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FARM PRODUCTION EXPENDITURES FOR 1971

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PREFACE

This is the first of two comprehensive reports to be published with detailed tabulations from the survey of 1971 farm production expenditures. Preliminary reports for broad expenditure categories were issued in April and December 1973. This publication contains data for the United States and three geographic regions within the Nation. State data are not available because the sample was designed to obtain valid estimates only at the regional and national levels. A subsequent report will contain data by economic class of farm at the United States level.

The need for a comprehensive survey of farmers' expenditures has been apparent for a number of years. The last such survey was for 1955. Since then, the rapidly changing character of agriculture had put a severe strain on the statistical resources available to measure expenditure changes. Many agricultural data series, such as the Parity Index and level of farm income, are dependent on up-to-date expenditure data for reliable economic indicators.

FARM PRODUCTION EXPENDITURES 1971

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FARM PRODUCTION EXPENDITURES FOR 1971

U. S. HIGHLIGHTS

Farm production expenditures during 1971 totaled \$53 billion for an average of \$18,220 per farm.

Expenditures related to livestock and poultry production amounted to \$18.9 billion, 36 percent of the 1971 total. A breakdown shows purchases of livestock and poultry accounted for 17 percent or over \$9 billion in this category, while 16 percent representing \$8.6 billion went for feed.

Expenditures associated with crops amounted to 11 percent--\$5.7 billion--of the 1971 total. This included 2.5 percent, \$1.3 billion, for seeds, trees, and shrubs. Another 2 percent, or \$1.1 billion, was spent for pesticides and their application, and \$3.2 billion, representing 6 percent, on fertilizer and lime.

Other expenditures itemized in the survey for 1971 included:

- * 8.2 percent for farm labor wages and perquisites--\$4.4 billion.
- * 6.8 percent for farm machinery, implements, and tractors--\$3.6 billion.
- * 3.9 percent for petroleum products used in farming--\$2.1 billion.
- * 2.4 percent for farm production share of net cost of new and used autos and trucks--\$1.3 billion.
- * 2.5 percent to market and transport farm products--\$1.2 billion.
- * 1.7 percent for custom work on crops--\$0.9 billion.

INTRODUCTION

This publication gives detailed results of the survey of farmers' expenditures in 1971 by geographic regions, and United State totals. This is a source document without analysis of survey results.

The major purposes of the survey were threefold:

- (1) To provide a set of weights reflecting production expenditure patterns for a recent year for use in calculating the Index of Prices Paid by Farmers for Commodities and Services, Including Interest, Taxes, and Farm Wage Rates (Parity Index when expressed on 1910-14=100);

- (2) to improve the basis for estimating annual farm production expenses; and
- (3) to provide data on many farm expenditures not available from other sources.

The Index of Prices Paid by Farmers for Commodities, Services, Interest, Taxes, and Farm Wage Rates is published monthly by the Statistical Reporting Service (SRS). Estimates of farm production expenses are published periodically by the Economic Research Service (ERS).

The Parity Index is used in the calculation of parity prices for farm products. Currently, the index is based on weights reflecting farmers' expenditure patterns in 1955. The information obtained for 1971 will provide the means for a current weighting pattern for the Parity Index which will provide a more accurate measure of changes in prices paid by farmers and in the parity prices of farm products.

Information on farmers' expenditures for production items was also needed to revise and improve estimates of farm production expenditures and net farm income. For some important items of production expenses, estimates have been based on survey data nearly 20 years old. Technological changes in production during the last two decades have brought about an increasing dependence on the nonfarm sector of the economy for goods and services essential to farm production. This has resulted in a relatively inflexible high cost structure in agriculture about which there has been little detailed information.

The compilation of data on farmers' expenditures by geographic regions is designed to meet the needs of economists, sociologists, market research experts, and other analysts. In planning and conducting the survey, these needs were weighed against the limitations and requirements imposed by the use of small samples. For the three broad regions--North, South, and West--the same level of detail for total expenditures is shown as that presented for the U. S. It includes expenditures for nearly all of the individual items as well as for groups and subgroups of commodities. In a few cases, some combinations of items have been made where the expenditures or the number of farms that purchased the items were unusually small. The tables contain data for (1) the number of farms reporting the item, (2) the number of farms purchasing the item as a percent of total farms, (3) the total expenditure, (4) the average expenditure per farm, and (5) the expenditure registered by the commodity or group of commodities as a percent of total expenditures.

RELATIONSHIP OF FARM PRODUCTION EXPENDITURE DATA AND FARM PRODUCTION EXPENSES USED TO ESTIMATE NET FARM INCOME

The Economic Research Service publishes estimates of gross farm income, farm production expenses, and net farm income for the U.S. and by States. These estimates are based on data obtained from many public and private sources. The SRS farm production expenditure data and agricultural census data are two of the major benchmarks for ERS estimates of farm production expenses. Differences between SRS expenditure

survey results and the ERS estimates of production expenses are largely explained by differences in concepts concerning purchased livestock, rent, capital expenditures, and depreciation, as well as the use of various benchmarks.

The concept used by ERS for computation of gross farm income and farm production expenses treats U. S. farming and ranching as though it were a single large farm. Thus transactions among farmers are usually not included in the totals since the transactions result in income to one farm being offset by a production expense to the other.

Farmers' expenditures for livestock in the SRS survey represent the total cost of all cattle and calves, hogs, and sheep and lambs bought for feeding and breeding from all sources. ERS estimates are based mainly on interstate purchases of livestock by farmers.

SRS rent expenditures represent all cash and shares to landlords. ERS estimates of gross rent represent total cash and share rent, and include direct government payments that go to the owner of a farm instead of its tenant operator. ERS net rent excludes taxes, insurance, depreciation, and miscellaneous operating costs borne by the landlord instead of the operator. Only net rents paid to the non-operator landlords are considered an expense of production by ERS.

In the SRS Farm Production Expenditure Survey, the total cost of a capital expenditure was recorded for the year in which the item was delivered or construction was completed. A depreciation account, not expenditures, is used by ERS to estimate annual expenses for operators' dwellings, service buildings and other farm structures, motor vehicles, and farm machinery and equipment, plus accidental damage to farm buildings. ERS depreciation estimates based on a "declining balance method" represent estimated outlays, in current prices, which would be required if farmers were to replace the plant and capital equipment exhausted during the year.

LIMITATIONS OF DATA

Data are shown in substantially the same detail as obtained from respondents. To provide the users of the data with some basis of evaluation of the survey results, coefficients of variation (C.V.'s) are shown for a selected group of items. Users are cautioned that the sampling error is likely to be quite large in those instances of relatively small expenditures, or for items for which only a small percentage of the farms reported, or where expenditures vary greatly between farms. In many cases, the survey data may serve only as one indication of the level of farm purchases and other available data should be taken into account.

Data from the survey should not be compared directly with farm production expenses used for computation of the net farm income as published by ERS. The SRS expenditure data represent the total purchases or obligations for goods and services received during the year. Total expenditures include items of both farm and nonfarm origin and all expenditure for capital as well as noncapital items during the year.

1971 FARM PRODUCTION EXPENDITURE SURVEY

TOTAL EXPENDITURES AND RELATED COEFFICIENT OF VARIANCE 1/

TYPE OF EXPENDITURES	UNITED STATES			NORTH			SOUTH			WEST		
	% of Farms Reptg	Dollar Value (000000)	C.V.	% of Farms Reptg	Dollar Value (000000)	C.V.	% of Farms Reptg	Dollar Value (000000)	C.V.	% of Farms Reptg	Dollar Value (000000)	C.V.
	TOTAL FARM EXPENDITURES 1/	90.9	52,996	5.2	88.5	29,298	7.5	93.3	15,942	8.8	91.2	7,755
LIVESTOCK AND POULTRY EXPENDITURES	48.2	9,091	17.2	49.8	5,967	25.7	46.4	2,156	12.3	48.1	969	9.7
TOTAL FEED EXPENDITURES 2/	73.5	8,529	8.0	71.7	4,470	12.0	77.2	3,070	13.0	66.5	989	10.0
TOTAL SEED - INCLUDES LANDLORD	66.5	1,318	6.0	72.9	757	4.0	62.7	425	16.8	62.8	136	12.2
TOTAL FERTILIZER - LIME	67.8	3,230	5.2	69.9	1,799	4.2	69.1	1,158	12.7	61.0	273	8.4
TRACTORS	13.7	1,217	4.5	17.6	725	5.9	10.2	376	8.5	11.3	116	12.7
MACHINERY	45.3	2,389	3.6	54.0	1,540	4.4	35.9	586	8.0	45.7	264	7.3
PETROLEUM EXPENSE	86.9	2,962	3.2	87.0	1,689	2.5	86.5	890	9.1	88.6	383	6.8
CONSTRUCTION - OPERATOR ONLY	12.8	993	7.4	14.8	663	9.0	10.6	220	17.0	13.3	110	19.3
MAINTENANCE - OPERATOR ONLY	21.7	218	6.2	29.4	132	7.2	14.1	58	13.1	19.1	29	21.5
TOTAL LABOR	51.7	4,366	7.6	52.8	1,401	6.3	49.3	1,772	17.2	57.8	1,193	8.0
TOTAL INSURANCE - FARM SHARE	72.2	1,468	4.1	82.2	801	3.0	62.1	414	10.8	69.4	253	12.6
TOTAL TAXES - OPERATOR ONLY	84.4	1,675	3.3	82.8	981	2.9	85.8	351	12.1	85.7	343	5.7
TOTAL INTEREST - OPERATOR ONLY	48.4	2,531	3.7	56.6	1,359	4.1	37.4	648	9.8	58.7	524	7.5
TOTAL LANDLORD EXPENSES	33.9	1,753	5.5	37.9	1,262	7.1	30.0	306	10.6	32.8	185	9.5
FEEDER CATTLE	9.6	3,454	8.1	14.2	2,396	9.5	22.5	723	22.6	23.4	391	14.4
SOYBEAN MEAL	4.1	124	8.6	6.8	76	10.1	1.8	42	18.7	1.4	7	24.7
GASOLINE - FARM SHARE	86.8	1,443	3.2	87.1	847	2.4	86.2	412	9.5	88.2	184	7.0
DIESEL FUEL - FARM SHARE	27.0	303	5.2	31.3	155	16.3	20.0	100	6.4	38.5	48	7.4
ROW CROP CULTIVATOR	2.5	45	10.2	3.7	30	12.6	1.7	14	19.2	0.6	1	27.5

1/ TOTAL MAY NOT ADD DUE TO ROUNDING AND EXPANSION DIFFERENCES OF INDIVIDUAL ITEMS AND CATEGORY TOTALS.

2/ DOES NOT INCLUDE OTHER LIVESTOCK AND POULTRY EXPENDITURES.

Errors and biases: The total error of any survey estimate is a combination of those errors from sampling procedures and such nonsampling factors introduced by enumerators, respondents, and field and office procedures. In an expenditure survey of this type, statisticians believe that for many of the estimates, the nonsampling errors may be as large or larger than the sampling errors.

The sampling errors were computed for only a portion of the items and in the following tables expressed as a percentage of the estimate (coefficient of variation, C.V.). If an item has a C.V. of 5 percent, the chances are two out of three that the actual population value for the item is between 95 and 105 percent of the value shown. The chances that the population value for the item is between 90 and 110 percent of the survey result are 19 out of 20.

Detailed data given for the three regions are subject to relatively large sampling errors so expenditure differences between regions should be carefully studied before assuming they are statistically significant. In general, estimates for the regions are subject to sampling errors 2 to 4 times as large as for United States estimates. The sampling errors are also larger when the proportion of farms purchasing or reporting the specific item is small. Aggregates have lower C.V.'s than the individual parts which make up the total.

