorted into thirds according to total noncapital living expenses.
 ^b Modified-cost basis, except the land value, which was held at the same current value for January 1 and December 31.

The sample of 540 farms contained 28 more tillable acres than the average of all the recordkeeping farms in the state. Management was also considered slightly above average. In view of these factors, average total living expenses for all recordkeeping families (excluding capital purchases) are estimated to be between \$28,000 and \$30,000 or 15 to 20 percent below the average total living expenses of these 540 central Illinois farms. When the \$13,566 net nonfarm income for 1994 is used for living expenses, the remaining \$27,656 must be generated from the farm business to pay the \$41,222 used for total living expenses, including family living capital purchases. The figure, \$27,656, amounts to \$36 per tillable acre farmed.

Income changes on Illinois farms

The average operator's net farm income for all farms in 1994 was \$40,198; it was \$54,146 in 1993 (Table 4). Operator net farm incomes decrease steadily as a higher percent of gross farm returns is used to pay interest. On the average, when more than 25 to 30 percent of gross farm returns is used to pay interest, the operator's net farm income is usually negative. Interest paid as a part of gross farm returns for all operators averaged 6.7 percent in 1994; 6.9 percent in 1993; 7.9 in 1992; 9.9 in 1991; and 8.8 in 1990.

Comparative costs and returns between years and among major types of farming operations in northern and central, and in southern Illinois are reported in Tables 5, 7, and 8. The separation of farms into northern and central, and southern Illinois is based on soil-type regions that divide the state approximately on an east-west line from Mattoon to Alton. The sample consisted of grain, hog, beef, and dairy farms having between 340 and 799 acres or an average of 574 acres. Labor available on farms of this size averaged 13 months on grain farms, 23 months on hog farms, 18 months on beef farms, and 27 months on dairy farms. The data in the tables are presented as if the farms were all owner operated. For leased farms, the landlord and tenant shares of the business were combined. Depending on the location, between 55 and 75 percent of the land in Illinois is tenant operated, primarily under crop-share, some cash-rent, and a small number of livestock-share leases.

Size of farm, type of farm, quality of soil, and managerial inputs have been held reasonably constant by the sampling procedure used in selecting farms within each category. Variations among figures for 1993, 1994, and the 5-year average are due to changes in farm prices and to costs, weather, and internal farming adjustments. The data in Tables 5, 7, and 8 are particularly helpful for comparing types of farming and for evaluating changes in farm costs and returns for a particular size and kind of farm. The data do not reflect overall farming adjustments due

to the enlargement of farms or to major changes in the use of resources.

The figure for net farm income comprises returns to the farm family for all unpaid labor, interest on all invested capital, and the managerial inputs used in farming. Changes in the value of farm inventories and that of consumed farm products are included as income. Net farm income is calculated by accounting methods comparable to the accrual method used in calculating taxable farm income for the federal income tax. Two important differences in the accrual method of income tax accounting should be noted: the provision for capital gains on livestock sales, which was in effect until 1987, and the inclusion of interest paid as a farm expense. The operator's share of net farm income, which is listed below total net farm income in many tables, does have the interest expense deducted from it.

The figures for net farm income are the amount available from the farm business for living costs, income and Social Security taxes, debts, new investments, and savings. Interest must also be paid from total net farm income, but not the operator's share because it has already been subtracted. New capital investments for the farm business have been included with total cash expenditures. Although the cash balance reflects the cash position of the farm business, the figure is influenced by purchases and sales of feed and livestock and by changes in liabilities and borrowed funds.

The investment per farm is established as an average of the investments in farm inventory on January 1 and December 31. Physical quantities of grain and livestock are valued at farm market prices. Machinery, buildings, and soil fertility are valued at the remaining capital cost: original cost less depreciation as allowed for income tax deductions to date. Land is priced at current values, with the same value used for the beginning- and end-of-year land inventories. A base land value is established for each farm on the basis of a soil-productivity rating adjusted to a current value each year by using the February index of land prices in Illinois. The procedure used for adjusting the land value is described in the definitions of soil-productivity rating and of the value of land (the current basis) on pages 2 and 3. The annual change in land values represents an adjustment in accounting to bring land values to current market levels. The land adjustment index for 1994 was 10 percent above the index used in 1993.

Northern and central Illinois farms

Grain farms. The net farm income for northern and central Illinois grain farms having 340 to 799 acres and no livestock averaged \$96,654 in 1994, with the operator's and landlord's shares combined (Table 5). This income was \$3,547 below that of 1993 and \$7,312 above the 5-year average income

Table 4. Percent of Illinois Farms and Operator Net Farm Income by Interest Paid As a Percent of Gross Farm Returns, 1990 Through 1994

| | Interest paid as a percent of gross farm returns | | | | | | | | | | |
|------------------|--|----------|----------|----------|----------|----------|-----------|----------|--|--|--|
| | Under 10 | 10-14.9 | 15-19.9 | 20-24.9 | 25-29.9 | 30-34.9 | 35+ | All | | | |
| Percent of farms | | | | | | | | | | | |
| 1990 | 65 | 16 | 9 | 5 | 3 | 1 | 1 | 100 | | | |
| 1991 | 59 | 16 | 10 | 6 | 4 | 2 | 3 | 100 | | | |
| 1992 | 69 | 16 | 7 | 4 | 2 | 1 | 1 | 100 | | | |
| 1993 | 74 | 14 | 6 | 3 | 1 | 1 | 1 | 100 | | | |
| 1994 | 76 | 14 | 5 | 2 | 1 | 1 | 1 | 100 | | | |
| Net farm income | | | | | | | | | | | |
| 1990 | \$56,786 | \$41,803 | \$34,008 | \$27,946 | \$19,210 | \$ 5,407 | \$-13,768 | \$48,211 | | | |
| 1991 | 36,437 | 21,663 | 12,110 | 3,850 | 95 | -6,907 | -30,034 | 25,502 | | | |
| 1992 | 60,758 | 50,713 | 35,264 | 28,201 | 11,267 | 7,738 | -19,068 | 54,097 | | | |
| 1993 | 62,098 | 42,447 | 25,620 | 21,276 | 10,220 | -16,615 | -23,054 | 54,146 | | | |
| 1994 | 46,980 | 28,256 | 16,971 | 3,094 | -8,605 | -16,565 | -39,203 | 40,198 | | | |

from 1990 through 1994. This income was the third highest of any during the last decade. The highest was in 1993. The value of farm production was also the highest of any of the last 10 years, increasing by \$4,042 compared to 1993. The value of farm production, which averaged over \$200,000 for the second time, increased due to a \$5,641 increase in inventory value and a \$9,964 increase in accounts receivable, which is mainly ASCS deficiency payments due. Net cash operating income decreased by \$9,970. Total operating expenses increased by \$3,947. Depreciation expense increased from \$15,358 in 1993 to \$16,014 in 1994. This 4 percent increase followed a 41 percent increase in 1993—the highest amount of depreciation expense on these farms since 1986.

The main factor causing incomes on northern and central Illinois grain farms to remain above the 5-year average was excellent corn and soybean yields. The average soybean yield on these farms in 1994 was 52 bushels per acre, compared to 47 bushels the previous year. The average corn yield was 175 bushels per acre, compared to 140 the previous year. Corn was inventoried 65 cents lower at the end of 1994 compared to the beginning, while soybeans were inventoried \$1.25 lower. As a result of the good yields, the value of grain inventories on these farms increased \$5,641 at the end of the year as compared to the beginning. The increase in accounts receivable was due to an increase in accrued deficiency payments from the government farm program. Most farmers continue to participate in the government farm program, which did not require them to set aside any of their corn base in 1994.

The average price received in 1994 for new crop corn and soybeans was lower than that of the previous year. However, the average price received for old crop corn and soybeans was slightly higher than the inventory price at the beginning of the year. However, there was still a negative marketing margin for corn and soybeans. Capital purchases of \$18,799 in 1994 were \$623 more than in 1993 and \$2,706 above the 1990 through 1994 average. They were at the highest

level for this group of farms for any year during the last decade.

While accrual net farm incomes decreased only \$3,547, net cash incomes decreased \$14,989. A major reason for the difference is due to a large net cash operating income decrease, which affects only the cash income. Management returns were \$6,685, \$11,398 less than in 1993, \$1,695 lower than the 1990 through 1994 5-year average, and the second lowest since 1989. The last 5-year average is \$8,380. The rate earned on investment was 5.18 percent, compared with 6.10 percent in 1993 and the last 5-year average rate of 5.43 percent. This rate earned on investment for grain farms was the second highest rate earned in 1994 for any type of farm.

A study of the cost to grow corn and soybeans on central Illinois farms is summarized in Table 6. These farms had a soil-productivity index ranging from 86 to 100. The farms used 98 percent of their tillable land to grow corn and soybeans, with 51.0 percent of the acres in corn and 47.3 percent in soybeans. The table compares 1994 costs per acre with 1993 costs. In 1994, the total cost per acre averaged \$384 for corn and \$312 for soybeans. From 1993 to 1994, it increased 5 percent for corn and 4 percent for soybeans.

Nonland costs of \$1.37 per bushel for corn and \$3.40 for soybeans in 1994 are the most relevant costs for continuing production in the short run, especially where land is free of debt. Total costs to produce a bushel of corn and soybeans decreased from 1993 to 1994, due to higher yields per acre. Total costs per bushel decreased 31 cents for corn and 12 cents for soybeans. If the 1994 yields had been 160 for corn and 49 for soybeans or the same as the average for the period from 1991 through 1994, the total cost per bushel would have been \$2.40 for corn and \$6.37 for soybeans. These costs do not include a charge for management.

The cost of fertility for soybeans was allocated on the basis of phosphorus, potassium, and lime removals, with the residual allocated to corn. The

Table 5. Averages for Selected Total Farm Items on 340- to 799-Acre Northern and Central Illinois Grain, Hog, and Beef Farms

| _ | | Grain f | arms | | | Hog farms | | | | Beef farms | | | | | | |
|--|-------------------------|---------|---------------------|------------------------|-----|-------------------------|-----|--------------------------|-----|------------------------|-----|----------------------------|-----|--------------------------|-----|--------------------------|
| | 1994 | | 1993 | 1990-1994 average | | 1994 | | 1993 | 19 | 990-1994 average | | 1994 | | 1993 | 19 | 990-1994 average |
| Number of farms | 695 | | 703 | 752 | | 141 | | 177 | | 181 | | 40 | | 42 | | 46 |
| Total acres Soil-productivity | 586 | | 581 | 579 | | 549 | | 547 | | 552 | | 530 | | 509 | | 525 |
| rating | 87 | | 86 | 86 | | 81 | | 80 | | 81 | | 77 | | 78 | | 77 |
| income\$ | 189,005 | \$ 198 | ,811 | \$ 179,272 | \$ | 315,163 | \$ | 353,388 | \$ | 340,198 | \$ | 478,563 | \$ | 513,935 | \$ | 515,215 |
| feed and livestock | 538 | | 374 | 955 | _ | 96,173 | | 109,005 | | 104,162 | _ | 272,713 | | 327,480 | _ | 317,109 |
| Net cash operating income\$ Accounts receivable | 188,467 | \$ 198 | ,437 | \$ 178,317 | \$ | 218,990 | \$ | 244,383 | \$ | 236,036 | \$ | 205,850 | \$ | 186,455 | \$ | 198,106 |
| change | 9,964 5,641 319 | | ,494 ,136 270 | 1,534 5,782 267 | | 8,319 -18,159 485 | | -10,660 17,364 572 | | 1,410 3,615 563 | | 10,043 -44,422 1,149 | | -13,328 19,397 988 | | 1,404 -7,219 1,009 |
| Value of farm production \$ Total cash operating | 204,391 | \$ 200 | ,349 | \$ 185,900 | \$ | 209,635 | \$ | 251,659 | \$ | 241,624 | \$ | 172,620 | \$ | 193,512 | \$ | 193,300 |
| expenses Prepaid-unpaid | 91,728 | 87 | ,781 | 84,090 | | 118,024 | | 122,643 | | 119,483 | | 93,695 | | 101,972 | | 99,618 |
| change | -5 16,014 | | ,991 ,358 | -333 12,801 | | 1,223 22,620 | | -1,677 25,086 | | -254 23,961 | | 5,742 21,930 | | -4,357 23,413 | | 153 21,690 |
| Net farm income \$ | 96,654 | \$ 100 | ,201 | \$ 89,342 | \$ | 67,768 | \$ | 105,607 | \$ | 98,434 | \$ | 51,253 | \$ | 72,484 | \$ | 71,839 |
| (Operator's share) ^a Unpaid labor charge Returns to capital | (38,106) 19,424 | | ,863) ,430 | (35,569) 17,683 | | (15,947) 23,009 | | (45,506) 21,899 | | (42,831) 21,095 | | (4,946) 22,298 | | (31,917) 20,288 | | (24,420 19,595 |
| and management Interest charge on | 77,230 | | ,771 | 71,659 | | 44,759 | | 83,708 | | 77,339 | | 28,955 | | 52,196 | | 52,244 |
| capital | 70,545 | | ,688 | 63,279 | l | 70,177 | | 65,282 | | 68,667 | | 72,380 | _ | 66,405 | _ | 71,671 |
| Management returns \$ | 6,685 | | ,083 | | \$ | -25,418 | \$ | 18,426 | \$ | 8,672 | \$ | - | \$ | -14,209 | \$ | -19,427 |
| Total cash income ^b Total cash | 190,226 | | ,534 | 180,788 | | 317,154 | | 354,708 | | 341,541 | | 479,520 | | 514,825 | | 516,098 |
| expenditures ^b | 110,764 | - | ,083 | 100,891 | | 241,546 | | 259,012 | _ | 252,060 | _ | 385,925 | | 458,195 | | 439,329 |
| Cash balance\$ Capital purchases | 79,462 18,799 | | ,451 ,176 | \$ 79,897 16,093 | \$ | 75,608 27,558 | \$ | 95,696 27,558 | \$ | 89,481 28,586 | \$ | 93,595 19,646 | \$ | 56,630 28,778 | \$ | 76,769 22,654 |
| Farm Investment Livestock inventory \$ Grain inventory | 221 130,571 | | 187 ,262 | \$ 195 114,216 | \$ | 89,496 113,273 | \$ | 96,117 101,285 | \$ | 100,129 102,377 | \$ | 217,724 101,631 | \$ | 226,981 92,498 | \$ | 223,107 95,952 |
| cost in: Machinery and auto Buildings and fence Soil fertility | 27,758 14,617 162 | | ,184 ,716 70 | 24,649 15,319 84 | | 37,230 42,114 64 | | 40,063 42,333 63 | | 38,529 46,954 95 | | 41,361 39,321 72 | | 34,437 35,544 50 | | 37,250 41,625 550 |
| Value of land (current basis)\$1 | ,317,654 | \$1,175 | ,009 | \$1,165,479 | \$1 | ,103,220 | \$ | 985,014 | \$ | 995,322 | \$ | 981,672 | \$ | 855,482 | \$ | 878,420 |
| Total farm investment \$1 | ,490,983 | \$1,340 | ,428 | \$1,319,942 | \$1 | ,385,397 | \$1 | ,264,875 | \$1 | ,283,406 | \$1 | ,381,781 | \$1 | 1,244,992 | \$1 | ,276,904 |
| Rate earned on investment, percent | 5.18 | | 6.10 | 5.43 | | 3.23 | | 6.42 | | 6.03 | | 2.10 | | 4.19 | | 4.09 |

a Interest expense deducted from operator's share only. Shown in parentheses because it pertains to operator's net farm income only. b Includes seles or purchases of capital items.

total unpaid labor charge was based on the labor available. The nonland interest rate was 7 percent of one-half the average of the beginning- and end-ofyear inventory values for the crops on hand, plus one-half the cash-operating expenses (excluding interest paid), plus the depreciated value of machinery and buildings. The adjusted net rent was the average net rent received by crop-share landlords as reported on recordkeeping farms for the period from 1990 through 1994.

Hog farms. The net farm income in 1994 for

northern and central Illinois hog farms having 340 to 799 acres averaged \$67,768, with the operator's and landlord's shares combined (Table 5). Net incomes were \$37,839 lower than net incomes in 1993, and \$30,666 lower than the average for the 5-year period from 1990 through 1994. The net farm incomes for this group in 1994 were the lowest since 1988. Earnings for this type of farm were recordhigh in 1990. Incomes for this type of farm were the second lowest for any northern and central Illinois type of farm in 1994 but were the second highest for any type of farm for the average of 1990 through 1994. Lower hog prices resulted in an \$18,159 decrease in inventory in 1994, compared to a \$17,364 increase in 1993. Net cash operating income decreased \$25,393. The value of farm production decreased 17 percent, and cash operating expenses other than feed decreased 4 percent.

Management returns were a negative \$25,418, a decrease of \$43,844 from 1993 returns and \$34,090 below the 5-year average from 1990 through 1994. Capital purchases were exactly the same as 1993's purchases, and were \$1,028 below the 1990 through 1994 average. Cash livestock sales decreased by \$29,209 compared with 1993 figures. The average number of litters farrowed for this group was 238.

Lower earnings caused the rate earned on investment to decrease to 3.23 percent in 1994, compared with 6.62 percent in 1993. This was the second lowest for the four types of farm in northern and central Illinois. The 5-year average rate was 6.03 percent, the highest rate on any type of farm in northern and central Illinois.

Beef farms. The net farm income for northern and central Illinois beef farms having 340 to 799

Table 6. Average Cost per Tillable Acre to Grow Corn and Soybeans on Central Illinois Grain Farms with No Livestock

| C | orn | Soyl | peans |
|---|---------|-----------|--------------|
| 1994 | 1993 | 1994 | 1993 |
| Number of farms 630 | 588 | 630 | 588 |
| Acres grown per farm 435 Yield per acre, bu 182 Variable nonland costs | 395 | 403 | 385 |
| | 151 | 52 | 49 |
| Soil fertility | \$ 51 | \$ 17 | \$ 17 |
| | 26 | 29 | 28 |
| | 24 | 14 | 14 |
| | 14 | 6 | 6 |
| and hire | 29 | <u>23</u> | 24 |
| | \$144 | \$ 89 | \$ 89 |
| Other nonland costs Labor | \$ 31 | \$ 29 | \$ 29 |
| | 7 | 4 | 4 |
| | 26 | 24 | 22 |
| | 21 | 18 | 19 |
| | 14 | 13 | 14 |
| | \$ 99 | \$ 88 | \$ 88 |
| | \$243 | \$177 | \$177 |
| Land costs Taxes \$ 21 Adjusted net rent 114 Total, land costs \$135 Total, all costs \$384 | \$ 20 | \$ 21 | \$ 20 |
| | 103 | 114 | 103 |
| | \$123 | \$135 | \$123 |
| | \$366 | \$312 | \$300 |
| Nonland cost per bu \$ 1.37 Total, all costs per bu \$ 2.11 | \$ 1.61 | \$ 3.40 | \$ 3.61 |
| | \$ 2.42 | \$ 6.00 | \$ 6.12 |
| Average yield, past 4 years | 152 | 49 | 48 |
| | \$ 2.41 | \$ 6.37 | \$ 6.25 |

acres averaged \$51,253 in 1994, with the operator's and landlord's shares combined (Table 5). This figure was \$21,231 lower than the 1993 figure and \$20,586 lower than the average from 1990 through 1994.

Lower prices received for slaughter cattle and lower inventory prices contributed to the lower earnings. The average price received for fed cattle decreased 12 percent in 1994 compared to 1993. Compared with 1993, the value of farm production decreased by \$20,892, or 11 percent. It was \$20,680 below the 5-year average for 1990 through 1994. These farms produced 2,443 hundredweight of beef per farm, or the weight-gain equivalents of 514 head,

each gaining 475 pounds.

Management returns of a negative \$43,425 in 1994 for these farms were \$29,216 below 1993 returns and \$23,998 below the 5-year average from 1990 through 1994, which was a negative \$19,427. The 1994 management returns were the lowest since 1991 and the second lowest since 1984. The only years that management returns have been positive in the last 10 years were in 1987, 1990, and 1992. Capital purchases were \$19,646 in 1994 compared to \$28,778 in 1993 and \$22,654 for the 1990 through 1994 average. Cash operating expenses, excluding purchases of feed and livestock, decreased 8 percent. The net cash balance for these farms was \$93,595, or \$36,965 more than in 1993 and \$16,826 above the average for 1990 through 1994. The net cash balance for these farms in 1994 was the highest since 1990. This reflects the significant cutback in purchasing feeder cattle. Purchases of feed and livestock were \$54,767 less in 1994 than in 1993. The value of inventory dropped by \$44,422 in 1994.

Cost and returns to produce beef from 1991 through 1994, based on a detailed breakdown of individual costs from a selected sample of beef farms, are shown in Table 14. Total costs exceeded total returns in 1994. An analysis of feeder-cattle enterprises is discussed in detail under the livestock section.

The average rate earned on investment decreased from 4.19 percent in 1993 to 2.10 percent in 1994. The 5-year average rate earned on investment from 1990 through 1994 was 4.09 percent. The 1990 through 1994 average rate earned on investment is the lowest for any type of farm. The average total farm investment was \$1,381,781. The average investment in cattle of \$217,724 is \$9,257 less than in 1993.

Farms on which beef cattle are raised or fed continue to compete for resources in Illinois, where nonmarketable resources, such as roughage, labor, and buildings, or very high levels of management are available. Lower fed cattle prices helped decrease returns to feeder-cattle enterprises in 1994. In recent years, this type of farm has survived primarily where there are large amounts of debt-free capital that have been combined with very high levels of management.

Dairy farms. The net farm income for northern

and central Illinois dairy farms having 340 to 799 acres averaged \$89,513 in 1994, with the operator's and landlord's shares combined (Table 7). This was the second highest income for any type of farm in the state. This figure was \$25,357 above the 1993 figure and \$9,443 above the 5-year average from 1990 through 1994. The 1994 income was the highest since 1990, when it was \$97,617. The average number of cows on these farms was 75, 6 above the average for 1993 and the highest since 1987, when it was also 75.

Higher milk prices, better crop yields which increased the value of inventories, and increased accounts receivable for ASCS deficiency payments resulted in a higher value of farm production and net farm income. The value of farm production was \$250,351, 14 percent above the average for the 5year period from 1990 through 1994. Cash operating expenses increased 11 percent in 1994 compared to 1993. (A detailed breakdown of the cost of producing milk can be found in Table 16.) Management returns of a negative \$1,432 were \$13,726 above the 1993 figure and \$891 above the average for the 5-year period from 1990 through 1994. For the last 10 years, management returns were positive 4 years. Capital purchases increased to \$21,255 compared to \$19,928 and the 1990 through 1994 average of \$23,316.

The 1994 rate earned on investment for these farms was 5.31 percent; the 1993 rate was 3.94 percent. The 5-year average rate earned on investment was 5.50 percent. The 1994 rate earned on investment was the highest for any type of farm in Illinois. These farms had the lowest rate earned on investment for any type of farms in 1993. The average price received for milk in 1994 was 3 percent higher than the average price received in 1993. For the first half of 1994, milk prices were moderately higher than they were in the first half of 1993. By the end of the year, milk prices were below those of 1993 levels but still averaged higher for the year.

The price received for beef from all cull animals and vealers sold from the dairy herd can be an important factor in determining total returns. When beef prices were high, those sales accounted for as much as 20 percent of the total income from the dairy enterprise. But when beef prices are low, this source of income is only 10 to 12 percent of the total. In 1994, the returns from beef accounted for 14 percent of the total returns to the dairy herd, in comparison with 15 percent in 1993.

Southern Illinois farms

Grain farms. The net farm income for southern Illinois grain farms having 340 to 799 acres averaged \$48,915 in 1994, with the landlord's and operator's shares combined (Table 8). This income is \$28,430 below net farm income in 1993 and \$10,807 below

Table 7. Averages for Selected Total Farm Items on 340to 799-Acre Northern Illinois Dairy Farms

| | | 013 | bally i | aiii | 13 |
|---|-----------------------------|-----|-----------------------------|------|---------------------------|
| | 1994 | | 1993 | 19 | 990-1994 average |
| Number of farms | 52 | | 59 | | 60 |
| Total acresSoil-productivity rating | 496 71 | | 479 70 | | 478 71 |
| Cash operating income\$ Less purchased feed and livestock | 285,325 55,404 | \$ | 266,637 55,862 | \$ | 264,504 52,749 |
| Net cash operating income\$ | 229,921 | \$ | 210,775 | \$ | 211,755 |
| Accounts receivable changelnventory change | 6,292 11,061 3,077 | | -7,690 3,808 2,587 | | 964 4,604 2,491 |
| Value of farm production\$ Total cash operating | 250,351 | \$ | 204,480 | \$ | 219,814 |
| expensesPrepaid-unpaid change | 133,871 -1,239 28,206 | | 120,169 -1,099 26,254 | | 116,570 -435 23,609 |
| Net farm income\$ | 89,513 | \$ | 64,156 | \$ | 80,070 |
| (Operator's share) ^a Unpaid labor charge Returns to capital | (48,026) 29,796 | | (28,590) 25,761 | | (41,869) 26,689 |
| and management Interest charge on capital | 59,717 61,149 | | 38,395 53,553 | | 53,381 55,704 |
| Management returns\$ | -1,432 | \$ | -15,158 | \$ | -2,323 |
| Total cash income ^b Total cash expenditures ^b | 287,065 208,355 | | 267,586 194,169 | _ | 265,809 191,008 |
| Cash balance\$ Capital purchases | 78,710 21,255 | \$ | 73,417 19,928 | \$ | 74,801 23,316 |
| Farm Investment Livestock inventory\$ Grain inventory | 120,259 83,477 | \$ | 123,227 74,236 | \$ | 116,185 73,690 |
| Remaining capital cost in: Machinery and auto Buildings and fence Soil fertility | 48,608 73,732 83 | | 47,291 53,504 92 | · | 43,597 56,720 424 |
| Value of land (current basis) | 798,695 | | 675,616 | | 679,474 |
| Total farm investment\$1 | | \$ | 973,966 | \$ | 970,090 |
| Rate earned on investment, percent | 5.31 | | 3.94 | | 5.50 |

^a Interest expense deducted from operator's share only. Shown in parentheses because it pertains to operator's net farm income only.

b Includes sales or purchases of capital items

the average from 1990 through 1994. The 1993 income was the highest it has been for any of the last 10 years. Lower grain prices resulted in decreased cash operating income and a \$2,703 decrease in inventories. This decrease caused the value of farm production to decrease \$28,386, or 17 percent in 1994 compared to 1993. Corn yields were 4 bushels per acre higher and soybean yields were 2 bushels per acre higher in 1994 compared to 1993. Farm cash operating expenses were virtually the same as they were the year before, while depreciation expenses decreased \$2,709, or 16 percent. Depreciation in 1993 was at its highest level since 1985. The cash balance of \$48,326 was \$16,173 below the 1993 balance and the second lowest since 1985.

Capital purchases were \$18,489 in 1994, \$704 less than in 1993 but \$3,321 above the 5-year average

Table 8. Averages for Selected Total Farm Items on 340- to 799-Acre Southern Illinois Grain, Hog, and Dairy Farms

| | Grain farms | | | | Hog farms | | Dairy farms | | | |
|--|------------------------|-------------------------|----------------------|-------------------------|---------------------------|----------------------|------------------------|---------------------------|----------------------|--|
| | 1994 | 1993 | 1990-1994 average | 1994 | 1993 | 1990-1994 average | 1994 | 1993 | 1990-1994 average | |
| Number of farms | 191 | 201 | 220 | 53 | 50 | 65 | 29 | 31 | 33 | |
| Total acres | 592 | 597 | 589 | 553 | 516 | 549 | 516 | 514 | 516 | |
| Soil-productivity rating | 59 | 59 | 59 | 59 | 58 | 59 | 59 | 59 | 59 | |
| Cash operating income | \$148,026 | \$171,162 | \$146,274 | \$266,622 | \$277,413 | \$268,650 | \$304,879 | \$308,583 | \$312,364 | |
| Less purchased feed and livestock | 6,540 | 12,355 | 9,351 | 85,864 | 94,067 | 86,835 | 76,870 | 62,859 | 70,816 | |
| Net cash operating income | \$141,486 | \$158,807 | \$136,923 | \$180,758 | \$183,346 | \$181,815 | \$228,009 | \$245,724 | \$241,548 | |
| change | 1,681 -2,703 860 | -2,251 12,333 821 | 183 5,306 883 | 989 -21,674 1,025 | -1,310 14,830 1,177 | 110 1,102 986 | 858 -6,712 2,017 | -1,083 10,488 1,513 | 18 6,749 2,316 | |
| Value of farm production Total cash operating | \$141,324 | \$169,710 | \$143,295 | \$161,098 | \$198,043 | \$184,013 | \$224,172 | \$256,642 | \$250,631 | |
| expenses | 77,018 | 77,026 | 71,055 | 103,534 | 96,485 | 96,215 | 115,494 | 120,546 | 121,353 | |
| change | 940 | -1,821 | -45 | 120 | -1,329 | -275 | 768 | 161 | -345 | |
| Annual depreciation | 14,451 | 17,160 | 12,563 | 20,697 | 22,904 | 18,987 | 28,168 | 29,813 | 26,146 | |
| Net farm income | \$ 48,915 | \$ 77,345 | \$ 59,722 | \$ 36,747 | \$ 79,983 | \$ 69,086 | \$ 79,742 | \$106,122 | \$103,477 | |
| (Operator's share) ^a Unpaid labor charge Returns to capital | (12,696) 20,210 | (36,424) 19,620 | (23,775) 18,470 | (2,259) 24,730 | (48,937) 24,476 | (33,690) 21,447 | (42,253) 31,889 | (69,972) 28,147 | (67,823) 27,551 | |
| and management Interest charge on | 28,705 | 57,725 | 41,252 | 12,017 | 55,507 | 47,639 | 47,853 | 77,975 | 75,926 | |
| capital | 43,283 | 40,773 | 39,871 | 47,219 | 41,126 | 44,623 | 52,099 | 50,006 | 52,908 | |
| Management returns | \$-14,578 | \$ 16,952 | \$ 1,381 | \$-35,202 | \$ 14,381 | \$ 3,016 | \$ -4,246 | \$ 27,969 | \$ 23,018 | |
| Total cash income ^b Total cash | 149,612 | 172,345 | 147,699 | 267,427 | 278,454 | 269,358 | 306,722 | 309,575 | 313,394 | |
| expenditures ^b | 101,286 | 107,846 | 94,802 | 210,808 | 219,810 | 204,628 | 222,895 | 214,341 | 221,222 | |
| Cash balance Capital purchases | \$ 48,326 18,489 | \$ 64,499 19,193 | \$ 52,897 15,168 | \$ 56,619 21,998 | \$ 58,644 29,932 | \$ 64,730 22,134 | \$ 83,827 31,828 | \$ 95,234 31,777 | \$ 92,172 30,546 | |
| Farm Investment | | | | | | | | | | |
| Livestock inventory Grain inventory | \$ 11,835 91,332 | \$ 14,630 91,779 | \$ 12,938 77,863 | \$ 75,405 91,396 | \$ 81,350 77,084 | \$ 78,440 74,799 | \$143,965 80,975 | \$144,139 84,799 | \$145,852 74,634 | |
| Remaining capital cost in: Machinery and auto Buildings and fence | 28,688 8,531 | 31,505 9,547 | 26,925 8,420 | 33,722 32,742 | 30,797 30.622 | 30,203 29,023 | 54,822 28.693 | 54,705 27,534 | 56,206 30,024 | |
| Soil fertility | 18 | 42 | 41 | 584 | 46 | 167 | 0 | 0 | 0 | |
| Value of land (current basis) | 749,833 | 682,845 | 673,962 | 669,347 | 550,185 | 598,557 | 639,444 | 585,876 | 585,641 | |
| Total farm investment | \$890,237 | \$830,348 | \$800,149 | \$903,196 | \$770,084 | \$811,189 | \$947,899 | \$897,053 | \$892,357 | |
| Rate earned on investment, percent | 3.22 | 6.95 | 5.16 | 1.33 | 7.21 | 5.87 | 5.05 | 8.69 | 8.51 | |

^a Interest expense deducted from operator's share only. Shown in parentheses because it pertains to operator's net farm income only.
^b Includes seles or purchases of capital items.

for 1990 through 1994. Capital purchases were the second highest for any year during the last decade. Capital purchases in 1994 equaled \$31 per tillable acre compared to \$35 per tillable acre in 1993.

Management returns of a negative \$14,578 for these farms were the lowest since 1984. The highest was \$19,161 in 1992. The 5-year average from 1990 through 1994 for management returns was \$1,381. The rate earned on investment decreased in 1994 to 3.22 percent; in 1993, this rate was 6.95 percent. This was the second lowest rate earned on investment for any type of farm in southern Illinois. The average rate earned on investment for the period from 1990 through 1994 was 5.16 percent, below the average rates for any other type of farm in southern Illinois.

Hog farms. The net farm income for southern Illinois hog farms having 340 to 799 acres averaged \$36,747 in 1994, with the landlord's and operator's shares combined (Table 8). This income was \$43,236 lower than net farm income in 1993 and \$32,339 lower than the average net farm income of \$69,086 earned from 1990 through 1994. This was the lowest income for any type of farm in Illinois. Lower hog and grain prices were the main reasons for the drop

in earnings. The value of farm production was down \$36,945, or 19 percent, in 1994 compared to 1993.

Management returns for 1994 were a negative \$35,202, compared to \$14,381 in 1993 and \$3,016 for the 5-year period from 1990 through 1994. Management returns were the lowest since 1983. Capital purchases were \$21,998 in 1994, \$7,934 lower than in 1993 and \$136 lower than the 1990 through 1994 average. Cash operating expenses increased \$7,049, or 7 percent; depreciation decreased \$2,207 and was \$1,710 above the average for 1990 through 1994.

In 1994, the rate earned on investment decreased to 1.33 percent from 7.21 percent in 1993. The average rate earned on investment for the period from 1990 through 1994 was 5.87 percent. The rate earned on investment in 1993 for these types of farms was the lowest of any type of farm in Illinois. The rate earned on investment in this 5-year period for this type of farm was the third highest of any type of participating farm in Illinois. The 1994 rate earned on investment was the lowest of any year in the last

Dairy farms. The net farm income in 1994 for southern Illinois dairy farms having 340 to 799 acres averaged \$79,742, with the operator's and landlord's shares combined (Table 8). This figure is \$26,380 below the net farm income earned in 1993 and \$23,735 below the average for the period from 1990 through 1994. This net farm income was the third highest earned by any type of participating farm of this size in Illinois in 1994. Lower grain prices caused the value of farm production to decrease by \$32,470 in 1994 compared to 1993. Net cash operating income increased by \$17,715 in 1994 compared to 1993, and the value of grain and livestock inventories decreased by \$6,712. Total cash operating expenses decreased \$5,052.

Capital purchases of \$31,828 were only \$51 above 1993 capital purchases and \$1,282 above the average capital purchases for 1990 through 1994.

Management returns for this type of farm were a negative \$4,246 in 1994; these returns were \$27,969 in 1993. The 5-year average from 1990 through 1994 was \$23,018. The rate earned on investment of 5.05 percent was the third highest in the state for this size of participating farm. The average rate earned on investment in 1993 was 8.69 percent, and the 5-year average from 1990 through 1994 was 8.51 percent. The average rate earned on investment by these southern Illinois dairy farms from 1990 through 1994 was the highest of any type of participating farm with 340 to 799 acres in Illinois. In 1994, the average value of bare land on these farms was \$1,369 per tillable acre. On northern Illinois dairy farms, this value was \$1,884 per tillable acre.

The average number of milk cows per farm in 1994 was 91, compared with 93 in 1993, and with 95, the past 5-year average. The average of 91 cows

in 1994 was 16 more than the average on farms of similar size and type in northern Illinois. In 1994, southern Illinois farms decreased the size of their herds by 2 cows over the 1993 herd size, while northern Illinois farms increased theirs by 6.

LIVESTOCK ENTERPRISES

The return per \$100 of feed fed from various livestock enterprises and the price of corn during each of the past 15 years are given in Table 9. Fifteenyear and 5-year averages are also shown. The difference between the average return figure and a feed cost of \$100 represents the margin available for labor, depreciation on equipment, cash expenses other than

feed, interest on investment, and profit.

The margin needed to cover nonfeed costs varies with the kind of livestock and depends on the proportion of total production costs represented by feed. The 15-year averages from 1980 through 1994 represent the approximate level of return at which farmers have been willing to maintain livestock production. The average may not represent a break-even return on all farms because some farmers may discount market prices for some of the resources used in producing livestock. If farmers already have facilities for livestock, they need only to cover direct operating costs to continue production. However, when livestock production is a new or a long-term enterprise, farmers hope to cover all fixed and variable costs. Otherwise they should not undertake the enterprise.

As individual farmers try to increase profits, they tend to curtail livestock production when the return per \$100 of feed fed is below the 15-year average. This tendency on the part of producers causes supplies

of livestock products to fluctuate.

In farrow-to-finish hog production, returns tend to follow a noticeably cyclical pattern (Table 9). They tend to exceed the 5-year average for 1 or 2 years and then drop below this average for 1 or 2 years. Returns per \$100 feed fed of \$138 in 1994 were considerably below the last 5-year average of \$170.

The returns from feeder cattle vary greatly from year to year. The long-run averages shown in Table 10 indicate that the cattle-feeding business has not been paying average market rates for all resources used by the enterprise. Table 9 shows the return of \$138 per \$100 of feed fed for the most recent 5year period (1990 through 1994) to be below the previous 5-year period and below the 15-year average of \$140. Above-average skills are needed in buying, selling, and feeding to meet the competition from other uses for time and money on farms with feeder cattle. Identifying cyclical income movements over a 15-year period in the beef-cattle industry is difficult because this industry is more complex and adjusts more slowly than other livestock enterprises.