Experience with expenditure studies indicates that respondents have difficulty accurately recalling expenditures (recall errors). Studies of the accuracy of reporting expenditures using the annual recall method have generally indicated an under-reporting bias by respondents, although the degree of under-reporting among items is not uniform; in fact, some items are over-reported. The extent of under-reporting has been found to be inversely related to the level of detail in the questionnaire design. In this survey, the recall problem was lessened since most respondents had some type of record keeping for tax purposes. The questionnaire was designed to group data along the lines of general farm account methods and detailed questions were used to aid recall.

Other nonsampling errors or biases of expenditure surveys are:

- a. Telescoping error: The incorrect placing of an expenditure in time by respondent - e.g., reporting a purchase in January actually made in December of the previous year. Generally, the tendency is to report for a more recent date than the actual date of purchase. A comparison of reported expenditures with actual expenditures during a given period may show little difference, as recall errors may be largely offset by telescoping errors.
- b. Reporting load effect: The failure of respondents to report expenditures because of fatigue resulting from lengthy and complex questionnaires. Enumerators indicated to respondents that the questionnaire would take a while to complete. If respondent did not have time, an appointment was made to complete the questionnaire later. Design of the questions and questionnaires was

aimed at an orderly transition from subject to subject in the same manner which most respondents would recall the data.

- c. Respondent effects: Those factors associated with the particular person responding to the interview. For example, several persons may make expenditures unknown to the respondent which causes incomplete reports. Some respondents make frequent use of records during the interview, while others make little or no use of them.
- d. Interviewer effects: Interviewers or enumerators may obtain different answers to the same question depending on how they ask the question and the degree of probing used to obtain a complete and accurate response. Training schools are held to teach enumerators to ask questions properly and to use probing techniques if answer is unclear to keep the interviewer effect to a minimum.
- e. Reporting instrument effects are associated with the particular questionnaire employed. Design of an expenditure questionnaire can affect responses. It is not feasible to have a questionnaire which lists the thousands of items which farm operators purchase each year. Therefore, respondents are asked to report expenditures for several items in one question. Thus the categories, or groupings of items which appropriate examples are important in obtaining accurate reporting of expenditures.

SURVEY METHODOLOGY

Sample Design 1/

The survey used a two-stage multiple-frame sample design. The first stage of sampling consisted of the selection of counties or groups of counties. A total of 329 primary sampling units (PSU's) consisting of 397 counties were selected. The second stage of sampling was the selection of farms within each PSU.

Two sampling frames were used; an area frame of land segments and a list frame of farms with sales of \$20,000 or more. The area frame satisfied the requirements of probability sampling in that every farm in the population had a probability of being selected. It was assumed that the area frame would provide a satisfactory estimate of production expenditures for the farms with less than \$20,000 sales. A list frame was used to sample larger farms at a heavier rate than the smaller farms.

The importance to the survey of farms with large sales was emphasized by the distribution of farms by value of sales from the Agricultural Census. Less than 10 percent of U. S. farms account for well over half of the total sales of farm products, while only about 2 percent of sales are contributed by the one-third of the farms with the smallest sales. Expenditures generally follow about the same pattern as sales.

The U. S. was stratified into three geographic regions: North, South, and West. Sample allocation of PSU's by regions was based primarily on value of sales of farm products with additional samples allocated to the western region because of the number of farms with very large sales of farm products.

The sample allocation within each region was based on the following economic classes:

- a. Farms with value of sales greater than \$40,000.
- b. Farms with value of sales between \$10,000-\$39,000.
- c. Farms with value of sales less than \$10,000.

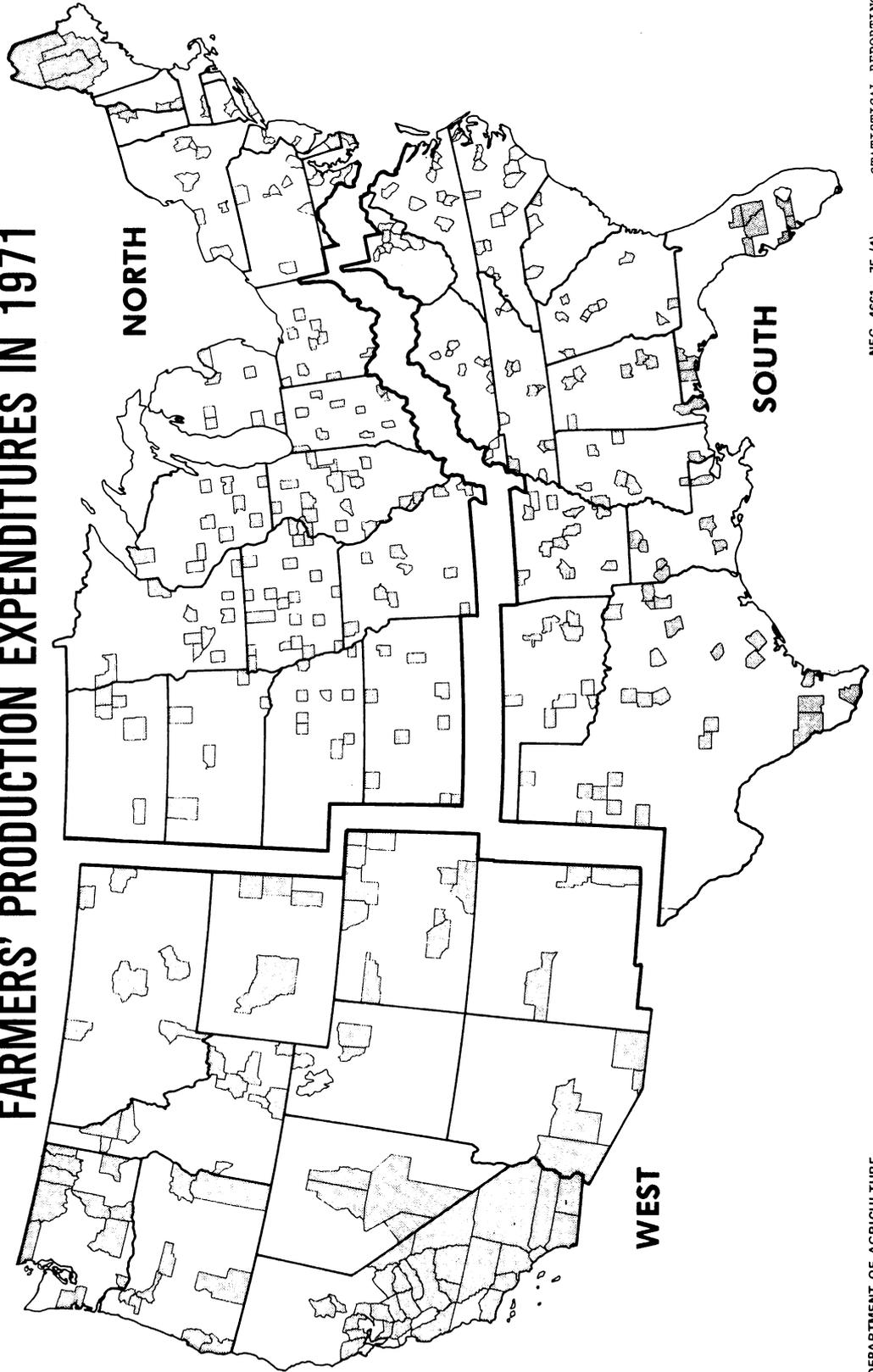
This method of allocation was somewhat arbitrary, but it was assumed the sample would be nearly optimum when allocations were proportional to value of sales since farm expenditures were assumed to be proportional to value of sales. The 1964 Census of Agriculture data were used to allocate the sample to regions and economic classes within regions.

Sample allocations to the list and area frames were made at the regional level by value of sales. Within PSU's sampling rates were computed by frame. The sampling rates were applied to the number of names on the list frame and the total number of segments in the area frame to determine the expected number of farms to be interviewed.

SAMPLING RATES FOR 1971 FPES

<u>Region</u>	<u>Frame</u>	<u>Rate-One In</u>
North	List	90
	Area	560
South	List	55
	Area	650
West	List	35
	Area	250

PRIMARY SAMPLING UNITS AND REGIONS FOR SURVEY OF FARMERS' PRODUCTION EXPENDITURES IN 1971



Computation of Estimates and Sampling Errors

The expansion of survey data into estimates of expenditures and computation of associated sampling errors required several steps. The multiple-frame sampling design required the computation of estimates by frame and domain within frames. Estimates for each frame had to be adjusted for nonresponse. Finally, the estimates by domain were weighted together to create the final estimate. With only one PSU selected per stratum, the method of collapsed strata was used to obtain estimates of sampling errors.

To simplify the computations, it was decided not to derive the components of variance even though the sample was selected in two stages. The concept of an ultimate cluster was used to compute the total variance. Estimates of variance from these ultimate cluster totals include the variance components introduced by each stage of sampling.

Identification of Farms for Interviewing

Within the selected area segments, all farm operators residing inside the segment boundaries were interviewed without regard to the location of the land operated. A farm could have only one operator. The residence of the operator at time of interview was considered the location of the farm, regardless of where the land was located. Enumerators were provided with a criteria list to determine if the person qualified as the unique operator. For example, if all partners lived on the land operated, the person who made most of the decisions was considered the operator. In cases where the operator had independently operated land plus land with joint arrangements, an interview was completed for the independently operated land and a separate interview obtained the data for jointly operated or managed land for which he qualified as the operator.

Names for the list frame were prepared by the State Statistical Offices for each of the selected PSU's, usually counties. Names could be an individual name, a corporation, a partnership, a farm or ranch name. Enumerators were provided with a listing of names of farms to be contacted. In order for a questionnaire to be completed, the farm operator must have lived in the PSU and operated a farm in 1971. The average time for completion of a questionnaire was about 2 1/2 hours.

Data Collection

All State Supervisors attended a five-day national training school. Then the State Supervisors conducted a four-day training school for the local enumerators before the field work started.

Screening questionnaires were used in the area segments and for the selected list operators to determine if the respondents qualified for a questionnaire and to define the total land operated. The definition of a farm was that used by SRS for other surveys and by the Census Bureau for the 1969 Census of Agriculture. The use of a multiple-frame sample design required that considerable information about the operating unit be obtained to determine if the same farm could have been selected under another name.

All expenses for the farm, except certain ones paid by the landlord, were recorded on the farm operator questionnaire. A landlord questionnaire was used to obtain landlord expenses for insurance, taxes, interest, fencing, seed, fertilizer and lime, construction and maintenance of buildings and other improvements.

Data were collected during February, March, and April of 1972 from farm operators and landlords by personal interview. The expenditures were recorded for the full amount of all goods and services purchases in 1971, even though not completely paid for in 1971. Expenses that were contracted in 1971 for goods and services to be received in 1971 and later years, such as magazine subscriptions or casualty insurance, were included in full. Payments made in 1971 on goods and services received before 1971 were excluded. For personal or property taxes, the respondents were requested to report only the amount due in 1971 whether or not payment was made in 1971, and to exclude amounts paid to cover taxes due for prior years. Respondents were asked to report the entire cost for new construction and additions to farm service buildings completed in 1971.

Financing charges and interest on installment purchases, delivery and installation charges, and sales and excise taxes were included as part of the total expenditure. Only net expenditures were recorded when trade-in-allowances or discounts were part of the transaction, except for automobiles and trucks. For automobiles and trucks, the net expenditures were obtained by asking the total price, then deducting the trade-in-allowance and discounts.

Separation of Farm and Family Share

Several types of expenditures are applicable to both family living and farm production. For example, automobiles and trucks are commonly used for both farm business and personal travel. The cost of their purchase and operation cannot, therefore, be wholly assigned to either production costs or family living expenses. This is also true of expenditures for fuel, utilities, insurance, interest, taxes, and some other items. Such expenses are often billed to the farm as a whole.

Various methods were used to allocate such combined expenditures to either family living or production. For expenditures for electricity, oil, water, telephone, and certain other items, the respondent was asked to estimate the breakdown between farm production and family living.