The returns above feed and purchased animal

Table 9. Returns per \$100 of Feed Fed to **Different Classes of Livestock**

| Year | Farrow- to-finish hogs | Feeder- pig finishing | Feeder- pig produc- tion | Feeder cattle bought | Dairy cow herds | Beef cow herds | Native sheep raised | Yearly price of corn |
|--|---------------------------------|---------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|--------------------------------|--------------------------------------|
| | | | | . dol | ars | | | |
| 1980 1981 1982 1983 1984 | 138 138 213 141 155 | 122 115 165 118 140 | 153 174 237 163 170 | 111 107 147 134 141 | 207 200 205 178 188 | 144 100 115 115 105 | 131 84 83 78 102 | 2.80 2.98 2.43 3.06 3.12 |
| 1985 1986 1987 1988 | 166 215 217 152 162 | 129 178 168 127 141 | 170 254 232 158 167 | 121 149 196 150 145 | 202 210 237 198 209 | 101 125 168 150 144 | 130 156 141 115 96 | 2.54 2.01 1.61 2.32 2.48 |
| 1990 1991 1992 1993 | 206 168 166 174 138 | 165 128 140 133 110 | 247 199 167 197 166 | 162 109 164 143 114 | 220 188 211 191 196 | 165 129 142 133 117 | 98 64 116 95 146 | 2.44 2.41 2.35 2.28 2.44 |
| Averages 1980-1994 1980-1984 1985-1989 1990-1994 | 170 157 182 170 | 139 132 149 135 | 190 179 196 195 | 140 128 152 138 | 203 196 211 201 | 130 116 138 137 | 109 96 128 104 | 2.48 2.88 2.19 2.38 |

Table 10. Variation in Returns to Livestock Enterprise Units, 1990 Through 1994

| Farrow- to-finish hogs (per cwt) | Feeder- pig finishing (per cwt) | Feeder cattle (per cwt) | Dairy cattle (per cow) | Beef herd calves sold (per cow) ^a |
|---|---|---|---|---|
| Returns above cost of fe 1990 \$27.15 1991 17.67 1992 16.45 1993 18.76 1994 9.77 | ed and pur \$15.79 6.80 9.39 7.89 2.33 | chased a \$25.74 3.97 25.40 17.10 5.66 | nimals \$1,471 1,064 1,398 1,178 1,270 | \$203 88 125 92 (2) |
| Five-year average \$17.96 | \$ 8.44 | \$15.57 | \$1,276 | \$101 |
| Nonfeed costs, 1989 thro Direct cash \$ 6.58° Other costs 9.64° Total \$16.22 | \$ 4.12° 6.58° \$10.70 | \$12.51° 11.23° \$23.74 | \$ 454° 614° \$1,068 | \$ 30° 175° \$205 |
| Nonfeed cost for future project cash \$ 6.50 Other costs 15.00 Total \$21.50 | * | \$14.00 ^d 15.00 \$29.00 | \$ 475 800 \$1,275 | \$ 30 200 \$230 |

^a The feed cost for beef herds includes up to \$60 of hay equivalent from salvage roughage.

^b Estimates of annual nonfeed costs are based on enterprise cost studies of operative

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costs for dairy enterprises of \$1,270 per cow in 1994 were \$6 below the 5-year average of \$1,276 (Table 10). These returns indicate that the average dairy enterprise has covered the total estimated cost of production of \$1,068 per cow from 1989 through

For the beef-herd enterprise, the average returns above the cost of feed and purchased animals for the period from 1990 through 1994 provided a margin over cash costs but fell short of the return needed to cover all nonfeed costs (Table 10). The implication is that the beef enterprise competes most favorably on farms where the resources of labor, capital, and management are plentiful and have few alternate uses. In the beef-cow enterprise, returns above the cost of feed per cow averaged \$101 during the last 5 years. The 1994 returns of a negative \$2 were \$207 below the total nonfeed costs, estimated at \$205 per cow. The 1994 returns to the beef-cow enterprise were the lowest during the past 5-year period.

Raising livestock has become more competitive. Average profit margins are narrow. Fewer farmers are willing to stay in business because returns in some enterprises barely cover direct operating costs. Plans for expansion that require large investments for new facilities should be based on an estimated return that is high enough to cover all costs. Fluctuations in livestock returns can involve a risk in low-return years. The estimated nonfeed cost for future livestock production is also shown in Table 10.

Hog enterprises

The information on farrow-to-finish enterprises in Table 11 is based on a sample of 518 enterprises farrowing 10 litters or more per year. Farms were omitted from the sample if the number of hogs purchased exceeded 10 percent of the pigs weaned. This procedure eliminated from the sample those farms with combined farrowing and feeder-pig operations. (Information on feeder-pig finishing enterprises is given in Table 13.) The average size of farrow-to-finish enterprises on all recordkeeping farms was 251 litters in 1994. The 1994 records summarized here for the "all farms" group show that returns of \$9.77 above feed costs per 100 pounds of pork produced were \$8.99 below the 1993 return of \$18.76.

The 5-year average for returns above feed costs per 100 pounds produced was \$17.96 (Table 10). Even the 5-year average can vary significantly because of the wide fluctuations in returns from year to year. Detailed cost records show that an average farmer with existing facilities needed a return above feed costs of \$16.22 per 100 pounds to pay for all nonfeed costs during the 1989 through 1993 time period. The return above all costs during this 5-year period of \$1.74 (\$17.96 minus \$16.22) has led to expansion in the industry. Large integrators have expanded very rapidly. The near future will bring increased pork production and lower hog prices. Producers must assess their own financial situation and production capabilities very closely to determine the amount of risk they can assume if they expand their production with borrowed capital.

The farrow-to-finish enterprise records for 1994 reported in Table 11 were also sorted by the number of litters produced. One group farrowing 350 or more litters averaged 634 litters. Compared with the average feed cost for all farrow-to-finish enterprises, the feed cost per 100 pounds of pork produced was

Table 11. Hog Enterprises, 1994 Averages per Farm

| | | Farrow enter | -to-fin | | | |
|--|----|---------------------------|---------|--------------------------------|-----------|--------------------------|
| | Al | I farms | | or more litters oer farm | ; | eeder- pig duction |
| Number of farms | | 518 | | 107 | , | 12 |
| Pork produced, pound | 4 | 96,450 | 1, | ,239,197 | 2 | 76,842 |
| Pork produced per litter, pound Total returns Value of feed fed Returns per \$100 of | | 1,977 74,860 26,348 | | 1,954 3446,308 303,662 | \$1. | 597 58,189 95,473 |
| feed fed | \$ | 138 | \$ | 147 | \$ | 166 |
| farrowed | | 251 | | 634 | | 463 |
| per litter Pigs weaned per litter Litters farrowed per | | 9.83 8.27 | | 9.90 8.51 | | 9.13 7.74 |
| female year | | 1.88 | | 2.02 | | 1.96 |
| Pigs weaned per female year | | 15.66 | | 17.42 | | 16.82 |
| Number of pigs weaned | | 2,076 | | 5,395 | | 3,584 |
| Death loss, percent of pounds produced | | 1.8 | | 1.8 | 1 | 1.1 |
| Weight per market hog sold, pound | | 244 | | 241 | | 49 |
| Price received— | | per 1 | 00 po | unds pi | oduced | |
| market | \$ | 40.54 | \$ | 41.20 | \$ | 79.76 |
| Total return | \$ | 35.22 25.45 | \$ | | <u>\$</u> | 57.14 34.49 |
| Return above feed | \$ | 9.77 | \$ | | • | 22.65 |
| Farm grains, pound Commercial feed, | | 279 | | 270 | | 264 |
| pound | | 86 | | 85 | | 130 |
| Total concentrates, pound | | 365 | | 355 | | 394 |
| Cost per 100 pounds of commercial feed Cost per 100 pounds | \$ | 15.30 | \$ | 14.71 | \$ | 17.64 |
| of concentrates | \$ | 6.95 | \$ | 6.87 | \$ | 8.71 |

\$0.95 lower for the 634-litter group. The large producers paid \$11.80 less per ton for commercial feed and had slightly better feed conversion. The prices received for hogs sold by large producers or the net at the farm was 66 cents higher than the net received by all producers.

A summary of the feeder-pig production enterprises is also reported in Table 11. In 1994, the average enterprise in this group produced 463 litters with a return of \$166 per \$100 of feed fed. On an average, 7.7 pigs per litter were weaned and sold at 49 pounds per head. The 1994 average price received per 100 pounds of feeder pigs sold was \$79.76, or \$39.08 per head. The average feed cost per 100 pounds of pork produced (pigs and breeding stock) was \$34.49 for 394 pounds of concentrate.

A substantial profit margin is required to compensate for the risk and detailed management involved in hog production compared with other resource uses. Large-scale hog production in modern confinement facilities requires high capital investments. The future recovery of this capital investment is uncertain. The salvage value of confinement hog facilities is low. In addition, acquiring the managerial skills for the large-scale production of hogs in confinement may discourage any rapid expansion of large hog-producing units. However, the level of profits in recent years has resulted in an increase in production. Pork production for 1995 is projected to be at record levels. Although improvements in production efficiency and some increase in consumer demand have helped offset lower prices due to increased production, future returns will depend to a great extent on whether producers continue to increase production or liquidate some of the breeding herd.

The data on hog enterprises in Table 12 show a detailed breakdown of costs and returns from a group of specialized commercial hog farms for 1992, 1993, and 1994. The value of the feed fed to hogs was more than 75 percent of the crop returns produced on these farms. This intensity of livestock feeding indicates a commitment of major resources to the hog enterprise. The producers in this group probably exercise a higher level of management and use more confinement production facilities than the average hog producer in Illinois.

The hog enterprise records summarized in Table 12 were sorted by the number of litters produced. The group farrowing fewer than 250 litters averaged 146 litters from 1992 to 1994; the group farrowing 250 or more litters averaged 509 litters during the

same period.

The cost data reported in Table 12 have been divided into two categories: cash costs and other costs. This classification of production costs is important when short-term management decisions are being made concerning the volume of production, partic-

ularly during periods of low prices.

As reported in Table 12, cash costs of production in 1994 ranged from \$31.32 to \$33.84 per 100 pounds of pork produced, depending on the grouping size. Feed is included as a cash cost, although for most producers a major share of the grain is raised on the farm. The readily available alternative cash market for grain makes the raised feed the same as cash.

The other category of costs includes depreciation, labor, and an interest charge on all capital. Part of the labor and interest charge is a cash cost on most farms. The proportion of labor that is hired depends largely on the size of the farm. A one-person farm does not hire much labor, whereas a major share of the labor will be hired on a four-person farm.

While most categories of nonfeed costs did not change much, labor and depreciation decreased for both groups of enterprises in 1994. These costs had been increasing in recent years. Total nonfeed costs decreased 36 cents per 100 pounds of pork produced (2 percent) for the small enterprises and 89 cents (5

Table 12. Average Costs and Returns for Farrow-to-Finish Hog Enterprises by Size of Enterprise, 1992 Through 1994

| | U | Inder 250 litter | s | 25 | 0 litters or mo | ore |
|--|----------------------------------|---------------------------------|----------------------------------|----------------------------------|---------------------------------|---------------------------------|
| | 1994 | 1993 | 1992 | 1994 | 1993 | 1992 |
| Number of farms | 32 | 36 | 41 | 93 | 94 | 92 |
| Tillable acres | 236 145 | 207 138 | 231 155 | 504 551 | 485 511 | 504 466 |
| | | | per 100 pounds | of pork produced | | |
| Total returns | \$ 34.69 | \$ 44.14 | \$ 40.36 | \$ 36.05 | \$ 44.96 | \$ 42.01 |
| Cesh costs Feed Operating expenses: | \$ 28.09 | \$ 26.35 | \$ 25.93 | \$ 25.19 | \$ 25.18 | \$ 24.39 |
| Maintenance and powers Livestock expenses Insurance, taxes, and overhead | 2.96 1.64 1.15 | 2.95 1.61 .98 | 3.03 1.63 1.14 | 3.02 2.12 .99 | 3.20 2.36 1.00 | 3.18 2.38 1.27 |
| Total operating expenses Total cash costs | \$ 5.75 \$ 33.84 | \$ 5.54 \$ 31.89 | \$ 5.80 \$ 31.73 | \$ 6.13 \$ 31.32 | \$ 6.56 \$ 31.74 | \$ 6.83 \$ 31.22 |
| Other costs Depreciation ^b Labor Interest charge on all capital | \$ 1.88 4.31 2.78 | \$ 2.58 4.43 2.53 | \$ 2.23 4.18 2.54 | \$ 3.10 3.81 2.51 | \$ 3.30 4.09 2.49 | \$ 2.74 3.84 2.51 |
| Total other costs | \$ 8.97 | \$ 9.54 | \$ 8.95 | \$ 9.42 | \$ 9.88 | \$ 9.09 |
| Total nonfeed costs | \$ 14.72 \$ 42.81 \$ -8.12 | \$ 15.08 \$ 41.43 \$ 2.71 | \$ 14.75 \$ 40.68 \$ -0.32 | \$ 15.55 \$ 40.74 \$ -4.69 | \$ 16.44 \$ 41.62 \$ 3.34 | \$ 15.92 \$ 40.31 \$ 1.70 |

^a Includes utilities, machinery, equipment and building repairs, machine hire, and fuel.
^b Includes machinery, equipment, and building depreciation.

Table 13. Feeder-Cattle and Feeder-Pig Finishing Enterprises, 1994 Averages per Farm

| _ | | | |
|----------------|--------------------------------|--|--|
| F | eeder- cattle | | Feeder- pig |
| | 153 | | 126 |
| \$ \$ \$ | 85,240 74,723 114 | \$\$\$ | 175,354 46,251 42,168 110 |
| \$ | 679 77.54 66.82 1,203 | \$ \$ | 2.0 50 76.53 39.67 248 |
| per | 100 po | unds pr | oduced |
| \$ | 45.84 40.84 | \$ | 26.38 24.05 |
| \$ | 5.66 | \$ | 2.33 |
| | 596 39 | | 270 85 |
| | 635 | | 355 |
| | 55 443 103 249 | | |
| | 1 \$ \$ \$ \$ | 153 185,957 \$ 85,240 \$ 74,723 \$ 114 1.7 679 \$ 77.54 \$ 66.82 1,203 per 100 po \$ 45.84 \$ 40.84 \$ 5.66 596 39 635 55 443 103 | 153 185,957 \$ 85,240 \$ 74,723 \$ 114 \$ 1.7 679 \$ 77.54 \$ 66.82 \$ 1,203 per 100 pounds pr \$ 45.84 \$ 40.84 \$ 5.66 \$ 596 39 635 555 443 103 |

a Data not evailable

percent) for the large enterprises from 1993 to 1994. For both groups, total other costs increased, while total operating costs increased for the smaller enterprises. With higher feed costs, the total cost of production increased from 1993 to 1994 by \$1.38 per 100 pounds of pork produced for the group of small enterprises, while the total cost of production decreased 88 cents for the large enterprise group.

The most significant cost difference between the two groups of farms was the feed cost. The average feed cost for 1992, 1993, and 1994 per 100 pounds of pork produced for the large enterprises was \$1.87 lower than it was for the small enterprises. This difference in feed cost was an average of about \$20,500 per farm with the larger enterprises. Differences in the amount of feed used per 100 pounds of pork produced and the price paid for commercial feeds caused this difference in feed costs.

From 1992 through 1994, the returns above all costs averaged a negative \$1.91 per 100 pounds of pork produced for the small enterprises and 12 cents for the large enterprises—a difference of \$2.03. Management practices, such as the choice of building systems, method of transporting hogs to market, type of market used, and on-versus off-farm systems for feed-processing affect the individual cost items reported in Table 12. But the return above all costs should accurately reflect the relative efficiency of the two groups of hog enterprises.

Feeder-cattle and feeder-pig finishing enterprises

Data for 1994 on the feeder-cattle and feederpig finishing enterprises are presented in Tables 13 and 14. These enterprise summaries include weights and values on partly finished animals purchased in previous years and on animals purchased during the current year.

The average amount of pork produced per farm from feeder-pig enterprises was 175,354 pounds in 1994 (Table 13). At 195 pounds of gain per head,

Table 14. Average Costs and Returns for Feeder-Cattle Finishing Enterprises, 1991 Through 1994

| | 1994 | 1993 | 1992 | 1991 | 1991-1994 average |
|--|----------|----------|--------------------|----------------------|---|
| Number of farms | 34 | 26 | 28 | 34 | 31 |
| Tillable acres | 588 | 536 | 625 | 571 | 580 |
| Hundredweight beef produced | 3,611 | 3,255 | 3,694 | 3,069 | 3,407 |
| Number head @ 475-pound gain equivalents | 760 | 685 | 778 | 646 | 717 |
| Average weight purchased, pound | 687 | 670 | 673 | 665 | 674 |
| Average weight sold, pound | 1,193 | 1,164 | 1,163 | 1,180 | 1,175 |
| Price received per 100 pounds sold | \$ 67.63 | \$ 76.11 | \$ 74.12 | \$ 72.66 | \$ 72.63 |
| Price paid per 100 pounds purchased | \$ 77.22 | \$ 87.05 | \$ 82.79 | \$ 88.11 | \$ 83.79 |
| | | per 100 | pounds of beef pro | oduced | |
| Cash costs | | • | | | |
| Feed ^a | \$ 41.95 | \$ 39.99 | \$ 38.44 | \$ 41.17 | \$ 40.39 |
| Operating expenses: | | | | | |
| Maintenance and powerb | 3.04 | 3.95 | 3.25 | 3.81 | 3.51 |
| Livestock expense | 2.46 | 2.68 | 2.38 | 2.32 | 2.46 |
| Insurance, taxes, and overhead | 1.51 | 1.79 | 1.15 | 1.30 | 1.44 |
| Interest on cattle ^c | 5.67 | 5.99 | 6.09 | 7.46 | 6.30 |
| Total operating expenses | \$ 12.68 | \$ 14.41 | \$ 12.87 | \$ 14.89 | \$ 13.71 |
| Total cash costs | \$ 54.63 | \$ 54.40 | \$ 51.31 | \$ 56.06 | \$ 54.10 |
| Other costs | • | • | · | • | * |
| Depreciation ^d | \$ 3.07 | \$ 4.84 | \$ 3.18 | \$ 3.76 | \$ 3.71 |
| Labor | 2.72 | 2.49 | 2.66 | 2.61 | 2.62 |
| Interest on other capital | 2.10 | 2.33 | 2.37 | 2.44 | 2.31 |
| · | | | | | |
| Total other costs | \$ 7.89 | \$ 9.66 | \$ 8.21 | \$ 8.81 | \$ 8.64 |
| Total all costs | \$ 62.52 | \$ 64.06 | \$ 59.52 | \$ 64.87 | \$ 62.74 |
| Total returns ^e | \$ 48.97 | \$ 57.05 | \$ 63.50 | \$ 45.65 | \$ 53.79 |
| Return above all costs | \$-13.55 | \$ -7.01 | \$ 3.98 | \$- 19.22 | \$ -8.95 |
| notarri abovo an oosto | Ψ .0.00 | Ψ 7.01 | Ψ 0.50 | Ψ : 3.22 | Ψ 0.55 |

a All grain fed was priced at the average market price for the year. Market values were used for roughage fed, while protein and minerals were charged at cost. All the feed fed is assumed to have been marketable.
 b Includes utilities, machinery, equipment and building repairs, machine hire, and fuel.
 c Interest is a charge on the average value of beginning and end-of-year inventories on hand. The rate was 9 percent for 1991; 7 percent for 1992, 1993, and 1994.
 d Includes machinery, equipment, and building depreciation.
 e Sales less cost of purchased animals, plus or minus inventory value change. No credit has been calculated for reduced fertility cost when manure is applied to crops.

this figure amounted to 899 head fed per farm in 1994, up from the 830 head fed per farm in 1993.

The return above the cost of feed and purchased animals from 1990 through 1994 averaged \$8.44 per 100 pounds of gain. This return was \$2.26 below the \$10.70 of all nonfeed costs for the 1989 through 1993 time period. It is also below the estimated \$11.40 required to cover all costs for future production (Table 10).

Given that a 475-pound unit of gain equals one head of feeder cattle, the average of 185,957 pounds of beef produced per farm in 1994 (Table 13) equals 391 head of feeder cattle per farm. That figure is an increase of 1 from the average of 390 head fed per farm in 1993. The return per \$100 of feed for feeder-cattle enterprises was \$114 in 1994, in comparison with a 5-year average of \$138 and a 15-year average of \$140 (Table 9).

The price paid for feeders was \$8.31 per 100 pounds lower in 1994 than it was in 1993; the price received for cattle sold in 1994 was \$8.77 lower per 100 pounds than the price received in 1993. The average weight of purchased animals was 679 pounds; the average weight of animals sold was 1,203 pounds. Feed cost was \$40.18 per 100 pounds produced in 1994; it was \$39.93 in 1993.

Each 100 pounds of beef produced required 635 pounds of concentrates and 55 pounds of hay. The amount of corn silage used in 1994 averaged 443 pounds; other silage averaged 103 pounds, making a total of 546 pounds. Silage utilization by the feedercattle enterprise has decreased the last 5 years since the 10-year average for the period from 1977 through 1986 reached 906 pounds per 100 pounds of beef produced. The use of 546 pounds per 100 pounds of beef produced in 1994 was the smallest amount fed since 1963. The high initial investment required for many silage feeding operations and a slowdown in capital purchases may denote more reliance on higher concentrate and dry roughage facilities.

These data do not show the wide variation in profits among cattle-feeding programs. The data on Illinois feeder-cattle enterprises in Tables 9, 10, and 13 reflect the composite results of all qualities and ages of cattle fed. The data are heavily weighted, with good-to-choice calves and yearlings as the predominant cattle-feeding system. Most farmers now feed more than one drove of cattle each year to better utilize their fixed investments in mechanized feedlots.

The return above the cost of feed and purchased animals averaged \$15.57 per 100 pounds of beef produced from 1990 through 1994 (Table 10). During this period, returns ranged from \$3.97 in 1991, to \$25.74 in 1990. The returns above feed costs have remained below the estimated costs required to pay for all nonfeed costs for the average cattle feeder in

3 of the last 5 years. The 1992 returns above feed cost of \$25.40 were the third highest since 1975. The 1991 returns were the lowest since 1981.

The data on feeder-cattle enterprises in Table 14 show a detailed breakdown for the period from 1991 through 1994 on cost and returns to produce beef on beef-feeding farms. The farms included had no other livestock. All costs were accounted for either in crops or in the beef-feeding enterprise. The figure for feed costs is based on the assumption that all the grain and roughage fed was produced on the farm and was marketable.

The data show that these farms were finishing an average of 717 feeders each year from 1991 through 1994. The 4-year average total cash cost including feed and interest charged on cattle was \$54.10 per 100 pounds of beef produced. The average total return of \$53.79 for the same period was less than total cash costs by 31 cents per 100 pounds produced, or about \$2 per feeder.

Some feeders may be able to discount some of these cash costs for roughage fed and for interest on cattle if they had no market for the roughage or were able to use their own money invested in cattle without paying interest. Total other costs of \$8.64 per 100 pounds of beef produced or \$41 per feeder (\$8.64 multiplied by 4.75 hundredweight of gain per feeder) include depreciation, labor, and interest. Adding the other costs to cash costs results in total costs of \$62.74 per hundredweight over the 4-year period.

A number of cattle feeders in Illinois apparently will feed cattle if their return covers feed and cash costs but is short of paying market rates for some nonmarketable roughage, and fixed and overhead costs. But this number is expected to decline.

Farmers' values, goals, and attitudes have been important in maintaining production; but the dictates of the market, technological changes, and shifts in the basic factors of supply and demand continue to cause changes. The return reflected in these averages for the feeder-cattle enterprise suggests that to be profitable, farmers must produce the kind of beef the consumer wants at the lowest possible cost. Even though farms may have nonmarketable feeds, unemployed labor, or fixed capital investments in facilities, these data indicate returns are not consistently high enough to justify the building of new facilities.

Dairy enterprises

The minimum size for a herd included in this analysis was 10 milk cows. The average herd size on recordkeeping farms increased steadily at an average of 1.8 cows per year from 42 in 1970 to 63 in 1982. The herd size has remained steady, between 63 and 70 cows, since 1982.

The return per \$100 of feed fed to dairy cattle in 1994 was \$196. The average for the period from 1990 through 1994 was \$201 (Table 9). In 1994,

milk prices per hundredweight increased 4 percent from 1993 but were 1 percent below prices received in 1992. From 1993 to 1994, beef prices for all weights sold decreased \$7.20 per hundred pounds, while feed costs increased 80 cents per unit of milk or beef produced.

Dairy farmers have reduced the amount of pasture and dry hay and have increased the amounts of grain and silage fed over the past two decades. Pasture days per animal unit dropped from 145 in 1960, to 50 in 1970, to 11 in 1994. This shift indicates that significant pasture days are a thing of the past on nearly all dairy farms in this sample. However, some producers are beginning to experiment again with intensive rotational grazing as a means of lowering costs.

Table 15. Dairy-Cattle Enterprises, 1994 Averages per Farm

| | A II | | Effici | enc | y: | |
|--|----------------------|----|---------------------|-----|----|---------------------|
| | All . farms | | High | | | Lowb |
| Number of farms | 136 | | 45 | | | 44 |
| Number of cows | 69.9 14.3 130 | | 68.3 12.5 132 | | | 59.6 13.7 108 |
| Total returns | 181,330 92,543 | | 01,337 90,786 | | | 128,409 79,286 |
| feed fed Returns above feed | \$ 196 | \$ | 222 | | \$ | 162 |
| per cow | \$ 1,270 | \$ | 1,618 | | \$ | 824 |
| 100 pounds Pounds of milk | 12,054 | | 12,698 | | | 9,157 |
| per cowPounds of butterfat | 17,244 | | 18,591 | | | 15,364 |
| per cow | 641 | | 680 | | | 580 |
| poundPounds of beef | 44,002 | | 49,610 | | | 30,867 |
| per cow | 629 | | 726 | | | 517 |
| pounds produced Price received for: | 9.3 | | 7.6 | | | 13.5 |
| 100 pounds of milk 100 pounds of beef Per unit of milk and beef: ^c | \$ 12.94 52.33 | \$ | 13.38 54.04 | | \$ | 12.73 48.79 |
| Feed costGrain, poundProtein and | \$ 56.24 302 | \$ | 51.41 299 | | \$ | 64.75 356 |
| minerals, pound | 149 | | 126 | | | 138 |
| Total concentrates, pound | 451 | | 425 | | | 495 |
| roughage, pound Corn silage, pound Other silage, pound Pasture days | 235 545 443 | | 185 437 419 | | | 336 623 427 |
| Pasture days per animal unit | 11 | | 10 | | | 11 |
| Hay equivalent per cow, tons | 7.4 | | 6.9 | | | 7.8 |
| Concentrates per cow, pound | 10,614 | | 10,832 | | | 10,164 |

^a High one-third return above feed per cow exceeds 1,310. ^b Low one-third return above feed per cow is below 1,050. ^c 1,000 pounds of milk or 100 pounds of beef.

d No significant pasture use.

Table 16. Average Milk Production Costs and Returns by Size of Herd, 1992 Through 1994

| | 40 | to 79 cows in | herd | 80 or more | cows in I | herd |
|--|------------------------|------------------------|------------------------|---------------------------|------------------------|------------------------|
| _ | 1994 | 1993 | 1992 | 1994 | 1993 | 1992 |
| Number of farms | 60 | 69 | 81 | 52 | 46 | 52 |
| Tillable acres | 284 60.8 17,108 | 270 58.2 16,657 | 269 58.9 16,883 | 474 111.9 17,539 | 411 105.1 17,494 | 426 106.2 17,807 |
| | | | per 100 pound | s of milk produced | | |
| Price received | \$ 13.03 | \$ 12.79 | \$ 13.25 | \$ 13.08 \$ | 12.53 | \$ 13.07 |
| Cash costs Feed Operating expenses: Maintenance and power ^a | \$ 6.63 1.21 | \$ 6.65 1.30 | \$ 6.35 1.20 | \$ 6.58 \$ 1.34 | 6.43 1.28 | \$ 6.08 1.28 |
| Livestock expenseInsurance, taxes, and overhead | 1.31 | 1.27 19 | 1.18 1 | 1.24 | 1.28 .22 | 1.12 .21 |
| Total operating expenses Total cash costs | \$ 2.73 \$ 9.36 | \$ 2.76 \$ 9.41 | \$ 2.59 \$ 8.94 | \$ 2.81 \$ 9.39 | 2.78 9.21 | \$ 2.61 \$ 8.69 |
| Other costs Depreciation ^b Labor Interest charge on all capital | \$.86 1.80 1.30 | \$.83 1.71 1.23 | \$.73 1.66 1.22 | \$.80 \$ 1.43 1.11 | .74 1.48 1.00 | \$.63 1.36 .97 |
| Total other costs | \$ 3.96 | \$ 3.77 | \$ 3.61 | \$ 3.34 | 3.22 | \$ 2.96 |
| Total nonfeed costs | \$ 6.69 | \$ 6.53 | \$ 6.20 | \$ 6.15 \$ | 6.00 | \$ 5.57 |
| Total all costs | \$ 13.32 | \$ 13.18 | \$ 12.55 | \$ 12.73 \$ | 12.43 | \$ 11.65 |
| Return above all costs | \$29 | \$39 | \$.70 | \$.35 \$ | .10 | \$ 1.42 |

 $^{^{\}rm a}$ Includes utilities, machinery, equipment and building repairs, machine hire, and fuel $^{\rm b}$ Includes machinery, equipment, and building depreciation.

The dairy herds in Table 15 were subdivided into two groups according to their efficiency as measured by returns above the cost of feed per cow. In comparison with the low-efficiency group, the highefficiency group had more cows in the herd, and 96 percent higher returns above feed per cow. Returns above feed per cow for the high-efficiency group were \$1,618, and \$824 for the low-efficiency group. For the high-efficiency group, two factors were most significant: 21 percent higher milk production per cow an average of 18,591 pounds, compared with an average of 15,364 pounds for the low-efficiency group—and a 21 percent lower feed cost per unit of milk and beef produced.

The average return above feed costs per cow for all dairy herds was \$1,270 in 1994 (Table 15). This figure compares with the recent 5-year average of \$1,276 per cow (Table 10). For the years 1989 through 1993, the 5-year average return above feed cost required to pay market prices for all nonfeed costs is estimated to be about \$1,068 per cow. The estimated return above feed costs currently required to attract new investments for dairy herds is about \$1,275 per cow. Although the number of dairy herds has decreased, their size and efficiency have increased, and they have continued to increase the milk supply. Normal depreciation and wear-and-tear will soon require the reinvestment of greater amounts of capital in some of these businesses.

The data in Table 16 on dairy enterprises show a detailed breakdown of milk production costs and returns for dairy farms by the number of cows in the

herd in the period from 1992 through 1994. The farms included had no other livestock. All costs were accounted for either in crops or in the dairy enterprise. The total costs for the dairy enterprise were reduced by the amount of income derived from an inventory increase in the pounds of beef produced or from sales, which was valued at the average price received for all weights of dairy animals sold from 1990 through 1994. The residual costs, amounting to 86 percent of the total enterprise costs, were then considered as the net cost of producing milk.

The differences between the herds containing 40 to 79 cows and those containing 80 or more cows for the period from 1992 through 1994 appear to be narrowing. This is probably due to the smaller, lower-efficiency herds exiting the dairy enterprise. For the 3-year period, the milk price for the larger herds averaged 13 cents less, while total nonfeed costs per 100 pounds of milk sold were 56 cents lower. The major cost difference was 30 cents less for labor on the large farms.

In 1994, feed costs per 100 pounds of milk produced decreased slightly for the small herds and increased for the large herds. The cost of feed averaged about 50 percent of total production costs in Illinois dairy enterprises. Total nonfeed costs increased 2 percent for the small dairy herds and 3 percent for the large dairy herds when compared with costs in 1993. The total cost of producing 100 pounds of milk in 1994 was \$13.32 for the small herds and \$12.73 for the large herds. The average price received for milk in 1994 increased for both

Table 17. Beef-Cow Enterprises, 1994 Averages per Farm

| | All farms | Calves sold | Calves fed out |
|--|------------------------|-----------------------|------------------------|
| Number of farms | 219 | 72 | 46 |
| Number of cows in herd Animal units in herd Total pounds produced Beef per cow in herd, | 65 | 46 60 22,424 | 40 64 43,167 |
| pound | 735 | 487 | 1,079 |
| Total returns | | \$12,763 \$12,873 | \$22,612 \$18,744 |
| feed fed | \$ 117 | \$ 99 | \$ 121 |
| per cow | \$ 63 1,745 | \$ -2 1,605 | \$ 96 1,854 |
| produced | 5.5 | 7.1 | 4.2 |
| Weight per market animal sold, pounds Price received per 100 pounds sold — | 760 | 549 | 1,083 |
| market animal | \$ 73.46 | \$ 75.80 | \$ 66.15 |
| | per 1 | 100 pounds p | roduced |
| Feed costGrain, poundProtein and minerals. | \$ 50.27 234 | \$ 57.40 169 | \$ 43.42 279 |
| pound | _40 | _44 | 42 |
| Total concentrates, pound | 274 | 213 | 321 |
| roughage, pound Corn silage, pound Other silage, pound Pasture days | 683 285 38 28 | 909 249 8 46 | 518 324 32 17 |
| Pasture days per animal unit | 138 | 171 | 117 |
| Hay equivalent per cow, tons | 5.5 | 5.1 | 5.7 |

groups of dairy enterprises. The higher milk prices offset the higher costs, resulting in returns above total production costs in 1994 that were better than 1993 returns. Returns were a negative 29 cents per 100 pounds of milk produced and 35 cents for the larger herds. The returns above all costs for the larger-herd group have averaged per 100 pounds of milk produced 62 cents more than the returns for the small-herd group from 1992 through 1994. This amounts to \$10,874 more in returns per farm per year for herds in the large-size group. Due to higher milk prices, returns to dairy farmers improved in 1994 but were still below the average for the last 5 years.

Beef-cow herds

The minimum size for a beef-cow herd included in Table 17 was 10 cows. Farms combining cow herds and purchased feeder cattle were not included. In addition to all farms, Table 17 gives an analysis of cow herds in which calves were sold at weaning time and compares them with cow herds in which calves were finished to slaughter weights. From 1956 through 1969, the average size of the herd on all farms ranged from 25 to 30 cows. From 1969 to 1973, the average

Table 18. Sheep Enterprises, 1994 Averages per Farm

| Native flocks |
|--|
| 36 |
| 6,913 \$4,639 \$3,186 \$ 146 |
| 160 615 8.9 |
| ************************************** |
| |

grew to about 40 cows per herd and remained stable through 1989. The herd size increased to 43 cows in 1994. Most Illinois farmers who maintain a beefcow herd do so as a supplemental enterprise to market nonsalable feeds and labor.

The return per \$100 of feed fed to beef-cow herds averaged \$117 in 1994. The return for the 5-year period from 1990 through 1994 averaged \$137, which is above the 15-year average of \$130 for the period from 1980 through 1994 (Table 9). Beef prices received in 1994 averaged \$73.46 per hundredweight, a decrease of \$5.13 over beef prices in 1993. Feed costs per 100 pounds of beef produced decreased by \$1.10 to \$50.27 in 1994.

Since 1990, the return above feed cost per cow for the average farmer to feed out calves rather than to sell them at weaning has been about \$103 per cow. Additional returns are needed for the added costs of labor, buildings, and the capital required to feed out the calves. In 1994, return above feed cost for feeding calves to market weight was \$98 more per cow than for selling calves.

Sheep enterprises

Sheep production is a minor enterprise on Illinois recordkeeping farms. The minimum size of enterprise in Table 18 is 3 animal units. One animal unit of sheep is defined as 750 pounds, liveweight. The return per \$100 of feed fed in 1994 was \$146 for native flocks. The returns per \$100 of feed fed have been less than \$100 for 3 of the last 5 years. The pounds of wool and mutton produced per farm have remained fairly constant for the past 10 years. The price received for sheep increased from \$50.78 per hundredweight in 1993 to \$64.73 in 1994, while feed costs per hundredweight produced decreased by \$3.33 to \$46.09. Most Illinois farmers who keep sheep do so as a supplemental enterprise in order to market nonsalable feeds and labor.

| Costs, returns, financial summaries, investments, land use, and crop yields for different sizes and types of Illinois farms are reported in Tables 19 to 27a. |
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Table 19. 1994 Average Return, Costs, and Financial Summary by Size and Management Returns for Northern and Central Illinois Grain Farms with Soil Ratings from 86 to 100

| | 000 001 | 1000 | 00077 000 | 0017 | | A II Parameter | 0 | 000 |
|--|-------------|------------------|------------|-----------|-----------|----------------|----------------|--------------|
| Range in size (total acres) | 180-339 | 340-799 | 800-1199 | Over 1199 | Your Farm | All Farms | ŗ | 340-799 |
| Management returns | بر 1 | 429 | 228 | 150 | | 858 | Low 25% 107 | Mign 25% |
| Total Corporate forms | 976 | 581 | 973 | 1 624 | |) 'Z | 548 | |
| Acres of tillable land | 265 | 562 | 686 686 | 1,540 | | 816 | 524 | 923 |
| Soil rating on tillable land | 93 | 92 | 92 | 91 | | 92 | 92 | |
| Total months labor | 1.1 | 12.9 | 16.2 | 24.0 | | 15.6 2.6 | 13.6 | 12.8 |
| Months of hired labor | 4.C | - | 7.4 7.4 | y J | | 0.0 | - C | - |
| Boei produced, nunaredweight Pork produced, hundredweight | > | -0 | 01 | 00 | | 10 |) | |
| Dairy cows, number | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Dollar returns per farm | 723 20 | 200 000 | 301 010 | EEE 771 | | 770 000 | 170 /11 | 213 85/ |
| Crop returns | 110,18 | 703,007 | 040,400 | 0000 | | 730,044 | , t , t | 243,03 |
| Custom work | 1 032 | 2 341 | 3.064 | 5 835 | | 3 241 | 1 529 | 0 |
| Other form receipts | 780,1 | 1718 | 0,00 | 4 974 | | 2,27 | 302 | 4,1 |
| Value of farm production | 99 421 | 207,874 | 349,209 | 578.977 | | 303,863 | 175,224 | 248,249 |
| Dollar costs per farm | | | | | | | | |
| Crop expenses | 23,022 | 47,867 | 77,823 | 126,468 | | 68,092 | 47,657 | 49,77 |
| Power and equipment | 18,316 | 33,133 | 54,112 | 88,002 | | 47,419 | 35,308 | 32,3 |
| Building and fence | 6,336 | 9,424 | 13,853 | 22,594 | | 12,720 | 11,365 | , B, |
| Labor | 18.378 | 21,356 | 27,209 | 41,722 | | 26,295 | 22,079 | 21,1 |
| Livestock services and supplies | 29 | 186 | 260 | 168 | | 195 | 148 | , CV |
| Taxes | 5,916 | 11,966 | 19,829 | 31,752 | | 17,155 | 11,135 | 13,116 |
| Insurance and miscellaneous | 3,392 | 5,890 | 9,023 | 15,054 | | 8,176 | 6,033 | 5,8 |
| Interest on nonland capital | 5,873 | 11,596 | 19,739 | 34,214 | | 17,374 | 12,139 | 11,8 |
| Land charge or net rent | 29,825 | 63,016 | 104,740 | 170,075 | | 90,847 | 58,853 | 9'69 |
| Total nonfeed cost | 111,125 | 204,433 | 326,585 | 530,047 | | 288,272 | 204,715 | 212,306 |
| Capital account adjustment | 1,181 | 948 | 1,143 | 1,704 | | 1,146 | 788 | 1,607 |
| Management returns | (10,522) | 4,388 | 23,765 | 50,633 | | 16,736 | (28,704) | 37,5 |
| Farm production per \$1.00 | | 9 | * | • | | 4 | 30 0 | 1 1 7 |
| of nonfeed costs | 0.09 | 20.1 | 70.1 | 60.1 | | - ? | 0.00 | - 0 |
| Farm production per man | 107,844 | 193,118 | 258,324 | 788,337 | | 233,371 | 154,270 | 233,502 |
| Financial summary | 0 | | 0000 | 000 | | 000 | 110 | Č |
| Cash operating income | 90,948 | 194,855 | 329,825 | 542,932 | | 285,398 | 1/3,014 | 218,302 |
| Inventory criange | 3,872 | 4,000 | 0,000 | 0,290 | | 4,000 | (3,505) | 2,0 |
| Accts, receivable (net change) | 4,009 | 10,230 | 000,71 | 24,309 | | 14,719 | 404,7 | 12,30 |
| Farm products used | 000 | 347 | 1 202 | 007 | | 063 | 736 | 10 |
| Less parchased reed | 9 0 | 126 | 200,- | 330 | i | 200 | 5 6 | |
| Adjusted gross farm income | 99 421 | 207 874 | 349 209 | 578 840 | | 303 839 | 175 224 | 248.2 |
| Cash operating expense | 48,342 | 92,581 | 153,569 | 251,414 | : | 133,926 | 92,637 | 95,371 |
| Prepaid expense (-if increased) | 621 | 135 | (1.781) | (421) | | (442) | 903 | |
| Accts, payable (+if increased) | 64 | 109 | 224 | 80 | | 132 | 117 | ,9/ |
| Farm-produced inputs | 88 | 345 | 597 | 718 | | 462 | 528 | 4 |
| Total operating expense | 49,117 | 93,170 | 152,607 | 251,789 | | 134,077 | 94,185 | 95,7 |
| Income before depreciation | 50,304 | 114,700 | 196,599 | 327,047 | | 169,759 | 81,039 | 152,470 |
| Less depreciation | 8,442 | 17,411 | 29,329 | 49,331 | | 25,625 | 20,178 | 16,0 |
| Capital account adjustment | 1,181 | 948 | 1,143 | 1,704 | | 1,146 | 88/ | 9,1,0 |
| Net farm income * | 43,044 | 98,237 | 168,413 | 2/9,421 | | 145,280 | 61,649 | 13/9 70/9 |
| (operator's snare) | 7,025 | 23,265 23,266 | 43.046 | 61.463 | | 34.235 | (9.587) | 56,184 |
| במסטו מ וווטן. וווכטווום סבו טטקומוטו | 0,000 | 20,1,01 | 0.00 | 0 0 | | 001 | (1) |) |

Note: Variations in totals due to rounding to the nearest dollar. Farms with soil ratings from 86 to 100 are those with nearly level, well-drained prairie soils. * Interest expense deducted from operator's share only. Shown in parentheses because it pertains to operator's net farm income only.