Outlays for purchasing and operating expenses for automobiles and trucks were allocated on the basis of mileage driven for farm business, family use, and other business. Family use was defined to include travel for shopping, visiting, church, school, clubs, recreation and vacations, and going to and from work for wages or salaries off the farm. Nonfarm business was defined as any commercial use separate from the farming operation--such as trucking, professional practice, sales, etc.

Expenditures for farm real estate taxes, mortgage interest, and legal and settlement fees in connection with purchase or sale of farm real estate, were allocated to farm production. The farm share of fire, wind, and extended coverage property insurance expenses excluded the operator's dwelling and contents, and motor vehicles. Since no allocation was made of cash or share rent paid on the farm, the total was included under production expenses.

Handling of Nonresponses and Data Adjustment

Nonresponses or no reports include those questionnaires with no data supplied and questionnaires partially completed. Questionnaires with no data were (1) refusals on the part of the sample unit to be surveyed, or (2) the inability of the enumerator to reach the sample unit because the operator was not accessible or the sample unit was inaccessible because of snow, floods, or closed roads and bridges. The outright refusal rate was 3.2 percent. The inaccessibles and incompletes amounted to 10.3 percent of the sample.

The sample was designed to obtain about 10,000 interviews. Usable questionnaires were obtained from approximately 8,600 operators. Expansion factors for the final estimates were adjusted to account for unusable questionnaires.

In addition, the area frame expansion factors were adjusted upward 5 percent for farms missed on the survey. The 5 percent adjustment brought the expanded acreage for major crops into reasonably close agreement with the official USDA acreage estimates but the expanded number of farms was still considerably below the official USDA estimates. The farms missed were believed to have been mostly small acreages with very little production or production expenses. The published average expenditure per farm is the survey expanded data divided by the SRS estimated number of farms.

DESCRIPTION OF THE FARM PRODUCTION EXPENDITURE SURVEY TABLES

The production expenditure tables include both landlord and operator expenses, and are designed to reflect all the costs incurred with farm production. Every attempt has been made to include only those expenses related to the farm or ranch and to exclude those items and expenses not related to actual farm production. Landlord expenditures are shown separately for only limited numbers of items.

When expenditures for operators and landlords are combined, duplication is unavoidable for certain analytical purposes. Duplication occurs because expenses for landlords are counted twice-- (1) as expenses reported by the landlord, and again (2) as part of the gross rent reported as paid by the operator. However, a combined total of expenditures for both the operator and the landlord for various items or categories of expenses is an appropriate measure of the size of the total agricultural market for the item.

1/ For a more complete discussion see - Frederic A. Vogel, "An Application of a Two-Stage Multiple Frame Sample Design," Statistical Reporting Service, U.S.D.A., Presented at the 133rd Annual Meeting of the American Statistical Association, New York City, December 27-30, 1973.

1971 FARM PRODUCTION EXPENDITURE SURVEY
UNITED STATES

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
TOTAL FARM EXPENDITURES	NA	NA	52,995,748	18,220	100.0
LIVESTOCK AND POULTRY EXPENDITURES	NA	NA	18,950,451	6,515	35.8
LIVESTOCK AND POULTRY PURCHASES	1,401	48.2	9,091,371	3,126	17.1
CATTLE AND CALVES	971	33.4	7,779,023	2,674	14.7
DAIRY CATTLE AND CALVES	235	8.1	815,040	280	1.5
BEEF CATTLE AND CALVES	543	18.7	3,509,864	1,207	6.4
STOCKER & FEEDER CATTLE & CALVES	279	9.6	3,454,113	1,188	6.3
HOGS AND PIGS	540	18.5	577,159	198	1.1
BREEDER HOGS	248	8.5	225,707	78	0.4
FEEDER HOGS AND PIGS	328	11.3	351,452	121	0.6
SHEEP AND LAMBS	69	2.4	98,494	34	0.2
FEEDER LAMBS	13	0.5	37,558	13	0.1
SHEEP AND OTHER LAMBS	59	2.0	60,936	21	0.1
POULTRY	228	7.8	562,047	193	1.0
BROILER CHICKS	75	2.6	228,396	78	0.4
EGG TYPE CHICKS & STARTED PULLETS	NA	NA	283,429	97	0.5
EGG TYPE CHICKS	107	3.7	80,201	28	0.1
STARTED PULLETS	54	1.9	203,228	70	0.4
TURKEYS (INCLUDING POULIS)	7	0.2	50,222	17	0.1
OTHER LIVESTOCK AND POULTRY	1,617	2.4	74,647	26	0.1
OTHER LIVESTOCK AND POULTRY SERVICES	877	55.6	654,025	225	1.2
VETERINARIAN SERVICES	1,186	40.8	200,344	69	0.4
SERUMS VACCINES TONICS & MEDICINES	1,039	35.7	151,508	52	0.3
ARTIFICIAL INSEMINATION	290	10.0	70,414	24	0.1
OTHER BREEDING FEES	82	2.8	15,868	5	0.0
LIVESTOCK PASTURING FEES	104	3.6	141,305	49	0.3
PAID TO FEDERAL AGENCIES	21	0.7	17,168	6	0.0
PAID TO OTHER FARMERS	76	2.6	78,174	27	0.1
PAID TO OTHERS	14	0.5	45,964	16	0.1
COW TESTING SERVICES	65	2.2	22,285	8	0.0
SHEARING SHEEPS OR GOATS	89	3.1	8,081	3	0.0
CULL CAPONIZE AND VACCINATE POULTRY	6	0.2	2,980	1	0.0
REGISTRATION OF LIVESTOCK AND POULTRY	103	3.6	11,025	4	0.0
OTHER SERVICES AND EXPENSES	144	5.0	30,213	10	0.1
FEED EXPENDITURES	NA	NA	8,551,078	2,932	16.1
GRAINS	877	30.1	1,771,204	609	3.3
CORN	694	23.9	1,497,624	515	2.7
OATS	210	7.2	70,870	24	0.1
BARLEY	58	2.0	71,694	25	0.1
SORGHUM GRAINS	54	1.9	79,722	27	0.1
WHEAT	35	1.2	25,773	9	0.0
OTHER GRAINS	43	1.5	25,521	9	0.0

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
UNITED STATES

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
ROUGHAGE (INCLUDING ALFALFA MEAL)	786	27.0	694,402	238	1.3
ALFALFA HAY & ALFALFA MIXTURES	286	9.8	445,396	153	0.8
OTHER HAY	520	17.9	187,344	64	0.3
SILAGE	20	0.7	37,003	13	0.1
ALFALFA MEAL OR PELLETS	38	1.3	24,659	8	0.0
POULTRY FEED	427	14.7	1,901,112	654	3.6
LAYING FEED	325	11.2	763,322	262	1.4
OYSTER SHELL	161	5.5	8,846	3	0.0
CHICK STARTER	88	3.0	50,753	17	0.1
PULLET GROWER	37	1.3	96,350	33	0.2
BROILER FEEDS	63	2.0	922,936	317	1.7
STARTER	35	1.2	298,178	103	0.5
GROWER	36	1.2	374,950	129	0.7
FINISHER	25	0.9	249,807	86	0.5
TURKEY FEEDS	8	0.3	58,913	21	0.1
STARTER	6	0.2	2,626	1	0.0
GROWER	5	0.2	56,287	19	0.1
MIXED FEEDS AND SUPPLEMENTS	NA	NA	3,506,540	1,205	6.6
DAIRY FEED	405	13.9	1,371,361	471	2.6
TOTAL HOG, SHEEP & BEEF FEEDS	NA	NA	2,135,179	734	4.0
HOG FEED	635	21.8	1,208,869	416	2.2
BEEF CATTLE FEED	652	22.4	658,537	226	1.2
SHEEP FEED	47	1.6	26,023	9	0.0
OTHER MIXED FEED	123	4.2	241,750	83	0.4
TOTAL PROTEIN FEEDS (EXCLUDING ALFALFA MEAL)	331	11.4	203,767	79	0.4
SOYBEAN MEAL	120	4.1	123,964	42	0.2
COTTONSEED MEAL	120	4.1	37,448	12	0.1
TOTAL ALL OTHER PROTEIN FEED	NA	NA	42,354	15	0.1
TANKAGE	12	0.4	1,351	0	0.0
UREA	10	0.3	2,475	1	0.0
MEAT SCRAP	15	0.5	6,801	2	0.1
LIQUID PROTEIN SUPPLEMENT	71	2.4	31,726	11	0.1
TOTAL GRAIN BY-PRODUCTS	36	1.2	5,628	2	0.0
CORN MEAL FOR FEED	11	0.4	2,401	1	0.0
TOTAL OTHER FEEDS	1,531	52.6	466,023	160	0.9
DRIED BEET PULP	20	0.7	57,283	20	0.1
DRIED CITRUS PULP	7	0.2	8,003	3	0.0
DRY MOLASSES	72	2.5	11,654	4	0.0
LIQUID MOLASSES	137	4.7	33,266	11	0.1
STOCK SALT	1,301	44.7	48,905	17	0.1
MILK REPLACER	198	6.8	36,328	12	0.1
MINERALS VITAMINS ANTIBIOTICS, ETC	579	19.9	113,420	39	0.2
OTHER FEEDS NOT SPECIFIED	227	7.8	157,162	54	0.2

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
UNITED STATES

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
LIVESTOCK AND POULTRY EQUIPMENT	965	33.2	598,312	206	1.1
DAIRY EQUIPMENT	351	12.1	281,024	96	0.5
MILKING SYSTEMS COMPLETE	22	0.8	55,072	19	0.1
MILKER VACUUM PUMP	22	0.7	6,964	2	0.0
MILKER UNITS	14	0.5	6,090	2	0.0
MILK COOLERS	34	1.2	66,820	23	0.1
STANCHIONS OR MILKING STALLS	22	0.8	16,021	6	0.0
BULK FEED STORAGE EQUIPMENT	11	0.4	14,148	5	0.0
DAIRY CONTAINERS	7	0.2	4,028	1	0.0
MILK PAILS STRAINERS FILTERS ETC	260	8.9	12,893	4	0.0
WATER HEATERS, SINKS & OTHER					
MILK PARLOR EQUIPMENT	33	1.2	6,123	2	0.0
DAIRY CLEANING SUPPLIES	259	8.9	42,787	15	0.1
FEED CARTS, OTHER DAIRY					
MACHINES & EQUIPMENT	82	2.8	17,864	7	0.0
MAINTENANCE & REPAIR OF DAIRY					
EQUIPMENT	150	5.1	32,213	11	0.1
POULTRY EQUIPMENT	116	4.0	150,610	52	0.3
INCUBATORS & CHICK BROODERS	15	0.5	3,678	1	0.0
FEEDERS AND WATERS	66	2.3	6,585	2	0.0
MECHANICAL FEEDERS	7	0.2	14,251	5	0.0
BULK FEED STORAGE EQUIPMENT	4	0.1	3,379	1	0.0
CAGES AND NESTS	9	0.3	10,222	4	0.0
EGG GRADERS & WASHERS	2	0.0	5,212	2	0.0
EGG CASES	4	0.1	19,153	7	0.0
REFRIGERATED COOLING EQUIPMENT	2	0.1	861	0	0.0
CLEANING SUPPLIES	14	0.5	3,119	1	0.0
OTHER POULTRY EQUIPMENT AND					
SUPPLIES	26	2.5	11,141	13	0.0
EGG CARTONS, MAINTENANCE &					
REPAIR OF POULTRY EQUIPMENT	59	2.0	73,008	25	0.1
OTHER LIVESTOCK EQUIPMENT	686	23.6	166,678	57	0.3
FARROWING CRATES OR STALLS	20	0.7	10,583	4	0.0
HOG TROUGHS AND WATERS	156	5.4	13,788	5	0.0
HOG SELF FEEDERS	137	4.7	24,376	8	0.0
CATTLE SELF FEEDERS (EXCL DAIRY)	53	1.8	11,730	4	0.0
FEED BUNKS, SHEEP & LAMB FEEDERS	72	2.4	10,988	4	0.0
BULK FEED STORAGE EQUIPMENT	17	0.6	12,005	4	0.0
STOCK WATER TANK (MOVEABLE)	143	4.9	9,697	3	0.0
STOCK WATER TANK HEATER	63	2.2	3,633	1	0.0
BEE EQUIPMENT AND SUPPLIES	10	0.3	4,469	2	0.0
COLLARS HARNESSES BRIDLES ETC	89	3.1	15,460	5	0.0
OTHER EQUIPMENT	248	8.5	35,293	12	0.1
MAINTENANCE & REPAIR OTHER EQUIP	135	4.7	12,679	4	0.0
SACKS FOR WOOL, MOHAIR & OTHER					
LIVESTOCK MARKET CONTAINERS	NA	NA	1,978	0	0.0
PESTICIDES FOR LIVESTOCK & POULTRY	1,278	44.0	55,665	19	0.1

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
UNITED STATES

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
SEED & CROP EXPENDITURES	NA	NA	5,664,260	1,947	10.7
SEEDS, TREES, & SHRUB PURCHASES	1,935	66.5	1,318,159	453	2.5
TOTAL FIELD CROP SEEDS	1,647	56.6	950,765	327	1.7
HYBRID CORN	1,086	37.3	431,398	148	0.8
SEED WHEAT	364	12.5	74,368	26	0.1
SEED OATS	428	14.7	39,790	14	0.1
SEED BARLEY	100	3.5	18,599	6	0.0
SEED RYE	73	2.5	7,719	3	0.0
SEED SORGHUM GRAIN	181	6.2	36,918	12	0.1
SEED SOYBEAN	409	14.1	127,985	44	0.2
SEED DRYBEAN	21	0.7	8,759	3	0.0
TOTAL SEED IRISH POTATOES	64	2.2	41,636	14	0.1
SEED COTTON SEED	102	3.5	35,184	12	0.1
SEED PEANUTS	51	1.7	84,301	30	0.2
SEED RICE	10	0.4	18,017	6	0.0
FLAXSEED	13	0.5	2,132	1	0.0
OTHER FIELD CROP SEED	84	2.9	18,637	6	0.0
TOBACCO SEED & PLANTS	197	6.8	5,322	2	0.0
SEED TOBACCO	183	6.3	2,887	1	0.0
PLANT TOBACCO	19	0.6	2,435	1	0.0
TOTAL PASTURE-CLOVER SEEDS	1,113	38.3	274,083	94	0.5
ALFALFA SEED	357	12.3	54,226	18	0.1
ALFALFA SEED CERTIFIED	278	9.5	42,155	15	0.1
ALFALFA SEED NON-CERTIFIED	85	2.9	12,071	4	0.0
GRASS & HAY SEED EXCL ALFALFA	NA	NA	93,184	32	0.2
RED CLOVER SEED	211	7.3	14,398	5	0.0
SWEET CLOVER	57	2.0	3,207	1	0.0
LADINO & WHITE CLOVER SEED	54	1.9	2,007	0	0.0
TOTAL LESPEDEZA SEED	80	2.7	5,583	2	0.0
TIMOTHY SEED	148	5.1	4,082	1	0.0
TOTAL RYE GRASS SEED	97	3.3	10,036	3	0.0
RYE GRASS SEED-ANNUAL	84	2.9	8,508	3	0.0
RYE GRASS SEED-PERENNIAL	17	0.6	1,528	1	0.0
TOTAL FESCUE SEED	144	5.0	9,469	3	0.0
SUDAN GRASS-HYBRIDS & OPEN POLL	43	1.4	4,212	2	0.0
SUDAN GRASS-SORGHUM CROSSES	60	2.1	6,929	2	0.0
OTHER SUDAN GRASS & CROSSES	17	0.6	1,316	0	0.0
OTHER HAY-PASTURE GRASSES	250	8.6	25,688	9	0.0
OTHER COVER CROP	63	2.2	6,256	2	0.0
TREES & SHRUBS	NA	NA	92,437	32	0.2
FRUIT-NUT TREES ETC COMMERCIAL	37	1.3	55,440	19	0.1
OTHER TREES SHRUBS	18	0.6	36,997	13	0.1
ALL OTHER SEEDS & INOCULATION	NA	NA	34,236	12	0.1
VEG SEEDS-COMMERCIAL	58	2.0	31,095	11	0.1
INOCULATION FOR SEEDS-ROOTINGS	94	3.2	3,142	1	0.0
LANDLORDS SEED EXPENDITURE	275	9.4	93,319	32	0.2

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
UNITED STATES

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
TOTAL PESTICIDES & APPLICATION ON CROPS	NA	NA	1,115,669	384	2.1
TOTAL EXPENDITURE LIME & FERTILIZER	1,971	67.8	3,230,431	1,110	5.9
TOTAL FERTILIZER & LIME MATERIALS	1,924	66.2	2,959,453	1,017	5.4
FERTILIZER & FERTILIZER MATERIAL	1,905	65.5	2,829,657	973	5.2
LIME, LIMING MATERIALS & SOIL CONDITIONERS	391	13.4	129,794	45	0.2
LL. EXPENSE FOR LIME-FERTILIZER	406	14.0	270,979	93	0.5
TOTAL LIME-FERTILIZER MAT CUSTOM	397	13.6	769,659	265	1.4
FERTILIZER & MATERIALS CUSTOM	356	12.2	739,710	254	1.4
LIME AND MATERIALS CUSTOM	93	3.2	29,949	10	0.1
TOTAL CUSTOM APPLICATION	356	12.2	77,441	27	0.1
CUSTOM APPLICATION FERTILIZER	314	10.8	66,108	23	0.1
CUSTOM APPLICATION LIME	89	3.1	11,333	4	0.0
TOTAL NON-CUSTOM	1,427	49.1	1,836,342	631	3.4
NON-CUSTOM FERTILIZER	1,408	48.4	1,792,806	616	3.3
NON-CUSTOM LIME	174	6.0	43,540	15	0.1
TOTAL CUSTOM EXPENSE	284	9.8	276,010	95	0.5
TOTAL CUSTOM EXPENSE FERTILIZER	200	6.9	231,037	79	0.4
TOTAL CUSTOM EXPENSE LIME	128	4.4	44,973	15	0.1
MARKETING AND TRANSPORTATION	NA	NA	1,339,764	460	2.5
MARKETING CONTAINERS FOR CROP, FRUITS AND VEGETABLES	54	1.9	155,601	53	0.3
TRANSPORTATION AND MARKETING EXPENSE	NA	NA	1,184,162	407	2.2
TOTAL FRUITS & VEGETABLES MARKETED	68	2.4	272,477	94	0.5
TOTAL MARKET CHANNELING	23	0.8	108,725	37	0.2
FRUITS, BERRIES OR NUTS	10	0.3	91,577	31	0.2
VEGETABLES FOR FRESH USE	4	0.1	10,629	4	0.0
VEGETABLES FOR PROCESSING	2	0.1	1,177	0	0.0
DRY BEANS AND PEAS	4	0.1	1,007	0	0.0
POTATOES	5	0.2	4,336	1	0.0
TOTAL MARKETING PREPARATION	17	0.6	47,012	16	0.1
FRUITS, BERRIES OR NUTS	5	0.2	26,183	9	0.0
VEGETABLES FOR FRESH USE	7	0.2	10,484	4	0.0
VEGETABLES FOR PROCESSING	0	0.0	1,122	0	0.0
DRY BEANS AND PEAS	4	0.1	2,504	1	0.0
POTATOES	1	0.0	6,719	2	0.0
TOTAL TRANSPORTATION	43	1.5	116,739	40	0.2
FRUITS, BERRIES OR NUTS	25	0.9	70,571	24	0.1
VEGETABLES FOR FRESH USE	6	0.2	29,805	10	0.1
VEGETABLES FOR PROCESSING	4	0.1	7,770	3	0.0
DRY BEANS AND PEAS	3	0.1	385	0	0.0
POTATOES	6	0.2	8,209	3	0.0

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
UNITED STATES

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
TOTAL FIELD CROPS MARKETING	649	22.3	376,349	129	0.7
TOTAL MARKET CHANNEL FIELD CROPS	329	11.3	81,300	275	1.5
MARKET CHANNEL COTTON	32	1.1	9,863	3	0.0
MARKET CHANNEL TOBACCO	184	6.3	31,175	11	0.1
MARKET CHANNEL CORN	38	1.3	15,749	253	1.3
MARKET CHANNEL SMALL GRAINS	31	1.1	6,944	2	0.0
MARKET CHANNEL SOYBEANS	46	1.6	7,680	3	0.0
MARKET CHANNEL HAY	5	0.2	543	0	0.0
MARKET CHANNEL SUGAR BEETS AND OTHER CROPS	30	1.0	9,346	3	0.0
TOTAL MARKET PREP FIELD CROPS	192	6.6	192,215	66	0.4
MARKET PREP COTTON	59	2.0	116,935	40	0.2
MARKET PREP CORN	66	2.3	29,318	10	0.1
MARKET PREP SMALL GRAINS	25	0.9	3,118	1	0.0
MARKET PREP SOYBEANS	17	0.6	1,778	1	0.0
MARKET PREP HAY	9	0.3	3,185	1	0.0
MARKET PREP TOBACCO, SUGAR BEETS AND OTHER CROPS	47	1.6	37,881	13	0.1
TOTAL TRANSPORT FIELD CROPS	372	12.8	102,833	35	0.2
TRANSPORT COTTON	12	0.4	3,277	1	0.0
TRANSPORT CORN	137	4.7	27,372	9	0.1
TRANSPORT SMALL GRAINS	69	2.4	21,562	7	0.0
TRANSPORT SOYBEANS	95	3.3	11,951	4	0.0
TRANSPORT HAY	47	1.6	14,030	4	0.0
TRANSPORT TOBACCO, SUGAR BEETS AND OTHER CROPS	101	3.5	24,641	8	0.0
LIVESTOCK AND LIVESTOCK PRODUCTS EXPENSE	1,260	43.3	509,652	175	0.9
TOTAL OTHER MARKETING LIVESTOCK EXPENSE	803	27.6	135,152	46	0.2
CATTLE AND CALVES	701	24.1	87,133	30	0.2
HOGS AND FEEDER PIGS	164	5.6	21,754	7	0.0
SHEEP AND LAMBS	47	1.6	2,248	1	0.0
MILK AND DAIRY PRODUCTS	40	1.4	16,907	6	0.0
EGGS AND POULTRY PRODUCTS	3	0.1	1,973	1	0.0
WOOL, MOHAIR, HONEY AND OTHER LIVESTOCK PRODUCTS	12	0.4	5,138	2	0.0
LIVESTOCK AND LIVESTOCK PRODUCTS TRANSPORT	1,014	34.9	374,499	129	0.7
CATTLE AND CALVES	814	28.0	122,226	42	0.2
HOG AND FEEDER PIGS	218	7.5	22,049	8	0.0
SHEEP AND LAMBS	48	1.7	3,838	1	0.0
MILK AND DAIRY PRODUCTS	215	7.4	210,952	73	0.4
EGGS AND POULTRY PRODUCTS	5	0.2	8,220	3	0.0
WOOL, MOHAIR, HONEY, AND OTHER LIVESTOCK PRODUCTS	19	0.7	7,213	2	0.0
OTHER COMMODITIES	8	0.3	17,064	6	0.0
TOTAL OTHER MARKET EXPENSE	2	0.1	11,802	4	0.0
TOTAL TRANSPORT	7	0.2	5,262	2	0.0