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| Operating Cos | C TALL CALL |
| 1994 Average | The Cartes of the Part of the Cartes of the |
| Table 19a. | |

| ומושל זון אדר (וטומו מסוכט) | | 010 | 200 | | | | |
|--|--------------|------------------|--|---------------|-----------|----------------|-----------------|
| Management returns Number of farms | 51 | 429 | 228 | 150 | 858 | Low 25% 107 | High 25% 107 |
| Some costs and returns per tillable acre | cre | | and the control of th | | | | |
| Soil fertility | 36.53 | 36.01 | 35.65 | 35.01 | 35.58 | 39.51 | 33.4 |
| Pesticides | 29.52 | 28.92 | 28.06 | 27.90 | 28.33 | 29.75 | 27.53 |
| Seed and other crop | 20.74 | 20.18 | 19.14 | 19.20 | 19.55 | 21.67 | 18.61 |
| Crop total | 86.79 | 85.11 | 82.85 | 82.11 | 83.46 | 90.93 | 79.67 |
| Light vehicle and utilities | 6.23 | 4.81 | 3.50 | 3.13 | 3.88 | 5.77 | 4.0 |
| Machinery repairs, supplies | 18.46 | 14.82 | 14.42 | 13.69 | 14.40 | 16.57 | 13.00 |
| Machinery hire | 9.38 | 5.39 | 4.62 | 4.61 | 4.97 | 5.92 | 5.34 |
| Fuel and oil | 9.09 | 7.42 | 7.29 | 7.41 | 7.41 | 8.04 | 2.00 |
| Machinery depreciation | 25.90 | 26.47 | 27.77 | 28.29 | 27.46 | 31.00 | 22.04 |
| Power and equipment total | 69.05 | 58.91 | 57.60 | 57.14 | 28.12 | 14.75 | 0.10 |
| Urying and storage | 14.30 | 10.03 | 9.30 | 4.0. | 9.97 | 0 50 | 0.7 |
| Building repair | 3.59 5.09 | - 000 | 2.75 0.75 | 3.72 | 3.00 | 7.41 | |
| Building depleciation | 23.80 | 16.76 | 14.75 | 14.67 | 15.59 | 21.68 | 13.33 |
| labor innaid | 67.39 | 34.19 | 21.47 | 15.99 | 24.94 | 36.93 | 30.3 |
| labor hired | 1 89 | 3.78 | 7.49 | 11.10 | 7.29 | 5.19 | 3.40 |
| Labor total | 66 59 | 37.97 | 28.96 | 27.09 | 32.23 | 42.13 | 33.8 |
| Value of feed fed | 0.03 | 0.11 | 0.12 | 0.12 | 0.11 | 0.14 | 0.1 |
| Capital purchases | 33.67 | 34.35 | 36.71 | 39,63 | 36.80 | 40.97 | 25.3 |
| Operator interest paid | 17.83 | 14.63 | 13.24 | 13.92 | 14.03 | 13.22 | 14.3 |
| Crop refurns | 367.86 | 362.39 | 365.57 | 368.00 | 365.32 | 328.95 | 390.1 |
| Livestock return above feed | 0.09 | 0.01 | 0.32 | 0.26 | 0.19 | -0.04 | 0.1 |
| Value of farm production | 374.81 | 369.62 | 371.75 | 375.92 | 372.45 | 334.32 | 397.2 |
| Total nonfeed cost | 418.94 | 363.50 | 347.66 | 344.15 | 353.34 | 390.59 | 339.68 |
| Management returns | -39.67 | 7.80 | 25.30 | 32.88 | 20.51 | -54.77 | 0.09 |
| Farm investment | Ċ | C | 4 0220 | 707 | 000 | 76 | Öc |
| Livestock inventory Grain inventory | 23 67 851 | 136 461 | 2,77,1 | 379.481 | 201.025 | 140.248 | 142.71 |
| Remaining cost in | | | 5 | | | | |
| machinery and auto | 12,699 | 28,339 | 53,872 | 112,510 | 48,909 | 30,766 | 28,059 |
| buildings and fence | 10,758 | 15,210 | 21,860 | 32,522 | 19,739 | 19,468 | 13,900 |
| soil fertility | 11 | 232 | /9 | 230 | 1/4 | 234 | 300 974 |
| Value of land (current) | 562,784 | 1,400,362 | 2,327,552 | 3,779,454 | 2,010,031 | 1,307,647 | 1 731 94 |
| Total investment per acre | 734,127 | 1,00,000,1 | 2,039,310 | 7,504,923 | 2,503,5 | 2.736 | 2.711 |
| Machinery invest, per till, acre | 48 | 50 | 57 | 73 | 09 | 59 | 4 |
| Percent tilláble land in | | | 1 | | i | Ĭ | ĭ |
| Corn and corn silage | 53.5 | 51.6 | 51.2 | 51.1 | 51.4 | 51.4 | . [2 |
| Soybeans | 45.6 | 46.6 | 47.0 | 46.3 | 46.6 | 47.3 | 40.0 |
| Wheat | 5.0 | Σ. C | | 4. 0 | 0.0 | 0.0 | o c |
| Other small grain | 5.0 |))) (| 0.0 |) () () | | 900 | |
| Ulverted acres | - o | - o | | | . 0 | N 6. | 0.0 |
| Crop vields, bushels per acre | 7.0 | 1.0 | - 5 | i | j |) | i |
| Corn | 184 | 180 | 182 | 185 | 182 | 173 | 187 |
| Soybeans | 54 | 23 | 23 | 53 | 23 | 20 | i c |
| 1000 | 0 | 7 / | 2 | 174 | 50 | | • |

Table 20. 1994 Average Return, Costs, and Financial Summary by Size and Management Returns for Northern and Central Illinois

| Gram Parins Will Son nathings | I natilitys iio | 20 00 00 110 11 | | | | | | |
|--|-------------------|----------------------------|--------------------|------------------|-----------|------------------|------------------|------------------------|
| Range in size (total acres) | 180-339 | 340-799 | 800-1199 | Over 1199 | Your Farm | All Farms | (| 340-799 |
| Management returns Number of farms | 3 | 266 | 146 | 1 | | 554 | Low 25% 67 | High 25% 67 |
| | 070 | 202 | 920 | 1 644 | | 100 | E 40 | CAO |
| Acres of tillable land | 256 | 2000 2000 3000 | 976 928 | 1,521 | | 836 | 516 516 | 627 |
| Soil rating on tillable land Total months labor | 12.5 | 13.2 | 15.5 | 20.8 | | 15.3 | 13.9 | 13.1 |
| Months of hired labor | 1.0 | 1.5 | 3.0 | 6.5 | | 2.8 | 2.0 | _ |
| Beer produced, nundredweight Pork produced, hundredweight | VO(| - + (| 00 | റന | | O + (| 000 | |
| Dairy cows, number Dollar returns per farm | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Crop returns | 88,359 | 194,653 | 317,755 | 524,590 | | 287,254 | 156,258 | 234,87 |
| Livestock returns above teed | 72 | 64 | 15/ | 9/2 | | 0 01 | () | 206 |
| Custom work | 1,493 | 2,301 | 4,365 0.163 | 8,181 | | 3,878 | 1,983 2,185 | υ, - Ω Δ |
| Value of farm production | 90,563 | 198,762 | 324,439 | 536,858 | | 293,569 | 160,424 | 240,428 |
| Dollar costs per farm | | . 11 | 1 | | | 700 | 0 4 | 0.4 |
| Crop expenses | 22,900 | 47,024 | 78,715 | 125,684 | | 09,780 | 22 016 | 46,074 |
| Power and equipment | 17,134 6.135 | 32,103 8,703 | 17 775 | 19,779 | | 12,413 | 23,010 8.756 | 32,146 7 458 |
| Labor | 20,621 | 21,606 | 25,609 | 34.286 | | 25,146 | 22,417 | 21,45 |
| Livestock services and supplies | 77 | 143 | 133 | 258 | | 160 | 302 | 108 |
| Taxes | 4,725 | 9,568 | 14,998 | 24,641 | | 13,748 | 8,728 | 10,492 |
| Insurance and miscellaneous | 3,653 | 6,312 | 10,066 | 14,776 | | 8,848 | 6,300 | 0,0 |
| Interest on nonland capital | 5,564 | 10,694 | 18,387 | 29,113 | | 16,125 | 9,979 | 10,7 |
| Land charge or net rent | 24,835 105,643 | 53,286 | 301,800 | 470.082 | | 200,77 | 185 900 | 196.366 |
| Capital account adjustment | 605 | 1,058 | 2,000 | 2,834 | | 1,710 | 324 | 1.75 |
| Management returns | (14,474) | 10,382 | 24,916 | 69,611 | | 24,688 | (25, 152) | 45,81 |
| Farm production per \$1.00 of nonfeed costs | 0.86 | 1.05 | 1.08 | 1.14 | | 1.08 | 0.86 | 1.22 |
| Farm production per man | 86,918 | 180,231 | 250 | 309,726 | | 230,031 | 138,051 | 220,315 |
| Financial summary | 000 | 170 561 | | 757 050 | | 300 090 | 160 000 | 041 |
| Cash operating income | (1,255) | 10,069 | 15,190 | 407,030 | | 18 630 | (1 417) | 187 |
| Accts, receivable (net change) | 4,384 | 9,536 | | 22,787 | | 13,643 | 8,095 | 11,551 |
| Farm products used | 140 | 240 | | 541 | | 332 | 211 | 21 |
| Less purchased feed | 573 | 277 | | 2,132 | | 1,138 | 263 | 1,097 |
| Less purchased livestock | 33 | 29 | | 635 | | 225 | 200 | |
| Adjusted gross tarm income Cash operating expense | 90,563 47,675 | 198,762 89,557 | 324,439 145,192 | 536,844 | | 131,273 | 89,338 | 90.468 |
| Prepaid expense (-if increased) | (206) | (524) | 1,366 | (897) | | (83) | 206 | (785) |
| Accts. payable (+if increased) | 113 | 115 | 238 | ,186 | | 162 | 217 | Ξ. |
| Farm-produced inputs | 95 | 230 | 365 | 524 | | 317 | 211 | 198 |
| Total operating expense | 47,677 | 89,377 | 147,161 | 236,095 | | 131,668 | 89,973 | 89,775 |
| incorrie beiore depreciation Less denreciation | 42,880 8,330 | 16,349 | 20,779 | 43,357 | | 24.818 | 16,834 | 16.736 |
| Capital account adjustment | 605 | 1.058 | 2.277 | 2.834 | | 1,710 | 324 | 1,7 |
| Net farm income * | 35,159 | 94,094 | 149,903 | 260,227 | | 138,791 | 53,941 | 135,6 |
| (operator's share) * Labor & mot. income per operator | 17,786 4,544 | 37,433 29,699 | 54,858 44,096 | 92,149 82,543 | | 51,889 42.673 | 9,561 (5,416) | 60,722 65,266 |
| Date carried on investment % | 0 70 | , , , , , , | 200 | 6.80 | | 6.04 | 275 | 7 |

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| 146 | | 100-238 | 340-789 | 800-1188 | Over 1199 | Your Farm | All Farms | 340 | 340-799 |
|--|---------------------------------------|-------------|----------------|----------|--|-----------|----------------|-----------------|------------|
| 40.87 36.06 146 111 554 67.7 40.87 36.06 36.54 34.32 28.36 40.73 28.38 27.34 28.46 36.56 40.62 58.35 19.87 14.32 14.05 3.26 40.6 58.35 19.87 14.32 14.05 3.26 40.6 58.35 19.87 14.32 14.05 3.26 40.6 58.35 19.87 14.32 14.05 3.26 40.6 58.35 22.89 24.13 2.489 6.64 6.65 40.6 58.43 22.89 2.13 2.26 3.71 42.7 42.0 2.84 42.0 2.84 42.0 2.84 42.0 2.84 42.0 2.84 42.0 2.84 42.0 2.84 42.0 2.84 42.0 2.84 42.0 2.84 42.0 2.84 42.0 2.84 42.0 2.84 42.0 2.84 42.0 2.84 | Management returns | | | | | | | Low 25% | High 25% |
| 40.87 36.05 36.54 34.32 35.65 40.73 40.73 40.73 40.73 40.73 40.73 40.73 40.73 40.73 40.73 40.73 40.73 40.73 40.73 20.83 <th< th=""><th>Number of farms</th><th>31</th><th>266</th><th>146</th><th>111</th><th></th><th>554</th><th>29</th><th>29</th></th<> | Number of farms | 31 | 266 | 146 | 111 | | 554 | 29 | 29 |
| 26.54 29.43 29.56 29.49 29.43 29.56 20.89 <th< td=""><td>Some costs and returns per tillable a</td><td>ıcre</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<> | Some costs and returns per tillable a | ıcre | | | | | | | |
| 44 29.15 29.15 28.49 28.35 74 94.86 29.15 28.49 28.35 77 94.86 25.24 32.0 4.06 5.28 7.32 7.38 7.39 28.49 28.49 8.15 5.524 6.51 28.49 28.49 8.15 5.524 6.51 28.49 6.49 8.15 7.60 4.37 6.54 6.54 8.15 7.60 8.34 9.92 2.84 8.16 1.30 1.69 2.00 2.84 8.16 1.50 2.52 3.00 3.85 2.84 3.85 | Soil fertility | 40.87 | 36.05 | 36.54 | 34.32 | | 35.65 | 40.73 | 31.85 |
| 19.18 19.38 19.19 19.38 19.38 19.38 19.38 19.38 19.38 19.38 19.38 19.38 19.38 19.38 19.38 19.39 19.3 | Pesticides | 28.38 | 27.34 | 28.94 | 29.15 | | 28.49 | 28.35 | 26.73 |
| 82.66 83.46 89.97 82.73 82.86 83.46 89.97 82.73 6.51 5.93 6.40 6.52 83.27 7.38 24.80 25.31 28.43 84.99 83.27 7.38 24.80 25.31 28.43 84.99 84.99 83.27 7.38 24.80 22.53 28.43 84.99 84.99 84.99 84.99 84.90 85.00 36.00 37.36 36.30 36. | Seed and other crop | 20.28 | 19.38 | 19.38 | 19.19 | | 19.33 | 20.89 | 18.93 |
| 14.28 13.20 4.06 5.28 14.05 13.35 13.36 15.28 13.2 27.38 24.30 16.94 13.2 27.38 24.30 16.94 13.2 24.30 28.43 28.43 13.2 24.30 28.34 28.43 13.2 24.30 28.34 28.92 13.3 27.43 28.45 28.45 13.4 22.55 37.0 38.62 13.6 22.55 30.0 37.36 14.7 22.55 30.0 37.36 15.8 24.50 38.62 37.36 15.8 34.50 37.36 37.36 16.9 34.75 35.30 37.36 17.0 37.36 37.36 37.36 18.9 34.50 34.50 34.55 19.0 34.70 34.55 36.35 11 0.1 30.1 37.36 12 35.30 35.30 35.30 12 36.40 36.35 36.35 12 36.40 37.36 36.35 12 36.40 37.36 37.60 12 36.40 37.36 37.60 | Crop total | 89.52 | 82.77 | 84.86 | 82.66 | | 83.46 | 89.97 | 77.51 |
| 14.05 6.34 15.94 13.25 13.45 13.98 16.94 27.38 2.480 2.53.1 6.54 28.15 2.480 2.85 4.9 28.15 2.480 2.85 4.9 28.15 2.480 2.85 4.9 28.16 2.2 3.7 4.2 4.58 3.7 4.37 4.37 4.58 6.78 3.00 4.34 28.25 3.00 4.34 4.35 28.26 3.4 3.00 4.34 28.26 3.4 3.00 4.34 38.05 3.4 3.00 4.34 38.05 3.4 3.00 4.34 38.05 3.4 3.00 4.34 38.06 3.4 3.00 3.3 38.07 3.4 3.00 3.3 38.08 3.2 3.4 3.0 38.09 4.3 3.0 3.0 38.00 4.3 3.0 3.0 38.00 4.3 3.0 3.0 38.00 4.3 3.0 3.0 38.00 4.3 3.0 3.0 38.00 4.3 3.0 | Light vehicle and utilities | 7.96 | 4.61 | 4.28 | 3.20 | | 4.06 | 5.28 | 3.89 |
| 2.7.3 5.51 6.51 5.93 6.40 3.7.3 2.8.8 7.8.9 6.40 6.5.4 6.5.4 6.5.4 6.5.4 6.40 6.5.4 <td>Machinery repairs, supplies</td> <td>19.87</td> <td>14.32</td> <td>14.05</td> <td>13.35</td> <td></td> <td>13.98</td> <td>16.94</td> <td>12.55</td> | Machinery repairs, supplies | 19.87 | 14.32 | 14.05 | 13.35 | | 13.98 | 16.94 | 12.55 |
| 26.73 27.36 27.36 27.37 28.43 31 28.15 24.80 25.31 28.43 32 2.16 3.71 4.37 4.20 2.84 32 2.16 3.71 4.37 4.20 2.85 32 2.16 3.71 4.37 4.20 2.85 32 2.76 2.25 30.07 4.89 2.85 33 3.25.60 36.00 37.36 36.26 34 2.25 30.07 4.83 37.36 35 36.05 37.36 37.36 37.36 36 3.49.77 35.30 36.30 37.36 36.36 37 36.06 36.07 37.36 36.36 37.36 37 36.06 36.07 37.36 36.36 37.36 38 30.16 36.07 37.36 36.36 39 36.07 36.36 36.37 37.36 30 36.37 36.36 36.37 37.36 30 37.47 36.36 36.36 36.37 37.44 30 37.47 36.36 36.36 36.37 36.36 31 1.899.635 3.056.616 | Machinery hire | 7.95 | 5.92 | 5.11 | 6.51 | | 5.93 | 6.40 | 5.15 |
| 2.7.36 55.24 56.34 55.34 55.34 3.7 1.69 2.00 2.00 2.85 4.58 3.71 1.69 2.00 2.85 4.56 1.307 1.69 2.00 2.85 4.56 4.58 3.76 4.20 4.28 4.50 4.30 4.20 4.20 4.20 4.50 4.30 4.30 4.20 4.20 4.50 4.30 4.30 4.20 4.20 4.76 5.00 4.30 4.20 4.20 4.76 4.76 5.00 4.34 4.34 4.76 4.20 4.20 4.34 4.34 4.77 4.20 4.20 4.20 4.20 4.77 4.20 4.20 4.20 4.20 4.77 4.20 4.20 4.20 4.20 4.77 4.20 4.20 4.20 4.20 4.77 4.20 4.20 4.20 | Fuel and oil | 0.00 | 7.33 | 7.32 | 7.30 | | 54.70 | 0.43 | 0.70 |
| 98.19 7.60 8.34 99.24 2.19 1.69 2.04 2.83 2.19 1.69 2.04 2.83 2.19 1.69 2.00 2.85 2.271 1.576 2.00 2.86 2.271 1.576 2.00 38.62 2.271 2.255 30.07 4.83 2.256 3.00 37.36 37.36 3.80.5 3.8.80 37.36 37.36 3.4.96 3.43.52 30.14 37.36 3.49.77 35.30 35.36 37.36 3.49.77 35.30 35.36 37.36 3.49.77 35.30 35.36 36.31 3.49.77 35.30 35.36 36.31 3.49.77 30.15 44 174.25 3.49.77 30.15 44.25 104.05 3.49.77 30.15 44.25 104.05 3.49.77 30.56 16 1.772.46 3.49.77 <t< td=""><td>Machinery depreciation</td><td>22.89</td><td>24.13</td><td>27.38</td><td>24.80</td><td></td><td>25.31</td><td>28.43</td><td>22.64</td></t<> | Machinery depreciation | 22.89 | 24.13 | 27.38 | 24.80 | | 25.31 | 28.43 | 22.64 |
| 2.19 1.69 2.03 2.85 4.56 1.50 1.69 2.03 2.85 4.56 1.50 1.69 2.03 2.85 2.10 1.50 2.25 30.07 4.83 4.89 2.25 30.07 4.84 3.65 2.10 0.19 30.07 4.84 3.65 3.80 1.4.96 1.5.16 37.36 4.84 3.80 1.4.96 1.5.16 37.36 37.36 3.80 1.4.96 1.5.16 37.36 37.36 3.80 1.4.96 1.5.16 37.36 37.36 3.80 1.4.96 1.5.16 37.36 37.36 3.80 1.5.16 3.30 3.60 36.31 3.80 1.5.47 30.15.74 1.74.257 104.052 11.04 3.80 1.5.44 1.74.257 104.052 11.04 3.80 1.5.44 1.74.257 104.052 11.04 3.80 1.5.44 1.74.257 104.052 11.04 3.80 1.5.44 1.74.257 104.052 11.04 3.80 1.5.44 1.74.257 1.04.052 11.04 3.80 2.176.401 <t< td=""><td>Power and equipment total</td><td>55.98</td><td>16.0c</td><td>28.15</td><td>55.24</td><td></td><td>26.71</td><td>65.54</td><td>51.29</td></t<> | Power and equipment total | 55.98 | 16.0c | 28.15 | 55.24 | | 26.71 | 65.54 | 51.29 |
| 4.58 3.71 4.58 3.71 4.58 3.71 4.58 4.89 5.7 4.83 5.7 4.83 5.7 4.83 5.8 3.00 5.8 3.00 5.8 3.00 5.8 3.00 5.8 3.00 5.8 3.00 5.8 3.00 6.1 3.00 6.2 3.00 6.2 3.00 7 3.00 11 0.0 12 3.0 13 3.0 14 3.0 15.6 3.0 16 0.1 17 0.1 18 3.0 18 3.0 19 3.0 11 3.0 12 3.0 13 3.0 14 3.0 15 3.0 16 3.0 17 3.0 18 3.0 19 3.0 10 3.0 11 3.0 12 3.0 13 3.0 14 3.0 </td <td>Drying and storage</td> <td>10.40</td> <td>0.0 0.0</td> <td>0.83</td> <td>09.7</td> <td></td> <td>8.34</td> <td>20.00</td> <td>0.44</td> | Drying and storage | 10.40 | 0.0 0.0 | 0.83 | 09.7 | | 8.34 | 20.00 | 0.44 |
| 15.61 13.01 14.37 14.37 16.97 22.71 15.76 22.55 30.07 38.62 21.61 22.55 30.07 43.45 0.13 0.19 0.02 37.36 38.05 35.80 35.00 37.36 38.05 36.30 37.36 37.36 38.05 34.35 30.08 37.36 38.05 34.77 353.07 35.00 37.36 38.07 353.07 35.108 30.36 30.36 38.6 45.78 45.78 29.52 48.75 38.419 87.696 46.536 104.052 11.04.05 39 20,214 29.294 18,256 11.107 39 20,214 29.294 18,256 11.107 39 20,214 29.294 18,256 11.205 30 20,20 2,256 2,256 2,256 30 20,20 3,476,765 1,252,104 1,235,887 < | Building repair | 00.00 | 2.00 | Z. Z | 1.09 | | 2.00 | 2.83 | 04.1 |
| 22.71 15.00 22.71 15.00 38.02 38.02 38.02 38.02 38.02 38.03 38.02 38.03 38.05 35.80 35.80 35.80 35.80 35.00 | Duilding depreciation | 00.00 | 4.00 500.01 | 4.30 | 10.0 | | 4.0.4 4.0.4 | 4.20 | 7.00 |
| 25.56 25.55 30.07 4.83 27.61 22.55 30.07 4.83 28.25 30.07 4.83 4.83 38.25 34.50 35.07 4.83 38.25 34.50 35.00 36.03 38.35 34.50 35.08 36.31 39.77 35.30 35.08 36.31 37.36 39.77 35.30 35.08 36.31 37.36 30.77 35.30 35.08 36.31 37.36 30.77 35.24 45.78 29.52 48.75 30.74 47 47.74 47.74 47.74 30.76 47 47.24 46.536 46.536 47.74 30.76 47 47.24 47.24 47.24 47.24 47.24 30.76 42.0 42.0 42.0 42.0 42.0 42.0 42.9 42.9 42.0 42.0 42.0 42.0 42.0 42.0 | Double uppoid | 75.00 | 37.77 | 00.00 | 15.01 | | 00.00 | 38.63 | 31.61 |
| 27.61 22.55 30.07 43.45 38.05 35.80 35.00 37.36 38.05 35.80 35.00 37.36 38.05 34.50 37.36 37.36 38.05 34.50 37.36 37.36 38.05 34.50 37.36 302.86 38.07 353.07 36.31 302.86 38.07 36.31 36.31 30.93 38.07 36.31 36.31 30.93 38.07 37.48 36.31 36.31 38.07 37.48 174,257 104,052 11.107 39.07 37.47 301,574 174,257 104,052 11.37 37 1899,635 3.056,616 1,712,48 104,052 11.37 37 1899,635 3.056,616 1,712,48 104,052 11.37 37 42.30 2,159 2,159 2,256 52.66 30 42.9 42.9 42.9 42.9 42.9 | Labor, unipaid | 7.50 | 3 200 | 7 80 | 6.78 | | 25.00 | 70.02 | 0.10 |
| 27.01 27.02 38.05 36.00 37.00 34.56 34.50 37.36 34.56 34.50 37.36 34.57 34.50 30.00 34.56 34.50 37.36 34.57 36.00 37.36 349.77 36.00 310.93 36.36 45.78 323.60 37.7 36.00 323.60 37.7 309.16 29.52 38 197.47 301.574 174.257 39 197.477 301.574 174.257 30 197.477 301.574 174.257 31 1899.635 3.056.616 16.02.967 31 1.899.635 3.056.616 1.712.486 1.092.967 1.3 32 1.899.635 3.056.616 1.712.486 1.092.967 1.3 32 1.899.635 3.056.616 1.346.656 1.367.656 1.367.656 32 2.230 2.159 2.215 2.256 | Labor, Illied | 24.00 | 00.00 | 4.03 | 22.00 | | 20.00 | 42.50 A 4.00 | 0.70 |
| 35.06 36.18 36.19 37.36 37.36 37.36 37.36 37.36 37.36 37.36 37.37 37.36 37.37 | Value of food fod | 0.00 | 20.00 | 0.12 | 65.22 | | 20.00 | 2.0 | 04.23 |
| 38.05 35.80 35.80 37.30 44 15.82 14.96 15.16 15.33 342.56 345.01 343.52 302.86 15 0.17 0.05 343.52 325.36 369.16 323.60 360.31 26.86 45.78 360.31 27 26.86 45.78 360.31 27 26.86 45.76 104.052 30 16.24 174.257 104.052 31 47 47 47 32 30.56.616 11,107 31 47 47 32 30.56.616 1,712.486 1,092.967 34 1,712.486 1,092.967 1,35 36 2,159 2,159 2,256 37 1,899.635 3,406.765 1,952.104 1,235,887 1,4 36 2,230 2,159 2,256 2,256 37 1,1 1,3 1,1 1,7 39 42.9 42.0 1,3 1,7 30 1,1 0.1 0.1 0.1 30 0.4 0.2 0.4 0.2 30 0.4 0.5 0.4 <td< td=""><td>value oi leed led</td><td>2.00</td><td>0.00</td><td>20.00</td><td>2.0</td><td></td><td></td><td>0.00</td><td>- 0</td></td<> | value oi leed led | 2.00 | 0.00 | 20.00 | 2.0 | | | 0.00 | - 0 |
| 342.56 343.52 302.86 342.56 349.77 353.07 360.31 310.93 353.07 353.07 360.31 323.60 360.31 323.60 360.31 323.60 360.31 323.60 360.31 323.60 360.31 323.60 360.31 323.60 360.31 323.60 37 44 37 301,574 31 3056.61 31 3,476,765 32 3,456,765 31 1,712,486 31 1,3476,765 32 1,352,104 34 1,235,887 36 2,230 2,159 2,215 36 52.3 52 52.3 52 42.0 34 1,3476,765 36 52.3 42.0 1,3476,765 36 52.3 52 63 42.0 1,3476,765 36 42.0 37 1,3476,765 38 1,642.9 42.0 1,3476,765 39 42.9 42.0 1,3476,76 | Capital purchases | 30.21 | 31.62 | 38.03 | 35.80 | | 33.00 | 37.30 | 20.19 |
| 25. 36. 36. 36. 36. 36. 36. 36. 37. 353.07 26.86 | Operator Interest pard | 74.70 | 24.94 | 20.02 | 24.90 | | 242.52 | 20.33 | 27.19 |
| 349.77 353.07 353.09 36.31 36.31 26.86 45.78 309.16 25.36 36.31 26.86 45.78 36.31 325.36 36.31 30.97 309.16 29.52 45.78 1,544 56.8 30.20 1,544 174,257 30.21 29.29 104,052 31 47 174,257 40 100,20 11,107 41 100,20 11,107 42 100,20 11,107 43 11,107 11,107 44 11,107 11,107 45 11,107 11,107 47 11,107 11,107 47 11,107 11,107 47 11,107 11,107 47 11,107 11,107 47 11,107 11,107 47 11,107 11,107 47 11,107 11,107 47 11,107 11,107 47 11,107 11,107 47 11,107 11,107 47 11,107 11,107 47 11,107 11,107 47 | Crop returns | 040.4 | 047.00 | 047.00 | 0.45.01 | 0 | 243.32 | 202.00 | 07.4.00 |
| 59.36 353.07 50.37 353.07 57 45.78 58 49,47 301,574 59 46,536 46,536 20,214 29,294 46,536 27,744 59 20,214 29,294 46,536 1,107 11 58,419 87,696 46,536 1,107 12 1,899,635 3,056,616 1,712,486 1,092,967 1,3 17 1,899,635 3,056,616 1,712,486 1,092,967 1,3 10 2,230 2,159 2,215 2,256 17 63 42.0 1,952,104 1,235,887 1,4 10 52.30 52.35 52.256 54 10 0.1 0.1 0.1 0.1 10 0.1 0.1 0.1 0.1 10 0.1 0.2 0.4 0.2 10 0.1 0.2 0.4 0.2 10 0.1 0.2 0.4 0.2 10 0.1 0.2 0.4 0.2 10 0.1 0.2 0.4 0.2 10 0.2 0.3 0.4 0.2 10 | Volue of form and leed | 0.70 | 0.11 | 0.17 | 0.03 | | 00.1-0 | 0.00 | <u>ر</u> د |
| 26.86 45.78 29.52 -48.75 -48.7 | Value of farm production | 354.03 | 349.80 | 349.77 | 353.07 | | 351.08 | 350.93 | つて |
| 642 1,544 174,257 104,052 1 1,544 174,257 104,052 1 1,574 174,257 104,052 1 1,574 1 1,58419 87,696 18,226 11,107 12,486 1,092,967 1,395,055 1,401 3,476,765 1,952,104 1,235,887 1,486 2,176,401 3,476,765 2,215 2,215 2,216 2,216 2,216 2,216 2,216 2,216 3,42.9 42.0 1.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0 | Management returns | 76.59 | 18 27 | 26.86 | 45.78 | | 29.52 | -48.75 | 73.11 |
| 59 | Farm investment | | | | | | | |) |
| 52 197,477 301,574 174,257 104,052 1 21 58,419 87,696 46,536 27,744 59 20,214 29,294 18,226 11,107 19 31 47 1,712,486 1,092,967 1,3 10 2,176,401 3,476,765 1,235,887 1,3 10 2,159 2,215 2,215 2,256 10 52.8 52.3 56 54 10 52.8 52.3 42.9 11 0.1 0.1 0.1 12 0.1 0.1 0.1 13 0.1 0.1 0.1 14 0.2 0.2 0.2 15 50 50 51 16 50 50 51 16 50 50 51 16 61 61 61 | Livestock inventory | 242 | 159 | 642 | 1,544 | | 568 | 4 | 323 |
| 20,214 29,294 46,536 27,744 20,214 29,294 18,226 11,107 47 47 41 12 27 1,899,635 3,056,616 1,712,486 1,092,967 27 1,899,635 3,476,765 1,235,887 1,3 26 2,176,401 3,476,765 1,952,104 1,235,887 1,4 30 2,230 2,159 2,215 2,256 54 42.9 42.0 42.0 42.9 42.9 42.0 1.1 0.1 0.1 10 0.1 0.1 0.1 0.1 11 0.1 0.2 0.2 12 0.2 0.2 0.2 13 0.2 0.4 0.2 14 170 167 47 15 50 50 51 61 50 50 50 61 61 | Grain inventory | 65,477 | 121,062 | 47 | 57 | | 74 | 104,052 | 128,463 |
| 21 58,419 87,696 46,536 27,744 29,294 18,226 11,107 41 17,107 49 31 47 41,107 41 17,107 41 17,107 41 17,107 41 17,107 41 17,107 41 17,107 41 17,107 41 17,107 41 17,107 41 17,107 42.9 42.9 42.9 42.9 42.9 42.9 42.9 42.9 | Remaining cost in | | | | | | | | |
| 29, 294 18,226 11,107 41 107 41 107 41 107 41 107 41 107 41 108 61 61 61 108 61 61 108 61 61 108 61 61 61 108 61 61 61 108 61 61 61 108 61 61 61 108 61 61 108 61 61 108 61 61 108 61 108 61 61 108 61 | machinery and auto | 12,366 | 9 | 58,419 | 87,696 | | 46,536 | 27,744 | 27,557 |
| 1,899,635 2,76,401 3,476,765 2,176,401 3,476,765 1,952,104 1,235,887 2,230 2,215 2,256 1,952,104 1,235,887 2,256 54.0 3.4 42.0 3.4 1.1 1.3 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 | buildings and fence | 8,416 | 13,659 | 20,214 | 29,294 | | 18,226 | 11,107 | 10,904 |
| 2, 1,899,635 3,056,516 1,712,486 1,092,907 2,126 2,176,401 3,476,765 1,952,104 1,235,887 2,236 2,230 2,159 58 58 58 58 58 58 61 661 1,092,907 1,952,907 1,952,907 1,952,907 1,952,907 1,952,907 1,907 | soil tertility | 0 00 | 49 | 0 | / 4 | | | 7.000 | Č |
| 2,230 2,159 1,235,007 2,256 2, | Value of land (current) | 551,890 | 1,184,127 | 20.4 | 3,056,616 | | | 1,092,967 | 2,4 |
| 17 | Total invostment | 038,390 | 1,343,800 | _ | 3,470,703 | | | 7,533,007 | 0,400,900 |
| 52.8 52.3 52.7 52.0 42.9 42.9 42.0 1.1 1.3 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 | Machinery invest per till acre | 2,333 48 | 2,200 | 63 | 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2 | | 5,2,3 | 5.4 | 44 |
| 52.8 52.3 52.7 52.0 42.9 42.0 42.0 42.6 42.9 1.1 1.3 1.1 1.7 1.1 0.1 0.1 0.1 1.2 0.1 0.1 0.1 1.3 0.8 3.4 1.4 1.7 0.2 0.4 0.2 1.5 50 50 51 47 54 59 61 61 61 | Percent tillable land in | 0 | | 8 | | | | | |
| .9 42.9 42.0 42.6 42.9 .9 1.1 1.3 1.1 1.7 .1 0.1 0.1 0.1 0.1 .0 0.1 0.1 0.1 0.1 .0 0.1 1.3 0.8 3.4 .5 0.4 0.2 0.4 0.2 .5 50 50 51 47 .5 50 50 61 61 .6 61 61 61 | Corn and corn silage | 53.9 | 53.0 | 52.8 | 52.3 | | 52.7 | 52.0 | 53.9 |
| 1.1 1.3 1.1 1.7 1.7 1.1 1.7 1.7 1.1 1.7 1.7 1.2 1.1 1.7 1.2 1.3 1.4 1.7 1.3 1.4 1.4 1.5 1.5 1.5 1.4 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 | Soybeans | 43.0 | 42.9 | 42.9 | 42.0 | | 42.6 | 42.9 | 42.6 |
| .1 0.1 0.1 0.1 .0 0.1 1.3 0.8 3.4 .5 0.4 0.2 0.4 0.2 .8 164 170 167 152 .1 50 50 51 47 .1 61 61 | Wheat | 0.3 | 6.0 | 1.1 | 1.3 | | | 1.7 | 0.3 |
| .5 0.4 0.2 0.8 5.4 .5 0.4 0.2 0.4 0.2 .5 0.4 0.2 | Other small grain | 0.2 | 0.1 | 0.1 | 0.1 | | 0.1 | 0.0 | 0.0 |
| 58 164 170 167 152 51 50 50 51 47 54 59 59 61 61 | Diverted acres | |). O. R | - C | ω. α | | 0.0 | a, ⊂ | 0.0 |
| 58 164 170 167 152 51 50 50 51 47 54 59 61 61 61 | Crop vields bushels per acre | 2: | ? | r S | N.O | | i. |) i | |
| 51 50 50 51 47 54 59 59 61 61 | Corn | 168 | 168 | 164 | 170 | | 167 | 152 | 178 |
| 29 29 29 | Soybeans | 52 | 51 | 200 | 20 | | 2 | 47 | 54 |
| LOT TO THE REPORT OF THE PARTY | Wheat | 680 | À | 60 : | 28 | 3 | - | | 00 |