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
UNITED STATES

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
TOTAL MKTG EQUIP NOT REPORTED EQUIPMENT & OTHER FARM SUPPLIES WITH TRANSPORTATION NOT REPORTED ELSEWHERE	45	1.5	8,620	3	0.0
EQUIPMENT & OTHER FARM SUPPLIES WITH EXPENSE NOT REPORTED ELSE- WHERE	34	1.2	6,062	2	0.0
PESTICIDES USED IN STORAGE BLDG	11	0.4	2,559	1	0.0
MOTOR VEHICLES ON FARMS TOTAL NET EXPENDITURES	382	13.1	15,471	5	0.0
TOTAL CARS	605	20.8	1,285,729	442	2.4
NEW CARS	250	8.6	816,255	280	1.5
FARM BUSINESS	NA	NA	189,704	65	0.3
FAMILY USE	NA	NA	535,609	184	1.0
NON-FARM BUSINESS	NA	NA	90,942	31	0.2
USED CARS	355	12.2	469,479	161	0.9
FARM BUSINESS	NA	NA	97,693	34	0.2
FAMILY USE	NA	NA	313,954	108	0.6
NON-FARM BUSINESS	NA	NA	57,832	19	0.1
TOTAL TRUCKS	419	14.4	881,544	303	1.6
NEW TRUCKS	206	7.1	633,327	218	1.2
FARM BUSINESS	NA	NA	463,837	159	0.9
FAMILY USE	NA	NA	95,430	33	0.2
NON-FARM USE	NA	NA	74,060	26	0.1
USED TRUCKS	213	7.3	248,216	85	0.5
FARM BUSINESS	NA	NA	187,889	65	0.3
FAMILY USE	NA	NA	24,540	8	0.0
NON-FARM USE	NA	NA	35,787	12	0.2
TOTAL TRACTORS	415	14.3	1,217,456	419	2.3
NEW TRACTORS	144	5.0	709,223	244	1.3
USED TRACTORS	270	9.3	508,238	175	0.9
OTHER MOTOR VEHICLES	120	4.1	115,299	40	0.2
FARM SHARE OF ABOVE EXPENDITURES (INCLUDING REGISTRATION & INSURANCE)	NA	NA	2,562,379	881	4.8
CARS	NA	NA	394,661	136	0.7
TRUCKS	NA	NA	914,827	315	1.7
TRACTORS	415	14.3	1,217,456	419	2.3
OTHER	NA	NA	35,435	11	0.1
FARM MACHINERY & IMPLEMENTS	1,318	45.3	2,389,299	821	4.5
TILLAGE	535	18.4	405,274	139	0.7
ONE-WAY MOLDBOARD PLOWS	150	5.1	83,362	29	0.2
NEW	40	1.4	49,472	17	0.1
USED	109	3.8	33,891	12	0.1

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1971 FARM PRODUCTION EXPENDITURE SURVEY
UNITED STATES

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
TWO-WAY MOLDBOARD PLOWS	23	0.8	9,546	3	0.0
NEW	3	0.1	4,382	2	0.0
USED	19	0.7	5,164	2	0.0
ONE-WAY DISK PLOWS	21	0.7	7,112	2	0.0
NEW	3	0.1	3,413	1	0.0
USED	18	0.6	3,700	1	0.0
REVERSIBLE DISK PLOWS	5	0.2	2,021	1	0.0
NEW	0	0.0	294	0	0.0
USED	5	0.2	1,726	1	0.0
DISK HARROWS, TANDEM, 4 GANG	122	4.2	84,177	29	0.2
NEW	38	1.3	53,423	18	0.1
USED	84	2.9	30,755	11	0.1
OFFSET DISK HARROWS	19	0.7	16,946	6	0.0
NEW	10	0.3	13,606	5	0.0
USED	9	0.3	3,340	1	0.0
SINGLE DISK HARROW	18	0.6	4,253	1	0.0
NEW	4	0.1	2,795	1	0.0
USED	14	0.5	1,457	1	0.0
FIELD CULTIVATORS	58	2.0	35,575	12	0.1
NEW	30	1.1	25,372	8	0.1
USED	28	0.9	10,203	4	0.0
CHISEL PLOWS, DEEP TILLAGE SWEEP	39	1.3	30,453	10	0.1
NEW	24	0.8	24,329	8	0.0
USED	14	0.5	6,124	2	0.0
SPIKE-TOOTH HARROWS	37	1.3	8,742	3	0.0
NEW	21	0.7	7,148	2	0.0
USED	16	0.6	1,594	1	0.0
SPRING-TOOTH HARROW	29	1.0	9,003	3	0.0
NEW	12	0.4	6,871	2	0.0
USED	17	0.6	2,133	1	0.0
TINE-TOOTH HARROWS	8	0.3	1,672	1	0.0
NEW	4	0.1	1,232	0	0.0
USED	4	0.1	439	0	0.0
ROTARY HOE	35	1.2	15,181	5	0.0
NEW	15	0.5	11,246	4	0.0
USED	20	0.7	3,935	1	0.0
ROW CROP CULTIVATOR	74	2.5	44,967	15	0.1
NEW	27	0.9	28,025	10	0.1
USED	47	1.6	16,942	6	0.0
ROLLER HARROWS & ROLLER PACKERS	19	0.7	10,383	4	0.0
NEW	6	0.2	6,579	2	0.0
USED	13	0.5	3,803	1	0.0
ALL OTHER TILLAGE EQUIPMENT	98	3.4	41,881	14	0.1

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
UNITED STATES

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
PLANTING AND FERTILIZING	319	11.0	244,117	84	0.5
PLAIN GRAIN DRILLS	41	1.4	22,229	8	0.0
NEW	14	0.5	15,012	5	0.0
USED	28	0.9	7,217	2	0.0
PRESS GRAIN DRILLS	12	0.4	15,697	5	0.0
NEW	5	0.2	11,416	4	0.0
USED	7	0.3	4,282	1	0.0
OTHER GRAIN DRILLS, MULCH HOE OR LISTERS	3	0.1	2,704	1	0.0
NEW	1	0.0	2,188	1	0.0
USED	2	0.1	516	0	0.0
LIME & FERTILIZER SPREADERS	18	0.6	5,315	2	0.0
NEW	10	0.3	3,749	1	0.0
USED	8	0.3	1,566	1	0.0
ROW CROP PLANTERS-CORN	93	3.2	75,444	26	0.1
NEW	40	1.4	52,843	18	0.1
USED	54	1.9	22,602	8	0.0
ROW CROP PLANTERS-COTTON	6	0.2	5,795	2	0.0
NEW	2	0.1	4,287	1	0.0
USED	4	0.1	1,508	1	0.0
ROW CROP PLANTERS-VEGETABLES AND OTHER ROW CROPS	10	0.3	3,016	1	0.0
NEW	5	0.2	2,181	1	0.0
USED	4	0.1	835	0	0.0
LISTERS & BEDDERS	8	0.3	6,514	2	0.0
NEW	3	0.1	3,462	1	0.0
USED	5	0.2	3,052	1	0.0
MANURE SPREADERS	53	1.8	38,546	13	0.1
NEW	25	0.8	30,162	10	0.1
USED	29	1.0	8,384	3	0.0
POWER SPRAYERS FOR LIQUID FERTILIZERS & PESTICIDES	81	2.8	42,669	15	0.1
NEW	57	2.0	34,712	12	0.1
USED	24	0.8	7,957	3	0.0
SELF-PROPELLED SPRAYERS & DUSTERS	3	0.1	4,557	2	0.0
NEW	1	0.0	3,502	1	0.0
USED	2	0.1	1,055	0	0.0
POWER DRIVEN DUSTERS, ROW CROP PLANTERS-POTATO & ALL OTHER PLANTING & SPREADING EQUIP	52	1.8	21,631	8	0.0

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
UNITED STATES

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
HARVESTING	268	9.2	997,034	342	1.8
COMBINES WITH GRAIN HEAD	91	3.1	486,832	168	0.9
NEW	27	0.9	315,493	108	0.6
USED	64	2.2	171,340	59	0.3
COMBINES WITH CORN HEAD	10	0.3	54,134	19	0.1
NEW	3	0.1	29,011	10	0.1
USED	7	0.2	25,123	9	0.0
COMBINE HEAD-GRAIN HEAD	7	0.3	15,365	5	0.0
NEW	3	0.1	10,876	4	0.0
USED	4	0.1	4,489	2	0.0
COMBINE HEAD-CORN HEAD	36	1.3	78,805	27	0.1
NEW	19	0.6	57,536	20	0.1
USED	18	0.6	21,269	7	0.0
WINDROWER OR SWATHER	32	1.1	85,735	29	0.2
NEW	16	0.5	66,500	23	0.1
USED	16	0.5	19,235	7	0.0
FORAGE HARVESTER WITH ROW CROP HEAD	31	1.1	68,111	23	0.1
NEW	14	0.5	52,775	18	0.1
USED	17	0.6	15,337	5	0.0
FORAGE HARVESTER WITH HAY PICKUP OR CUTTER BAR	13	0.5	21,943	8	0.0
NEW	8	0.3	18,171	6	0.0
USED	6	0.2	3,773	1	0.0
ATTACHMENTS FOR FORAGE HARVESTER	9	0.3	5,520	2	0.0
NEW	6	0.2	4,163	1	0.0
USED	3	0.1	1,357	0	0.0
CORN PICKER OR SNAPPER	47	1.6	41,340	14	0.1
NEW	7	0.2	19,276	7	0.0
USED	40	1.4	22,064	8	0.0
CORN PICKER-SHELLERS	9	0.3	12,358	4	0.0
NEW	2	0.1	5,422	2	0.0
USED	7	0.2	6,936	2	0.0
ALL OTHER HARVESTING EQUIPMENT	51	1.8	126,889	44	0.2
HAYING	255	8.8	269,572	92	0.5
MOWERS-CUTTER BAR TYPE	68	2.4	22,658	8	0.0
NEW	22	0.8	14,671	5	0.0
USED	46	1.6	7,987	3	0.0
MOWERS-OTHER	33	1.1	12,754	4	0.0
NEW	18	0.6	7,723	3	0.0
USED	15	0.5	5,032	2	0.0
SIDE DELIVERY RAKES	59	2.0	19,775	7	0.0
NEW	19	0.6	12,354	4	0.0
USED	40	1.4	7,421	3	0.0