Table 21. 1994 Average Return, Costs, and Financial Summary by Size and Months of Labor for Northern and Central Illinois

| nange in size (rotal acres) | 69-759 | te (total acres) 60-259 260-499 | 500-799 | Over 799 | Your Farm | All Farms | Months of Labor | |
|---|------------------------------|---------------------------------|----------------------------------|-------------------------------|-----------|-----------------------------------|------------------------------|--------------------------------------|
| Management returns Number of farms | 12 | 35 | 32 | 33 | | 112 | 21-27 | 31-39 |
| Total acres in farm Acres of tillable land Soil rating on tillable land | 193 184 93 | 382 359 90 | 634 599 90 | 1,089 1,022 90 | | 642 604 91 | 647 606 90 | 1,010 964 91 |
| Total months labor Months of hired labor Beef produced, hundredweight Pork produced, hundredweight Dairy cows, number | 14.7 3.5 2,392 0 | 19.1 5.3 101 4,219 | 25.8 11.3 83 6,535 0 | 39.4 23.5 328 10,046 | | 26.5 12.2 151 6,402 0 | 24.5 7.2 192 5,064 | 36.3 21.4 265 13,993 |
| Crop returns Crop returns Livestock returns above feed Custom work | 58,594 22,100 290 | 121,481 46,233 869 | 205,765 59,287 2,008 | 366,819 108,838 3,599 | | 211,111 65,823 1,936 | 209,110 44,831 2,433 | 359,178 156,022 3,247 6,407 |
| Value of farm production | 81,825 | 170,073 | 270,789 | 488,887 | | 283,330 | 260,764 | 524,856 |
| Crop expenses Power and equipment | 14,667 25,224 | 29,382 36,419 | 47,199 53,335 | 83,536 93,525 | | 48,852 56,879 | 51,475 50,200 | 79,400 105,784 |
| Building and fence Labor | 7,565 24,538 | 13,091 | 19,032 42,633 | 44,129 76,610 | | 23,341 | 14,008 | 70,16 101,02 |
| Livestock services and supplies Taxes | 4,614 5,204 | 10,271 8,949 | 15,368 14,351 | 25,833 | | 15,706 | 12,930 | 28,24 |
| Insurance and miscellaneous Interest on nonland capital | 3,683 9,027 | 5,606 16,809 | 9,783 25,121 | 18,835 52,016 | | 10,491 28,723 | 8,882 22,771 | 20,49 67,02 |
| Total nonfeed cost | 115,961 | 192,856 | 293,585 | 532,073 | | 313,345 | 281,900 | 620,560 |
| Management returns | (34,053) | (22,035) | (22,348) | (42,301) | | (29,383) | | (93,899) |
| rarm production per \$1.00 of nonfeed costs Farm production per man | 0.71 | 0.88 | 0.92 125,933 | 0.92 | | 0.90 | 0.93 127,661 | 0.85 173,347 |
| Financial summary | | | | | | | | 0 |
| Cash operating income Inventory change Accts. receivable (net change) | 142,573 (13,313) 3,709 | 255,960 (12,371) 5,522 | 412,263 (22,958) 10,608 | 694,187 (24,008) 15,695 | | 417,590 (18,925) 9,778 | 378,456 (20,919) 8,542 | 802,592 (36,372) 15,873 |
| Farm products used | 193 | 449 | 458 | 1,276 | | 668 | 800 | 1,04 |
| Less purchased reed Less purchased livestock | 47,033 | 04,305 15,181 | 16,150 | 44,725 | | 22,996 | 21,625 | 45,61 |
| Adjusted gross farm income | 81,843 | 170,073 | 270,802 | 488,929 | | 283,348 | 260,764 | 524,85 |
| Cash operating expense Prepaid expense (-if increased) | 55,265 309 | 93,711 395 | 146,102 4,333 | 10,269 | | 4,420 | 4,742 | 12,61 |
| Accts. payable (+if increased) | 100 | (344) | 377 | 2,016 | | 000 050 050 | (234) 464 | 4,69 |
| Total operating expense | 55,674 | 93,907 | 151,005 | 279,225 | | 160,727 | 137,917 | 336,64 |
| Income before depreciation I ess depreciation | 26,169 | 76,166 | 119,797 | 209,704 | | 122,621 32,338 | 122,847 25.348 | 188,207 |
| Capital account adjustment | 000 | 748 | 447 | 885 | | 631 | 137 | 1,80 |
| Net farm income * (operator's share) * | 15,135 | 58,211 | 93,951 | 150,211 6.495 | | 90,914 13,699 | 97, 635 32,857 | 103,66 |
| Labor & mgt. income per operator | (15,349) | 2,050 | (3,499) | (7,238) | | (4,136) | 1,485 | (36,93) |

Table 21a. 1994 Average Operating Costs, Investments, and Land Use by Size and Months of Labor for Northern and Central Illinois

| | | | | 000 | | A II Posterio | ye envery | |
|--|------------------|--------------|-----------------|----------------|-----------|------------------|-----------------|-----------|
| Range in size (total acres) | 60-259 | 260-499 | 200-799 | Over /99 | Your Farm | All Farms | MONTHS OF LABOR | |
| Management returns | | 1 | (| (| | | 21-27 | 31-39 |
| Number of farms | 12 | 35 | 32 | 33 | | 112 | 520 | ົ້ |
| Some costs and returns per tillable acre | | | | | | | | |
| Soil fertility | 30.70 | 34.88 | 31.38 | 32.52 | | 32.57 | 36.45 | 31.48 |
| Pesticides | 26.98 | 26.27 | 28.35 | 29.06 | | 28.27 | 28.02 | 31.69 |
| Seed and other crop | 22.19 | 20.59 | 19.04 | 20.19 | | 20.00 | 20.54 | 19.16 |
| Crop total | 79.86 | 81.74 | 78.77 | 81.77 | 1 | 80.85 | 85.00 | 82.34 |
| Light vehicle and utilities | 27.24 | 16.45 | 15.68 | 14.85 | | 13.78 | 12.92 | 19.93 |
| Machinery repairs, supplies | 45.32 | 27.51 | 25.02 | 24.11 | | 25.69 | 21.08 | 29.40 |
| Machinery hire | 8.13 | 11.23 | 0.84 10.84 | 41 00 | | 0.20 | 0.00 | 9.24 |
| Machine de | 30.75 | 21.7 | 20.00 | 30.10 | | 31.62 | 30.50 | 39.45 |
| Douge and conjument total | 127.23 | 101 32 | 89.02 | 91.54 | | 94 13 | 82.90 | 109 70 |
| Daving and storage | 10.70 | 8 79 | 7.51 | 7.19 | | 7.69 | 6.07 | 6.45 |
| Building repair | 0.75 | 7.00 | 10.29 | 0.05 | | 9.03 | 5.81 | 16.21 |
| Building depreciation | 20.77 | 20:00 | 13.96 | 26.98 | | 21.90 | 11.25 | 50.10 |
| Building deplectation | 41 19 | 36.42 | 31.76 | 43.19 | | 38 63 | 23.13 | 72.76 |
| abor innaid | 101 84 | 64.31 | 40.53 | 26.08 | | 39.75 | 47.77 | 25.86 |
| Labor, dispara | 31.76 | 24.81 | 30.62 | 48 90 | | 38 68 | 22.98 | 78.90 |
| - 2501, 11100 - 2501, 11100 | 122.50 | 20.00 | 71 15 | 74 99 | | 78 44 | 70.74 | 104.76 |
| Value of food fod | 379.66 | 317 17 | 299 82 | 254 60 | | 283 12 | 229.34 | 367.78 |
| Value of feed fee | 0000 | 017.77 | 20.02 | 201:00 | | 77 30 | 47.03 | 105 08 |
| Capital purchases | 00.03 35.38 | 37.66 | 20.93 | 25.70 | | 31.83 | 24.74 | 43.29 |
| Operator miterest para | 03.50 | 00.4.00 | 242.41 | 250.03 | | 340.30 | 245 31 | 37.0 AF |
| Crop returns | 319.02 | 007.00 | 14.0.40 | 406.00 | | 0.40 | 0.040 | 161 70 |
| Livestock return above reed | 120.33 | 120.02 | 90.90 714 00 | 100.33 | | 100.94 | 730.60 | 5/101 |
| Value of farm production | 445.51 | 4/3.14 | 401.93 | 670.33 | | 400.92 718.50 | 450.00 | 643.51 |
| Jolal Horneed Cost | (40E 44) | 330.32 | 103.37 | 74 44) | | (18.62) | (34 68) | 76.797 |
| Management returns | (165.41) | (06.10) | (00.70) | (+:+) | | (40.03) | (24.00) | (5.76) |
| rarm investment | 000 | 70 470 | 407 006 | 000000 | | 116 676 | 01 960 | 778 817 |
| Livestock inventory Grain inventory | 38,461 45,586 | 94,889 | 152,114 | 254.081 | | 152,861 | 144,393 | 247,223 |
| Remaining cost in | | | | | | | | |
| machinery and auto | 12.734 | 28.871 | 43,136 | 87,236 | | 41 | 40,051 | 105,154 |
| buildings and fence | 23,357 | 36,600 | 46,290 | 166,843 | | 76,325 | 42,635 | 256,449 |
| soil fertility | 72 | 64 | 0 | 40 | | | 98 | 145 |
| Value of land (current) | 476,437 | 895,483 | 1,483,639 | 2,529,046 | | 1,499,947 | 1,486,747 | 2,346,615 |
| Lotal farm investment | 596,646 | 1,129,365 | 1,832,275 | 3,237,488 | | , 200 400 | 097,000,1 | 3,734,400 |
| lotal investment per acre | 3,089 | 808,7 808 | 2,009 | 2,973 95 | | 100,7 | 2, 1, 32 66 | 109 |
| Machinery Invest, per IIII, acre | 80 | 00 | 71 | 00 | | 2 | 8 | - |
| Percent tiliable land in | 3 | C | 100 | 0 0 1 | | 0 14 | 77 | 209 |
| Corn and corn silage | 04.0 | 200.0 | 20.7 | 00.00 00.00 | | 36.0 36.0 | 30.00 | 346 |
| SOYDEATTS | | 0.00 | | 0.00 | | 0 - | 5 | 0.3 |
| Other small grain | . <u>.</u> | 7. t | . c | o en | | 9.0 | 800 | 0.3 |
| Divorted agrees | † C | 0.0 |) () () | 000 | | 0 | 0.0 | 0.0 |
| All hav and pasture | 2.7 | | . | 1.6 | | 1.0 | 2.7 | 0.4 |
| Crop vields, bushels per acre | | | | | | | | |
| Corn | 166 | 175 | 174 | 179 | | 177 | 174 | 183 |
| Soybeans | 51 | 54 | 54 | 52 | | 100 | 52 | 55 |
| Wheat | 20 | 73 | /4 | 5/ | | 9/ | 7/ | |

Note: Variations in totals due to rounding to the nearest dollar. Farms with soil ratings from 86 to 100 are those with nearly level, well-drained prairie soils.

Table 22. 1994 Average Return, Costs, and Financial Summary by Size and Months of Labor for Northern and Central Illinois

| Hog Farms with Soil Ratings from 56 to 85 Range in size (total acres) | Ratings from (| 56 to 85 260-499 | 962-009 | Over 799 | Your Farm | All Farms | Months of Labor | Labor |
|--|----------------|----------------------------|--------------|-----------|-----------|-----------|--|-------------------|
| Management returns | | | | | | | 21-27 | 31-39 |
| Number of farms | 35 | 53 | 52 | 44 | | 184 | 4 1 | - |
| Total acres in farm | 183 | 374 | 643 | 1,165 | | 603 | 649 | 878 |
| Acres of tillable land Soil rating on tillable land | 169 74 | 335 75 | 557 76 | 982 76 | | 521 76 | 560 75 | 752 78 |
| Total months labor | 15.6 | 16.0 | 26.1 | 34.9 | | 23.3 | 24.4 | 34.0 |
| Months of hired labor Reef produced hundredweight | 3.0 | 3.5 | 12.2 23.7 | 19.0 | | 9.7 | 70.7 298 | 15.0 |
| Pork produced, hundredweight | 3,913 | 3,712 | 4,870 | 8,816 | | 5,298 | 6,186 | 6,628 |
| Dollar returns per farm | - (| 0 (| - (| L | | - () | - (C | |
| Crop returns | 51,702 | 106,585 | 176,184 | 335,688 | | 170,600 | 185,328 | 251,461 74 388 |
| Custom work | 30,910 865 | 1,106 | 1,968 | 2,199 | | 1,565 | 2,287 | г |
| Other farm receipts | 941 | 2,332 | 2,281 | 5,977 | | 2,925 | 3,079 | 4,147 |
| Value of farm production | 104,426 | 138,426 | 226,741 | 428,689 | | 226,328 | 254,888 | 330,683 |
| Crop expenses | 13 588 | 26 273 | 43.269 | 80 857 | | 41 716 | 46.272 | 57 809 |
| Power and equipment | 28,296 | 33,710 | 49,428 | 88,509 | | 50,226 | 59,084 | 66,592 |
| Building and fence | 12,990 | 11,269 | 16,895 | 35,975 | | 19,094 | 20,259 | 24,403 |
| Labor | 30,893 | 27,181 | 40,913 | 64,946 | | 40,798 | 45,845 | 56,801 |
| Livestock services and supplies | 10,974 | 6,621 | 10,690 | 19,545 | | 11,689 | 14,856 | 15,45/ |
| Laxies and missellanes | 0,040 0000 | 7,430 | 10,001 | 10,000 | | 10,27 J | 11,000 | 12,702 |
| Insurance and inscendingues Interest on nonland canital | 13,909 | 13,029 | 0,030 | 45 999 | | 23,984 | 26.837 | 32.541 |
| Land charge or net rent | 15,120 | 30,471 | 51,993 | 92,565 | | 48,482 | 51,238 | 74,995 |
| Total nonfeed cost | 135,176 | 162,313 | 255,357 | 462,301 | | 255,183 | 286,622 | 354,897 |
| Capital account adjustment | 820 | 2,838 | 398 | 893 | | 1,300 | 1,084 | 4,960 |
| Management returns | (29,929) | (21,048) | (28,217) | (32,720) | | (27,554) | (30,649) | (19,254) |
| of nonfeed costs | 0.77 | 0.85 | 0.89 | 6 | | 0.89 | 9.0 | 0.93 |
| Farm production per man | 80,078 | 103,588 | 104,211 | 147,381 | | 116,458 | 125,418 | 116,819 |
| Financial summary | | | | | | | | |
| Cash operating income | 206,529 | 217,522 | 336,980 | 599,732 | | 340,589 | 404,026 | 447,090 |
| inveniory change Accts, receivable (net change) | 2,388 | (8, 16Z) | 9357 | (3,393) | | 8.285 | 9,080 | 12.100 |
| Farm products used | 489 | 326 | 550 | 803 | | 535 | 540 | 862 |
| Less purchased feed | 83,737 | 58,004 | 78,912 | 147,107 | | 90,115 | 113,072 | 101,176 |
| Less purchased livestock | 11,361 | 18,075 | 20,525 | 35,787 | | 21,726 | 26,453 | 27,785 |
| Adjusted gross farm income | 104,434 | 139,615 | 226,741 | 428,698 | | 226,674 | 254,888 | 330,683 |
| Cash operating expense | 68,437 | 78,752 | 128,884 | 242,906 | | 130,212 | 148,406 | 180,978 |
| Acote payable (+ii increased) | (3/0) | (86) | (11) | (478) | | 117 | 503 | (4,202) |
| Farm-produced inputs | 298 | 148 | 232 | 277 | | 231 | 208 | 461 |
| Total operating expense | 68.433 | 79,494 | 129.371 | 243,182 | | 130,628 | 151,422 | 177,441 |
| Income before depreciation | 36,001 | 60,121 | 97,370 | 185,517 | | 96,046 | 103,466 | 153,241 |
| Less depreciation | 17,909 | 17,585 | 27,815 | 53,772 | | 29,191 | 33,349 | 38,129 |
| Capital account adjustment | 820 | 2,838 | 398 | 893 | | 1,300 | 71,084 | 120,073 |
| (operator's share) | (1,263) | 15,650 | 12,334 | 5,984 | | 9321 | 8,725 | 42.210 |
| Labor & mgt. income per operator | (10,260) | (493) | (8,941) | (10,421) | | (7,113) | (8,149) | 3,070 |
| Rate earned on investment, % | -0.26 | 2.68 | 3.18 | 3.97 | | 3.21 | 3.17 | 4.18 |
| | | | | | | 1 | The state of the s | |

Note: Variations in totals due to rounding to the nearest dollar. Farms with soil ratings from 56 to 85 are those with poorly drained, heavy-till, and timber soils. Interest expense deducted from operator's share only. Shown in parentheses because it pertains to operator's net farm income only.

Table 22a. 1994 Average Operating Costs, Investments, and Land Use by Size and Months of Labor for Northern and Central Illinois

| And Plants And Pla | Hog Farms with Soil Ratings from 56 to 85 | il Ratings from | 56 to 85 | | | 1 | | | |
|--|---|------------------|----------------|--------------|------------------|-----------|-----------|-----------|-----------|
| 27.08 55 44 184 21-27 27.08 29.24 19.26 19.34 41 21.34 19.22 19.34 19.34 41 21.34 19.22 12.34 19.33 19.33 22.35 19.34 19.34 19.35 19.33 22.36 10.26 10.36 10.34 10.36 22.37 11.34 11.36 10.36 10.36 22.37 11.34 11.36 10.36 10.36 22.38 11.34 11.34 11.36 10.36 22.36 11.34 11.34 11.36 10.36 12.36 10.05 20.06 10.36 10.36 12.36 10.05 20.06 10.36 10.36 12.36 10.05 20.06 20.07 20.06 12.36 10.05 20.07 20.06 20.07 12.37 10.05 20.07 20.07 20.07 12.37 10.0 | Range in size (total acres) | 60-259 | 260-499 | 200-26 | Over 799 | Your Farm | All Farms | Months of | |
| 35 53 53 44 41 41 27,09 30,07 30,72 34,09 31,30 28,35 38,35 <t< th=""><th>Management returns</th><th></th><th></th><th></th><th></th><th></th><th></th><th>21-27</th><th>31-39</th></t<> | Management returns | | | | | | | 21-27 | 31-39 |
| 27.09 30.07 30.73 34.09 31.90 34.35 21.16 20.24 19.24 19.27 19.24 19.37 19.37 30.59 77.71 82.33 19.24 19.37 19.39 34.35 30.40 14.62 12.26 12.26 12.34 15.86 15.86 42.90 26.56 22.08 22.08 22.08 22.09 13.34 15.86 15.86 47.35 10.07.75 88.78 32.00 34.09 34.09 34.09 34.37 15.36 | Number of farms | 35 | 53 | 52 | 44 | | 184 | 41 | 16 |
| 27.09 30.07 30.73 34.09 34.35 21.34 19.22 27.73 29.00 28.18.9 28.33 34.40 36.73 34.09 38.75 34.35 34.35 34.40 19.22 19.24 19.24 19.24 19.33 34.35 34.35 34.35 34.35 36.25 36.35 <td>Some costs and returns per tillable a</td> <td>cre</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> | Some costs and returns per tillable a | cre | | | | | | | |
| 32.16 | Soil fertility | | 30.07 | 30.73 | 34.09 | | 31.90 | 34.35 | 33.90 |
| 19.24 19.25 19.26 19.24 19.35 19.33 19.33 19.35 19.25 19.26 19.24 19.35 19.35 19.35 19.35 19.25 19.25 19.25 19.35 19.35 19.35 19.35 19.35 19.2 | Pesticides | 32.16 | 29.24 | 27.72 | 29.00 | | 28.85 | 28.31 | 25.48 |
| 80.59 77.71 82.33 80.59 14.51 15.86 22.08 22.78 22.78 14.37 15.86 22.28 22.28 22.78 14.37 15.86 22.28 22.28 11.45 22.29 11.45 11.52 11.22 11.22 11.22 11.23 11.34 11.65 12.22 11.45 11.22 11.22 11.22 11.23 11.34 11.65 12.22 11.24 11.25 11.37 11.37 11.37 11.22 11.22 11.22 11.23 11.24 11.37 | Seed and other crop | 21.34 | 19.22 | 19.26 | 19.24 | | 19.37 | 19.93 | 17.54 |
| 42.99 26.56 22.20 12.20 12.86 <th< td=""><td>Crop total</td><td>80.59</td><td>78.52</td><td>77.71</td><td>82.33</td><td></td><td>80.13</td><td>82.59</td><td>76.92</td></th<> | Crop total | 80.59 | 78.52 | 77.71 | 82.33 | | 80.13 | 82.59 | 76.92 |
| 42.99 22.08 23.78 12.49 26.48 22.32 11.42 8.09 23.78 12.34 12.34 12.34 12.35 12.36 12.3 | Light vehicle and utilities | 34.40 | 14.62 | 13.26 | 12.20 | | 14.34 | 15.86 | 12.00 |
| 22.32 11.42 8.02 10.36 11.25 12.35 11.42 11.62 12.35 11.42 11.62 12.07 11.42 11.62 12.07 11.42 11.62 12.07 11.42 11.62 12.07 11.42 11.62 12.07 11.42 11.62 12.07 11.42 11.62 12.07 11.42 11.62 12.07 11.42 11.64 11.62 11.62 1 | Machinery repairs, supplies | 42.99 | 26.56 | 22.08 | 23.78 | | 24.97 | 26.48 | 23.83 |
| 4 (77.83) 13.34 11.65 12.22 12.78 13.76 6 (77.83) 10.75 88.78 90.13 66.47 105.45 67.78 116.78 105.45 105.78 | Machinery hire | 22.32 | 11.42 | 8.02 | 9.85 | | 10.36 | 12.35 | 9.70 |
| al 167.85 39.76 39.70 34.03 37.00 al 167.85 100.75 7.84 99.70 93.70 94.03 7.70 6.47 7.70 6.91 6.47 7.70 6.73 7.84 6.55 6.91 6.47 7.70 6.92 7.70 6.93 7.70 6.93 7.70 6.93 7.70 6.93 7.70 6.93 7.70 6.93 7.70 6.93 7.70 6.93 7.70 6.93 7.70 6.93 7.70 6.93 7.70 6.93 7.70 6.93 7.70 6.93 7.70 6.93 7.70 6.70 | Fuel and oil | 20.77 | 13.34 | 11.65 | 12.22 | | 12.78 | 13.76 | 10.14 |
| al 167,83 100,75 88,78 90,13 96,14 96,47 105,45 12,70 920 16,18 22,66 6,91 7,78 7,78 7,35 58,87 17,705 33,68 30,34 27,13 36,68 27,34 36,16 27,34 36,16 27,44 36,16 43,92 23,44 36,16 43,92 24,44 36,16 43,92 26,14 36,16 43,92 36,16 43,92 26,14 36,16 43,92 36,16 43,92 36,16 43,92 36,16 43,92 36,16 43,92 36,16 43,92 36,16 43,92 36,16 43,92 36,16 43,17 46,17 46,17 46,17 46,17 46,18 37,18 36,17 46,17 46,18 37,14 46,18 36,14 47,17 46,18 37,17 46,18 37,18 36,14 47,17 46,18 37,14 46,18 37,14 46,19 46,19 47,17 47,17 47,17 | Machinery depreciation | 47.35 | 34.80 | 33.76 | 32.07 | | 34.03 | 37.00 | 32.93 |
| 15.70 | Power and equipment total | 167.83 | 100.75 | 88.78 | 90.13 | | 96.47 | 105.45 | 88.60 |
| 12.70 9.20 16.12 2.746 7.78 7.78 7.35 78.06 17.06 16.12 2.26 2.746 36.68 36.14 36.14 36.14 36.14 36.14 36.14 36.14 36.14 36.14 36.14 36.14 36.16 <td>Drying and storage</td> <td>5.48</td> <td>6.72</td> <td>7.84</td> <td>6.55</td> <td></td> <td>6.91</td> <td>6.47</td> <td>7.97</td> | Drying and storage | 5.48 | 6.72 | 7.84 | 6.55 | | 6.91 | 6.47 | 7.97 |
| 58.87 17.76 16.12 25.62 21.99 36.18 36.11 36.18 36.18 36.11 36.18 <th< td=""><td>Building repair</td><td>12.70</td><td>9.20</td><td>6.38</td><td>7.46</td><td></td><td>7.78</td><td>7.35</td><td>6.77</td></th<> | Building repair | 12.70 | 9.20 | 6.38 | 7.46 | | 7.78 | 7.35 | 6.77 |
| 77.05 33.68 30.34 36.63 36.64 36.16 <th< td=""><td>Building depreciation</td><td>58.87</td><td>17.76</td><td>16.12</td><td>22.62</td><td></td><td>21.99</td><td>22.34</td><td>17.72</td></th<> | Building depreciation | 58.87 | 17.76 | 16.12 | 22.62 | | 21.99 | 22.34 | 17.72 |
| 120.07 66288 41.84 27.13 49.39.2 44.44 39.30 66.15 66.13 16.36 31.44 27.13 49.24 44.44 39.30 66.15 66.13 16.26 5.36.10 5.28.55 6.030 34.44 39.39 31.2 31.39 5.30.30 5.44 39.39 31.2 31.6 5.8.55 31.6 5.30.80 31.14 37.2 40.56 31.6 5.30.80 31.14 30.80 31.14 30.20.0 5.44 31.8 6.28.5 5.30.80 31.14 37.3 40.72 4.34.8 62.34 470.72 48.51 49.72 49.65 31.6 49.72 49.65 31.6 49.72 49.65 31.6 49.72 49.65 31.6 49.72 49.65 31.6 49.72 49.65 31.6 49.72 49.65 31.6 49.72 49.65 31.6 49.72 49.65 31.6 49.72 49.65 31.6 49.72 49.65 31.6 49.72 49.65 31.9 11.2 27.75 11.5 20.7 11 | Building total | 77.05 | 33.68 | 30.34 | 36.63 | | 36.68 | 36.16 | 32.47 |
| 18.36 31.64 39.00 34.44 39.39 18.36 31.64 39.00 34.44 39.39 18.36 31.24 39.00 34.44 39.39 109.02 30.30 246.38 258.55 288.06 31.79 409.02 30.30 36.66 31.44 39.12 30.77 300.00 34.85 316.44 34.183 32.76 30.77 300.00 318.56 316.44 34.183 32.77 44.72 619.37 413.73 407.24 436.53 444.72 454.90 801.76 485.12 45.64 470.75 494.72 454.90 454.70 801.76 485.12 445.30 85.16 42.70 44.401 44.50 7.74 64.162 28.64 470.75 44.53 62.93 144.401 7.59 1.15.90 1.34.53 62.03 1.12.401 1.14.401 17.905 2.73 44.53 44.53 44.53 </td <td>Labor, unpaid</td> <td>120.07</td> <td>62.88</td> <td>41.84</td> <td>27.13</td> <td></td> <td>43.92</td> <td>42.44</td> <td>42.21</td> | Labor, unpaid | 120.07 | 62.88 | 41.84 | 27.13 | | 43.92 | 42.44 | 42.21 |
| 183.23 81.24 73.48 66.13 78.36 81.82 109.02 30.30 24.18 66.13 78.48 66.13 78.36 31.98 109.02 30.30 30.80 31.11 30.80 31.11 31.11 31.11 30.12 46.75 46.70 46.70 46.70 46.70 46.70 46.70 46.70 46.70 46.70 46.70 46.70 46.70 46.70 46.70 46.70 47.70 46.40 47.70 47.50 86.45 46.70 47.50 86.40 47.50 86.40 47.50 86.40 47.50 86.40 47.5 | Labor, hired | 63.16 | 18.36 | 31.64 | 39.00 | | 34.44 | 39.39 | 33.37 |
| 669.57 301.09 246.38 258.55 288.06 317.98 46.75 40.70 30.80 28.63 30.80 30.80 31.10 30.17 30.80 30.80 30.80 30.80 31.10 30.80 31.64 30.80 30.80 31.11 30.11 30.17 30.80 30.80 31.85 316.44 34.183 30.80 327.68 318.64 34.83 30.80 30.77 30.80 413.72 49.83 30.80 30.77 485.12 490.14 47.75 490.14 511.56 490.14 511.56 490.14 51.30 490.14 51.50 490.14 | Labor total | 183.23 | 81.24 | 73.48 | 66.13 | | 78.36 | 81.82 | 75.58 |
| 109.02 50.30 54.18 62.41 60.56 46.75 30.66 316.4 341.83 30.77 30.86 316.4 341.83 30.89 31.11 39.12 30.05 50.30 84.89 83.17 86.38 30.74 470.72 456.53 49.14 470.75 486.38 49.14 470.75 486.38 49.14 470.75 486.38 49.14 571.56 49.14 470.75 470.75 470.7 | Value of feed fed | 669.57 | 301.09 | 246.38 | 258.55 | | 288.06 | 317.98 | 258.44 |
| 43.79 31.66 28.65 30.80 31.11 39.12 302.00 84.89 316.44 34.83 327.68 114.57 302.00 84.89 83.17 436.53 434.72 454.92 619.37 485.12 458.64 470.25 434.72 454.92 801.76 485.12 458.64 470.55 490.14 451.56 73.747 64.162 96.454 179.759 102.754 120,780 73.747 64.162 96.454 179.759 102,754 120,780 42,717 71,579 119,926 207.507 112,27 120,780 17,902 22,735 44.530 85.164 42,904 50,688 39,195 28,833 51,999 134,533 62,627 62,938 80,77,129 1,155,408 2,067,017 1,077,379 1,138,617 1,1 509,575 864,467 1,468,419 2,664,226 1,398,020 1,497,667 2,318 80 68 87 2,887 2,318 2,366 2,278 81 27 68 87 2,387 2,318 2,366 82 27 1,1 2,64,226 2,387 <td< td=""><td>Capital purchases</td><td>109.02</td><td>50.30</td><td>54.18</td><td>62.41</td><td></td><td>60.56</td><td>46.75</td><td>72.03</td></td<> | Capital purchases | 109.02 | 50.30 | 54.18 | 62.41 | | 60.56 | 46.75 | 72.03 |
| 306.65 318.56 316.44 34183 327.68 330.77 300.65 318.56 316.44 34183 327.68 330.77 300.65 318.56 316.44 36.39 341.72 44.89 813.72 407.24 436.53 494.72 454.92 490.14 470.75 490.14 571.56 490.14 470.75 490.14 571.56 490.14 571.57 119.92 22.735 44.530 85.164 42.717 71.579 119.926 207.507 112.257 120.780 17.902 22.735 44.533 51.99 134.533 62.62 62.938 243 336.005 677.129 11.15.408 2.057.012 11.077.379 11.38.617 11.6 509.575 864.467 14.664.467 14.664.226 11.398.020 14.97.667 2.306 2.31 2.2 2.3 2.3 33.3 33.3 33.1 33.1 33 | Operator interest paid | 43.79 | 31.66 | 28.65 | 30.80 | | 31.11 | 39.12 | 23.83 |
| 17.52) | Crop returns | 306.65 | 318.56 | 316.44 | 341.83 | | 327.68 | 330.77 | 334.58 |
| 17.52 | Livestock return above feed | 302.00 | 84.89 | 83.17 | 86.38 | | 98.41 | 114.5/ | 98.98 |
| 17.52 | Value of farm production | 619.37 | 413.73 | 407.24 | 436.53 | | 434.72 | 454.92 | 439.98 |
| 73,747 64,162 96,454 179,759 102,754 124,401 71,579 119,926 207,507 112,257 120,780 120,780 17,902 22,735 44,530 85,164 42,904 62,638 62,638 39,195 28,833 51,999 134,533 62,637 62,938 677,129 1,155,408 2,057,012 1,077,379 1,138,617 1,165,408 2,779 2,287 86,447 1,468,419 2,664,226 1,398,020 1,497,667 2,306 2,779 2,311 2,28 87 87 82,3 33.1 2,7 6 33.3 33.1 2,2 64.7 58.0 58.3 33.1 31.3 31.3 31.3 31.3 31.3 31.3 3 | lotal nonfeed cost | 801.76 | 485.12 | 458.64 | 4/0./5 | | 490.14 | 02.1.30 | 12.21 |
| 73,747 64,162 96,454 179,759 102,754 124,401 17,902 22,735 44,530 86,164 42,904 50,688 39,195 28,833 51,999 134,533 62,627 336,005 677,129 1,155,408 2,057,012 1,077,379 1,138,617 509,575 864,467 1,468,419 2,664,226 1,398,020 1,497,667 2,779 2,311 2,282 2,287 2,318 2,306 106 63.3 64.7 58.0 58.3 33.1 31.3 31.3 18,6 27,6 33.3 33.1 2,2 2.2 11,1 2.4 2.4 2.2 11,1 2.4 5.4 3.3 33.1 33.1 31.3 12,7 11 2.4 2.4 2.2 12,8 33.1 33.1 31.3 12,8 33.1 33.1 31.3 12,8 33.1 33.1 33.1 33.1 33.1 12,9 0.0 0.1 0.0 0.7 0.7 15,9 0.0 0.1 0.6 0.7 0.7 15,9 0.0 0.1 0.6 0.5 0.5 15,9 0.0 0.1 0.5 0.5 15,9 0.0 0.1 0.5 0.5 16,9 0.0 0.1 0.5 16,9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0. | Management returns | (70.771) | (16.20) | (20.00) | (33.37) | | (25.33) | (01.40) | (23.05) |
| 42,717 71,579 119,926 207,507 112,257 120,780 117,902 22,735 44,530 85,164 42,904 62,687 62,938 24,533 67,129 134,533 67,129 22,735 101 2,504 62,938 24,833 11,155,408 2,057,012 1,077,379 1,138,617 2,282 2,287 2,287 2,318 2,306 2,306 2 | Livestock inventory | 73 747 | 64 162 | 96 454 | 179 759 | | 102.754 | 124.401 | 149.128 |
| 17,902 22,735 44,530 85,164 42,904 50,688 24,533 62,627 62,938 24,533 67,129 134,533 62,627 62,938 24,336,005 677,129 1,155,408 2,057,012 1,077,379 1,138,617 1,468,419 2,664,226 1,398,020 1,497,667 2,779 2,311 2,282 2,287 2,287 2,318 2,306 87 82,306 87 88 87 88 87 88 87 88 89 87 88 89 87 88 87 | Grain inventory | 42.717 | 71,579 | 119,926 | 207,507 | | 112,257 | 120,780 | 172,522 |
| 17,902 22,735 44,530 85,164 42,904 50,688 28,833 51,999 134,533 62,627 62,938 243 250 25,057,129 1,155,408 2,057,012 1,077,379 1,138,617 1,468,419 2,057,012 1,398,020 1,497,667 2,316 2,316 2,311 2,287 2,318 2,318 2,31 33.3 33.1 31.1 2,7 6 33.3 33.3 33.1 31.1 2,7 6 3.3 3.1 1.1 2,4 2,5 5 3.1 1.0 0.0 0.1 0.0 0.1 0.0 0.1 0.0 0.1 0.0 0.1 0.0 0.1 0.5 0.1 0.6 0.1 0.5 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 | Remaining cost in | | | | | | | | |
| 39,195 28,833 51,999 134,533 62,627 62,938 243 250 00.0 1 | machinery and auto | 17,902 | 22,735 | 44,530 | 85,164 | | 42,904 | 50,688 | 54,348 |
| 29 | buildings and fence | 39,195 | 28,833 | 51,999 | 134,533 | | 62,627 | 62,938 | 66,808 |
| 336,005 677,129 1,155,408 2,057,012 1,077,379 1,138,617 2,684,467 1,468,419 2,664,226 1,398,020 1,497,667 2,316 2,779 2,311 2,282 2,287 2,318 2,306 87 82 90 87 82 90 87 82 90 87 82 90 87 82 90 87 82 90 87 82 90 87 82 90 87 82 90 87 82 90 87 82 90 87 82 90 87 82 90 90 90 90 90 90 90 90 90 90 90 90 90 | soil fertility | ∞ | 50 | 101 | 250 | | 86 | 243 | 128 |
| 63.3 64.7 58.0 58.3 59.7 58.7 58.0 5.95.7 58.7 58.0 5.95.7 58.0 5.95.7 58.0 5.95.7 58.0 58.3 58.7 58.7 58.0 58.3 58.7 58.7 58.0 58.3 58.7 58.7 58.0 58.7 58.0 58.7 58.0 58.7 58.0 58.7 58.7 58.0 58.7 58.7 58.0 58.7 58.7 58.0 58.7 58.7 58.7 58.0 58.7 58.7 58.7 58.7 58.7 58.7 58.7 58.7 | Value of land (current) | 336,005 | 677,129 | 1,155,408 | 2,057,012 | | 1,077,379 | Ē. | 1,666,565 |
| 63.3 64.7 58.0 58.3 59.7 58.7 58.0 58.3 33.1 31.3 31.1 5.20 0.0 0.1 0.6 0.7 0.6 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 | Total farm investment | 509,575 | 864,467 | 1,468,419 | 2,664,226 | | 1,398,020 | ۸. | 2,109,497 |
| 63.3 64.7 58.0 58.3 59.7 58.7 58.7 58.0 59.7 58.7 58.7 58.7 58.3 33.1 33.1 31.3 31.1 31.3 31.1 31.3 31.1 5.2 31.1 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 | I otal investment per acre | 2,779 | 2,311 | 2,282 | 7,287 | | 2,318 | 2,300 | 2,403 |
| 63.3 64.7 58.0 58.3 59.7 58.7 58.8 18.6 27.6 33.3 33.1 31.1 31.1 2.2 31.1 31.1 2.2 31.1 31.1 | Machinery Invest, per till, acre | 100 | 20 | 90 | /9 | | 70 | 06 | 7/ |
| 18.6 27.6 33.3 33.1 33.1 33.1 33.1 33.1 33.1 33 | Percent tiliable land in | | 1 | C | 0 | | 100 | 100 | 0.4 |
| 1.1 2.4 2.5 3.1 2.2 3.1 2.2 3.1 2.2 3.1 2.2 3.1 2.2 3.1 2.2 3.1 2.2 3.1 1.0 0.7 1.0 0.8 1.2 1.0 0.8 1.2 1.2 1.2 1.2 1.2 1.3 0.8 1.2 1.2 1.2 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 | Corn and corn silage | 63.3 8 8 8 | 04.7 07.6 | 33.0 33.3 | 3 0 0 3 3 4 0 | | 3.00 | 31.1 | 3,000 |
| 3.3 1.2 1.0 0.7 1.0 0.6 0.0 0.1 0.6 1.3 0.8 1.2 7.6 4.5 4.1 3.7 4.2 4.3 3 159 156 169 162 162 16 54 52 51 54 63 53 53 68 68 68 64 62 62 | Wheat | 2.0 | ; - | 2.5 | 2,5 | | 2.2 | 33.1 | 2.2 |
| 0.0 0.1 0.6 1.3 0.8 1.2 1 7.6 4.5 4.1 3.7 4.2 4.3 3 159 156 169 162 162 16 54 52 51 54 68 | Other small grain | i c. | | - C | 200 | | 10.1 | 9.0 | 1.5 |
| 7.6 4.5 4.1 3.7 4.2 4.3 3 3 1 15.6 16.9 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 | Diverted acres | 0.0 | 0.1 | 9.0 | . co | | 0.8 | 1.2 | 1.1 |
| 159 155 156 169 162 162 1 54 52 51 54 53 53 62 68 68 64 62 | All hay and pasture | 7.6 | 4.5 | 4.1 | 3.7 | | 4.2 | 4.3 | 3.6 |
| 159 156 169 162 162 162 163 163 163 163 163 163 163 163 164 165 165 165 165 165 165 165 165 165 165 | Crop yields, bushels per acre | | | i i | | | (| | 000 |
| STITES STATES ST | Corn | 159 | 155 | 150 | 801 V | | 7 6 | 7 6 | 200 |
| | Soybeans M/heat | 0 4 0 4 | 200 | 20 - | 0.04 | | 64 | 38 | 22 00 |

Note: Variations in totals due to rounding to the nearest dollar. Farms with soil ratings from 56 to 85 are those with poorly drained, heavy-till, and timber soils.

Table 23. 1994 Average Return, Costs, and Financial Summary by Size and Management Returns for Southern Illinois Grain Farms

| with Soil Ratings from 36 to 85 Range in size (total acres) | m 36 to 85 180-339 | 340-799 | 800-1199 | Over 1199 | Your Farm | All Farms | 340-799 | 66, |
|--|-----------------------|--------------------|--------------------|-------------------------|-----------|----------------------|---------------------|------------------|
| Management returns | | | | | | | Low 25% | High 25% |
| Number of farms | 26 | 191 | 137 | 136 | | 490 | 48 | 48 |
| Total acres in farm Acres of tillable land Soil rating on tillable land | 280 259 59 | 592 544 59 | 984 920 60 | 1,960 1,864 59 | | 1,065 1,000 59 | 585 530 61 | 638 597 58 |
| Total months labor Months of hired labor | 11.8 0.3 | 14.0 1.9 | 17.6 5.0 | 31.0 14.9 | | 19.6 6.3 | 14.0 1.6 | 13.9 2.0 |
| Beet produced, nundredweight Pork produced, hundredweight Dairy cows, number | 221 0 | 75 146 0 | 97 372 0 | 547 0 | | 324 0 | 94 57 0 | 242 0 |
| Dollár returns per farm Crop returns | 64,320 | 137,903 | 244,813 | 512,193 | | 267,774 | 119,401 | 168,881 |
| Custom work | 536 | 993 | 1,838 | 4,564 | | 2,184 | α | 1,262 |
| Uther farm receipts Value of farm production | 9/4 | 141,323 | 252,734 | 8,155 528,055 | | 3,643 | 119,270 | 176,079 |
| Dollar costs per farm Crop expenses | 19,303 | 42,539 | 73,179 | 144,393 | | 78,142 | 46,636 | 42,779 |
| Power and equipment Building and fence | 15,950 2.823 | 34,233 4.076 | 56,619 7.889 | 118,249 14,904 | | 62,841 8.081 | 38,515 4,004 | 33,681 3,548 |
| Labor Conjugate and Chapling | 19,732 | 22,762 | 28,995 | 51,351 | | 32,279 | 23,645 | 22,496 |
| Livesioch services and supplies Taxes | 2,171 | 4,866 | 8,027 | 14,954 | | 8,407 | 4,783 | 5,371 |
| Insurance and miscellaneous | 2,427 | 4,709 | 7,061 | 14,091 | | 7,850 | 4,506 | 4,637 |
| Interest on notifiand capital Land charge or net rent | 4,912 15,451 | 33,742 | 57,440 | 33,612 | | 59,770 | 35,912 | 34,661 |
| Total nonfeed cost | 83,311 | 156,989 | 256,742 | 502,594 | | 276,893 | 169,040 | 157,190 |
| Capital account adjustment Management returns | 540 | 1,133 | 1,167 | 2,449 27,910 | | 1,476 | 1,428 | 1,867 |
| Farm production per \$1.00 | 0.80 | 060 | 0.98 | , | | 1 00 | 0.71 | 1.12 |
| Farm production per man | 69,226 | 121,411 | 171,870 | 204,569 | | 168,920 | 101,868 | 151,988 |
| Financial summary | 1 | | 6 | | | | 0 | - 1 |
| Cash operating income Inventory change | 76,817 (1,756) | 148,026 (2.703) | 263,646 (6,599) | 546,355 (1,153) | | 287,131 (3,312) | 136,033 (13,158) | 008,871 |
| Accts. réceivable (net change) | 492 | 1,681 | 4,836 | 6,234 | | 3,764 | 896 | 2,189 |
| Farm products used Less purchased feed | 220 4.166 | 860 3.602 | 1,503 6,504 | 2,004 19,006 | | 1,324 8,719 | 934 2,033 | 5,520 |
| Less purchased livestock | 3,599 | 2,938 | 4,147 | 6,465 | | 4,290 | 3,400 | 2,113 |
| Adjusted gross farm income | 68,006 36,581 | 141,323 | 135,734 | 527,969 | | 275,896 146,579 | 119,270 81,097 | 176,079 |
| Prepaid expense (-if increased) | (354) | 397 | (2,834) | (1,883) | | (1,179) | (184) | (876) |
| Accts. payable (+if increased) | 517 | 543 | 567 | 421 | | 515 | 1,426 | (39) 785 |
| Total operating expense | 36.839 | 77.958 | 134,990 | 277,501 | | 147,105 | 83,151 | 79,647 |
| Income before depreciation | 31,167 | 63,368 | 117,748 | 250,464 | | 128,792 | 36,119 | 96,433 |
| Less depreciation Capital account adjustment | 6,943 540 | 15,584 | 26,503 | 55,194 2,449 | | 29,172 | 18,581 | t (C |
| Net farm income * | 24,764 | 48,917 | 92,412 | 197,720 | | 101,097 | 18,966 | 4,75 |
| (operator's share) * Labor & mgt. income per operator | 9,803 4,207 | 12,696 5,210 | 16,550 16,875 | 32,920 43,858 | | 19,233 19,145 | (27,450) | 35,053 40,054 |
| Rate earned on investment, % 1.36 Note: Variations in totals due to rounding to the pearest d | 1.36 | | 4.70 | 5.89 | | 4.93 | (0.20) | _ |

Note: Variations in totals due to rounding to the nearest dollar.

* Interest expense deducted from operator's share only. Shown in parentheses because it pertains to operator's net farm income only.

Table 23a. 1994 Average Operating Costs, Investments, and Land Use by Size and Management Returns for Southern Illinois

| Tillable acree 38 6 191 137 136 440 Low 28% High Low 28% High Low 28% Lines 5 24.98 24.66 12.65.44 174.89 12.89 24.99 12.89 24.99 12.89 12 | | 855-00I | 340-788 | 800-1188 | SAEL JAAO | פוומ | つっていたの | 00 |
|--|-------------------------------------|---------|----------------|------------|-----------|-----------|---|------------|
| 26 191 137 136 490 48 16.85 24.98 24.96 26.54 27.85 45.22 33.09 34.73 46.22 3 18.96 17.20 18.96 24.66 26.54 26.54 46.72 3 18.96 17.20 18.96 24.96 26.54 77.48 76.00 32.19 22.60 32.49 46.22 3 3.21 18.04 18.54 18.56 18.25 17.74 46.77 56.00 32.19 22.60 32.19 22.60 32.19 22.60 32.19 22.60 32.10 | Management returns | | | | | | l ow 25% | High 25% |
| 38 61 36 06 36 73 33 09 34 73 45 22 16 85 17 20 18 16 17 36 17 36 17 36 17 36 24 93 18 19 17 22 18 16 17 36 17 36 17 37 17 37 17 37 17 37 17 37 17 36 24 55 26 53 26 53 17 37 18 36 26 52 26 53 26 53 27 37 27 37 27 37 27 37 37 38 37 37 37 38 37 37 37 38 </th <th>Number of farms</th> <th>56</th> <th>0</th> <th>137</th> <th>136</th> <th>490</th> <th>48</th> <th>48</th> | Number of farms | 56 | 0 | 137 | 136 | 490 | 48 | 48 |
| 186 b 36.06 36.73 36.73 36.73 36.73 36.73 36.22 <th< td=""><td>Some costs and returns per tillable</td><td>cre</td><td></td><td></td><td></td><td></td><td>or a state of the state of the</td><td></td></th<> | Some costs and returns per tillable | cre | | | | | or a state of the | |
| 18.66 17.80 24.96 24.66 26.54 17.81 17.89 24.96 17.89 18.95 17.89 18.95 17.89 18.95 17.89 18.95 17.89 18.95 17.89 18.95 17.89 18.95 19.95 19.9 | Soil fertility | | 36.06 | 36.73 | 33.09 | 34.73 | 45.22 | 33.01 |
| 18.96 17.20 18.16 17.85 17.81 17.8 | Pesticides | 16.85 | 24.98 | 24.66 | 26.54 | 25.60 | 24.93 | 22.81 |
| 74,42 78,24 79,56 77,48 78,13 88,02 19,71 18,04 16,56 18,25 47,48 78,13 88,02 3,27 5,296 61,56 63,45 63,45 50,04 50,04 2,261 2,260 26,34 5,01 32,1 32,19 32,19 3,40 2,28 3,34 3,04 3,01 | Seed and other crop | 18.96 | 17.20 | 18.16 | 17.85 | 17.81 | 17.87 | 15.89 |
| 19,71 18,04 16,58 4,55 17,79 2,52 18,54 18,54 18,54 18,55 | Crop total | 74.42 | 78.24 | 79.56 | 77.48 | 78.13 | 88.02 | 71.70 |
| 18.04 16.56 18.25 18.25 17.79 20.04 18.04 16.56 18.25 18.25 17.79 20.04 22.61 25.91 25.92 20.04 30.14 3.40 2.88 3.71 3.21 3.21 3.21 4.16 2.73 3.21 3.22 3.24 3.25 4.16 2.73 3.21 3.22 3.25 3.25 4.16 2.73 3.22 3.25 3.25 4.16 2.73 3.22 3.25 3.25 4.18 3.717 22.96 14.45 3.15 3.22 5.07 3.76 3.45 3.45 3.25 3.46 4.18 3.717 22.96 14.45 3.22 4.18 3.717 22.96 3.45 3.25 4.18 3.40 3.45 3.45 3.25 4.18 3.40 3.45 3.45 3.45 4.18 3.40 3.45 3.45 3.45 4.18 3.40 3.45 3.45 3.45 5.62 3.40 3.45 3.45 3.45 5.62 3.40 3.45 3.45 3.45 5.63 3.40 3.45 3.45 3.45 5.63 3.40 3.45 3.45 3.45 5.63 3.43 3.45 3.45 3.45 5.63 3.43 3.45 3.45 3.45 5.64 4.23 3.45 3.45 5.65 4.23 3.45 3.45 5.65 5.45 3.45 5.65 5.45 3.45 5.65 5.45 3.45 5.65 | Light vehicle and utilities | 8.19 | 5.16 | 4.38 | 4.52 | 4.67 | 5.23 | 4.52 |
| a1 2.5.6 5.59 5.50 6.55 a1 2.5.6 6.5.6 6.5.4 6.5.6 3.40 6.1.5 6.2.4 6.2.8 6.5.5 3.40 6.1.5 6.5.4 6.2.8 6.5.5 3.41 6.2.8 6.1.5 6.2.4 6.2.8 3.40 2.28 3.0 3.15 2.7.6 3.33 1.89 2.33 3.2.1 3.10 3.33 1.89 3.7.7 3.2.8 3.0 3.33 1.89 3.7.7 3.2.8 3.0 3.15 3.34 3.7.7 3.2.7 3.2.7 3.0 4.4.5 3.1.5 7.607 4.1.8 3.7.7 4.2.8 3.0 3.1.6 3.1.6 4.1.8 3.0 3.4.7 4.2.8 3.0 3.1.2 3.1.6 3.1.2 5.0 4.1.9 3.1.2 2.2.4 4.2.8 3.1.4 4.1.3 4.1.3 6.6.2 3.1.2 3.2.1 | Machinery repairs, supplies | 19.71 | 18.04 | 16.56 | 18.25 | 17.79 | 20.04 | 17.84 |
| 1,000 | Machinery hire | 3.21 | 5.23 | 5.97 | 5.50 | 5.53 | 6.55 | 4.66 |
| a1 67.61 25.61 25.60 25.61 25.61 32.19 32 | Fuel and oil | 7.77 | 8.62 | 9.03 | 8.84 | 8.83 | 8.68 | 8.50 |
| al 61.49 62.86 61.55 3.45 62.84 3.04 72.69 4.16 2.38 1.71 1.71 1.93 2.19 2.19 4.16 2.28 3.14 3.00 2.29 1.445 2.29 2.19 2 | Machinery depreciation | 22.61 | 25.91 | 25.60 | 26.34 | 26.01 | 32.19 | 20.93 |
| 3.40 2.88 3.04 3.01 3.01 3.00 2.56 4.16 7.38 3.7.17 2.26 8.58 8.00 8.08 8.08 7.56 7.38 3.7.17 2.26 14.45 10.00 8.08 7.56 7.39 7.17 2.26 14.45 10.00 8.08 7.17 7.4 6 31.5 2.79 31.6 15.41 9.70 31.6 15.41 9.70 31.6 15.41 9.70 17.15 11.6 15.41 9.70 17.15 11.6 15.41 9.70 17.15 11.6 15.41 9.8 9.70 17.15 11.6 15.41 9.70 17.15 11.6 15.41 9.8 9.7 17.11 9.8 11.6 17.11 9.8 17.1 | Power and equipment total | 61.49 | 62.96 | 61.55 | 63.45 | 62.83 | 72.69 | 56.45 |
| 4 36 1 89 2.33 1.77 1 93 2.79 4 36 7.50 8.58 8.00 8.00 8.15 2.79 7 607 4.69 3.15 2.75 3.15 2.79 3.15 2.79 7 607 4.18 3.15 2.75 3.28 3.15 2.79 3.28 3.46 3.28 3.28 3.46 3.15 2.75 3.28 3.28 3.44 3.28 3.44 3.28 3.44 3.28 4.46 2.75 3.28 3.28 3.44 3.28 3.44 3.28 3.44 3.28 3.44 3.28 3.44 3.28 3.44 3.28 3.28 3.44 3.28 3.44 3.28 3.44 3.28 3.44 3.28 3.44 3.44 3.28 3.44 3.44 3.44 3.44 3.44 3.44 3.44 3.44 3.28 3.44 3.44 3.44 3.44 3.44 3.44 3.44 3.44 3.44 3.44 </td <td>Drying and storage</td> <td>3.40</td> <td>2.88</td> <td>3.04</td> <td>3.01</td> <td>3.00</td> <td>2.58</td> <td>2.46</td> | Drying and storage | 3.40 | 2.88 | 3.04 | 3.01 | 3.00 | 2.58 | 2.46 |
| 10.88 7.56 8.58 8.00 8.08 7.56 7.389 7.77 22.96 14.45 7.56 7.56 7.389 7.77 22.96 14.45 7.56 7.56 7.6.07 41.86 31.52 27.56 10.00 5.17 2.18 4.60 31.57 15.41 42.56 38.68 39.46 41.87 13.00 34.51 42.56 38.68 39.41 44.62 2.47.97 25.32 266.15 24.484 26.77.4 25.32 12.38 39.61 2.47.97 25.32 266.15 27.484 26.57.74 25.58 39.61 2.47.97 25.32 26.14 27.44 2.67.74 25.58 39.61 3.21.19 26.673 (3.09) 14.98 0.50 (91.24) (91.24) 10.606 11.835 17.713 17.416 90.714 25.589 24.76 25.836 27.74 25.589 14.388 10.24 | Building repair | 3.33 | 1.89 | 2.33 | 1.71 | 1.93 | 2.19 | 1.72 |
| 7.3.89 7.50 8.58 8.60 8.58 8.60 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.5 | Building depreciation | 4.16 | 2.73 | 3.21 | 3.28 | 3.15 | 2.79 | 1.// |
| 7.389 37.17 22.96 14.45 10.00 5.17 73.89 37.17 22.96 14.45 10.00 5.17 73.89 37.17 22.96 14.45 10.00 5.17 10.00 | Building total | 10.88 | 7.50 | 8.58 | 8.00 | 8.08 | 7.56 | 5.95 |
| 7.518 | Labor, unpaid | 73.89 | 37.17 | 22.96 | 14.45 | 22.27 | 39.46 | 33.35 |
| 7607 41.86 31.52 27.56 32.28 44.62 34.07 13.76 15.11 42.56 38.68 39.41 41.83 34.00 17.15 15.11 16.02 14.03 41.83 25.63 266.15 27.84 267.74 225.35 8.39 25.92 274.76 288.36 276.86 39.41 266.21 288.74 279.12 269.83 276.89 276.86 327.19 288.74 279.12 269.83 276.86 319.03 327.19 288.74 279.12 269.83 276.89 276.86 327.19 36.609 91.332 17.113 14.856 14.348 10,606 11.835 17.633 17.113 14.856 14.348 10,606 11.835 12.763 336,063 174,164 90.714 10,606 11.835 12.77 31.497 174,164 90.714 10,606 11.835 12.77 31.497 | Labor, hired | 2.18 | 4.69 | 8.57 | 13.10 | 10.00 | 5.17 | 4.35 |
| 4.9.7 15.41 9.70 16.38 4.1.97 16.96 17.15 16.96 16.02 14.97 16.96 17.15 16.96 16.02 14.97 16.96 17.15 16.98 16.02 247.97 253.63 266.15 274.84 267.74 225.35 262.19 253.63 276.89 275.89 225.10 262.19 256.92 274.76 283.36 275.89 225.10 321.19 288.74 279.12 269.69 275.89 225.10 10,606 11,835 17,113 14,856 14,348 10,606 11,835 17,113 14,856 14,348 16,602 17,328 336,063 14,348 10,205 36,609 91,332 15,034 336,063 11,24,164 90,714 15,824 28,688 55,562 13,4953 15,938 10,205 5,631 8,531 12,77 31,497 15,938 10,205 41,000 740 1,504 1,504 1,504 1,438 14,700 1,504 1,504 1,438 1,438 11,2 1,2 1,43 1,504 1,504 <tr< td=""><td>Labor total</td><td>76.07</td><td>41.86</td><td>31.52</td><td>27.56</td><td>32.28</td><td>44.62</td><td>37.71</td></tr<> | Labor total | 76.07 | 41.86 | 31.52 | 27.56 | 32.28 | 44.62 | 37.71 |
| 41.83 34.00 34.51 42.58 38.68 39.41 41.83 34.00 17.15 14.58 267.74 25.36 8.39 247.97 255.63 266.16 274.84 267.74 225.36 8.39 18.3 266.16 274.84 267.74 225.36 8.39 27.68 279.12 269.69 275.86 319.03 26.92 279.12 269.69 276.86 319.03 10,606 11.835 17,613 36,603 174.16 90,714 10,606 11.835 17,713 14.856 14.348 10,606 11.835 17,713 14.856 14.348 10,606 11.835 17,713 174.164 90,714 10,606 11.835 17,713 174.164 90,714 10,606 11.27 314.97 154.64 90,714 11,000 18 1276.444 2.380.89 1328.207 780.65 11,000 1,504 1,504 1,504 1,504 1,504 11,000 1,504 1,504 1,504 1,504 1,504 11,000 1,00 0.0 0.0 0.0 11,000 1,00 <td>Value of feed fed</td> <td>30.97</td> <td>13.76</td> <td>15.41</td> <td>9.70</td> <td>12.32</td> <td>12.38</td> <td>14.03</td> | Value of feed fed | 30.97 | 13.76 | 15.41 | 9.70 | 12.32 | 12.38 | 14.03 |
| 14.97 16.96 17.15 15.11 16.02 14.03 14.03 25.35 25.63 26.15 274.84 26.15 274.84 26.15 274.84 26.15 274.84 26.15 274.84 26.15 275.89 26.15 275.89 26.15 275.89 26.15 275.89 26.10 275.19 288.74 275.12 286.39 275.10 286.73 (3.09) 14.98 0.50 (91.24) 275.19 286.73 (3.09) 14.98 0.50 (91.24) 256.09 91.332 17.113 14.95 0.50 (91.24) 25.631 8.531 12.777 31.497 15.938 10.205 24.336 749.831 12.777 31.497 15.938 10.205 24.336 749.831 12.777 31.497 15.938 10.205 24.336 27.49 2.380.899 11.388.207 2798.290 896.235 15.54 2.380.899 11.388.207 290.845 1.501 6.50 27 27 2.900.845 1.501 6.50 27 27 2.900.845 1.501 6.50 27 27 2.900.845 1.501 6.50 20 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | Capital purchases | 41.83 | 34.00 | 34.51 | 42.58 | 38.68 | 39.41 | 35.71 |
| 247.97 253.63 266.15 27484 267.74 225.35 252.10 226.18 259.92 274.76 283.36 275.89 274.76 283.36 275.89 274.76 283.36 275.89 277.79 265.19 288.74 279.12 269.69 275.89 275.89 225.10 256.09 11,835 17,633 17,113 14,95 25,034 336,063 174,164 90,714 14,164 90,714 15,824 28,688 55,562 134,953 174,164 90,714 14,164 90,714 12,22 14,93 12,22 14,9 13.1 12,2 12,030 13.1 12,2 12,030 13.1 12,2 12,030 13.1 12,2 13.1 13.1 13.1 13.1 13.1 13.1 13.1 13. | Operator interest paid | 14.97 | 16.96 | 17.15 | 15.11 | 16.02 | 14.03 | 15.24 |
| 28.39 | Crop returns | 247.97 | 253.63 | 266.15 | 274.84 | 267.74 | 225.35 | 283.07 |
| 262.18 259.92 274.76 283.36 275.10 225.10 266.92) (26.73) (3.09) 14.98 0.50 (91.24) 10,606 11,835 17,633 17,113 14,856 14,348 36,609 91,332 155,034 336,063 174,164 90,714 15,824 28,688 55,562 134,953 165,034 356,063 174,164 90,714 15,824 28,688 55,562 134,953 16,205 174,164 90,714 15,824 28,688 55,562 134,977 31,497 15,938 10,205 343,360 749,831 1,276,454 2,380,899 1,328,207 78,050 412,030 890,235 1,517,513 2,900,845 1,598,289 948,828 47,4 42,3 44,8 44,5 44,5 44,2 44,2 47,4 42,3 44,8 44,5 44,5 44,2 44,2 47,2 42,3 42,8 42,8 | Livestock return above feed | 8.39 | 1.83 | 3.67 | 1.69 | 2.32 | (3.57) | 6.60 |
| 321.19 288.74 279.12 269.69 75.08 319.03 10,606 11,835 17,633 17,113 14,856 14,348 10,606 11,835 17,633 17,113 14,856 14,348 36,609 91,332 17,633 17,113 14,856 14,348 15,824 28,688 55,562 134,953 65,013 35,487 15,824 28,688 55,562 134,97 31,497 174,164 90,714 343,60 749,831 1,276,454 2,380,889 1,328,207 798,050 412,030 890,235 1,574,513 2,900,845 1,598,289 948,828 1,470 1,504 1,543 1,480 1,591 1,622 61 53 42.8 44.5 44.5 44.5 40.2 43.9 42.8 44.5 44.5 8.1 7.2 7.7 8.1 7.8 8.1 7.2 7.7 8.1 7.8 | Value of farm production | 262.18 | 259.92 | 274.76 | 283.36 | 275.89 | 225.10 | 295.14 |
| (56.92) (26.73) (3.09) 14.96 0.50 (91.24) 10,606 11,835 17,633 17,113 14,856 14,348 10,606 91,332 15,634 336,063 174,164 90,714 15,824 28,688 55,562 134,953 65,013 35,487 15,824 28,688 55,562 134,97 15,938 10,205 24 43,360 749,831 1,277,77 31,497 15,938 10,205 412,030 890,235 1,517,513 2,900,845 1,328,207 798,050 1470 1,504 1,543 1,480 1,598,289 1,622 1,470 1,504 1,543 1,480 1,598,289 1,622 40.2 42.3 42.8 40.7 72 65 61 0.0 0.0 0.0 0.0 0.0 1.4 1.8 1.2 1.2 1.2 1.4 1.8 1.2 1.2 1.3 < | Total nonfeed cost | 321.19 | 288.74 | 279.12 | 269.69 | 276.86 | 319.03 | 263.47 |
| 10,606 11,835 17,633 17,113 14,856 14,348 36,609 91,332 15,034 336,063 174,164 90,714 15,824 28,688 55,562 134,953 65,013 35,487 0 1,501 1,276,454 2,380,899 1,328,207 798,050 412,030 890,235 1,577,513 2,900,845 1,598,289 948,828 1,470 1,504 1,543 1,480 1,598,289 1,622 47.4 42.3 44.8 44.5 44.5 1,598,289 40.2 1,57,513 2,900,845 1,598,289 948,828 47.4 42.3 44.8 44.5 1,598,289 47.4 42.3 44.8 44.5 1,598,289 40.2 43.9 42.8 44.5 44.5 10.3 8.1 0.0 0.0 0.0 0.0 0.0 0.4 1.8 1.2 1.0 1.2 11.4 134 | Management returns | (26.95) | (26.73) | (3.09) | 4 | 0.50 | (91.24) | 34.79 |
| 10,006 11,835 17,113 17 | Farm investment | 0 | - 7 | 7 | 7 | 010 | 1 1 0 10 | 0 400 |
| 15,824 28,688 55,562 134,953 65,013 35,487 15,938 10,205 134,957 15,938 10,205 14,205 15,938 10,205 15,938 10,205 15,938 10,205 15,938 10,205 15,938 10,205 14,2030 890,235 1,514 2,900,845 1,504 1,50 | Livestock inventory | 36,606 | | 17,633 | 336,063 | 174 164 | 90,714 | 97 145 |
| 15,824 28,688 55,562 134,953 65,013 35,487 5,631 8,531 12,777 31,497 15,938 10,205 343,360 749,831 1,276,454 2,380,899 1,328,207 798,050 412,030 890,235 1,517,513 2,900,845 1,598,289 948,828 47,4 42.3 44.8 44.5 1,598,289 948,828 40.2 43.9 42.8 44.5 1,598,289 948,828 40.2 43.9 42.8 44.5 44.5 65 67 6.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.4 1.8 1.2 1.0 1.2 1.1 1.1 2.2 1.3 1.5 43.9 43.9 43.9 1.2 3.9 42.8 42.8 43.9 1.2 1.1 1.1 1.3 1.3 1.3 1.3 1.3 1.3 2.2 1.3< | Remaining cost in | 000 | _ | 500 | | | - | |
| 5,631 8,531 12,777 31,497 15,938 10,205 18,938 10,205 18,938 10,205 18,938 10,205 18,938 10,205 18,938 10,205 18,938 10,205 18,938 10,205 18,938 10,205 18,938 10,205 18,938 10,205 18,938 10,205 18,938 11,504 11,504 11,513 11,480 11,501 11,501 11,501 11,622 11,501 11,501 11,622 11,501 11,622 11,501 11,622 11,501 11,622 11,501 11,622 11,501 11,622 11,501 11,622 11,501 11,622 11,501 11,622 11,622 11,622 11,621 11,622 11,622 11,621 11,622 11,622 11,621 11,622 11,6 | machineny and auto | 15 824 | 28 688 | 55 562 | 134 953 | 65.013 | 35.487 | 9.01 |
| 343.360 749,831 1,276,454 2,380,899 1,328,207 798,050 412,030 890,235 1,517,513 2,900,845 1,598,289 948,828 1,470 1,504 1,543 1,604 1,543 1,601 1,622 65 67 67 67 67 67 67 67 67 67 67 67 67 67 | buildings and fence | 5,631 | 8,531 | 12,777 | 31,497 | 15,938 | 10,205 | 5,375 |
| 343,360 749,831 1,276,454 2,380,899 1,328,207 798,050 1,504 1,517,513 2,900,845 1,582,207 1,504 1,543 1,480 1,548 1,501 1,622 1,504 1,543 1,480 1,548 65 65 67 67 65 67 67 65 67 67 65 67 67 67 67 67 67 67 67 67 67 67 67 67 | soil fertility | 0 | 18 | | 325 | | 24 | 0 0 |
| 472,030 472,030 1,504 1,543 1,480 1,504 1,504 1,543 1,480 1,501 1,622 65 67 67 67 67 67 67 67 67 67 67 67 67 67 | Value of land (current) | 343,360 | 749,831 | 276 | 2,380,899 | 1,328,207 | 798,050 | 770,235 |
| 47.4 42.3 44.8 44.5 44.2 39.5 47.4 42.3 43.1 40.2 43.9 43.1 40.7 7.2 8.1 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 | Lotal farm investment | 412,030 | 890,235 | ο <u>΄</u> | 7,900,043 | 1,390,209 | 340,020 | 1 427 |
| 47.4 42.3 44.8 44.5 44.2 39.5 40.2 43.9 42.8 40.7 43.1 40.2 43.9 42.8 40.7 43.1 8.1 7.2 8.1 7.8 10.3 0.1 0.0 0.0 0.0 0.0 0.4 1.8 1.2 1.2 1.1 1.2 1.2 1.2 1.4 3.1 134 131 136 133 134 120 42 43 43 39 58 59 63 61 59 | Machinery investment per till acre | 74,- | 1, C. | 04° | 224,1 | 65 | 736. | 49 |
| 47.4 42.3 44.8 44.5 44.5 44.2 39.5 44.4 40.2 43.9 42.8 40.7 41.9 43.1 43.1 40.2 43.9 42.8 40.7 7.8 41.9 43.1 8.1 7.2 7.7 8.1 7.8 10.3 0.1 0.0 0.0 0.0 0.0 0.4 1.8 1.2 1.0 1.2 1.1 1.2 1.2 1.2 1.4 3.1 134 131 136 133 134 120 42 43 43 43 39 58 58 59 63 61 59 | Percent tillable land in | 5 | | | 1 | } | | |
| 40.2 43.9 42.8 40.7 41.9 43.1 43.1 8.1 7.2 7.7 8.1 7.8 10.3 0.1 0.0 0.0 0.0 0.0 0.4 1.8 1.2 1.0 1.2 1.1 2.2 1.9 1.5 1.2 1.1 1.4 3.1 134 131 136 133 134 120 1 58 58 59 63 61 59 | Corn and corn silage | 47.4 | 42.3 | 44.8 | 44.5 | 44.2 | 39.5 | 46.2 |
| 8.1 7.2 7.7 8.1 6.3 10.3 10.3 10.3 10.3 10.3 10.3 10.3 10 | Soybeans | 40.2 | 43.9 | 42.8 | 40.7 | 41.9 | 43.1 | 46.0 |
| 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | Wheat | | 7.2 | 7.7 | | ×. c | 5.00 | 2.4 0.0 |
| 1.2 1.3 1.4 3.1 1.2 1.3 1.4 3.1 1.2 1.3 1.4 3.1 1.2 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 | Other small grain | 0.0 | 0.0 | 0.0 | 0.0 |) c |) - | 0.0 |
| 134 131 136 133 134 120 1 39 42 43 43 43 39 58 58 59 61 59 | Diversed acres | 4. 0 | - - | .i r. | 5.0 | | - K | 9.0 |
| 134 131 136 133 134 120 1 39 42 43 43 43 39 58 58 59 63 61 59 | Crop vields, bushels per acre | 7:7 | ? | 2 | į | • | | |
| 39 42 43 43 43 39 58 58 63 61 59 | Corn | 134 | 131 | 136 | 133 | 134 | 120 | 142 |
| SC 10 SG SG SG SG | Soybeans | 39 | 42 | 43 | 43 | 43 | တ္က ပ | 44 |
| | Wheat | 28 | | 59 | 63 | 10 | 60 | 00 |

Table 24. 1994 Average Return, Costs, and Financial Summary by Size and Months of Labor for Southern Illinois Hog Farms withSoil Ratings from 36 to 85260-499500-799Over 799Your FarmAll FarmsMonths

| Soli Ratings from 35 to 65 Range in size (total acres) | 60-559 | 260-499 | 500-799 | Over 799 | Your Farm | All Farms | Months | of Labor |
|--|---|------------------|------------------|--------------|-----------|-------------------|---|------------------|
| | | | | | | | | 31-39 |
| Number of farms | 10 | 33 | 29 | 35 | | 107 | 21 | 14 |
| Total acres in farm | 128 | 390 | 663 | 1,225 | | 713 | 840 | 879 |
| Soil rating on tillable land | 93 | 61 | 288 | 09 | | 09 | 100 100 100 100 100 100 100 100 100 10 | 09 |
| Total months labor Months of hired labor | 13.4 1.8 | 16.8 3.5 | 26.3 10.6 | 35.4 18.3 | | 10.1 | 23.6 8.7 | 33.9 |
| Beef produced, hundredweight | 49 | 105 | 7 A20 | 7 666 | | 205 7.081 | 409 5 003 | 170 |
| Daily cowers, number | o i | | 075.0 | 200 | | 0,1 | | |
| Crop returns | 27,598 | 87,141 | 149,108 | 294,380 | | 166,159 | 194,382 | 228,529 |
| Livestock returns above feed | 30,019 | 18,389 | 52,657 | 74,308 | | 47,055 | 53,463 | 77,175 |
| Oustorn work Other farm receints | 203 465 | 1 066 | 0000 | 3,233 | | 0,705 | 0,004 | 2,973 |
| Value of farm production | 58,585 | 106,883 | 204,961 | 375,650 | | 216,865 | 251,698 | 312,183 |
| Dollar costs per farm | L | . 00 | 400 | 000 | | 000 | 7 4 4 5 | 1000 |
| Crop expenses | 2,561 | 76,737 | 46,480 54,853 | 93,155 | | 52,708 75,708 | 57,440 | 70,566 85,424 |
| Building and fence | 4.132 | 6.645 | 15.242 | 27.756 | | 15.646 | 12.213 | 22.789 |
| Labor | 23,092 | 28,034 | 41,839 | 998,09 | | 42,053 | 38,861 | 60,305 |
| Livestock services and supplies | 6,537 | 5,550 | 9,564 | 17,264 | | 10,562 | 12,567 | 12,506 |
| Taxes | 2,164 | 3,716 | 5,380 | 10,183 | | 6,137 | 6,541 | 8,514 |
| Insurance and miscellaneous | 3,130 | 5,619 | 9,182 | 16,534 | | 9,922 | 10,295 | 16,191 |
| Interest on noniand capital | 8,104 | 11,404 20,138 | 35,1482 | 60,010 | | 40.037 | 73,09Z | 50,010 |
| Total nonfeed cost | 82.228 | 141.147 | 239,462 | 438,382 | | 259,513 | 266,398 | 362,419 |
| Capital account adjustment | 0 | 299 | 543 | 917 | | 653 | 099 | 1,339 |
| Management returns | (23,642) | (33,596) | (33,957) | (61,814) | | (41,994) | (14,039) | (48,896) |
| rarm production per \$1.00 of nonfeed costs | 0.71 | 0.76 | 0.86 | 0.86 | | 0.84 | 0.94 | 0.86 |
| Farm production per man | 52,542 | 76,208 | 93,629 | 127,288 | | 103,496 | 128,137 | 110,461 |
| Financial summary | | | | | | | | |
| Cash operating income | 171,354 | 192,348 | 330,008 | 576,248 | | 353,270 | 387,684 | 467,859 |
| Accts. receivable (net change) | 0 | 529 | 1,617 | 5,258 | | 2,321 | 4,253 | 1,599 |
| Farm products used | 201 | 999 | 1,212 | 2,037 | | 1,219 | 1,476 | 1,706 |
| Less purchased feed | 89,161 | 50,402 | 89,104 | 121,789 | | 87,865 | 87,458 | 106,690 |
| Less purchased livestock | 4,489 | 13,044 | 15,648 | 27,401 | | 17,64/ 216,865 | 30,010 | 312 183 |
| Cash operating expense | 37,601 | 70,065 | 128,702 | 234 580 | | 136,807 | 145.728 | 197,735 |
| Prepaid expense (-if increased) | (21) | (184) | (1,126) | 3,759 | | 865 | (1,100) | (845) |
| Accts. payable (+if increased) | 08 | 992 | 133 | 826 | | 612 | 111 | 2,635 |
| Tarm-produced inputs Total operating expense | 27 509 | 71 256 | 128 634 | 000,1 | | 139 094 | 145,896 | 200,303 |
| Income before depreciation | 20,986 | 35,627 | 76,327 | 134,929 | | 77,772 | 105,803 | 111,356 |
| Less depreciation | 8,922 | 13,614 | 27,672 | 55,555 | | 30,705 | 28,889 | 47,390 |
| Capital account adjustment | 12004 | 799 670 | 543 | 917 | | 053 | 000 | 1,339 65,306 |
| (operator's share) | 2,004 | (1.700) | 7.220 | (14,358) | 1 . | (3,076) | 23,105 | 2,160 |
| Labor & mgt. income per operator | (4,463) | (12,659) | (7,878) | (35,370) | | (18,026) | 7,850 | (21,336) |
| Note: Variations in totals due to round | (20.32) | 00.0 | 21.7 | 7.40 | | 2. | | 13:3 |

Note: Variations in totals due to rounding to the nearest dollar.
* Interest expense deducted from operator's share only. Shown in parentheses because it pertains to operator's net farm income only.