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
UNITED STATES

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
HAY CONDITIONERS	23	0.8	27,608	9	0.1
NEW	9	0.3	20,900	7	0.0
USED	14	0.5	6,708	2	0.0
MOWER CONDITIONERS	15	0.5	31,581	11	0.1
NEW	11	0.4	27,720	10	0.1
USED	4	0.1	3,861	1	0.0
PICK-UP BALERS	72	2.5	104,929	36	0.2
NEW	32	1.1	78,692	27	0.1
USED	40	1.4	26,237	9	0.0
ALL OTHER HAYING MACHINES	45	1.5	50,265	17	0.1
POWER FARM SHOP EQUIPMENT	415	14.3	77,638	16	0.1
CHAIN POWER SAWS	177	6.1	29,552	10	0.1
HAND-TYPE CIRCULAR POWER SAWS	91	3.1	3,524	1	0.0
OTHER HAND-TYPE	37	1.3	1,493	1	0.0
OTHER POWER SAWS	43	1.5	4,948	2	0.0
HAND-TYPE ELECTRIC DRILL	135	4.6	3,972	2	0.0
DRILL PRESS	11	0.4	1,037	0	0.0
POWER GRINDERS	35	1.2	2,061	1	0.0
IMPACT WRENCHES-ELECTRIC OR AIR	21	0.7	1,905	1	0.0
AIR COMPRESSOR	58	2.0	7,831	3	0.0
ELECTRIC ARC WELDER	48	1.6	6,795	2	0.0
ACETYLENE WELDER	19	0.7	3,162	1	0.0
BATTERY CHARGERS	88	3.0	2,785	1	0.0
ALL OTHER POWER SHOP EQUIPMENT	64	2.2	8,575	3	0.0
OTHER FARM MACHINERY & IMPLEMENTS	489	16.8	395,664	132	0.7
POWER UNLOADING WAGONS	35	1.2	41,393	14	0.1
GRAVITY UNLOADING WAGONS	57	2.0	28,927	10	0.1
WAGONS, CHASSIS ONLY	70	2.4	17,420	6	0.0
WAGON BOXES, RACKS, BEDS	78	2.7	25,290	9	0.0
CORN SHELLERS	4	0.1	1,710	1	0.0
HAMMER MILLS	9	0.3	2,961	1	0.0
FEED GRINDERS & CRUSHERS	11	0.4	11,690	4	0.0
FEED MIXERS	4	0.1	8,102	3	0.0
COMBINATION FEED MIXERS & GRINDERS	17	0.6	28,999	10	0.1
CROP DRYERS	14	0.5	37,653	13	0.1
FORAGE & GRAIN BLOWERS	9	0.3	4,784	2	0.0
FARM ELEVATORS-CHAIN TYPE	60	2.1	18,987	7	0.0
FARM ELEVATORS-AUGER TYPE	54	1.9	20,989	7	0.0
TRACTOR MOUNTED LOADERS	41	1.4	29,180	10	0.1
POSTHOLE DIGGERS	31	1.1	5,668	2	0.0
SILO UNLOADERS	13	0.5	23,434	8	0.0
MECHANICAL BARN CLEANERS	7	0.2	9,817	4	0.0
ELECTRIC MOTORS NOT REPORTED ELSEWHERE	65	2.2	9,875	4	0.0
INTERNAL COMBUSTION ENGINES NOT REPORTED ELSEWHERE	12	0.4	6,090	2	0.0
ALL OTHER MACHINERY & EQUIPMENT	117	4.0	62,698	22	0.1
MACHINE HIRE & CUSTOM WORK	1,405	48.3	901,879	310	1.7
SEED BED PREPARATION	215	7.4	47,828	16	0.1
STALK SHREDDING	16	0.6	1,662	1	0.0
PLOWING	129	4.4	22,939	8	0.0
DISKING	107	3.7	13,094	5	0.0
SEED BED FINISHING WITH HARROWS	31	1.1	5,906	2	0.0
OTHER TILLAGE OPERATIONS	19	0.6	4,228	1	0.0

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
UNITED STATES

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
PLANTING OR SEEDING	138	4.8	19,432	7	0.0
CROP CULTIVATION	56	2.0	11,246	4	0.0
CROP HARVESTING	1,065	36.6	658,846	227	1.2
MOWING, CRUSHING OR CONDITIONING	77	2.6	11,938	4	0.0
WINDROWING, SWATHING OR RAKING	103	3.5	19,943	7	0.0
BALING HAY, STRAW & OTHER FORAGE	425	14.6	130,637	45	0.2
FIELD CHOPPING	20	0.7	9,581	3	0.0
SILAGE MAKING	79	2.7	29,603	10	0.1
COMBINING	476	16.3	234,302	81	0.4
CORN HARVESTED USING COMBINE	185	6.3	85,547	29	0.2
CORN HARVESTED USING CORN PICKER	151	5.2	30,063	10	0.1
THRESHING	23	0.8	7,313	3	0.0
MECHANICAL COTTON PICKING OR STRIPPING	35	1.2	38,148	13	0.1
OTHER HARVESTING	18	0.6	61,770	21	0.1
OTHER MACHINE HIRE & CUSTOM WORK	568	19.5	164,523	57	0.3
FEED GRINDING & MIXING	240	8.3	48,907	17	0.1
CORN SHELLING	87	3.0	13,465	5	0.0
MANURE HAULING & SPREADING	26	0.9	6,459	2	0.0
FERTILIZING	101	3.5	10,812	4	0.0
ALL OTHER MACHINE & CUSTOM HIRED WORK	237	9.1	84,880	29	0.2
PORTION OF TOTAL EXPENSE FOR MACHINE RENTAL OR LEASING	132	4.6	46,343	16	0.1
PETROLEUM PRODUCTS-FARM USE	2,539	87.3	2,115,662	727	3.9
TOTAL EXPENSE GASOLINE-FARM USE	2,525	86.8	1,443,337	496	2.7
TOTAL GAS FARM USE	1,746	60.0	218,139	75	0.4
TOTAL TRUCK GAS FARM USE	2,016	69.3	507,247	174	0.9
TOTAL TRACTOR GAS ALL FARM USE	1,905	65.5	629,305	216	1.2
TOTAL OTHER ENGINE GAS-FARM USE	529	19.2	88,653	30	0.2
TOTAL EXPENSE GASOLINE-FAMILY USE	2,459	84.5	618,144	213	1.1
TOTAL AUTO GAS	2,255	77.5	535,818	184	1.0
TOTAL TRUCK GAS	737	25.3	82,326	28	0.2
COST DIESEL FUEL MOTOR PURPOSES	NA	NA	345,880	119	0.7
DIESEL FUEL FARM USE	786	27.0	303,083	104	0.6
DIESEL-KEROSENE ALL FARM	140	4.8	42,797	15	0.1
OTHER FUEL	NA	NA	177,372	61	0.3
TOTAL COST MOTOR OIL	2,403	82.6	114,187	39	0.2
COST MOTOR OIL AT SERVICE STATION	1,301	44.7	23,147	8	0.0
COST MOTOR OIL IN BULK OR CANS	1,595	54.9	91,040	31	0.2
TOTAL COST MOTOR OIL-FAMILY USE	2,337	80.3	34,017	12	0.1
TOTAL COST GREASE	1,507	51.8	34,888	12	0.1
COST GREASE IN CAN OR PAIL	881	30.3	20,587	7	0.0
COST GREASE IN CARTRIDGE	1,595	54.9	14,302	31	0.2

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
UNITED STATES

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
OTHER OPERATING EXPENSES FOR MOTOR VEHICLES & FARM MACHINERY	2,460	84.6	1,617,063	556	3.0
NEW TIRES, INCLUDING TUBES	1,748	60.1	260,655	90	0.5
USED & RECAPPED TIRES	725	24.9	30,571	11	0.1
TIRE CHAINS	88	3.0	3,413	1	0.0
TOTAL ANTIFREEZE, FARM SHARE	2,051	70.5	21,147	7	0.0
PERMANENT ANTI-FREEZE	2,024	69.6	20,772	7	0.0
ALCOHOL ANTI-FREEZE	42	1.4	376	0	0.0
TOTAL ALL BATTERIES, FARM SHARE	1,439	49.5	62,482	21	0.1
12-VOLT BATTERIES-	1,202	41.3	49,485	17	0.1
6-VOLT BATTERIES	454	15.6	12,996	4	0.0
SPARK PLUGS	1,573	54.1	22,951	8	0.0
TOTAL OIL FILTERS	1,955	67.2	43,848	15	0.1
SPIN-ON OIL FILTERS	1,771	60.9	33,069	11	0.1
REPLACEABLE ELEMENT OIL FILTERS	610	21.0	10,779	4	0.0
AIR FILTERS	723	24.9	9,111	3	0.0
LUBRICATION JOBS	1,465	50.4	14,990	5	0.0
BRAKE RELININGS	452	15.6	18,295	6	0.0
MUFFLERS, EXHAUST PIPES, & TAIL PIPES	890	30.6	20,165	7	0.0
TOTAL ENGINE OVERHAUL	576	19.8	243,869	84	0.4
TOTAL ALL OTHER REPAIRS	1,633	56.1	865,574	298	1.6
TOTAL HAND TOOL SUPPLIES & EQUIP	1,746	60.0	258,247	83	0.5
HAND DUSTERS	21	0.7	264	0	0.0
HAND SPRAYERS	164	5.6	2,334	1	0.0
HOES GARDEN-WEEDING	244	8.4	2,266	1	0.0
OTHER HAND WEEDING TOOLS	55	1.9	428	0	0.0
PRUNING EQUIPMENT	55	1.9	1,077	0	0.0
FORKS	267	9.2	3,051	1	0.0
SPADES	87	3.0	931	0	0.0
SHOVELS	282	9.7	3,070	1	0.0
GRAIN SCOOPS	232	8.0	3,281	1	0.0
OTHER HAND RAKES, FORKS, SHOVELS SCOOPS	115	3.9	1,070	0	0.0
HAND FENCING TOOLS	162	5.6	3,328	1	0.0
AXES, PICKS & MATTOCKS	162	5.6	1,283	0	0.0
HAMMERS	277	9.5	2,346	1	0.0
HANDSAWS	108	3.7	984	0	0.0
HANDLES FOR HANDTOOLS	348	12.0	2,524	1	0.0
PAINT BRUSHES, PAINT ROLLERS, SCRAPERS, ETC	281	9.6	2,801	1	0.0
WRENCHES & PLIERS	707	24.3	29,638	10	0.1
GREASE GUNS & OIL CANS	312	10.7	3,638	1	0.0
FUEL BARRELS, TANKS & PUMPS	103	3.5	8,174	3	0.0
FIRE EXTINGUISHERS	108	3.7	4,184	1	0.0
JACKS & HOISTS	176	6.0	6,988	2	0.0
LADDERS FOR FARM USE	139	4.8	4,367	2	0.0
FIELD BOXES, CRATES & BAGS	16	0.6	5,117	2	0.0
BALING WIRE	62	2.1	20,230	7	0.0

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
UNITED STATES

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
BALING TWINE, SISAL & HEMP	543	18.7	48,594	17	0.1
BALING TWINE, SYNTHETIC OR PLASTIC	70	2.4	6,423	2	0.0
BINDER TWINE	63	2.2	4,545	2	0.0
OTHER TWINE, BALL, SPOOL & ETC	59	2.0	3,269	1	0.0
TOTAL ROPE	170	5.9	2,275	1	0.0
ROPE-MANILA	136	4.7	1,598	1	0.0
ROPE-SYNTHETIC	40	1.4	677	0	0.0
STEEL CABLE	44	1.5	1,867	1	0.0
STEEL CHAIN	119	4.1	3,598	1	0.0
POLYETHYLENE FILM	228	7.8	7,425	3	0.0
ALL OTHER EQUIPMENT	346	11.9	66,877	23	0.1
FENCING EXPENSES	NA	NA	328,140	113	0.6
FENCING MATERIALS	1,493	51.3	274,424	94	0.5
2 POINT BARBED WIRE	349	12.0	21,076	7	0.0
4 POINT BARBED WIRE	459	15.8	27,230	9	0.0
FIELD & STOCK FENCE	260	8.9	36,059	12	0.1
POULTRY NETTING & FENCING	41	1.4	1,443	0	0.0
STEEL FENCE POST	452	15.5	43,165	15	0.1
WOOD FENCE POST	457	15.7	50,397	17	0.1
CONCRETE FENCE POST	9	0.3	932	0	0.0
FENCE STAPLES, FASTENERS	781	26.9	5,794	2	0.0
WOOD GATES	59	2.0	3,726	1	0.0
METAL GATES	178	6.1	13,091	5	0.0
BRACES, ANCHORS & WIRE	98	3.0	2,162	1	0.0
ELECTRIC FENCE CHARGERS	233	8.0	8,410	3	0.0
ELECTRIC FENCE INSULATORS	376	12.9	7,237	2	0.0
BOARDS & OTHER LUMBER FOR FENCES AND GATES	244	8.4	28,272	10	0.1
OTHER FENCING MATERIALS	220	7.6	25,432	9	0.0
FENCING CONSTRUCTION COSTS	147	5.1	28,377	10	0.1
CONTRACT CONSTRUCTION OF FENCES	19	0.7	9,556	3	0.0
LABOR HIRED ESPECIALLY FOR BUILDING FENCES	127	4.4	18,396	3	0.0
EQUIPMENT RENTED FOR BUILDING FENCES	7	0.2	425	0	0.0
TOTAL OTHER FENCING LANDLORD	174	6.0	25,339	9	0.0
CONSTRUCTION EXPENDITURES-BLDG & IRR	NA	NA	1,110,584	382	2.1
CONSTRUCTION-OP ONLY	373	12.6	993,036	341	1.9
TOTAL MATERIALS-ALL BUILDING	329	11.3	380,667	131	0.7
TOTAL LABOR SERVICES-ALL BUILDINGS	123	4.2	70,115	24	0.1
TOTAL EXPENSES UNITEMIZED-ALL BUILDINGS	133	4.6	542,254	186	1.0
CONSTRUCTION-LL ONLY	26	0.9	117,548	40	0.2
FARM MAINTENANCE-BUILDING & PROPERTY	NA	NA	263,254	90	0.5
TOTAL MAINTENANCE EXPENSES-FARM BUILDINGS	991	34.1	217,834	75	0.4
MAINTENANCE-LL ONLY	119	4.1	45,420	16	0.1