Table 24a. 1994 Average Operating Costs, Investments, and Land Use by Size and Management Returns for Southern Illinois

| Range in size (total acres) 60-259 260 | 60-259 | 260-499 | 500-799 | Over 799 | Your Farm | All Farms | Months of Labor | |
|--|--------------------|------------|------------------|-----------|--|------------|-----------------|-----------|
| | | | | | | | 21-27 | 31-39 |
| Number of farms | 10 | 33 | 53 | 35 | | 107 | 21 | 14 |
| Some costs and returns per tillable acre | acre | | | | | | | |
| Soil fertility | | 32.19 | 33.19 | 38.61 | | 32.96 | 33.30 | 42.10 |
| Pesticides | 16.51 | 28.07 | 26.25 | 27.09 | | 26.89 | 25.67 | 29.23 |
| Seed and other crop | 13.72 | 18.43 | 18.13 | 19.57 | | 18.92 | 19.83 | 17.08 |
| Crop total | 57.04 | 78.69 | 77.57 | 85.27 | | 81.78 | 78.80 | 88.41 |
| Light vehicle and utilities | 47.42 | 13.55 | 15.15 | 10.73 | | 12.86 | 10.16 | 14.04 |
| Machinery repairs, supplies | 52.54 | 24.34 | 24.82 | 26.63 | | 26.14 | 24.32 | 30.04 |
| Machinery hire | 23.73 | 4.06 | 1.27 | 6.03 | | 0.70 | 5.60 | 8.41 |
| Fuel and oil | 29.64 | 27.11 | -4.4- -7.0 | 12.01 | | 13.10 | 17.71 | 0.00 |
| Machinery depreciation | 64.64 | 30.00 | 29.95 | 34.77 | | 33.15 | 31.80 | 40.83 |
| Power and equipment total | 217.96 | 83.67 | 91.54 | 7.06 | The second secon | 91.50 | 24.12 | 20.701 |
| Unying and storage | 3.82 | 4.34 | ا ا ا ا | 2.99 | | 0.4 0.4 | ນ ເ ນ ເ | 04.4 |
| Building repair | 11.70 | 6.03 | 25.52 | 0.00 | | 0.10 | 5.30 | 0.03 |
| Building depreciation | 78.97 | 3.35 | 10.23 | 10.03 | | 14.92 | 0/./0 | 20.00 |
| Building total | 42.38 | 18.72 | 25.44 | 25.40 | | 24.51 | 07.0 | 26.53 |
| Labor, unpaid | 198.42 | 62.91 | 43.71 | 26.24 | | 39.43 | 44.14 | 35.08 |
| Labor, nired | 38.41 | 10.00 | 70.07 | 79.47 | | 70.44 | 19.17 | 40.40 |
| Labor total | 235.84 | 78.90 | 043.82 | 55.7 | | 00.00 | 2000 | 0000 |
| Value of feed fed | 1,080.20 | 254.67 | 241.46 | 17.702 | | 230.80 | 202.51 | 220.14 |
| Capital purchases | 61.30 | 40.44 | 49.07 | 52.93 | | 49.92 | 35.74 | 84.09 |
| Operator interest paid | 69.51 | 29.49 | 24.21 | 25.78 | | 20.04 | 18.08 | 26.90 |
| Crop returns | 283.05 | 245.45 | 248.84 | 269.42 | | 72.097 | 20.08 | 280.33 |
| Livestock return above feed | 307.89 | 51.80 | 87.88 | 68.01 | | /3./1 | 73.35 | 96.69 |
| Value of farm production | 600.87 | 301.05 | 342.05 | 343.80 | | 339.70 | 345.31 | 391.14 |
| lotal nonfeed cost | 843.30 | 397.30 | 388.03 | 401.22 | | 400.30 | 303.40 | (81.00) |
| Management returns | (545.49) | (24.02) | (10.00) | (20.00) | | (01.00) | | (07:10) |
| | 55 567 | 55 720 | 88 167 | 166 400 | | 101 642 | 97 143 | 126 146 |
| Grain inventory | 19,565 | 59,752 | 118 165 | 234,700 | | 129,120 | 138,251 | 209,474 |
| Remaining cost in | | |)) - - | | | | | |
| moobinon ond nito | 11 241 | 01 020 | A2 250 | 106 341 | | 54 089 | 53 373 | 86 732 |
| buildings and fence | 9,043 | 16,681 | 46,663 | 103,652 | | 52,541 | 35,309 | 60,856 |
| soil fertility | 0 | 48 | 1,011 | 270 | | 377 | 1,397 | 232 |
| Value of land (current) | 183,491 | 500,849 | 787,574 | 1,542,742 | | 886 | 956,337 | 1,155,769 |
| Total farm investment | 289,009 | | 1,083,939 | 2,154,108 | | 1,227,475 | 908,182,1 | 1,639,206 |
| lotal investment per acre | 2,251 | 1,681 | 1,636 | 1,759 | | 1,723 | 020,1 | 000, |
| Machinery Invest, per till, acre | 0 | 70 | _ | 16 | | 000 | 2 | 200 |
| Corn and corn silade | 66 1 | 47.7 | 45.1 | 48.6 | | 47.8 | 49.2 | 47.4 |
| Sovbeans | 17.9 | 37.4 | 38.8 | 38.6 | | 38.1 | 39.0 | 36.3 |
| Wheat | 8.0 | 7.8 | 9.1 | 6.5 | | 7.4 | 5.8 | 8.6 |
| Other small grain | 0.0 | 0.4 | 0.1 | 0.0 | | 0.1 | 0.1 | 0.0 |
| Diverted acres | 2.1 | 0.1 | 0.4 | 0.7 | | 0.5 | 0.0 | 4.0 |
| All hay and pasture | Z.9 | y.y | 3.8 | 0.0 | | 0.0 | 7.7 | N. O. |
| Corn | 116 | 125 | 135 | 140 | | 136 | 136 | 147 |
| Sovbeans | 47 | 42 | 43 | 45 | | 44 | 45 | 46 |
| Wheat | 09 | | 52 | 62 | | 58 | 09 | 64 |
| Note: Variations in totals due to rounding to the nearest dollar | ding to the neares | st dollar. | | | | | | |
| | | | | | | | | |

| Table 25. 1994 Average Return, Costs, and Financial Summary by Number of Area of state | Costs, and Fir | nancial Summary by I Northern Illinois | ry by Number o | f Cows in Herd | for Illinois | Dairy Farms Southern Illinois | llinots | |
|--|--------------------------|---|---------------------------|-------------------|----------------------|----------------------------------|--------------------|------------------|
| Number of cows in herd | 10-39 | 40-79 | Over 79 | All Farms | 10-39 | 40-79 | Over 79 35 | All Farms |
| Total acres in farm Acres of tillable land Soil rating on tillable land | 262 221 74 | 331 282 72 | 517 445 72 | 375 320 72 | 281 243 59 | 393 353 62 | 588 556 59 | 488 453 60 |
| Total months labor Months of hired labor | 16.3 | 20.3 | 32.4 | 23.2 | 18.3 | 23.1 | 32.4 | 27.7 |
| Beef produced, hundredweight | 424 | 433 | 810 | 538 | 183 | 522 | 671 | 579 |
| Dairy cows, number Dollar returns per farm | 27 | 59 | 108 | 69 | 32 | 63 | 113 | 87 |
| Crop returns | 71,238 | 93,263 | 145,022 149,191 | 105,031 | 53,241 | 87,293 | 142,038 141,507 | 113,858 |
| Custom work | 315 | 1,243 | 588 | 938 | 468 | 521 | <u>ر</u> | 418 |
| Value of farm production | 119,395 | 164,606 | 300,897 | . (| 85,809 | 169,535 | | 3 |
| Crop expenses | 17,159 | 20,585 | 36,031 | 24,503 | 17,724 | 25,640 | 48,442 | 37,079 |
| Power and equipment Building and fence | 25,709 5,491 | 36,939 | 71,524 24,240 | 45,252 13,864 | 36,324 | 47,228 6,141 | 76,308 11,294 | 61,768 8,662 |
| Labor | 28,130 | 33,957 | 53,101 | 38,609 | 29,222 | 37,094 | 51,180 | 43,982 |
| Livestock services and supplies Taxes | 9,588 4,228 | 15,726 5,541 | 34,254 9,746 | 20,164 6,558 | 1,725 | 3,218 | 23,215 4,793 | 3,952 |
| Insurance and miscellaneous | 3,114 | 4,587 | 7,978 | 5,354 | 3,687 | 5,413 | 7,057 | 6,169 |
| Interest on nonland capital Land charge or net rent | 10,512 | 16,664 24.144 | 32,130 37,609 | 20,235 | 10,126 | 16,370 23,663 | 29,336 31,759 | 22,770 27,343 |
| Total nonfeed cost | 123,243 | 168,867 | 306,613 | 201,860 | 123,010 | 177,682 | 283,385 | 229,636 |
| Management returns | (3,835) | (3,192) | (4,863) | (3,747) | (36,900) | (3,127) | 8,456 | 90 |
| Farm production per \$1.00 of nonfeed costs | 0.97 | 0.97 | 0.98 | 0.98 | 0.70 | 0.95 | 1.02 | 0.99 |
| Farm production per man | 87,966 | 97,134 | 111,611 | 102,000 | 56,422 | 87,934 | 107,409 | 0 |
| Cash operating income | 137,283 | 191,089 | 363,851 | 232,910 | 98,598 | 220,286 | 378,825 | 295,840 |
| Inventory change Accts, receivable (net change) | 8,150 2,582 | 7,431 4.193 | 5.050 | 8,270 | 000 | (4,390) 464 | 1,917 | (2,296) 1,196 |
| Farm products used | 1,388 | 1,471 | 3,971 | 2,166 | 829 | 1,374 | 2,536 | 1,949 |
| Less purchased reed Less purchased livestock | 7,998 | 7.166 | 14,926 | 9,464 | 2,363 | 6,499 | 13,723 | 10,026 |
| Adjusted gross farm income | 120,259 | 165,533 | 304,020 | 198,780 | 85,991 | 169,812 | 290,932 | 228,080 |
| Cash operating expense | 61,512 | 82,000 | 168,674 | 103,821 | 54,909 | 88,990 | 156,214 | 122,073 |
| Accts. payable (+if increased) | 209 | 145 | (239) | (32) | 0,00 | 730 | 187 | 403 |
| Farm-produced inputs | 871 | 875 | 3,038 | 1,485 | 182 | 869 | 1,704 | 1,193 |
| I otal operating expense Income before depreciation | 60,64 1 59,618 | 83,282 82,251 | 169,303 134,717 | 104,640 94,139 | 58,626 27,364 | 89,854 79,959 | 135,981 | 106,084 |
| Less depreciation | 10,872 | 19,511 | 39,113 | 23,929 | 18,198 | 23,154 | 38,674 | 30,966 |
| Not farm income * | 48 758 | 63 807 | 96 456 | 71 081 | 9 467 | 61 824 | 69.323 | 78.287 |
| (operator's share) | 36,046 | 31,650 | 18 | 37,568 | 5,311 | 28,244 | 53,541 | 40,090 |
| Labor & mgt. income per operator Rate earned on investment, % | 12,202 4.58 | 17,888 4.98 | 19,005 5.21 | 17,469 5.04 | (17,638) (2.69) | 18,672 5.00 | 27,453 6.39 | 21,091 |
| NO+0: (10 4) (10 4) (10 4) (10 4) (10 4) (10 4) | ding to the pain | to dollor Nioshboss | d och doc cocill o | Dan gradenor den | Ciocill Innois | | | |

Rate earned on investment, % 4.58 4.98 5.21 5.04 5.04 (2.69)

Note: Variations in totals due to rounding to the nearest dollar. Northern Illinois includes both northern and central Illinois.

*Interest expense deducted from operator's share only. Shown in parentheses because it pertains to operator's net farm income only.

| ows in herd 10-39 40-79 Inter returns per tillable acre 27.05 31.69 28.93 22.21 Inter crop 21.82 19.17 Inter crop 21.82 19.17 Interest paid 24.90 5.74 Interest paid 17.79 16.65 Interest paid 24.90 5.74 Interest paid 17.79 38.88 Interest paid 25.967 316.65 Interest paid 25.967 316.65 Interest paid 24.39 33.103 Interest paid 25.967 316.65 Interest paid 25.967 31.65 Interest paid 25.9 | Area of state Northern Illinois Southern | | Northern Illinois | Illinois | | | Southern Illinois | Illinois | |
|--|---|------------------|-------------------|----------------|---------|----------|-------------------|----------|-----------|
| 16 73 35 124 4 26 35 28.83 22.72 24.06 23.53 14.63 76.39 34.75 38.66 28.83 22.71 24.06 23.53 16.37 17.76 20.06 28.02 21.82 16.77 16.56 16.37 17.76 20.06 <th>Number of cows in herd</th> <th>10-39</th> <th>40-79</th> <th>Over 79</th> <th></th> <th>10-39</th> <th>40-79</th> <th>Over 79</th> <th>All Farms</th> | Number of cows in herd | 10-39 | 40-79 | Over 79 | | 10-39 | 40-79 | Over 79 | All Farms |
| 27.05 31.69 37.71 33.64 34.40 34.75 38.66 21.82 22.21 24.06 25.25 73.07 77.76 20.06 28.02 21.82 19.71 19.41 19.41 73.01 19.23 16.75 20.06 20.06 20.06 20.06 20.06 20.06 20.06 20.06 20.06 20.06 20.06 20.06 20.06 20.06 20.07 20.06 </th <th>Number of farms</th> <th>16</th> <th>73</th> <th>35</th> <th>124</th> <th>4</th> <th>28</th> <th>35</th> <th>29</th> | Number of farms | 16 | 73 | 35 | 124 | 4 | 28 | 35 | 29 |
| 28.56 28.57 28.50 | Some costs and returns per tillable ac- | | | | 000 | | 1 | 0 | 0100 |
| 1,10 | Soil tertility | 27.05 | 31.69 | 37.71 | 33.04 | 34.40 | 34.75 | 38.66 | 37.75 |
| 1,100 1,10 | Pesticides | 28.93 | 127.71 | 24.00 | 40.44 | 46.37 | 20.00 17.76 | 20.02 | 10 44 |
| 14.57 18.02 21.14 18.94 14.53 19.25 16.75 18.02 21.14 18.95 14.53 19.25 18.02 20.14 18.95 17.30 18.55 18.95 17.30 18.55 18.55 18.95 17.30 18.57 18.95 18.95 17.30 18.57 18.95 18.95 17.30 18.57 18.95 18.95 17.30 18.55 18.5 | Seed and other crop | 20.12 | 73.06 | 90.00 | 76.50 | 72.01 | 72.58 | 87.12 | 21.01 |
| 29.33 37.17 44.17 39.54 47.32 38.59 37.32 38.59 37.32 38.59 37.37 44.32 38.54 47.32 38.54 38.59 37.37 44.37 16.56 47.32 38.54 17.30 14.10 16.56 13.11 16.56 13.11 16.56 13.11 16.56 13.11 16.56 13.11 16.56 13.11 16.56 13.11 16.56 13.11 16.56 13.11 16.56 13.11 16.56 13.11 16.56 13.11 16.56 13.11 16.56 13.11 16.56 13.11 16.56 15.11 16.56 15.11 16.56 15.11 16.56 15.11 16.56 15.11 16.56 15.11 16.56 15.11 16.56 15.11 16.56 15.11 16.56 15.11 16.56 15.11 16.56 15.11 16.56 15.11 16.56 15.11 16.56 15.11 16.56 15.11 16.50 15.11 16.56 15.11 | Crop total | 51.13 | 3.00 | 90.30 | 10.03 | 1 4 5 5 | 10.00 | 16.75 | 07.77 |
| 2936 12.81 | Light venicle and utilities | 14.57 | 16.02 | 41.14 | 10.94 | 14.33 | 19.23 | 10.73 | 17.40 |
| 1,100 1,50 | Machinery repairs, supplies | 29.53 | 37.17 | 44.97 | 39.30 | 47.32 | 35.57 | 44.30 | 90.21 |
| 11,000 1 | Machinery nire | 20.38 | 12.04 | Z0.47 | 10.30 | 4.70 | 0.04 | 00.1 | 9.37 |
| 116.56 131.11 160.72 141.44 149.64 133.68 137.24 149.65 15.54 15.55 12.94 15.56 131.11 160.72 141.44 149.65 15.54 | Fuel and oil | 14.10 | 16.56 | 18.99 | 17.30 | 13.57 | 15.77 | 15.90 | 15.78 |
| 10.50 10.11 10.50 10.12 10.1 | Machinery depreciation | 37.38 | 40.51 | 50.14 | 48.09 | 09.48 | 20.46 | 197.32 | 126 40 |
| 8.90 5.74 15.24 5.55 6.48 6.52 6.49 8.90 9.54 15.24 25.71 5.55 6.48 9.06 17.38 17.39 17.31 17.39 17.31 17.39 17.31 17.39 17.31 17.39 17.31 17.39 17.31 17.39 | Power and equipment total | 110.56 | 131.11 | 160.72 | 141.44 | 149.04 | 133.00 | 15/.24 | 130.40 |
| 11,91 22,74 16,24 15,34 13,54 17,38 10,34 12,34 13,54 13,54 10,33 10,34 13,5 | Drying and storage | 4.90 | 5.74 | 5.43 | 5.55 | 2.19 | 1.79 | 1.58 | 1.67 |
| 1.91 22.74 23.74 43.34 13.54 17.38 20.31 103 23 22.72 27.80 46.56 26.04 29.06 23.54 103 23 22.72 14.55 29.17 17.57 25.06 26.910 12.54 120.52 14.55 120.68 120.38 105.00 22.05 12.54 120.52 14.55 120.68 120.38 105.00 22.05 24.82 24.82 24.92 24.93 24.13 26.13 26.13 24.82 24.82 24.94 23.58 26.94 24.73 22.13 22.44 24.82 24.92 24.98 26.83 24.73 24.73 22.13 22.44 24.82 24.92 24.98 26.83 26.94 24.73 22.13 22.44 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 24.92 | Building repair | 8.09 | 9.59 | 16.29 | 12.08 | 5.85 | 6.52 | 6.49 | 6.48 |
| 24.30 38.07 24.47 85.34 17.35 17.38 20.31 103.23 27.20 36.64 35.64 30.68 34.13 38.54 24.31 27.80 48.56 35.64 30.68 34.13 38.54 22.36.7 31.62 36.48 35.77 20.08 22.05 22.38.8 61.82 36.99 41.43 38.50 77.85 26.68 26.91 22.38.8 61.82 36.99 41.43 32.99 77.50 67.85 26.80 26.81 22.08.9 33.103 32.88.9 29.98 41.43 27.86 28.75 36.48 27.85 26.48 26.48 36.48 26.48 | Building depreciation | 11.91 | 22.74 | 32.75 | 25.71 | 5.48 | 9.06 | 12.24 | 10.98 |
| 103.23 92.72 70.76 85.03 89.70 70.86 535.4 120.31 120.52 119.32 120.68 120.68 105.00 92.05 22.96 7 316.65 361.45 39.91 75.76 250.68 2691.0 38.88 61.82 61.82 61.82 61.82 61.82 62.94 322.96 331.03 325.87 326.29 35.72 625.45 210.50 331.03 325.87 226.83 124.73 221.35 221.35 221.35 210.50 11.33 (10.93) (11.34) (10.93) (10 | Building total | 24.90 | 38.07 | 24.47 | 43.34 | 13.53 | 17.38 | 20.31 | 19.14 |
| 24.31 27.80 48.56 30.68 130.68 143.3 38.50 259.67 316.68 36.48 120.58 14.63 66.50 92.05 259.67 316.68 36.48 329.17 175.76 250.68 269.10 38.88 61.82 361.43 322.17 175.76 250.68 269.10 24.82 331.03 325.87 328.29 219.33 247.09 269.37 210.50 243.98 335.24 276.83 219.33 221.35 2524.50 558.77 584.25 676.13 636.50 502.94 509.66 558.77 688.97 630.94 61.65 36.34 47.99 524.50 61,932 89,000 149.301 102.528 52.491 97.006 163.86 61,932 89,000 149.301 102.528 52.491 97.006 163.86 61,932 89,000 149.301 102.528 52.491 97.006 163.86 | Labor, unpaid | 103.23 | 92.72 | 70.76 | 85.03 | 89.70 | 70.86 | 53.54 | 60.35 |
| 127.54 120.68 120.68 120.38 105.00 92.05 259.67 31.65 361.45 39.90 41.43 125.5 36.75 26.91 67.82 36.48 36.75 67.83 36.48 36.75 67.84 | Labor, hired | 24.31 | 27.80 | 48.56 | 35.64 | 30.68 | 34.13 | 38.50 | 36.83 |
| 259.67 316.65 361.45 329.17 175.76 250.68 269.10 24.82 45.43 39.90 41.43 1.65.6 36.72 269.10 24.82 45.43 39.90 41.43 325.87 36.48 36.78 210.50 24.98 335.24 276.83 219.33 247.09 255.45 210.50 243.98 335.24 276.83 219.33 247.09 255.45 541.32 584.25 676.13 66.50 353.49 47.88 521.24 558.77 59.37 (10.93) (11.71) (16.201) (8.85) 521.45 61.932 89.000 149.301 102.28 50.79 15.21 42.927 54,338 96.885 64.875 37,150 58.377 104.471 11,718 32,58 67.148 96.423 54.785 57.490 16.869 38.374 11,718 32,58 67.148 96.423 54.790 16.477 708.06 <t< td=""><td>Labor total</td><td>127.54</td><td>120.52</td><td>119.32</td><td>120.68</td><td>120.38</td><td>105.00</td><td>92.02</td><td>97.18</td></t<> | Labor total | 127.54 | 120.52 | 119.32 | 120.68 | 120.38 | 105.00 | 92.02 | 97.18 |
| 38.88 61.82 61.58 59.68 41.63 86.72 67.85 22.82 24.82 39.90 41.43 322.96 41.63 86.72 67.85 36.48 22.96 331.03 325.87 326.83 12.47 227.35 224.50 225.45 243.98 335.24 276.83 124.73 221.35 224.50 256.73 593.74 680.97 680.97 650.94 506.73 502.94 509.66 42.92 243.98 521.24 502.94 506.73 506.73 506.73 506.73 506.73 506.73 502.94 509.66 42.92 54.38 96.89 64.87 650.94 506.73 506 | Value of feed fed | 259.67 | 316.65 | 361.45 | 329.17 | 175.76 | 250.68 | 269.10 | 260.10 |
| 24.82 45.43 38.99 41.43 12.55 38.75 38.48 322.96 331.03 335.24 276.83 124.73 221.35 235.75 38.48 210.50 243.89 335.24 276.83 124.73 221.35 255.45 210.50 243.89 335.24 276.83 124.73 221.35 254.50 558.77 599.37 668.97 630.94 500.94 502.94 502.94 61,332 89,000 149,331 (11.71) (16.85) 15.21 61,332 89,000 149,331 (10.53) (11.71) (6.85) 15.21 11,718 32,758 67,616 39,882 52,491 97,006 16.3868 429,178 536,527 39,882 54,790 15,415 104,471 11,718 32,758 67,616 39,882 54,790 15,415 104,471 11,718 536,527 124,475 52,481 97,006 16,380 21,333 42,149 96,423 67,704 457,041 76,977 21,333 42,149 96,423 67,704 46,99 1,881 21,48 536,527 32,417 46,99 1,881 | Capital purchases | 38.88 | 61.82 | 61.58 | 29.68 | 41.63 | 85.72 | 67.85 | 72.84 |
| 210.56 235.87 226.29 271.03 225.47 227.09< | Operator interest paid | 24.82 | 45.43 | 39.90 | 41.43 | 12.55 | 35.75 | 36.48 | 35.47 |
| 241,39 524,26 576,13 676,13 676,13 676,13 676,13 676,13 676,13 676,13 676,13 676,13 676,13 676,13 676,13 676,13 676,13 676,13 676,13 670,14< | Crop returns | 322.98 | 331.03 | 325.87 | 328.29 | 219.33 | 247.09 | 255.45 | 75.1.57 |
| 61,932 | Livestock return above reed | 210.50 | 243.98 | 335.24 | 616.63 | 262.73 | 470.88 | 504.30 | 509.38 |
| (17.39) (11.31) (10.93) (11.71) (152.01) (8.85) 15.21 (17.39) (11.33) (10.93) (11.71) (152.01) (8.85) 15.21 (17.39) (11.34) (10.93) (11.71) (152.01) (8.85) 15.21 (17.38) (17.39) (17.39) (14.338 96,885 64,875 37,150 58,377 104,471 | Value of Tarril production Total popposed cost | 541.32 558 77 | 599.23 | 688 97 | 630.94 | 506.73 | 502.94 | 509.66 | 507.37 |
| 61,932 89,000 149,301 102,528 37,150 58,377 104,471 104,471 104,471 102,528 37,150 58,377 104,471 104, | Management returns | (17.39) | (11,33) | (10.93) | (11.71) | (152.01) | (8.85) | 15.21 | 2.00 |
| 61,932 89,000 149,301 102,528 52,491 97,006 163,868 104,471 42,927 54,338 96,885 67,616 39,882 37,150 58,377 104,471 10,4471 21,393 42,149 96,423 54,790 15,415 18,869 38,003 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | Farm investment | | | | | | | | |
| 11,718 32,758 67,616 39,882 30,510 38,210 76,927 11,718 32,758 67,616 39,882 30,510 38,210 76,927 123 607,134 22,145 18,869 38,003 11,003 11,0 | Livestock inventory | 61,932 | 89,000 | 149,301 | 102,528 | 52,491 | 97,006 | 163,868 | 129,276 |
| 11,718 32,758 67,616 39,882 30,510 38,210 76,927 21,393 42,149 96,423 54,790 15,415 18,869 38,003 38,003 54,790 15,415 18,869 38,003 38,003 54,790 15,415 18,869 38,003 38,003 54,790 15,415 18,869 38,003 38,003 567,148 754,829 1,246,099 869,277 457,041 738,314 1,089,025 57,163 2,282 2,409 2,321 1,626 1,879 1,851 1,851 1,28 10.4 9.4 10.2 29.7 10.8 10.3 0.5 0.5 11.0 0.7 10.7 10.8 10.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | Grain inventory Bemaining cost in | 42,927 | 54,338 | 96,885 | 64,875 | 37,150 | 56,377 | 104,471 | 01,100 |
| 21,393 42,149 96,423 54,790 15,415 18,869 38,003 28, 58 123 69 123 69 123 69 123 69 123 69 123 69 123 69 123 607,134 755,854 705,756 607, 738,714 758, | machinery and auto | 11,718 | 32,758 | 67,616 | 39,882 | 30,510 | 38,210 | 76,927 | 57,976 |
| Fe 536,527 835,753 607,134 321,475 525,854 705,756 607, 134 567,148 754,829 1,246,099 869,277 457,041 738,314 1,089,025 904, 1,246,099 869,277 457,041 738,314 1,089,025 904, 1,626 1,851 1,14 42 1,626 1,879 1,851 1,14 1,089,025 904, 1,851 1,14 1,089,025 1,851 1,14 1,089,025 1,879 1,879 1,851 1,14 1,089,025 1,879 | buildings and fence | 21,393 | 42,149 | 96,423 | 54,790 | 15,415 | 18,869 | 38,003 | 28,658 |
| 567,148 754,829 1,246,099 869,277 457,041 738,314 1,089,025 904, 2,2163 2,282 2,409 2,321 1,626 1,879 1,851 1,165 1,248 1,048 1,249 1,249 2,321 1,626 1,879 1,851 1,16 1,089,025 904, 1,249 1,25 1,28 1,04 1,02 1,03 1,14 1,08 1,03 1,14 1,14 1,15 1,14 1,14 1,15 1,14 1,14 | Soil fertility Value of land (current) | 0 420 478 | 536 527 | 123 835 753 | 607 134 | 321 475 | 525,854 | 705.756 | 607.631 |
| Fig. 2, 163 2, 282 2, 409 2, 321 1, 626 1, 879 1, 851 1, 1, 1, 626 1, 162 108 138 138 138 10.4 10.2 10.4 10.2 10.3 10.3 10.3 10.3 10.3 11.4 10.5 10.8 10.3 11.4 11.5 11.5 11.5 11.5 11.5 11.5 11.5 | Total farm investment | 567.148 | 754,829 | | 869,277 | 457,041 | 738,314 | | 904,729 |
| Fig. 63.8 (152 125 126 108 138 138 138 15.8 (10.4 9.4 10.2 10.2 10.3 10.4 10.2 10.4 10.2 10.3 10.3 10.3 10.3 10.3 10.3 10.3 10.3 | Total investment per acre | 2,163 | 2,282 | 2,409 | 2,321 | 1,626 | 1,879 | 1,851 | 1,852 |
| 54.8 52.7 53.8 53.3 38.2 40.5 46.9 12.8 10.4 9.4 10.2 29.7 23.8 26.8 0.3 0.5 1.0 0.7 10.8 10.3 6.4 4.7 3.6 4.4 1.6 0.4 0.0 1.5 0.2 0.0 0.0 0.6 0.6 24.1 30.3 31.4 30.2 14.9 96 112 14 41 41 42 54 52 53 54 60 54 52 41 41 54 54 41 41 54 54 54 60 55 53 52 41 54 54 60 60 54 60 60 60 55 53 60 60 54 60 60 60 55 53 60 60 54 60 60 60 55 60 60 60 60 60 60 60 60 60 60 60 60 60 60 | Machinery invest, per till, acre | 53 | 116 | 152 | 125 | 126 | 108 | 138 | 128 |
| 12.8 10.4 9.4 10.2 29.7 23.8 26.8 10.4 0.3 11.0 0.7 10.7 10.8 10.3 10.3 10.3 10.3 11.4 11.5 11.5 11.5 11.5 11.5 11.5 11.5 | Percent tillable land in | i i | 100 | C | C | C | 7 0 4 | 46.0 | 7 7 7 |
| 6.3 0.5 1.0 0.7 10.7 10.8 10.3 6.4 4.7 3.6 4.4 1.6 0.4 0.0 1.5 0.2 0.0 0.2 0.0 0.6 24.1 30.3 31.4 30.2 17.6 23.2 14.9 155 145 153 149 96 112 114 54 52 53 52 41 41 42 54 52 53 52 41 41 42 | Corn and corn silage Soubeans | 8.4°C | 52.7 10.4 | 03.0 0.4.0 | 10.0 | 200.2 | 23.0 | 26.8 | 25.9 |
| 6.4 4.7 3.6 4.4 1.6 0.4 0.0 0.0 1.5 0.2 0.0 0.2 0.7 0.0 0.6 0.0 0.2 0.7 0.0 0.6 0.6 0.7 0.0 0.6 0.6 0.6 0.6 0.7 0.0 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 | Wheat | 0.3 | 0.5 | 1.0 | 0.7 | 10.7 | 10.8 | 10.3 | 10.5 |
| 1.5 0.2 0.0 0.7 0.0 0.6 1.5 24.1 30.3 31.4 30.2 17.6 23.2 14.9 114 155 145 153 149 96 112 114 41 42 52 53 48 54 60 | Other small grain | 6.4 | 4.7 | 3.6 | 4.4 | 1.6 | 0.4 | 0.0 | 0.5 |
| 155 145 153 149 96 112 114 42 52 54 52 441 441 40 60 | Diverted acres | 1.5 | 0.0 | 0.0 | 0.00 | 17.6 | 0.00 | 0.0 | 17.7 |
| 155 145 153 149 96 112 114 54 52 53 52 41 41 42 66 74 60 | All flay allo pasture Cron vields hushels ner acre | 74.1 | 0.00 | ţ. | N.000 | 2. | 7.03 | 2 | |
| 54 52 53 41 41 42 | Corn | 155 | 145 | 153 | 149 | 96 | 112 | 114 | 113 |
| | Soybeans | 54 | 52 | 53 | 22 | 41 | 41 | 42 | 42 |

| Table 26. 1994 Average Return, Costs, and Financial | , Costs, and Fi | | Summary by Size and Months of Labor for Illinois | Months of Lab | or for Illinois | Beef Farms | of l shor | Codt |
|--|----------------------|--------------------------|--|---------------------------|------------------|---------------------------|---------------------------|-------------------------|
| Area of state (fotal acres) | 180-339 | 340-799 | Over 799 | All Farms | Your Farm | 21-27 | 31-39 | Illinois |
| Number of farms | 13 | 40 | 21 | 74 | | 17 | 4 | 12 |
| Total acres in farm Acres of tillable land Soil rating on tillable land | 272 249 80 | 530 456 77 | 1,299 1,139 80 | 703 614 79 | | 691 637 80 | 1,415 1,096 69 | 748 558 50 |
| Total months labor Months of hired labor | 18.1 | 17.5 | 34.5 | 22.4 | | 24.0 | 35.0 | 17.3 |
| Beef produced, hundredweight Pork produced, hundredweight Dairy cows, number | 1,475 267 0 | 2,443 562 0 | 6,282 996 0 | 3,362 633 0 | | 2,773 1,198 0 | 6,218 676 0 | 1,326 345 0 |
| Crop returns | 91,236 | 159,776 | 405,485 | 217,464 | | 201,841 | 400,090 | 115,368 |
| Custom work | # 858 858 | 2,460 | 6,258 2,736 2,736 | 3,257 | | 1,657 | 9,307 | 426 |
| Value of farm production | 107,239 | 172,620 | 468,791 | 245,183 | | 226,339 | 462,608 | 129,868 |
| Crop expenses | 22,416 | 39,449 | 97,389 | 52,899 | | 50,743 | 92,131 | 36,056 |
| rower and equipment Building and fence | 8,473 | 11,513 | 94,033 19,528 | 13,253 | | 14,992 | 21,227 | 5,754 |
| Labor Livestock services and supplies | 23,136 3,349 | 29,125 6,571 | 58,178 19,024 | 9,539 | | 7,934 | 17,910 | 4,374 |
| Taxes Insurance and miscellaneous | 5,427 | 10,203 6,306 | 22,978 14 425 | 12,989 8 177 | | 74,872 | 21,779 | 4,753 6.157 |
| Interest on nonland capital | 15,635 | 28,205 44,47E | 69,431 | 37,696 | | 35,606 | 69,132 | 18,784 |
| Total nonfeed cost | 132,779 | 216,884 | 505,750 | 284,084 | | 284,866 | 488,127 | 169,327 |
| Capital account adjustment Management returns | 526 (25.013) | 847 (43.416) | (31.598) | (36,829) | | 3,178 | (25,518) | 36,091) |
| Farm production per \$1.00 | 0.81 | | , , | , 980 | | 0.79 | 0.95 | 0.77 |
| Farm production per man | 71,068 | 118,115 | 163,081 | 131,056 | ļ | 113,004 | 158,495 | 90,256 |
| Cash operating income | 257,515 | 478,563 | 1,259,878 | 661,455 | | 549,421 | 1,149,105 | 252,490 |
| Inventory change Accts. receivable (net change) | 2,823 4,867 | (44,422) 10,043 | (37,288) 24,569 | (34,098) 13,256 | | (59,106) 10,620 | 37,485 22,695 | (23,519) |
| Farm products used | 428 | 1,149 | . 1,658 | 1,167 | | 1,314 | 1,380 | 732 |
| Less purchased leed Less purchased livestock | 136,106 | 240,106 | 695,747 | 351,139 | | 234,663 | 92,599 | 84,741 |
| Adjusted gross farm income | 107,239 | 172,620 93,566 | 468,791 | 245,183 130,205 | | 226,340 124,570 | 462,608 228.139 | 129,868 84,847 |
| Prepaid expension (-if increased) | (93) | 5,668 | 2,279 | 3,694 | | 4,247 | 1,177 | (77) |
| Accts: payable (+ii increased) Farm-produced inputs | 0 | 129 | 138 | 109 | | 285 | 00 | 173 |
| Total operating expense Income before depreciation | 59,302 47,938 | 9 9,436 73,184 | 245,307 223,484 | 133,781 111,402 | | 126,685 99,654 | 229,315 233,292 | 84,839 45,029 |
| Less depreciation | 12,207 | 22,777 | 53,388 5,360 | 29,607 | ļ | 33,548 | 60,126 | 18,394 |
| Net farm income * | 36,257 | | 175,456 | 83,866 | | 69,284 | 173,167 | 30,002 |
| (operator's snare) Labor & mgt. income per operator | (5,943) | (22,808) | 30,232 (13,444) 7.25 | (17,188) | | (31,658) | (5,884) | (17,107) |
| Note: Variations in totals due to rounding to the pearest dollar | ding to the peare | | Northern Illinois includes both north | oth northern and | central Illinois | 77.7 | OC: | 2 |

Note: Variations in totals due to rounding to the nearest dollar. Northern Illinois includes both northern and central Illinois.
* Interest expense deducted from operator's share only. Shown in parentheses because it pertains to operator's net farm income only.

| Range in size (total acres) 180-339 340-799 Number of farms 13 40 Some costs and returns per tillable acre 37.68 34.10 Soil fertility 30.00 30.00 Pesticides 21.07 22.45 Seed and other crop 89.86 86.55 Crop total 8.07 8.65 Light vehicle and utilities 9.70 8.65 Machinery repairs, supplies 26.72 22.51 Machinery repairs 20.57 10.17 Fuel and oil 14.49 36.67 Machinery depreciation 34.49 90.69 Drying and storage 12.12 36.67 Building repair 14.44 13.30 Building total 8.04 14.98 Labor, unpaid 8.04 14.98 Labor total 8.04 14.98 Labor total 90.69 29.162 Capital purchases 29.162 265.37 Crop returns 36.73 350.54 Livestock return | 340-799 40 34.10 30.00 22.45 86.55 86.55 12.69 36.67 90.69 6.00 5.96 13.30 6.00 5.96 14.98 63.90 63.90 75.65 75.65 75.65 75.65 75.65 75.65 75.65 75.65 75.65 75.65 75.65 | 21 21 22 34.98 29.21 29.21 29.21 20.67 6.90 11.82 36.70 82.55 4.09 23.59 23.59 | All Farms 74 34.82 29.66 21.74 86.22 7.56 21.84 9.19 12.23 36.53 87.36 50.9 4.79 11.72 21.06 59.19 261.50 | Your Farm | 21-27 17 17 32.36 25.23 22.09 7.42 17.78 8.68 10.05 37.75 81.68 | 31-39 4 26.64 34.73 22.74 84.10 5.96 | 29.88 21.64 21.64 13.10 |
|--|---|--|---|-----------|--|---|----------------------------------|
| 37.68 31.10 89.86 9.70 26.72 20.57 12.72 34.49 9.740 12.12 14.44 33.97 84.71 84.71 84.71 85.52 261.62 291.62 24.81 429.88 532.26 47 (100.27) (9 | 34.10 30.00 222.45 86.55 8.655 22.51 12.69 90.69 6.00 5.96 13.30 14.98 63.90 63.90 52.65.37 43.10 52.65 | 34.98 29.21 21.28 85.47 6.90 11.82 36.70 82.55 4.09 2.89 10.15 17.14 | 34.82 29.66 21.74 86.22 7.56 21.84 9.19 12.23 36.53 36.53 36.13 21.06 59.19 21.06 59.19 | | 32.36 25.23 22.09 79.68 7.42 17.78 8.68 10.05 37.75 81.68 | 26.64 34.73 22.74 84.10 5.96 | 29.88 21.64 13.10 |
| 37.68 31.10 21.07 89.86 9.70 26.72 20.57 112.72 14.44 12.12 14.44 33.97 84.71 8.04 92.75 6291.62 291.62 291.62 291.62 291.62 291.62 291.62 291.62 291.62 291.62 291.62 291.63 33.97 42.63 33.97 42.63 365.73 355.73 355.73 37.90 47.11 303.21 47.10 61.303 | 34.10 30.00 86.55 86.55 8.65 8.65 10.17 10.17 10.17 6.00 6.00 6.00 6.00 6.39 63.90 63.90 63.90 52.65 72.65 18.02 | 34.98 29.21 21.28 85.47 6.45 6.90 11.82 36.70 82.55 4.09 2.89 10.15 | 34.82 29.66 21.74 86.22 7.56 21.84 9.19 12.23 36.53 36.53 36.53 4.79 11.72 21.06 59.19 21.06 59.19 | | 32.36 25.23 22.09 79.68 7.42 17.78 8.68 10.05 37.75 81.68 | 26.64 34.73 22.74 84.10 5.96 | 29.88 21.64 13.10 |
| crop 81.10 3 49.86 6 d utilities 9.70 irs, supplies 26.72 leciation 34.49 age 12.12 attion 33.97 es paid 33.97 at paid 42.62 above feed 292.75 above feed 42.62 above feed 58.52 roduction 429.88 ost (100.27) tory 111,303 | 30.00 86.55 8.65 8.65 222.51 10.17 12.69 90.69 6.00 6.00 5.96 6.39 6.39 6.39 6.39 6.39 6.30 | 29.21 21.28 85.47 6.45 6.90 11.82 36.70 82.55 4.09 2.89 10.15 17.14 | 29.66 21.74 86.22 7.56 21.84 9.19 12.23 36.53 36.53 36.53 4.79 11.72 21.06 59.19 21.06 59.19 | | 25.23 22.09 79.68 7.42 17.78 8.68 10.05 37.75 81.68 | 34.73 22.74 84.10 5.96 | 21.64 |
| crop 89.86 8 0.86 6 dutilities 9.70 12.72 12.72 12.72 14.44 14.44 14.44 14.44 14.44 15.12 18.04 19.75 10.75 10.75 11.1,303 21.75 | 86.55 8.65 8.65 8.65 22.51 10.17 12.69 6.00 6.00 6.39 63.30 63.30 63.30 63.30 63.30 63.30 63.30 63.30 63.30 63.30 63.30 63.30 63.65 63.30 63.65 63.65 63.65 63.65 63.65 63.65 63.65 63.65 63.65 | 21.28 85.47 6.45 20.67 6.90 11.82 36.70 82.55 4.09 2.89 10.15 17.14 | 21.74 86.22 7.56 21.84 9.19 12.23 36.53 36.53 87.36 5.09 4.79 11.72 21.06 59.19 | | 22.09 79.68 7.42 17.78 8.68 10.05 37.75 81.68 | 22.74 84.10 5.96 | 13.10 |
| description 89.86 dutilities 9.70 irs, supplies 26.72 20.57 1 12.72 1 luipment total 104.20 age 12.12 iation 33.97 age 12.12 iation 33.97 st paid 8.04 ast paid 42.62 st paid 42.62 st paid 365.73 ost 42.62 toduction 429.88 ost 470.027 tory 111,303 217 | 86.55 8.65 8.65 22.51 10.17 12.69 90.69 6.00 6.00 5.96 63.90 48.92 14.98 63.90 52.65 37 18.02 | 85.47 6.45 20.67 6.90 11.82 36.70 82.55 4.09 10.15 17.14 23.59 | 86.22 7.56 21.84 9.19 12.23 36.53 36.53 87.36 5.09 4.79 11.72 21.06 59.19 261.50 50.57 | | 79.68 7.42 17.78 8.68 10.05 37.75 81.68 | 84.10 5.96 | 00 80 |
| d utilities eciation luipment total | 8.65 22.51 10.17 12.69 90.69 6.00 5.96 5.96 63.90 265.37 43.10 52.65 18.02 | 6.45 20.67 6.90 11.82 36.70 82.55 4.09 10.15 17.14 23.59 | 7.56 21.84 9.19 12.23 36.53 36.53 87.36 5.09 4.79 11.72 21.06 59.19 261.50 | | 7.42 17.78 8.68 10.05 37.75 81.68 | 5.96 | 64.62 |
| irs, supplies 26.72 20.57 12.72 12.72 12.72 12.72 14.49 34.49 9 9 2.75 9 9 9 9 2.75 6 9 9 9 9 2.75 6 9 9 9 9 2.75 6 9 9 9 9 2.75 6 9 9 9 9 2.75 6 9 9 9 9 2.75 6 9 9 9 9 2.75 6 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 | 22.51 10.17 12.69 36.67 6.00 6.00 25.26 48.92 14.98 63.90 265.37 43.10 52.65 18.02 | 20.67 6.90 11.82 36.70 82.55 4.09 10.15 17.14 | 21.84 9.19 12.23 36.53 87.36 5.09 4.79 11.72 21.06 59.19 261.50 | | 17.78 8.68 10.05 37.75 81.68 5.17 | | 6.59 |
| 20.57 12.72 12.72 18.72 19.72 19.72 19.72 19.72 19.33 19.39 19.30 | 10.17 12.69 36.67 6.00 5.96 13.30 25.26 48.92 14.98 63.90 52.65 18.02 | 6.90 11.82 36.70 82.55 4.09 10.15 17.14 23.59 | 9.19 12.23 36.53 87.36 5.09 4.79 11.72 21.60 38.13 21.06 59.19 261.50 | | 8.68 10.05 37.75 81.68 5.17 | 27.75 | 21.54 |
| eciation 34.49 34.49 age 104.20 age 7.40 age 12.12 at 14.44 age 12.12 at 14.44 ago 14.44 ago 15.12 ago 15. | 12.69 36.67 90.69 6.00 6.00 13.30 48.92 14.98 63.90 265.37 43.10 52.65 18.02 | 11.82 36.70 82.55 4.09 2.89 10.15 17.14 23.59 | 12.23 36.53 87.36 5.09 4.79 11.72 21.06 59.19 261.50 | | 10.05 37.75 81.68 5.17 | 2.42 | 2.76 |
| 104.20 34.49 3 3 3 3 3 3 3 3 3 | 36.67 90.69 6.00 6.00 25.96 48.92 14.98 63.90 265.37 43.10 52.65 18.02 | 36.70 82.55 4.09 2.89 10.15 17.14 23.59 | 36.53 87.36 5.09 4.79 11.72 21.06 59.19 261.50 | | 37.75 81.68 5.17 | 14.11 | 10.74 |
| luipment total 104.20 9 age 7.40 9 7.40 12.12 1 iation 33.97 2 84.71 4 2 8.04 1 4 es 291.62 26 es 24.81 4 st paid 365.73 35 roduction 429.88 37 ost 532.26 47 eturns (100.27) (9 | 90.69 6.00 6.00 13.30 25.26 48.92 14.98 63.90 265.37 43.10 52.65 18.02 | 82.55 4.09 2.89 10.15 17.14 23.59 | 87.36 5.09 4.79 11.72 21.06 59.19 261.50 | | 81.68 5.17 | 42.23 | 29.86 |
| 7.40 12.12 14.44 1 | 6.00 5.96 13.30 25.26 48.92 14.98 63.90 265.37 43.10 52.65 18.02 | 4.09 2.89 10.15 17.14 23.59 | 5.09 4.79 11.72 21.60 38.13 21.06 59.19 261.50 | | 5.17 | 92.47 | 71.48 |
| 12.12 14.44 | 5.96 48.92 14.98 63.90 265.37 43.10 52.65 18.02 | 2.89 10.15 17.14 23.59 27.47 | 4.79 11.72 21.60 38.13 21.06 59.19 261.50 | 1 | | 4.44 | 1.43 |
| iation 14.44 33.97 84.71 84.71 8.04 92.75 6 92.75 6 92.75 6 92.75 6 92.75 6 92.75 6 92.75 6 92.75 6 92.75 6 92.75 7 92.75 92.75 93.73 93.73 93.73 94.73 95.73 96.73 96.73 96.73 96.73 97.73 98.73 98.73 99.73 99.73 99.73 90.74 90.74 90.77 90.77 90.77 | 13.30 48.92 14.98 63.90 265.37 43.10 52.65 350.54 | 10.15 17.14 23.59 27.47 | 21.60 38.13 21.06 59.19 261.50 | | 3.45 | 2.28 | 5.77 |
| 33.97 84.71 4 84.71 4 84.71 4 8.04 1 92.75 6 92.75 6 92.75 6 92.75 6 92.75 92.00 92. | 25.26 48.92 14.98 63.90 265.37 43.10 52.65 350.54 | 17.14 23.59 27.47 | 21.60 38.13 21.06 59.19 261.50 50.57 | | 14.93 | 12.66 | 3.11 |
| 84.71 8.04 92.75 92.75 92.75 92.75 92.75 93.62 93.52 93.26 93.26 93.26 93.26 93.26 93.26 93.26 93.26 93.27 94.27 94.27 95. | 48.92 14.98 63.90 265.37 43.10 52.65 350.54 18.02 | 23.59 | 38.13 21.06 59.19 261.50 50.57 | | 23.54 | 19.38 | 10.31 |
| 8.04 92.75 92.75 es 291.62 24.81 24.81 365.73 1 above feed 365.73 1 above feed 58.52 roduction 429.88 ost 532.26 eturns (100.27) | 14.98 63.90 265.37 43.10 52.65 350.54 18.02 | 27 47 | 21.06 59.19 261.50 50.57 | | 43.79 | 36.70 | 35.77 |
| 92.75 es 291.62 es 24.81 st paid 365.73 eabove feed 58.52 roduction 532.26 eturns tory 111,303 21,62 62,88 62,88 632.26 64 64 6100.27) | 63.90 63.90 265.37 52.65 350.54 18.02 | | 59.19 261.50 50.57 | | 18.45 | 17.63 | 11.29 |
| es 291.62 2 es 24.81 st paid 24.81 365.73 365.73 3 rabove feed 365.73 3 roduction 429.88 3 ost 429.88 3 ost (100.27) (| 265.37 43.10 52.65 350.54 18.02 | 51.06 | 261.50 | | 62.24 | 54,32 | 47.06 |
| es 24.81 es 24.81 es 24.81 es 365.73 es above feed 365.73 coduction 429.88 esturns (100.27) tory 111,303 | 43.10 52.65 350.54 18.02 | 25.4.47 | 50.57 | | 222 84 | 248 42 | 122.86 |
| st paid 24.62 st paid 365.73 st paid 365.73 st paid 365.73 st paid 426.88 st paid 429.88 st paid 429.88 st paid 420.27 st paid 420.27 | 52.65 52.65 350.54 18.02 | 50.75 | 0.00 | | 62.04 | 58.63 | 49.04 |
| 1 debove feed 365.73 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | 350.54 18.02 | 38.30 | CV VV | | 34.82 | 48.31 | 23.94 |
| subove feed 58.52 roduction 429.88 ost 532.26 eturns (100.27) | 18.02 | 20.33 | 24.44 | | 316.02 | 365.01 | 206.24 |
| above feed 20.32 and 429.88 and 4 | 20.0 | 333.67 | 004.43 | | 31 15 | 13.60 | 2007.7 |
| ost (100.27) tory (111,303 2 | 270 70 | 46.79 | 30.07 | | 01.40 05.40 | 43.03 40.00 | 220.74 |
| eturns (100.27) | 3/8./2 | 411.43 | 399.01 | | 333.42 | 466.20 | 303.74 |
| tory (111,303 | 4/0.03 | (27.70) | 403.01 | | 70.744 | (03 20) | (6/ 68) |
| tory 111,303 | (53.55) | (61.12) | (00.00) | | (90.32) | (53:53) | (04:00) |
| 200, | 17 704 | 510 211 | 287.617 | | 244 255 | 476 772 | 146 546 |
| | 101 631 | 246,893 | 135 580 | | 142,854 | 209,810 | 64.115 |
| ni J | | | | | | | |
| uto 22,843 | 41,361 | 126,334 | 62,222 | | 66,631 | 125,962 | 34,526 |
| 22,805 | 39,321 | 65,237 | 43,774 | | 53,595 | 124,679 | 9,118 |
| Soli Terrillity U 501 Terrillity Value of Israel (Surgeont) 544 E67 081 | | 0 460 013 | 1 324 664 | | 1 358 773 | 1 985 636 | 606 695 |
| 761 744 | | 3 418 686 | 1,850,892 | | 1.866.108 | 2.922,858 | 861,000 |
| 2 801 | | 2,030 | 2 632 | | 2 701 | 2,066 | 1.152 |
| 200,t2 | 91 | 111 | 101 | | 105 | 115 | 62 |
| | | | | | | | |
| | 72.2 | 68.3 | 70.1 | | 62.5 | 68.0 | 32.8 |
| Soybeans 17.9 | 13.4 | 21.4 | 17.9 | | 22.1 | 5.7. 5.5.0 | 7.8.7 |
| Wheat Other small grain | O. F. | - C + ₪ | - - | | 0 6 |) - | 0.0 |
| | 0.0 | 4:4 | 0.7 | | 0.7 | 5.7 | 0.4 |
| sture | 11.6 | 6.8 | 8.8 | | 11.3 | 7.2 | 34.2 |
| ields, bushels per acre | , (| Ç | 770 | | 170 | 164 | 110 |
| Sovheans 58 | 22.00 | 55 | 55 | | 56 | 54 | 40 |
| Wheat 63 72 71 | 63 | 72 | 71 | | 20 | 20 | 58 |

Table 27. 1994 Average Return, Costs, and Financial Summary by Size, Type, and Soil Rating for Part-Time Illinois Farms that Use Less

| than 10 Months of Labor | | 6 | | 6 | | (| L | : |
|---------------------------------------|------------------|------------|-------------------------|--------------|-----------|----------------|-----------|-----------|
| Area of state | Northern 56-85 | 1 56-85 | Northern 86-100 | | Livestock | Southern 36-85 | | 10 |
| Range in size (total acres) | Grain <260 | Grain >260 | Grain <260 | Grain >260 | All Farms | Grain<260 | Grain>260 | All Farms |
| Number of farms | 29 | 65 | 54 | 63 | 12 | 16 | 31 | 2 |
| Total acres in farm | 179 | 481 | 181 | 425 | 332 | 202 | 438 | 189 |
| Acres of tillable land | 155 | 444 | 173 | 401 | 296 | 157 | 365 | 127 |
| Soil rating on tillable land | 75 | 78 | 86 | 92 | 77 | 28 | 61 | 57 |
| Total months labor | 9.50 | | 5.2 | 6.9 | x 0 0 | 8.0 | 6.4 | 0.7 |
| Months of nired labor | L.O. | 0.0 | - · | C.O | Ø.C. | 0.5 | 0.0 | 0.0 |
| Beer produced, nundredweight | 3,0 | 1200 | 4 € | 0 ц | 2000 | 2 98 | 90 | 100 |
| Pork produced, numaredweight | ţ C | 9 | 2 < | 2 | | 90 | 2 - | 2 |
| Dollar returns per farm | 0 | 0 | | > | > | > | - | |
| Cron returns | 49 547 | 142 692 | 60 732 | 147 483 | 102 177 | 35 926 | 92,176 | 30.813 |
| Livestock returns above feed | 318 | 344 | (75) | (202) | 23,610 | 145 | 1,790 | 4,435 |
| Custom work | 365 | 1,131 | 333, | 1,310 | 929 | 196 | 592 | 0 |
| Other farm receipts | 794 | 1,034 | 1,246 | 1,334 | 992 | 206 | 1,557 | 170 |
| Value of farm production | 51,024 | 145,201 | 62,234 | 149,924 | 127,707 | 36,471 | 96,115 | 35,418 |
| Dollar costs per farm | | | | | | | | |
| Crop expenses | 13,631 | 34,957 | 14,165 | 34,163 | 26,889 | 11,278 | 28,090 | 7,441 |
| Power and equipment | 12,868 | 24,250 | 12,159 | 26,384 | 29,520 | 11,643 | 22,646 | 214,71 |
| Building and fence | 3,889 | 6,472 | 3,392 | 7,731 | 11,138 | 1,684 | 3,216 | 6,151 |
| Labor | 9,217 | 0,100 | 0,000 | 10,002 | 4,304 | 0,003 | 0,900 | 1,725 |
| Livestock services and supplies | 2000 | 104 7 | 702 | 0 0 0 | 5,033 | 1 500 | 2 661 | 1,220 |
| laxes Institance and miscellaneous | 0,000 0000 | 7,472 | 4,000 2,573 | 0,000 | 0,0,0 | 1,555 | 3,004 | 1,009 |
| Interest on nonland conital | 7,130 | 2,0,0 | 2,2,3 | 4,002 738 | 4 4 0,0 | 0.000 | 6,77 | 7 7 13 |
| interest on normalia capital | 15,168 | 41,435 | 19,552 | 0,730 | 27,434 | 11.092 | 26,869 | 10.610 |
| Total nonfood cost | 64 975 | 138 288 | GR 327 | 147 357 | 144 587 | 49.812 | 105 992 | 65 995 |
| Capital account adjustment | 123 | 630 | 1,119 | 1,212 | 216 | 635 | 418 | , |
| Management returns | (13.827) | 7.543 | (4.972) | 3.779 | (16.663) | (12.704) | (9.458) | (30.576) |
| Farm production per \$1.00 | (() | | (= :oh) | | (analan) | () . () | (2) | (() |
| of nonfeed costs | 0.79 | 1.05 | 0.91 | 1.02 | 0.88 | 0.73 | 0.91 | 0.54 |
| Farm production per man | 109,472 | 278,135 | 143,822 | 279,445 | 223,993 | 91,536 | 181,129 | 60,716 |
| Financial summary | | (| 1 | 6 | | j | | |
| Cash operating income | 54,109 | 126,365 | 59,659 | 138,641 | 193,617 | 37,424 | 962,001 | 50,145 |
| Accts receiveble (net change) | (4,440) | 8,030 | 0900 | 4,229 | 7,431) | (30) | (353) | 240,4 |
| Farm products used | 184 | 2000 | 2,300 | 205,7 | 170 | 111 | 549 | 681 |
| Less purchased feed | 1.531 | 1.301 | 250 | 654 | 41.688 | 1,335 | 1,166 | 069'9 |
| Less purchased livestock | 2,231 | 863 | 301 | 304 | 17,538 | 221 | 2,164 | 55 |
| Adjusted gross farm income | 51,024 | 145,110 | 62,234 | 149,924 | 127,707 | 36,471 | 96,405 | 35,418 |
| Cash operating expense | 29,589 | 67,277 | 32,616 | 72,922 | 81,355 | 23,348 | 53,800 | 7 |
| Prepaid expense (-if increased) | 256 | 638 638 | (820) | (2,822) | (3,016) | (358) | 181 | 00 |
| Accts. payable (+If Increased) | 359 | (23) | 9 9 | 2000 | 248 | 101 | 37.0 | 080 |
| raini-produced inputs | 0 00 | 730 | 04 | 503 | 71 01 | 4 6 | 270 | 607 |
| lotal operating expense | 30,221 20,803 | 76,080 | 31,828 | 70,358 | 78,298 | 13 300 | 04,203 | 13,412 |
| l ess depreciation | 6.317 | 11,211 | 4 950 | 12,507 | 13,305 | 4,783 | 8.598 | 13,942 |
| Capital account adjustment | 123 | 630 | 1,119 | 1,212 | 216 | 635 | 418 | 0 |
| Net farm income * | 14,609 | 66,408 | 26,575 | 68,277 | 36,020 | 9,162 | 33,963 | (528) |
| (operator's share) * | 354 | 24,708 | 11,107 | 24,613 | 1,332 | 2,897 | 6,041 | (10,477) |
| Labor & mgt. income per operator | (5,047) | 16,938 | 3,448 | 13,608 | (6,558) | (4,748) | 159 | (18,81) |
| Nate earned on investment, % | 1.39 | 5.51 | 4.00 Illinois sicoill a | 5.03 | 3. ly | -4: | 0.47 | 1,5.51 |

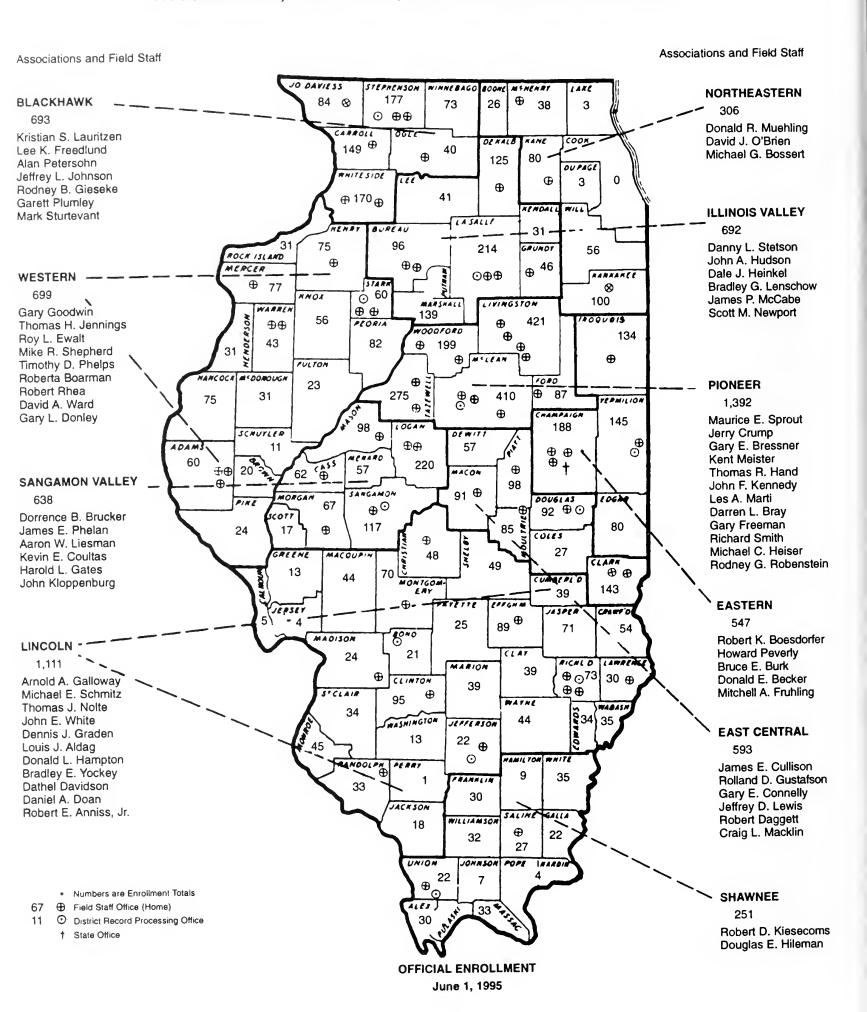
Note: Variations in totals due to rounding to the nearest dollar. Northern Illinois includes both northern and central Illinois.

* Interest expense deducted from operator's share only. Shown in parentheses because it pertains to operator's net farm income only.

Table 27a. 1994 Operating Costs, Investments, and Land Use by Size, Type, and Soil Rating for Part-Time Illinois Farms that Use Less