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1971 FARM PRODUCTION EXPENDITURE SURVEY
UNITED STATES

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
FARM IMPROVEMENTS	NA	NA	897,150	308	1.7
IMPROVEMENTS-OPERATOR ONLY	1,138	39.1	806,227	277	1.5
TRENCH SILOS	13	0.4	6,831	2	0.0
LAND CLEARED	121	4.2	98,323	34	0.2
TOTAL FIELD & DRAINAGE PIPE	45	1.5	22,511	8	0.0
PLASTIC DRAINAGE PIPE	21	0.7	9,498	3	0.0
CLAY DRAINAGE PIPE	12	0.4	5,705	2	0.0
CONCRETE DRAINAGE PIPE	12	0.4	7,308	3	0.0
TOTAL OTHER IMPROVEMENTS	1,053	36.2	655,820	225	1.2
ROADS OR LANES	347	11.9	53,055	18	0.1
IMPROVED FEEDING LOTS OR FEEDING FLOORS	81	2.8	41,335	14	0.1
LAGOONS OR HOLDING PONDS FOR WASTE DISPOSAL OR POLLUTION CONTROL	14	0.5	9,583	3	0.0
DRAINAGE DITCHES	71	2.4	29,686	10	0.1
DRAINAGE TILE LINES	52	1.8	33,871	12	0.1
LEVEES OR DIKES	11	0.4	4,641	2	0.0
OTHER DRAINAGE OR FLOOD CONTROL FACILITIES	23	0.8	10,635	4	0.0
TERRACES	23	0.8	9,902	3	0.0
OTHER SOIL CONSERVATION WORK EXCEPT SEED & FERTILIZER	45	1.5	27,340	9	0.1
IRRIGATION FACILITIES:	137	4.7	264,228	91	0.5
PUMPS INCLUDING MOTORS	54	1.9	67,748	23	0.1
PIPE, SPRINKLERS & FITTINGS	54	1.9	73,178	25	0.0
WELLS, EXCLUDE PUMPS	12	0.4	19,686	7	0.0
PERMANENT DITCHES, FLUMES, ETC	14	0.5	8,886	3	0.0
DAMS OR PONDS	17	0.6	9,620	3	0.0
LAND LEVELING	16	0.5	26,882	9	0.0
OTHER IRRIGATION FACILITIES	33	0.1	24,718	8	0.0
TOTAL UNITEMIZED IRRIGATION	11	0.4	33,511	12	0.1
NON-IRRIGATION WATER FACILITIES	636	21.9	171,542	59	0.3
PUMPS	347	11.9	49,681	17	0.1
WELLS, EXCLUDING PUMPS	118	4.0	42,387	15	0.1
PERMANENT TANKS & CISTERNS	19	0.7	3,667	1	0.0
WATER LINES	126	4.3	16,652	6	0.0
PONDS OR DAMS	65	2.2	27,958	10	0.1
WINDMILLS	30	1.0	4,286	1	0.0
WATER SYSTEMS COMPLETE	40	1.4	20,425	7	0.0
OTHER WATER FACILITIES	54	1.9	6,487	2	0.0
DYNAMITE OR OTHER EXPLOSIVES & ALL OTHER IMPROVEMENTS	59	2.0	22,742	8	0.0
IMPROVEMENTS-LANDLORD ONLY	139	4.8	90,923	31	0.2
TOTAL IRRIGATION FEES	112	35.2	97,360	33	0.2
OPERATOR	102	3.5	84,782	29	0.2
LANDLORD	26	0.9	12,578	4	0.0

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
UNITED STATES

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
TOTAL COST OF BUILDING MATERIALS BOUGHT	1,581	54.3	406,252	140	0.7
NAILS, SPIKES, ETC	1,236	42.5	15,233	5	0.0
TOTAL PAINT	441	15.2	29,609	10	0.1
PORTLAND CEMENT	187	6.4	7,414	3	0.0
SAND GRAVEL & ROCKS	212	7.3	14,585	5	0.0
READY MIXED CONCRETE	142	4.9	60,068	21	0.1
TOTAL BUILDING BLOCKS	64	2.2	16,153	6	0.0
TOTAL BRICKS	4	0.1	541	0	0.0
TOTAL ROOFING & SIDING	282	9.7	86,090	30	0.2
GALVANIZED STEEL ROOFING	159	5.5	33,187	11	0.1
ALUMINUM ROOFING	21	0.7	28,492	10	0.1
ASPHALT SHINGLES & MINERAL SURFACE	55	1.9	8,199	3	0.0
WOOD DROP & BEVEL SIDING	18	0.6	2,269	0	0.0
ALUMINUM SIDING	8	0.3	7,057	2	0.0
HARD BOARD SIDING, INCLUDE PRIM ALL OTHER ROOFING, SIDING & & SHAKES	8	0.3	908	0	0.0
	43	1.4	5,880	2	0.2
COMPOSITION ROLL ROOFING	89	3.1	3,253	1	0.0
PLYWOOD	NA	NA	13,543	17	0.0
INSULATION BOARD	15	1.7	2,072	3	0.0
HARDBOARD & OTHER	NA	NA	3,039	5	0.0
TOTAL PIPE	131	4.5	20,893	7	0.0
COPPER PIPE	17	1.8	803	2	0.0
IRON PIPE	52	5.8	11,508	10	0.0
PLASTIC PIPE	92	9.3	8,583	12	0.0
FRAMING AND DIMENSION LUMBER	125	4.3	28,876	10	0.1
ROUGH & PLAIN DRESSED BOARDS	249	8.6	37,921	13	0.1
TOTAL FLOORING	7	0.3	738	0	0.0
OTHER TONGUE AND GROOVE BOARDS	17	0.6	2,293	1	0.0
TOTAL WINDOW UNITS	51	5.0	2,887	3	0.0
TOTAL ELECTRICAL WIRE	252	8.6	19,841	16	0.0
OTHER ELECTRICAL MATERIALS	247	8.5	12,634	4	0.0
GUTTERING, FLASHING, DOWNSPOUT	34	1.2	1,857	1	0.0
OTHER HARDWARE	179	6.2	3,944	1	0.0
GYPSUM BOARD & OTHER BUILDING MATERIALS	116	3.9	22,767	8	0.0
CUSTOM SAWING DONE ON FARM	61	2.1	5,377	2	0.0
TOTAL LABOR HIRED PERQUISITES	1,504	58.7	4,365,903	150	8.0
TOTAL CASH WAGES PAID HIRED LABOR	1,457	50.1	3,615,311	1,242	6.6
TOTAL PERQUISITES FURNISHED	510	17.5	332,436	114	0.6
CASH VALUE OF BOARD FURNISHED HIRED LABOR	344	11.8	89,921	31	0.2
CASH VALUE OF HOUSING OR OTHER LODGING FURNISHED HIRED LABOR	167	5.8	137,634	47	0.
CASH VALUE OF FUEL, TRANSPORT- ATION, PHONE, ELECTRICTY AND OTHER SERVICES FOR HIRED LABOR	127	4.4	46,419	16	0.1
FOOD, MEAT, MILK & VEGETABLES FOR HIRED LABOR	87	3.0	25,380	9	0.0
ALL OTHER ITEMS FOR HIRED LABOR	47	1.6	33,081	11	0.0
CONTRACT LABOR EXPENSE	136	4.7	418,156	144	0.8

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
UNITED STATES

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
FARM BUSINESS EXPENSES:	2,304	79.2	1,275,491	439	2.3
FARM RECORD KEEPING EXPENSE	181	6.7	64,995	22	0.1
PREPARATION OF INCOME TAX RETURNS	1,778	61.1	70,794	24	0.1
POSTAGE TELEGRAMS, TELETYPE, ETC FOR FARM BUSINESS EXPENSES	800	27.5	17,891	6	0.0
TELEPHONE, FARM BUSINESS EXPENSES	1,736	59.7	179,150	62	0.3
ELECTRICITY, FARM BUSINESS	1,846	63.5	526,691	181	1.0
SOIL TESTING EXPENSES	148	5.1	3,563	1	0.0
SEED CERTIFICATION EXPENSES	17	0.6	2,107	1	0.0
OTHER FARM MANAGEMENT SERVICES	26	0.9	12,096	4	0.0
NOTARY PUBLIC FEES, ATTORNEY OR OTHER LEGAL FEES FOR THE FARM	273	9.4	41,600	14	0.1
BUYING OR SELLING FARM REAL ESTATE	57	2.0	54,777	18	0.1
CATALOGUES, SALE BILLS OR OTHER ADVERTISEMENTS FOR THE FARM	124	4.3	19,961	7	0.0
FEES TO MILK MARKETING OR OTHER ASSOCIATIONS OR TO STATES FOR PROMOTION, ADVERTISING AND OTHER PURPOSES	176	6.0	43,476	15	0.1
LICENSE FEES FOR FARM BUSINESS	101	3.5	3,130	1	0.0
DUES TO FARM ORGANIZATIONS, UNIONS, ETC	916	31.5	33,360	11	0.1
EXPENSES WHILE TRAVELING ON FARM BUSINESS EXCLUDING GASOLINE	324	11.1	53,567	18	0.1
TECHNICAL BOOKS, PERIODICALS BULLETINS, ETC FOR FARM BUSINESS	724	24.9	17,811	6	0.0
LOSSES SUCH AS PAYMENTS ON FARM PROPERTY REPOSSESSED BY OTHERS, FORFEITED DOWN PAYMENTS ON FARM PROPERTY, ETC.	12	0.4	11,156	4	0.0
TWO-WAY RADIO EQUIPMENT AND OPERATING EXPENSES	30	1.0	5,904	2	0.0
DAMAGES PAID TO OTHERS NOT COVERED BY INSURANCE FOR LOSS OR INJURY CONNECTED WITH YOUR FARM OPERATION	16	0.6	1,927	1	0.0
ALL OTHER FARM BUSINESS EXPENSES	200	6.9	111,536	38	0.2
EXPENSE FOR INSURANCE, TAXES AND INTEREST-OPERATOR FARM SHARE	NA	NA	4,796,798	1,649	8.8
INSURANCE PREMIUMS FOR: HAIL AND OTHER INSURANCE ON GROWING CROPS	479	16.5	160,905	55	0.2
HOW MUCH WAS FEDERAL CROP INSURANCE	154	5.3	43,853	15	0.1
TOTAL FIRE WIND EXTENDED COVERAGE FIRE, WIND AND EXTENDED COVERAGE PROPERTY INSURANCE	1,972	67.8	441,446	152	0.8
HOW MUCH WAS INSURANCE ON YOUR DWELLING AND CONTENTS	1,631	56.1	142,878	49	0.3
	1,580	54.3	298,567	103	0.5