| The color Carin - 260 Ca | Crop | Area of state | | 76-85 | Northern 86-100 | 86-100 | livestock | Southern 36-85 | 36.85 | Livoetock |
|---|--|---|-------------|------------------|-----------------|-------------|-------------|----------------|--------------------|----------------|
| Compared by Comp | 25.5 33.3 36.05 32.10 29.71 31.59 25.5 33.3 36.05 32.10 29.71 31.59 27.10 28.69 29.19 36.43 10.16 18.17 77.10 28.69 29.19 36.43 11.36 12.28 7.11 22.10 19.90 22.53 16.46 18.17 7.21 14.81 13.14 19.43 11.36 12.28 7.12 14.81 13.14 19.43 11.36 18.17 7.13 16.27 85.74 90.33 74.10 82.05 7.14 28.87 26.08 15.45 6.77 7.38 7.14 28.87 26.08 15.25 29.16 18.17 1.13 2.0.3 2.0.3 2.0.3 2.0.3 2.0.3 2.13 4.6.3 1.0.72 2.9.3 2.0.3 2.0.3 2.13 4.2.5 2.4.32 2.0.3 2.0.3 2.0.3 | Alea Ul state | NOINIELL | 090 | NOITHEIL | 001-00 | All Torms | Southern Co. | 000 | LIVESTOCK |
| 3.4.65 22.53 36.05 32.10 2971 31.59 20.02 19.12 22.01 19.19 22.21 16.18 18.17 20.02 19.12 22.13 16.18 18.17 18.19 11.81 23.7 22.9 15.36 17.78 7.47 16.67 13.89 15.36 15.36 16.47 7.47 16.71 22.14 15.36 16.48 17.78 18.14 16.71 13.79 14.81 15.36 16.46 17.78 17.47 17.88 11.20 20.08 12.29 16.29 22.9 16.48 16.47 17.47 17.47 17.47 17.47 17.47 17.47 17.48 17.56 4.48 2.80 3.06 2.80 2.80 3.06 2.80 3.06 2.80 3.06 2.80 3.06 2.80 3.06 2.80 3.06 2.80 3.06 2.80 3.06 2.80 3.06 2.80 3.06 | 25.53 33.33 36.05 32.10 29.71 31.59 25.75 28.69 3.643 36.43 25.75 82.12 85.14 90.84 71.78 76.97 25.37 82.12 85.14 90.84 71.78 76.97 26.38 12.43 6.243 71.78 75.97 26.38 12.43 6.25.72 29.15 20.16.46 26.37 24.35 6.25.72 29.17 26.38 12.43 12.92 2.65.72 29.73 11.35 7.38 27.70 26.86 19.27 37.66 2.86 27.71 36 12.43 12.43 12.44 22.86 27.71 36 12.43 12.44 22.86 27.71 36 12.43 12.42 26.32 27.72 2.88 12.43 12.42 26.32 27.73 36.04 12.43 12.44 22.86 27.74 3.65 2.65 2.86 27.75 36.04 2.86 27.75 4.74 14.49 88.830 65.986 19.602 65.30 27.75 4.74 14.49 88.830 65.986 14.40 27.89 6.816 2.88 2.89 2.42 27.89 2.89 2.89 2.42 27.89 2.89 2.89 2.42 27.89 2.89 2.89 2.42 27.89 2.89 2.89 2.42 27.89 2.89 2.89 2.42 27.89 2.89 2.89 2.42 27.89 2.89 2.89 2.42 27.89 2.89 2.42 27.89 2.89 2.42 27.89 2.89 2.42 27.89 2.89 2.42 27.89 2.89 2.42 27.89 2.89 2.89 27.70 6.816 2.448 2.75 27.89 6.89 2.89 27.70 6.816 2.448 2.75 27.89 2.89 2.89 27.70 6.816 2.75 27.89 2.89 2.89 27.70 6.816 2.448 2.75 27.89 2.89 2.89 27.70 6.816 2.448 2.75 27.89 2.89 2.89 27.70 6.816 2.75 27.89 2.89 27.70 6.816 2.75 27.89 2.89 27.70 6.816 2.75 27.89 2.89 27.70 6.816 2.75 27.89 2.89 27.70 6.816 2.75 27.89 2.89 27.70 6.816 2.75 27.89 2.89 27.80 2.90 2 | hange III size (total acres) Number of farms | Grain <200 | Grain >200 65 | Grain <200 | GIAIII >200 | All raillis | Grain<200 | Grain>200 31 | All Farms 5 |
| 18.15 22.53 23.33 26.05 22.31 22.17 22.86 18.16 22.17 22.86 29.19 29.23 22.31 27.24 18.17 22.17 22.17 22.24 18.17 22.17 22.17 22.24 18.17 22.17 22.24 18.18 22.17 22.24 18.18 22.17 22.24 18.18 22.17 22.24 18.18 22.17 22.24 18.18 22.17 22.24 18.18 22.17 22.24 28.18 22.24 28.18 22.24 28.18 22.24 28.18 22.24 28.18 22.24 28.18 22.24 28.18 22.24 28.18 22.24 28.18 22.24 28.24 22.24 28.25 22.24 28.2 | 22.5.3 38.63 38.10 29.71 31.59 32.5.4 38.33 38.65 38.10 29.71 31.59 19.10 20.10 19.90 22.31 16.18 76.77 18.75 82.12 38.44 77.78 76.97 18.33 15.17 15.36 22.53 16.46 18.17 18.34 19.27 3.29.16 7.29 18.47 7.21 4.81 15.36 22.53 16.46 18.47 7.21 4.83 2.02 2.91 7.41 7.38 18.47 7.21 4.84 6.87.7 99.73 74.10 6.70 2.86 8.88 12.43 12.25 29.16 4.44 2.80 3.66 8.88 12.43 6.57.5 99.73 7.41 6.81 1.81 8.88 12.43 12.25 2.91 4.44 2.80 2.80 8.88 12.43 12.25 3.76 4.44 2 | Some costs and returns per tillable | acre | | | | | | | |
| 1830.2 27.10 286.9 28.14 38.44 16.18 18.17 18.14 18. | 77.10 28.69 29.19 36.43 25.89 27.21 76.75 92.10 28.14 90.84 71.76 76.97 76.75 92.16 95.46 13.16 16.18 18.17 7.21 6.87 6.81 16.45 16.46 18.17 7.19 6.87 6.96 15.45 2.06 17.40 76.97 7.19 6.87 29.73 11.35 8.14 18.40 7.10 6.87 29.16 26.30 20.66 20.67 20.66 3.79 4.35 5.09 24.36 20.30 20.86 20.66 | Soil fertility | 34.85 | 32.53 | 33.33 | 36.05 | 32.10 | 29.71 | 31.59 | 25.97 |
| 80.02 | 19.10 22.31 16.18 18.17 18.17 18.17 18.17 18.17 18.17 18.17 18.17 18.17 18.17 18.17 18.17 18.17 18.18 18.17 18.18 18.18 18.18 18.18 18.28 18.18 18.2 | Pesticides | 33.02 | 27.10 | 28.69 | 29.19 | 36.43 | 25.89 | 27.21 | 16.40 |
| 85.08 76.37 95.14 90.84 71.78 76.97 11.81 7.15 9.29 5.14 90.84 71.78 76.97 11.66 7.21 6.87 6.87 6.92 6.75 92.91 6.75 92.94 6.75 92.94 11.38 7.41 7.43 0.66.06 6.75 99.76 7.43 0.66.06 9.76 1.64 7.41 9.06 1.84 7.41 9.06 1.84 7.41 9.06 1.84 7.41 9.06 1.84 7.41 9.06 1.84 7.41 9.06 1.84 7.41 9.06 1.84 7.41 9.06 1.84 7.41 9.06 1.84 7.41 9.06 1.84 9.06 1.84 7.41 9.06 1.86 1.89< | 8.7.1 8.7.1 8.7.1 8.7.1 8.7.1 8.7.1 8.7.1 8.7.1 8.7.1 8.7.1 8.7.2 8.7.1 8.7.2 8.7.2 8.7.2 8.7.2 8.7.2 8.7.2 8.7.2 8.7.2 8.7.2 8.7.2 8.7.2 8.7.2 8.7.2 9.7.3 7.8.4 7.8.3 <th< td=""><td>Seed and other crop</td><td>20.20</td><td>19.12</td><td>20.10</td><td>19.90</td><td>22.31</td><td>16.18</td><td>18.17</td><td>16.32</td></th<> | Seed and other crop | 20.20 | 19.12 | 20.10 | 19.90 | 22.31 | 16.18 | 18.17 | 16.32 |
| 1181 15.07 15.37 15.46 13.16 13.29 7.47 15.10 7.21 14.81 13.44 13.44 13.49 17.45 15.10 7.22 14.81 13.14 13.44 13.49 17.45 15.10 7.12 14.81 13.14 13.44 13.45 17.45 15.10 7.13 16.82 25.72 29.16 20.06 15.10 7.14 24.35 25.72 29.16 20.06 15.10 7.18 19.82 12.83 12.83 28.64 15.10 22.91 22.91 20.03 24.48 28.81 15.10 22.91 20.03 24.42 20.06 15.10 22.91 20.03 24.42 20.03 15.10 20.03 26.03 24.42 20.03 15.10 20.03 26.03 26.03 29.87 15.10 20.03 20.03 20.03 29.87 15.10 20.03 20.03 20.03 20.03 20.03 20.03 20.03 20.03 20.03 20.03 20.03 20.03 20.03 20.03 20.03 20.03 20.03 20.03 20.03 20.03 20.03 20.03 20.03 20.03 20.03 20.04 20.03 20.03 20.05 20.03 20.05 20.03 20.03 20.05 | 5.37 9.29 5.46 13.16 13.29 7.47 7.19 6.87 6.08 15.45 6.71 7.38 7.19 6.87 6.08 15.45 6.71 7.38 7.19 6.87 25.72 29.16 26.30 20.66 3.463 70.48 65.75 29.73 7.410 62.05 4.65 7.048 65.75 29.76 20.66 20.60 8.88 12.43 12.92 2.88 2.60 2.60 2.60 3.79 4.35 6.57 39.76 4.48 2.88 2.88 3.79 4.36 19.27 37.63 10.72 8.81 10.46 2.88 1.88 2.88 1.88 2.88 1.88 2.88 1.88 2.88 1.88 2.88 1.88 2.88 1.88 2.88 1.88 2.88 1.88 2.88 1.88 2.88 2.88 1.88 2.88 2.88 2.88 2.88 < | Crop total | 88.08 | 78.75 | 82.12 | 85.14 | 90.84 | 71.78 | 76.97 | 58.69 |
| 1567 1567 1538 1546 1546 1546 1546 1547 1548 1547 1548 1547 1548 1547 1548 1547 1548 1548 1547 1548 | 13.38 15.17 15.36 22.53 16.46 18.40 7.19 | Light vehicle and utilities | 11.81 | 5.37 | 9.29 | 5.46 | 13.16 | 13.29 | 7.47 | 12.35 |
| 15.10 7.12 14.81 13.14 19.43 11.35 18.14 19.44 19.43 11.35 18.14 19.45 19.45 19.45 19.45 19.47 19.48 19.45 19.57 19.44 19.45 19.57 19.44 19.45 19.45 19.45 19.47 19.45 19.45 19.47 19.47 19.45 19.45 19.45 19.47 19.45 | 7.21 14.81 13.14 19.43 11.35 8.14 7.24 6.72 7.38 6.74 6.87 6.88 1.44 6.87 6.87 6.89 7.3 6.80 6.87 6.80 6.87 6.80 6.80 6.80 6.80 6.80 6.80 6.80 6.80 | Machinery repairs, supplies | 16.67 | 13.38 | 15.17 | 15.36 | 22.53 | 16.46 | 18.40 | 29.05 |
| 1,10 | 7.19 6.87 6.08 15.45 6.71 7.38 7.19 6.87 6.08 15.72 29.16 26.00 4.68 12.43 6.5.72 29.16 26.00 7.19 6.87 6.57 99.73 74.10 7.19 6.88 112.43 12.92 4.26 2.09 3.06 7.19 70.48 6.5.75 99.73 74.10 7.19 7.19 6.95 17.58 4.48 2.86 7.19 2.88 19.27 37.63 10.72 2.86 7.19 2.89 19.66 19.27 37.63 7.10 2.20 2.43 34.14 5.03 3.22 7.11 3.60 2.80 3.12 6 39.67 3.12 29.87 7.11 3.60 2.80 3.12 6 39.67 3.12 29.87 7.11 3.96 10 373.62 4.88 4.7 7.11 3.96 10 373.62 4.88 4.7 7.12 3.96 10 373.62 4.88 4.7 7.13 3.96 10 373.62 4.88 4.7 7.14 3.80 3.80 88.830 65.98 65.98 65.98 7.17 3 88.830 65.98 88.830 65.98 65.98 7.17 4.40 5.90 5.90 5.90 6.20 7.10 0.0 0.0 0.0 0.0 7.10 0.0 0.0 0.0 0.0 7.10 0.0 0.0 0.0 0.0 7.11 0.00 0.0 0.0 7.12 0.00 0.00 0.00 7.13 0.00 0.00 0.00 7.14 0.00 0.00 0.00 7.15 0.00 0.00 0.00 7.16 0.00 0.00 0.00 7.17 0.00 0.00 0.00 7.18 0.00 0.00 0.00 7.19 0.00 0.00 0.00 7.10 0.00 0.00 0.00 7.10 0.00 0.00 0.00 7.10 0.00 0.00 0.00 7.10 0.00 0.00 0.00 7.10 0.00 0.00 0.00 7.11 0.00 0.00 0.00 7.12 0.00 0.00 0.00 7.13 0.00 0.00 0.00 7.15 0.00 0.00 0.00 7.16 0.00 0.00 0.00 7.17 0.00 0.00 0.00 7.18 0.00 0.00 0.00 7.19 0.00 0.00 0.00 7.10 | Machinery hire | 15.10 | 7.21 | 14.81 | 13.14 | 19.43 | 11.35 | 8.14 | 15.02 |
| 11.6 21.47 24.35 25.72 29.16 26.50 20.66 17.78 | 4.65 25.72 29.16 26.30 20.66 5.463 70.48 65.75 99.73 74.10 62.05 5.463 12.48 12.24 12.79 4.14 2.86 3.75 4.35 5.24 15.79 4.14 2.86 3.75 4.35 5.63 2.88 10.72 8.81 4.58 19.66 19.27 37.63 4.14 2.86 2.51 4.35 5.63 2.88 4.88 3.06 2.88 2.51 50.32 26.92 58.46 50.93 22.86 5.88 4.14 2.88 3.14 2.88 3.22 | Fuel and oil | 8.41 | 7.19 | 6.87 | 80.9 | 15.45 | 6.71 | 7.38 | 7.74 |
| al 83.15 54.63 70.48 65.75 99.73 74.10 62.05 7.78 18.8 1.243 12.82 4.26 4.26 2.09 3.06 7.68 1.92 2.88 0.95 17.58 4.48 2.88 2.88 2.5.13 1.9.66 1.9.27 3.76 2.88 10.72 2.88 2.88 5.8.97 2.134 49.00 2.483 2.14 5.66 2.88 2.88 2.88 2.88 3.14 5.05 2.88 3.14 5.05 2.88 3.14 5.05 2.88 3.28 2.84 5.05 2.88 3.22 2.09 2.84 3.05 3.22 3.22 3.22 3.22 3.22 3.22 3.22 3.23 3.22 3.22 3.23 3.22 3.23 3.23 3.23 3.24 3.23 3.23 3.22 3.23 3.23 3.23 3.23 3.23 3.23 3.23 3.23 3.23 3.23 | 4.6.3 7.0.48 65.75 99.73 74.10 62.05 8.88 12.43 12.92 4.26 4.26 4.36 3.06 3.79 4.35 19.27 37.63 10.72 2.86 2.86 14.58 19.66 19.27 37.63 34.14 2.86 4.36 2.86 4.36 2.86 4.36 2.86 4.36 2.86 4.36 3.06 2.86 2.86 4.36 2.86 2.86 2.86 2.86 2.86 2.86 2.86 2.86 2.86 2.86 2.86 2.86 2.86 2.86 2.86 2.86 2.86 2.86 2.88 3.22 2.86 2.88 3.22 2.86 2.88 3.22 2.86 3.22 2.86 3.22 2.86 3.22 2.86 3.22 2.86 3.22 3.22 3.22 3.22 3.22 3.22 3.22 3.22 3.22 3.22 3.23 3.22 3.22 3.23 3.23 | Machinery depreciation | 31.16 | 21.47 | 24.35 | 25.72 | 29.16 | 26.30 | 20.66 | 73.95 |
| 7.78 8.88 12.94 12.95 17.95 2.09 3.06 2.09 3.06 3.79 4.36 3.99 3.06 3.79 4.36 3.99 17.59 4.36 3.99 3.69 3.69 3.69 3.79 4.36 3.79 4.36 3.99 3.60 4.14 2.89 3.69 3.70 3.70 3.70 3.70 3.86 3.70 3.86 3.70 3.86 3.70 3.86 3.70 3.86 3.70 3.86 3.70 3.86 3.70 3.86 3.70 3.86 3.70 3.86 3.70 3.86 3.70 3.86 3.70 3.86 3.80 3.70 3.80 3.80 3.80 3.80 3.80 3.80 3.80 3.8 | 8.88 12.43 12.92 4.26 2.09 3.06 1.92 4.38 12.88 12.89 4.48 2.86 3.06 1.92 4.35 5.09 17.58 4.48 2.86 3.06 1.32 2.09 24.83 34.14 50.64 2.86 2.86 2.31 50.32 22.69 24.32 60.93 29.87 29.87 2.31 50.32 26.92 24.32 60.93 29.87 29.87 2.21 50.32 26.92 24.32 60.93 29.82 29.86 29.88 3.77 3.66 2.72 280.74 37.26 29.87 17.86 29.87 1.46 3.50 36.74 37.56 43.44 2.88 29.86 | Power and equipment total | 83.15 | 54.63 | 70.48 | 65.75 | 99.73 | 74.10 | 62.05 | 138.10 |
| 768 1.92 2.88 0.95 17.58 4.48 2.86 25.13 1.456 1.92 2.83 17.59 4.44 2.89 25.13 1.456 19.06 19.27 37.63 10.72 8.91 58.97 1.53 1.53 1.53 2.60.32 2.69.2 2.44 5.03 3.22 59.56 2.2.91 50.32 2.69 2.44 50.30 3.22 59.56 2.2.97 3.77 2.69 2.44 50.30 3.22 28.03 3.1.63 3.56 2.72 2.80.74 8.31 10.46 3.22 28.03 3.1.63 3.2.6 2.72 2.80.74 3.2.7 2.81 4.42 4.44 2.88 4.44 2.88 4.44 2.88 4.44 4.44 2.88 4.44 4.44 2.88 4.44 4.44 2.88 4.44 4.44 2.88 4.44 4.72 3.42 4.72 4.74 4.74 4.7 | 1.92 2.88 0.95 17.58 4.48 2.86 4.45 4.35 6.09 17.59 4.48 2.89 2.34 4.35 19.66 19.27 37.63 10.72 8.81 2.134 19.66 19.27 37.63 3.4.4 5.08 2.89 2.134 49.00 24.83 34.14 50.64 26.65 2.89 2.157 50.32 26.20 58.46 50.30 29.87 29.87 3.77 3.62 2.80.74 36.73 32.71 29.86 3.77 3.60.78 36.75 36.75 36.75 36.75 36.75 3.1.46 35.76 36.75 36.75 36.75 36.75 37.70 4.31.44 228.14 2.86 3.75 36.04 36.72 36.36 4.34.44 2.28.64 26.36 26.36 4.1.5 36.07 37.52 488.47 37.70 48.83 36.23 37.70 36.36 3 | Drying and storage | 7.78 | 8.88 | 12.43 | 12.92 | 4.26 | 2.09 | 3.06 | 1.80 |
| 25.13 14,58 4,35 15,79 4,14 2,89 25.13 14,58 19,66 19,27 37,63 4,14 2,89 58,37 21,34 49,00 24,83 34,14 50,64 20,66 59,56 22,31 60,32 26,32 58,46 50,33 20,38 14,30 31,63 25,35 31,26 27,2 88,46 50,39 29,87 24,27 17,13 18,22 15,46 47,24 83,17 29,86 24,27 17,13 18,22 15,46 47,57 9,87 29,87 320,16 32,14 35,20 367,54 34,519 28,37 29,86 320,16 32,14 35,07 367,24 37,16 22,86 4,90 419,84 31,15 360,78 37,36 48,47 31,02 29,48 4224 32,39 689 1,980 70,13 1,704 8,89 43,47 4,47 4,4 | 3.7.9 4.35 5.40 15.79 4.14 2.89 44.58 19.66 19.27 37.63 10.72 8.81 1.34 49.00 24.82 37.63 50.32 28.87 2.5.31 1.32 2.09 24.32 50.33 29.87 3.77 3.66 2.72 280.74 8.31 10.46 3.77 3.65 2.72 280.74 8.31 10.46 3.77 3.65 2.72 280.74 8.31 10.46 3.77 3.65 3.72 28.07 23.17 29.86 2.1.46 36.75 34.72 34.73 228.66 28.33 2.7.73 3.60.78 360.79 37.36 431.44 222.12 28.66 2.7.11 3.60.78 3.73.62 431.44 232.12 25.36 2.7.73 3.60.78 3.73.62 431.44 222.12 25.36 2.7.73 4.74 1.48.60 27.93 4.72 < | Building repair | 7.68 | 1.92 | 2.88 | 0.95 | 17.58 | 4.48 | 2.86 | 10.71 |
| 25.13 14.58 19.66 19.27 37.63 10.72 8.81 6.597 21.34 49.00 24.83 34.14 50.64 26.65 6.59 1.57 1.32 2.09 24.32 0.30 3.22 14.30 3.77 3.66 2.72 280.74 8.31 10.46 28.03 31.63 25.35 31.26 39.67 23.71 29.86 2.05 0.78 36.72 36.72 39.67 23.71 29.86 2.05 0.78 36.74 36.75 345.19 26.82 4.98 2.05 0.78 36.74 37.62 39.67 23.71 29.86 3.200 0.78 36.72 345.19 22.86 4.90 4.90 3.200 0.78 36.72 36.37 4.90 4.90 4.90 4.90 4.90 4.90 4.90 4.90 4.90 4.90 4.90 4.90 4.90 4.90 4.90 | 14.58 19.66 19.27 37.63 10.72 8.81 21.34 49.00 24.83 34.14 50.64 26.65 22.37 26.92 28.46 50.64 26.65 22.37 36.6 27.2 280.74 8.31 10.46 31.63 25.35 31.26 39.67 29.67 29.87 21.46 35.07 367.54 345.19 228.64 252.86 21.46 352.07 367.54 345.19 228.64 252.86 21.46 352.07 367.23 38.22 35.78 36.96 21.46 365.04 36.23 228.64 36.29 36.28 21.46 365.04 36.23 36.04 36.28 36.06 21.46 36.23 345.19 228.64 25.28 4.30 21.50 36.23 345.19 228.64 25.96 4.30 21.50 36.23 42.24 36.30 36.34 36.34 | Building depreciation | 99.6 | 3.79 | 4.35 | 5.40 | 15.79 | 4.14 | 2.89 | 36.00 |
| 58 97 2134 49 00 2483 3414 5064 26 65 59.56 22.91 1.32 2.69 24.32 60.30 32.2 59.56 22.91 60.32 26.92 24.32 60.30 29.87 14.30 22.91 60.32 22.91 60.30 22.93 60.30 29.87 28.03 31.63 26.92 37.76 36.77 36.77 36.98 29.87 20.5 0.78 31.63 32.07 36.75 36.71 28.86 29.86 10.46 29.82 10.46 20.25 20.5 0.78 31.63 36.72 36.72 36.72 36.72 36.72 36.72 36.72 36.72 36.72 36.70 36.72 36.72 36.72 36.72 36.72 36.72 36.72 36.72 36.72 36.72 36.72 36.72 36.72 36.83 36.72 36.83 36.72 36.83 36.72 36.72 36.72 36.72 | 21.34 | Building total | 25.13 | 14.58 | 19.66 | 19.27 | 37.63 | 10.72 | 8.81 | 48.51 |
| 9.59 1.57 1.32 2.09 24.32 0.33 29.87 14.30 3.74 36.32 26.35 2.72 26.46 50.33 29.87 14.30 3.74 36.62 2.72 280.74 8.31 10.46 28.03 17.13 18.22 15.46 47.23 9.82 17.86 2.05 32.14 382.07 367.54 345.19 228.64 282.56 2.05 32.14 382.07 367.54 345.19 228.64 282.56 3.20.70 3.20.71 360.78 367.54 345.19 228.64 282.56 4.19.84 311.53 396.07 367.23 488.47 377.02 269.31 4.224 3.239 689 1,990 70,137 1,704 8.697 1,704 4.224 3.239 681 1,980 70,137 1,704 8.697 1,704 4.224 3.239 488.30 6.5,986 1,017.08 60.307 | 1.57 1.32 2.09 24.32 0.30 3.22 3.22 3.22 3.22 3.22 3.22 3 | Labor, unpaid | 58.97 | 21.34 | 49.00 | 24.83 | 34.14 | 50.64 | 26.65 | 92.47 |
| 59.56 22.91 50.32 26.92 58.46 50.33 29.87 28.0 3.77 3.66 2.72 280.74 8.31 10.46 28.0 3.77 2.56 31.26 28.72 28.87 29.86 28.0 3.77 2.5.56 31.26 36.74 47.23 22.86 22.86 29.0 3.74 382.07 36.74 36.74 47.23 228.64 228.56 20.0 0.78 (0.44) (0.51) 79.76 0.92 4.96 41.84 31.53 386.78 431.44 228.12 228.35 41.84 31.53 386.78 431.44 232.12 228.35 41.0 38.70 36.30 36.30 36.30 36.30 41.0 38.70 38.30 65.98 1,704 48.89 4.24 3.28 4.74 14.805 29.32 59.36 4.24 4.24 6.816 21.418 27.98 9.8 | 22.91 50.32 26.92 58.46 50.93 29.87 3.77 3.66 2.72 280.74 8.31 10.46 31.71 3.66 2.72 280.74 2.371 29.86 21.46 3.62 367.54 345.19 228.64 252.56 21.46 367.54 345.19 228.64 252.56 27.71 360.78 367.54 345.19 228.64 252.56 27.11 360.78 367.24 431.44 232.12 263.35 27.11 360.78 37.26 431.44 232.12 263.35 27.11 360.78 37.26 431.44 232.12 263.35 27.11 360.78 37.26 481.47 1,017.78 65.86 5.96 1,049 38.20 1,280 70,137 1,060 26.30 1,046 1,578 1,049 1,049 1,049 1,049 1,049 1,049 1,049 1,049 1,049 1,049 1,049 | Labor, hired | 0.59 | 1.57 | 1.32 | 2.09 | 24.32 | 0.30 | 3.22 | 0.00 |
| 14.30 3.77 3.66 2.72 280.74 8.31 10.46 24.27 17.13 18.22 15.46 47.23 9.67 22.47 17.13 18.22 15.46 47.23 9.67 22.05 0.78 (0.44) (0.51) 79.76 29.86 22.05 0.78 (0.44) (0.51) 79.76 29.86 22.05 0.78 (0.44) (0.51) 79.76 29.86 22.05 0.78 (0.44) (0.51) 79.76 29.21 22.05 0.78 (0.44) (0.51) 79.76 29.21 22.05 0.78 (0.44) (0.51) 79.76 29.21 22.05 0.00 0.00 0.00 22.21 2.05 0.00 0.00 22.21 2.05 0.00 0.00 22.21 2.05 0.00 0.00 22.21 2.05 0.00 0.00 22.21 2.05 0.00 22.21 2.05 0.00 22.21 2.05 0.00 22.21 2.05 0.00 22.21 2.05 0.00 22.21 2.00 | 3.77 3.66 2.72 280.74 8.31 10.46 11.63 25.35 31.26 39.67 23.71 29.86 17.13 18.22 15.46 4.75 39.67 23.71 29.86 17.146 352.07 367.54 345.19 228.64 252.56 27.11 360.78 373.62 431.44 232.12 263.35 11.53 360.78 1.980 70.51 79.76 (6.81) 9.42 (56.30) (80.86) (25.92) (25.92) (6.89) 1.980 70.137 1.704 8.697 11.20 8.630 65.986 11.80 70.137 1.704 8.697 11.20 434.476 11.017.786 609.647 283.632 690.200 25.93 2.44 1.406 1.578 2.693 2.44 1.406 1.578 2.693 2.693 2.44 1.406 1.578 2.693 2.693 2.44 1.406 1.578 2.693 2.693 2.44 1.406 1.578 2.693 2.693 2.44 1.406 1.578 2.693 2.693 2.44 1.406 1.578 2.693 2.693 2.44 1.406 1.578 2.693 2.44 1.406 1.578 2.693 2.44 1.406 1.578 2.693 2.44 1.406 1.578 2.693 2.44 1.406 1.578 2.693 2.44 1.406 1.578 2.693 2.44 1.406 1.578 2.693 2.44 1.406 1.578 2.693 2.44 1.406 1.578 2.693 2.44 1.406 1.578 2.693 2.44 1.406 1.578 2.693 2.44 1.406 1.578 2.693 2.44 1.406 1.578 2.693 2.44 1.406 1.578 2.693 2.44 1.406 1.578 2.693 2.44 1.406 1.578 2.593 2.44 1.406 1.578 2.593 2.44 1.406 1.578 2.593 2.44 1.406 1.578 2.593 2.44 1.406 1.578 2.593 2.44 1.406 1.578 2.593 2.44 1.406 1.578 2.593 2.44 1.406 1.578 2.593 2.44 1.406 1.578 2.593 2.693 2.44 1.406 1.578 2.593 2.44 1.406 1.578 2 | Labor total | 59.56 | 22.91 | 50.32 | 26.92 | 58.46 | 50.93 | 29.87 | 92.47 |
| 28.03 31.63 25.35 31.26 39.67 23.71 29.86 24.27 17.13 18.22 15.46 47.23 28.67 23.71 29.86 20.07 | 31.63 25.35 31.26 39.67 23.71 29.86 21.78 21.46 31.26 39.67 23.71 29.86 21.46 31.26 | Value of feed fed | 14.30 | 3.77 | 3.66 | 2.72 | 280.74 | 8.31 | 10.46 | 156.35 |
| 24.27 17.13 18.22 15.46 47.23 28.64 25.56 2.56 2.56 320.16 321.46 35.07 367.54 345.19 228.64 252.56 320.16 320.76 367.54 345.19 228.64 252.56 320.76 320.78 36.78 373.62 431.44 232.12 268.35 36.78 36.78 373.62 431.44 232.12 268.35 36.78 36.7 | 17.13 18.22 15.46 47.23 9.82 17.86 17.46 352.07 387.54 345.19 0.78 (0.44) (0.51) 79.76 0.78 (0.44) (0.51) 79.76 0.78 (0.44) (0.51) 79.76 0.78 (0.44) (0.51) 79.76 17.02 (28.83) 9.42 (56.30) 17.02 (28.83) 9.42 (56.30) 17.03 (6.816 21,418 27,993 5,936 (5.296 59,149 62,773 4,477 14,908 803,707 246,496 597,096 1,406 1,406 1,578 4,320 448,879 1,144,908 803,707 283,632 690,200 1,578 4,232 4,611 6,017,786 609,647 246,496 597,096 1,406 1,578 6,200 6,100 0.2 2,000 0.3 0.0 0.0 0.1 0.1 | Capital purchases | 28.03 | 31.63 | 25.35 | 31.26 | 39.67 | 23.71 | 29.86 | 46.76 |
| 220.16 321.46 352.07 367.54 345.19 228.64 252.56 2.05 0.78 (0.44) (0.51) 79.76 0.92 4.90 2.90 2.05 0.78 (0.44) 232.12 223.12 223.13 220.14 222.2 411.44 211.42 22.2 411.44 211.53 296.10 367.23 488.47 217.02 290.41 217.3 4.447 14.805 25.987 25.98 21.49 21.10.25 20.790 6.816 21.418 27.993 9.894 18.924 2.218 2.0770 920,770 434.47 14.805 29.927 2.218 2.152 2.698 2.693 2.424 2.598 2.09.64 2.50 2.09 2.09 2.09 2.09 2.09 2.09 2.09 2.0 | 21.46 352.07 367.54 345.19 228.64 252.56 (0.74) (0.51) 79.76 (0.92 4.90 4.90 2.711 360.78 373.62 4.88.47 317.02 290.41 (0.51) 367.23 488.47 317.02 290.41 (25.92) (28.83) 9.42 (56.30) (80.86) (25.92) (28.83) 9.42 (56.30) (80.86) (25.92) (28.83) 9.42 (56.30) (80.86) (25.92) (28.83) 9.42 (56.30) (80.86) (25.92) (28.83) 9.42 (56.30) (80.86) (25.92) (29.84) (29.86) (29.84) (29.86) (29.84) (29.86) (29.87) (29.87) (29.87) (29.88) (29.87) (29.88) (29.87) (29.88) (29 | Operator interest paid | 24.27 | 17.13 | 18.22 | 15.46 | 47.23 | 9.82 | 17.86 | 45.59 |
| 2.05 | 0.78 (0.44) (0.51) 79.76 0.92 4.90 77.11 360.78 373.62 431.44 232.12 263.35 11.53 396.10 367.23 488.47 317.02 290.41 16.99 (28.83) 9.42 (56.30) (80.86) (25.92) 32.239 689 1,980 70,137 1,704 8,697 3,239 689 1,980 70,137 1,704 8,697 3,239 689 1,980 70,137 1,704 8,697 3,150 38,040 88,830 65,986 5,936 6,230 5,150 4,747 14,805 29,927 5,936 6,230 5,770 4,747 14,805 29,927 5,936 6,230 5,98 1,12 2,937 2,644.96 597,096 5,936 5,770 44,879 1,144,908 803,707 246,496 597,096 5,15 2,686 2,693 2,424 1,406 | Crop returns | 320.16 | 321.46 | 352.07 | 367.54 | 345.19 | 228.64 | 252.56 | 243.00 |
| 329.70 327.11 360.78 373.62 431.44 232.12 263.35 419.84 311.53 396.10 367.23 488.47 317.02 290.41 4,224 3,239 (689 1,980 70,137 1,704 8,697 33,740 76,150 38,040 88,830 65,986 1,704 8,697 11,025 20,790 6,816 21,418 27,993 9,894 18,924 9,86 12,773 4,747 14,805 29,927 5,936 6,230 9,986 12,773 4,747 14,805 29,927 5,936 6,230 9,986 12,773 4,747 14,805 29,927 5,936 6,230 9,986 1,034,320 484,879 1,144,908 803,707 246,496 597,096 396,048 1,034,320 484,879 1,144,908 803,707 283,652 690,200 2,18 2,18 2,28 50.3 2,22 46.0 47.0 < | 27.11 360.78 373.62 431.44 232.12 263.35 11.53 396.10 367.23 488.47 317.02 290.41 16.99 (28.83) 9.42 (56.30) (80.86) (25.92) 32.39 (88) 1,980 70,137 1,704 8,697 3,239 6,816 21,418 27,993 9,894 18,924 5,730 6,816 21,418 27,993 9,894 18,924 5,770 43,47 1,017,786 609,647 246,496 597,096 5,770 43,476 1,017,786 609,647 246,496 597,096 5,770 44,879 1,144,908 803,707 286,496 597,096 5,152 2,693 2,424 1,406 1,578 47 40 53 36.8 42.4 4,51 52.8 59.9 36.8 42.4 4,51 52.8 50.0 0.0 0.0 0.2 0.0 | Livestock return above feed | 2.05 | 0.78 | (0.44) | (0.51) | 79.76 | 0.92 | 4.90 | 34.97 |
| 419.84 311.53 396.10 367.23 488.47 317.02 290.41 49.35 16.99 (28.83) 9.42 (56.30) (80.86) (25.92) 4,224 3,239 689 1,980 70,137 1,704 8,697 33,740 76,150 38,040 88,830 65,986 19,602 59,149 11,025 20,790 6,816 21,418 27,993 9,894 18,924 11,025 20,790 6,816 21,418 27,993 9,894 18,924 11,025 20,790 6,816 21,418 27,993 9,894 18,924 11,025 20,790 4,747 14,490 803,707 246,496 6,230 96,048 1,034,320 484,879 1,144,908 803,707 246,496 597,096 2,152 2,686 2,686 2,693 2,424 1,406 1,578 60.7 47. 47 46.1 45.1 25.8 36.8 42.4 | 11.53 396.10 367.23 488.47 317.02 290.41 16.99 (28.83) 9.42 (56.30) (80.86) (25.92) 3,239 689 1,980 70,137 1,704 8,697 3,150 38,040 88,830 65,986 1,902 59,149 3,773 4,747 14,805 27,993 9,894 18,924 5,773 4,747 14,805 27,993 9,894 18,924 5,773 4,747 14,805 29,927 5,936 6,230 5,773 4,747 14,805 29,927 5,936 6,230 5,773 4,747 14,805 29,927 5,936 6,230 5,773 4,747 14,805 29,927 5,936 6,230 5,773 48,879 1,144,908 803,707 246,496 597,096 4,75 4,06 2,693 2,424 1,406 1,578 4,15 4,0 2,693 2,424 1,406 | Value of farm production | 329.70 | 327.11 | 360.78 | 373.62 | 431.44 | 232.12 | 263.35 | 279.32 |
| (89.35) 16.99 (28.83) 9.42 (56.30) (80.86) (25.92) 4,224 3,239 689 1,980 70,137 1,704 8,697 33,740 76,150 38,040 88,830 65,986 19,602 59,149 11,025 20,790 6,816 21,418 27,993 9,894 18,924 9,986 12,773 4,747 14,805 29,927 5,936 6230 9,986 12,773 4,747 14,805 29,937 5,936 6230 9,086 112 89 17 0 104 104 9,086 1,017,786 609,647 246,496 597,096 597,096 2,000 396,048 1,034,320 484,879 1,144,908 803,707 226,4496 597,096 2,000 2,218 2,152 2,686 2,686 2,693 2,424 1,406 1,578 60.7 4.5 40 53,68 2,68 2,68 2,28 <td>(6.99) (28.83) 9.42 (56.30) (80.86) (25.92) 3,239 689 1,980 70,137 1,704 8,697 3,150 38,040 88,830 65,986 19,602 59,149 5,773 4,747 14,805 29,927 5,936 6,230 5,773 4,747 14,805 29,927 5,936 6,230 5,773 4,747 14,4908 803,707 246,496 597,096 5,770 484,879 1,144,908 803,707 283,632 690,200 4,320 2,686 2,693 2,424 1,406 1,578 4,75 4,0 53 2,424 1,406 1,578 4,75 4,0 53 2,693 2,424 1,406 1,578 4,7 4,0 53 2,693 2,424 1,406 1,578 4,2 4,0 0,0 0,0 0,0 0,0 0,0 0,2 0,1 0,0 0,0<</td> <td>Total nonfeed cost</td> <td>419.84</td> <td>311.53</td> <td>396.10</td> <td>367.23</td> <td>488.47</td> <td>317.02</td> <td>290.41</td> <td>520.47</td> | (6.99) (28.83) 9.42 (56.30) (80.86) (25.92) 3,239 689 1,980 70,137 1,704 8,697 3,150 38,040 88,830 65,986 19,602 59,149 5,773 4,747 14,805 29,927 5,936 6,230 5,773 4,747 14,805 29,927 5,936 6,230 5,773 4,747 14,4908 803,707 246,496 597,096 5,770 484,879 1,144,908 803,707 283,632 690,200 4,320 2,686 2,693 2,424 1,406 1,578 4,75 4,0 53 2,424 1,406 1,578 4,75 4,0 53 2,693 2,424 1,406 1,578 4,7 4,0 53 2,693 2,424 1,406 1,578 4,2 4,0 0,0 0,0 0,0 0,0 0,0 0,2 0,1 0,0 0,0< | Total nonfeed cost | 419.84 | 311.53 | 396.10 | 367.23 | 488.47 | 317.02 | 290.41 | 520.47 |
| 4,224 3,239 689 1,980 70,137 1,704 8,697 33,740 76,150 38,040 88,830 65,986 19,602 59,149 6,988 11,025 20,790 6,816 21,418 27,993 9,894 18,924 6,230 0 104 0 104 0 107,730 0,200 1 1,406 1,034,320 494,879 1,144,908 803,707 246,496 590,200 396,048 1,034,320 494,879 1,144,908 803,707 283,632 690,200 2,228 50.8 | 3,239 38,040 88,830 65,986 65,986 1,980 65,986 65,986 65,986 6,916 21,418 27,993 5,927 4,747 14,805 59,927 89,927 89,927 89,924 16,044,908 803,707 246,496 597,096 2,173 44,476 1,017,786 609,647 246,496 597,096 2,152 2,686 2,693 2,424 1,406 1,578 42.5 42.5 2,686 2,693 2,424 1,406 1,578 42.5 42.5 32.6 0.0 0.0 0.1 0.1 130 159 178 180 161 170 180 161 180 161 180 161 180 161 180 161 180 161 180 161 180 161 180 180 180 180 180 180 180 180 180 18 | Management returns | (89.35) | 16.99 | (28.83) | 9.42 | (56.30) | (80.86) | (25.92) | (241.14) |
| 33,740 76,150 38,040 88,830 65,986 19,602 59,149 11,025 20,773 4,747 14,805 29,927 5,936 6,230 0 598 112 4,005 6,816 21,418 27,993 9,894 18,924 6,230 0 598 41,773 4,747 14,805 29,927 5,936 6,230 104 337,073 920,770 434,476 1,017,786 609,647 246,496 597,096 396,048 1,034,320 484,879 1,144,908 803,707 283,632 690,200 396,048 1,034,320 484,879 1,144,908 803,707 283,632 690,200 30,200 1,578 63 63 63 63 63 63 63 63 63 63 63 63 63 | 5,753 38,040 88,830 65,986 19,704 59,149 5,150 38,040 88,830 65,986 19,602 59,149 5,773 4,747 14,805 29,927 5,936 6,230 5,98 434,476 1,017,786 609,647 246,496 597,096 5,152 484,879 1,144,908 803,707 283,632 690,200 5,152 2,686 2,693 2,424 1,406 1,578 47 40 52.8 59.9 36.8 42.4 47 46.1 62.8 59.9 36.8 42.4 42.5 46.1 63.6 0.0 0.0 0.0 0.2 0.0 0.0 0.0 0.0 0.2 0.0 0.0 0.0 0.0 0.2 0.0 0.0 0.0 0.0 0.2 0.0 0.0 0.0 0.0 0.2 0.0 0.0 0.0 0.0 0.2 0.0 0.0 0.0 0.0 0.2 0.0 0.0 0.0 0.0 0.2 0.0 0.0 0.0 0.0 0.2 0.0 0.0 0.0 0.0 0.0 0.2 0.0 0.0 0.0 0.0 0.0 0.2 0.0 0.0 0.0 0.0 0.0 0.2 0.0 0.0 0.0 0.0 0.0 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | Farm investment | | 000 | . 009 | 000 | 70 107 | 707 | 0 607 | 979 06 |
| 11,025 20,730 6,816 21,418 27,993 9,894 18,924 6,230 6,986 12,773 4,747 14,805 29,927 5,936 6,230 104 337,073 920,770 434,476 1,017,786 609,647 246,496 597,096 2,030 2,218 2,152 2,686 2,693 2,424 1,406 1,578 2,218 2,152 2,686 2,693 2,424 1,406 1,578 2,218 2,152 2,686 2,693 2,424 1,406 1,578 60.7 52.8 50.7 52.8 59.9 36.8 42.4 60.7 52.8 50.9 6,3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0. | 5,790 6,816 21,418 27,993 9,894 18,924 2,773 4,747 14,805 29,927 5,936 6,230 2,773 4,747 14,805 29,927 5,936 6,230 1,12 89 1,017,786 609,647 246,496 597,096 2,770 484,879 1,144,908 803,707 283,632 690,200 2,152 2,686 2,693 2,424 1,406 1,578 47 40 53 95 63 42.4 47 45.1 32.6 46.0 1,578 42.5 46.1 45.1 32.6 46.0 1,78 6.2 0.0 0.0 0.0 0.0 0.0 0.2 0.0 0.0 0.0 0.0 0.0 0.5 0.0 0.0 0.0 0.0 0.0 1.4 0.6 0.9 4.7 3.6 4.3 4.9 5.2 5.4 4.3 5.4 5.0 5.4 5.4 5.4 6.1 0.0 0.0 0.0 0.0 6.2 5.3 5.4 5.4 4.3 7.8 5.2 5.4 </td <td>Grain inventory</td> <td>33,740</td> <td>76,150</td> <td>38,040</td> <td>88,830</td> <td>65,986</td> <td>19,602</td> <td>59,149</td> <td>21,312</td> | Grain inventory | 33,740 | 76,150 | 38,040 | 88,830 | 65,986 | 19,602 | 59,149 | 21,312 |
| 11,025 20,790 6,816 21,418 27,933 9,894 18,924 18,924 6,230 6,230 17,773 4,747 14,805 29,927 5,936 6,230 6,230 17 0 0 0,22,218 2,152 2,686 2,693 2,424 1,406 1,034,320 484,879 1,144,908 803,707 283,632 690,200 3 0,22,218 2,152 2,686 2,693 2,424 1,406 1,578 690,200 3 0,3 0,2 0,1 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0,0 | 5,770 6,816 21,418 27,993 9,894 18,924 18,924 5,936 6,230 6,340 112 89 17 0 104 112 112 113 113 114,805 29,927 5,936 6,230 104 112 1130 1130 1130 1130 1130 1130 1130 | Remaining cost in | | | | | | | | 1 |
| 9,986 12,773 4,747 14,805 29,927 5,936 0,230 0,230 0,230 0,230 0,230 0,230 0,230 0,230 0,230 0,230 0,2476 1,017,786 609,647 246,496 597,096 396,048 1,034,320 484,879 1,144,908 803,707 283,632 690,200 3 2,218 2,152 2,686 2,693 2,424 1,406 1,578 52 60.7 52.8 59.9 36.8 42.4 42.5 46.1 45.1 32.6 46.0 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0 | 598 | machinery and auto | 11,025 | 20,790 | 6,816 | 21,418 | 27,993 | 9,894 | 18,924 | 21,756 |
| 337,073 920,770 434,476 1,017,786 609,647 246,496 597,096 23 396,048 1,034,320 484,879 1,144,908 803,707 283,632 690,200 34 2,218 2,152 2,686 2,693 2,424 1,406 1,578 60.7 52.8 50.7 52.8 59.9 46.0 42.9 60.7 52.8 46.1 45.1 32.6 46.0 60.3 0.2 0.1 0.0 0.7 60.3 0.2 0.1 0.0 0.0 60.3 0.2 0.1 0.0 0.0 60.3 0.2 0.1 0.0 0.0 60.3 0.2 0.1 0.0 0.0 60.3 0.2 0.1 0.0 0.1 0.0 60.4 3.6 5.6 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8 | 2,770 434,476 1,017,786 609,647 246,496 597,096 23 4,320 484,879 1,144,908 803,707 283,632 690,200 34 2,152 2,686 2,693 2,424 1,406 1,578 52 40 53 63 63 63 690,200 34 40 53 63 63 690,200 34 42.5 46.4 63 63 62 42.5 46.1 45.1 32.6 46.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 | buildings and tence | 9,986 | 12,7/3 | 4,747 | 14,805 | 728,827 | 5,936 0 | 0,230 | 24,543 |
| 396,048 1,034,320 484,879 1,144,908 803,707 283,632 690,200 349 71 47 2686 2,693 2,424 1,406 1,578 60.7 52.8 50.7 52.8 59.9 36.8 42.4 35.6 42.5 46.1 45.1 32.6 46.0 42.9 0.3 0.2 0.1 0.0 0.7 0.0 0.0 0.3 0.3 0.5 0.0 0.1 0.0 0.0 0.0 0.3 157 159 178 180 161 120 130 157 55 55 55 55 55 55 55 55 55 55 55 55 5 | 1,320 484,879 1,144,908 803,707 283,632 690,200 34 47 40 53 2,424 1,406 1,578 47 40 53 2,424 1,406 1,578 52.8 50.7 52.8 59.9 36.8 42.4 42.5 46.1 45.1 32.6 46.0 0.0 0.2 0.1 0.0 0.7 0.0 0.5 0.0 0.1 0.0 0.0 0.5 0.0 0.1 0.0 0.0 0.5 0.0 0.1 4.7 3.6 2.2 159 178 180 161 120 130 49 52 53 53 50 Northern Illinois includes both northern and central Illinois. | Value of land (current) | 337 073 | 950 | 71 7 7 7 7 8 | 1 017 786 | 609 647 | 246 496 | 597 096 | 235 774 |
| Fe 2,218 2,152 2,686 2,693 2,424 1,406 1,578 71 47 40 53 53 95 63 52 86.7 52.8 50.7 52.8 59.9 36.8 42.4 42.9 85.6 42.5 46.1 45.1 32.6 46.0 0.2 0.3 0.2 0.1 0.0 0.7 0.0 0.0 0.3 0.3 0.5 0.0 0.1 0.0 0.0 0.0 0.3 2.3 1,4 0.6 0.9 4.7 3.6 40 43 51 49 52 53 56 61 50 71 59 71 59 71 | 2,152 2,686 2,693 2,424 1,406 1,578 52.8 53.8 52.8 55.2 36.8 42.4 42.5 46.1 46.1 42.9 42.9 42.9 42.9 42.9 42.9 42.9 42.9 | Total farm investment | 396,048 | 1.034.320 | 484.879 | 1.144,908 | 803,707 | 283,632 | 690,200 | 343,261 |
| Fig. 7.1 47 40 53 95 63 52 63 52 63 52 63 65 63 65 63 65 63 65 61 63 65 63 65 63 65 63 65 63 65 63 65 63 65 63 65 63 65 63 65 63 63 65 63 63 65 63 63 63 63 63 63 63 63 63 63 63 63 63 | 52.8 53 95 63 52 52.8 50.7 52.8 59.9 36.8 42.4 42.5 46.1 45.1 32.6 46.0 42.4 42.5 46.1 45.1 32.6 42.4 42.9 42.5 46.1 45.1 32.6 42.4 42.9 6.2 0.1 0.2 0.0 0.0 0.0 0.0 0.2 0.1 0.0 0.7 0.0 0.0 0.0 0.5 0.0 0.1 4.7 3.6 2.2 159 178 180 161 120 43 49 52 53 56 40 43 55 61 50 71 54 41 Northern Illinois includes both northern and central Illinois. 54 54 51 | Total investment per acre | 2.218 | 2,152 | 2,686 | 2,693 | 2,424 | 1,406 | 1,578 | 1,812 |
| 60.7 52.8 50.7 52.8 59.9 36.8 42.4 35.6 42.5 46.1 45.1 32.6 46.0 42.9 0.8 1.3 0.2 0.2 2.0 11.7 7.8 0.3 0.2 0.1 0.0 0.7 0.0 0.0 0.3 0.5 0.0 0.1 0.0 0.0 0.3 2.3 1.4 0.6 0.9 4.7 3.6 2.2 157 159 178 180 161 120 130 51 49 52 53 56 40 43 56 61 50 71 54 51 | 52.8 50.7 52.8 59.9 36.8 42.4 42.5 46.1 45.1 32.6 46.0 42.4 1.3 0.2 0.2 2.0 11.7 7.8 0.2 0.1 0.0 0.0 0.0 0.5 0.0 0.1 0.0 0.3 1.4 0.6 0.9 4.7 3.6 2.2 49 52 53 56 43 55 61 50 71 54 43 Northern Illinois includes both northern and central Illinois. | Machinery invest, per till, acre | 7.1 | 47 | 40 | 53 | 95 | 63 | 52 | 172 |
| 60.7 52.8 50.7 52.8 59.9 36.8 42.4 35.6 42.5 46.1 45.1 32.6 46.0 42.9 0.8 1.3 0.2 0.2 2.0 11.7 7.8 0.3 0.2 0.0 0.7 0.0 0.0 0.3 0.5 0.0 0.1 0.0 0.3 2.3 1.4 0.6 0.9 4.7 3.6 2.2 51 49 52 53 56 40 43 16 55 61 50 71 54 51 | 52.8 50.7 52.8 59.9 36.8 42.4 42.5 46.1 45.1 32.6 46.0 42.9 1.3 0.2 0.2 2.0 11.7 7.8 0.2 0.1 0.0 0.0 0.0 0.5 0.0 0.0 0.3 1.4 0.6 0.9 4.7 3.6 2.2 49 52 53 56 43 55 61 50 71 51 Northern Illinois includes both northern and central Illinois. | Percent tillable land in | | | | | | | | (|
| 35.6 42.5 46.1 32.0 11.7 7.8 7.8 0.2 0.3 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | 42.5 46.1 45.1 32.6 46.0 42.3 1.3 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | Corn and corn silage | 60.7 | 52.8 | 50.7 | 52.8 | 29.0 | 36.8 | 42.4 | 35.3 |
| 0.3 0.2 0.1 0.0 0.7 0.0 0.0 0.0 0.3 0.3 0.5 0.0 0.0 0.0 0.0 0.3 0.5 0.6 0.9 4.7 3.6 2.2 1.4 0.6 0.9 161 120 130 16 55 61 50 7.1 50 7.1 | 0.2 0.1 0.0 0.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | Soybeans | 35.0 0 0 | 47.7 0.2 | 46.1 | 45.1 00 | 32.0 | 117 | 4.2 9.5 8.00 | 0.47 |
| 0.3 0.5 0.0 0.1 0.0 0.3 2.3 1.4 0.6 0.9 4.7 3.6 2.2 157 159 178 180 161 120 130 51 49 52 53 56 40 43 16 55 61 50 71 54 51 | 0.5 0.0 0.1 0.0 0.3 1.4 0.6 0.9 4.7 3.6 2.2 159 178 180 161 120 130 52 53 56 40 43 55 61 50 71 51 51 | Other small grain |) () | 0.2 | 0.1 | 0.0 | 0.7 | 0.0 | 0.0 | 0.0 |
| 2.3 1.4 0.6 0.9 4.7 3.6 2.2 3.6 5.2 5.1 5.0 157 159 178 180 161 120 130 151 49 52 53 56 40 43 16 55 61 50 71 54 51 | 1.4 0.6 0.9 4.7 3.6 2.2 3.4 1.5 1.2 1.2 1.3 1.4 1.2 1.3 1.4 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 | Diverted acres | 0.3 | 0.5 | 0.0 | 0.1 | 0.0 | 0.0 | 0.3 | 0.0 |
| 157 159 178 180 161 120 130 51 49 52 53 56 40 43 16 55 61 50 71 54 51 | 159 178 180 161 120 130 43 49 52 53 56 40 43 55 61 50 71 54 51 S10 Northern Illinois includes both northern and central Illinois. | All hay and pasture | 2.3 | 1.4 | 9.0 | 6.0 | 4.7 | 3.6 | 2.2 | 31.4 |
| eans 51 49 52 53 56 40 43 14 50 71 54 51 | 52 53 56 40 43 55 55 61 50 71 Southern Illinois includes both northern and central Illinois. | Crop yields, bushels per acre | 157 | 150 | 178 | 180 | 161 | 120 | 130 | 136 |
| 16 55 61 50 71 54 51 | 55 61 51 54 51 Stockhern Illinois includes both northern and central Illinois. | Sovbeans | 51 | 49 | 52 | 22 | 26 | 40 | 43 | 45 |
| | | Wheat | 16 | 55 | 61 | 20 | 71 | 54 | 51 | 99 |

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Urbana, Illinois

September 1995

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