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
UNITED STATES

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
EMPLOYER COMPENSATION INSURANCE	181	6.2	76,814	26	0.1
OTHER LIABILITY INSURANCE	615	21.2	54,788	19	0.1
LANDLORD CROP INSURANCE	173	6.0	24,721	8	0.1
LANDLORD FEDERAL CROP INSURANCE	2,643	90.9	2,643	1	0.0
TOTAL CROP INSURANCE OPERATOR AND LANDLORD	551	18.9	185,626	64	0.3
TOTAL FEDERAL CROP INSURANCE OPERATOR AND LANDLORD	2,643	90.9	46,496	16	0.1
TOTAL INSURANCE FARM OPERATOR	1,771	60.9	591,074	203	1.1
TOTAL INSURANCE FARM OPERATOR AND LANDLORD	1,800	61.9	615,795	212	1.0
TOTAL PROPERTY TAX	2,463	84.7	1,708,255	587	3.1
PERSONAL PROPERTY TAX	593	20.4	33,118	11	0.1
TOTAL FARM TAX	2,454	84.4	1,675,137	576	3.1
TOTAL FARM INTEREST	1,408	48.4	2,530,585	870	4.6
INTEREST ON FARM REAL ESTATE DEBT	990	34.0	1,561,588	537	2.9
INTEREST ON OTHER OPERATING LOANS	913	31.4	968,999	333	1.8
LANDLORD FARM SHARE FOR ABOVE EXPENSES	NA	NA	1,062,545	365	2.0

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
NORTH REGION

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
TOTAL FARM EXPENDITURES	NA	NA	29,297,959	21,484	100.0
LIVESTOCK AND POULTRY EXPENDITURES	NA	NA	11,150,940	8,177	38.1
LIVESTOCK AND POULTRY PURCHASES	679	49.8	5,966,625	4,376	20.4
CATTLE AND CALVES	475	34.9	5,441,315	3,990	18.6
DAIRY CATTLE AND CALVES	150	11.0	516,610	379	1.7
BEEF CATTLE AND CALVES	193	14.2	2,395,922	1,757	7.9
STOCKER & FEEDER CATTLE & CALVES	179	13.1	2,528,783	1,854	8.4
HOGS AND PIGS	298	21.8	337,364	247	1.2
BREEDER HOGS	175	12.8	70,622	52	0.2
FEEDER HOGS AND PIGS	149	10.9	266,742	196	0.9
SHEEPS AND LAMBS	40	3.0	35,525	26	0.1
FEEDER LAMBS	10	0.7	6,741	5	0.0
SHEEP AND OTHER LAMBS	34	2.5	28,784	21	0.1
POULTRY	121	8.8	121,254	89	0.4
BROILER CHICKS	37	2.7	8,514	6	0.0
EGG TYPE CHICKS & STARTED PULLETS	NA	NA	72,469	53	0.2
EGG TYPE CHICKS	56	4.1	37,169	27	0.1
STARTED PULLETS	35	2.5	35,300	26	0.1
TURKEYS (INCLUDING POULTS)	4	0.3	40,272	30	0.1
OTHER LIVESTOCK AND POULTRY	38	2.8	31,168	23	0.1
OTHER LIVESTOCK AND POULTRY SERVICES	832	61.0	346,117	254	1.2
VETERINARIAN SERVICES	691	50.7	127,467	93	0.4
SERUMS VACCINES TONICS & MEDICINES	473	34.7	74,600	55	0.2
ARTIFICIAL INSEMINATION	208	15.2	43,896	32	0.1
OTHER BREEDING FEES	46	3.4	6,208	5	0.0
LIVESTOCK PASTURING FEES	53	3.9	59,133	43	0.2
PAID TO FEDERAL AGENCIES	4	0.3	2,427	2	0.0
PAID TO OTHER FARMERS	44	3.3	29,931	22	0.1
PAID TO OTHERS	6	0.5	26,774	20	0.1
COW TESTING SERVICES	49	3.6	13,319	10	0.0
SHEARING SHEEPS OR GOATS	51	3.7	2,711	2	0.0
CULL CAPONIZE AND VACCINATE POULTRY	3	0.2	324	0	0.0
REGISTRATION OF LIVESTOCK AND POULTRY	57	4.2	5,125	4	0.0
OTHER SERVICES AND EXPENSES	85	6.3	13,336	10	0.0
FEED EXPENDITURES	NA	NA	4,482,274	3,287	16.0
GRAINS	388	28.4	1,326,363	973	4.5
CORN	315	23.1	1,228,887	901	4.1
OATS	139	10.2	49,719	36	0.2
BARLEY	9	0.7	6,038	4	0.0
SORGHUM GRAINS	25	1.8	24,265	18	0.1
WHEAT	9	0.6	9,049	7	0.0
OTHER GRAINS	9	0.6	8,404	6	0.0

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
NORTH REGION

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
ROUGHAGE (INCLUDING ALFALFA MEAL)	295	21.7	249,425	183	0.8
ALFALFA HAY & ALFALFA MIXTURES	144	12.0	167,890	123	0.6
OTHER HAY	140	10.3	59,940	44	0.2
SILAGE	13	0.9	12,859	9	0.0
ALFALFA MEAL OR PELLETS	14	1.0	8,736	6	0.0
POULTRY FEED	189	13.9	331,615	243	1.1
LAYING FEED	138	10.1	223,334	164	0.7
OYSTER SHELL	99	7.2	2,503	2	0.0
CHICK STARTER	52	3.8	33,806	25	0.1
PULLET GROWER	20	1.5	10,803	8	0.0
BROILER FEEDS	23	1.7	26,600	20	0.1
STARTER	15	1.1	9,750	7	0.0
GROWER	14	1.1	2,518	2	0.0
FINISHER	6	0.5	14,331	11	0.0
TURKEY FEEDS	4	0.3	34,568	25	0.1
STARTER	3	0.2	2,274	2	0.0
GROWER	3	0.2	32,294	24	0.1
MIXED FEEDS AND SUPPLEMENTS	NA	NA	2,175,311	1,596	7.2
DAIRY FEED	240	17.6	693,471	509	2.3
TOTAL HOG, SHEEP & BEEF FEEDS	NA	NA	1,481,840	1,087	4.9
HOG FEED	356	26.1	902,994	662	3.0
BEEF CATTLE FEED	276	20.2	379,235	278	1.3
SHEEP FEED	26	1.9	7,877	6	0.0
OTHER MIXED FEED	47	3.5	191,734	141	0.6
TOTAL PROTEIN FEEDS (EXCLUDING ALFALFA MEAL)	141	11.5	101,779	74	0.4
SOYBEAN MEAL	93	6.8	75,518	55	0.3
COTTONSEED MEAL	11	0.8	4,229	3	0.0
TOTAL ALL OTHER PROTEIN FEED	NA	NA	22,032	16	0.1
TANKAGE	7	0.5	279	0	0.0
UREA	6	0.5	1,968	1	0.0
MEAT SCRAP	14	1.0	2,496	2	0.0
LIQUID PROTEIN SUPPLEMENT	27	1.9	17,289	13	0.1
TOTAL GRAIN BY-PRODUCTS	7	0.5	1,820	1	0.0
CORN MEAL FOR FEED	3	0.2	581	0	0.0
TOTAL OTHER FEEDS	720	52.8	295,380	217	1.0
DRIED BEET PULP	9	0.7	50,332	37	0.2
DRIED CITRUS PULP	3	0.2	1,367	1	0.0
DRY MOLASSES	58	4.3	10,253	8	0.0
LIQUID MOLASSES	77	5.7	16,371	12	0.1
STOCK SALT	591	43.3	22,293	16	0.1
MILK REPLACER	137	10.1	24,265	18	0.1
MINERALS VITAMINS ANTIBIOTICS ETC	340	24.9	76,518	56	0.3
OTHER FEEDS NOT SPECIFIED	114	8.3	93,981	69	0.3

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
NORTH REGION

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
LIVESTOCK AND POULTRY EQUIPMENT	598	43.9	326,197	239	1.1
DAIRY EQUIPMENT	261	18.1	176,729	130	0.6
MILKING SYSTEMS COMPLETE	16	1.2	42,263	31	0.1
MILKER VACUUM PUMP	17	1.3	4,694	3	0.0
MILKER UNITS	12	0.9	4,499	3	0.0
MILK COOLERS	25	1.8	43,325	32	0.1
STANCHIONS OR MILKING STALLS	19	1.4	11,300	8	0.0
BULK FEED STORAGE EQUIPMENT	8	0.6	8,624	6	0.0
DAIRY CONTAINERS	3	0.2	1,184	1	0.0
MILK PAIL STRAINERS FILTERS ETC	204	15.0	9,131	7	0.0
WATER HEATERS, SINKS AND OTHER					
MILK PARLOR EQUIPMENT	22	1.6	2,761	2	0.0
DAIRY CLEANING SUPPLIES	206	15.1	24,126	18	0.1
FEED CARTS, OTHER DAIRY MACHINES AND EQUIPMENT	63	4.6	9,244	7	0.0
MAINTENANCE & REPAIR OF DAIRY EQUIPMENT	118	8.7	15,577	11	0.1
POULTRY EQUIPMENT	52	3.8	49,404	36	0.2
INCUBATORS AND CHICK BROODERS	3	0.2	1,334	1	0.0
FEEDERS AND WATERS	25	1.8	1,576	1	0.0
MECHANICAL FEEDERS	3	0.2	6,126	4	0.0
BULK FEED STORAGE EQUIPMENT	1	0.1	1,717	1	0.0
CAGES AND NESTS	7	0.5	7,998	6	0.0
EGG GRADERS AND WASHERS	1	0.1	36	0	0.0
EGG CASES	1	0.1	400	0	0.0
REFRIGERATED COOLING EQUIPMENT	1	0.1	128	0	0.0
CLEANING SUPPLIES	8	0.6	1,322	1	0.0
OTHER POULTRY EQUIPMENT AND SUPPLIES	9	0.7	4,064	3	0.0
EGG CARTONS, MAINTENANCE, & REPAIR OF POULTRY EQUIPMENT	37	2.6	24,703	18	0.1
OTHER LIVESTOCK EQUIPMENT	421	30.9	100,064	73	0.3
FARROWING CRATES OR STALLS	16	1.2	8,024	6	0.0
HOG TROUGHS AND WATERS	118	8.6	10,969	8	0.0
HOG SELF FEEDERS	94	6.9	16,568	12	0.1
CATTLE SELF FEEDERS (EXCL DAIRY)	27	2.0	5,784	4	0.0
FEED BUNKS, SHEEP & LAMB FEEDER	56	4.2	9,543	7	0.0
BULK FEED STORAGE EQUIPMENT	10	0.7	6,881	5	0.0
STOCK WATER TANK (MOVEABLE)	93	6.9	6,270	5	0.0
STOCK WATER TANK HEATER	56	4.1	3,234	2	0.0
BEE EQUIPMENT AND SUPPLIES	2	0.1	204	0	0.0
COLLARS HARNESSSES BRIDLES ETC	36	2.6	7,656	6	0.0
OTHER EQUIPMENT	153	11.2	17,056	13	0.1
MAINTENANCE & REPAIR OTHER EQUIP	103	7.6	7,745	6	0.0
SACKS FOR WOOL, MOHAIR & OTHER					
LIVESTOCK MARKET CONTAINERS	NA	NA	130	0	0.0
PESTICIDES FOR LIVESTOCK & POULTRY	562	48.5	29,724	22	0.1

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
NORTH REGION

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
SEED & CROP EXPENDITURES	NA	NA	3,146,864	2,308	10.7
SEEDS, TREES, & SHRUB PURCHASES	993	72.9	757,125	555	2.6
TOTAL FIELD CROP SEEDS	922	67.6	576,450	423	1.9
HYBRID CORN	764	56.1	369,648	271	1.2
SEED WHEAT	221	16.2	41,295	30	0.1
SEED OATS	286	20.9	23,755	17	0.1
SEED BARLEY	40	2.9	7,567	6	0.0
SEED RYE	30	2.2	2,600	2	0.0
SEED SORGHUM GRAIN	101	7.4	15,162	11	0.1
SEED SOYBEAN	284	20.8	71,467	52	0.2
SEED DRYBEAN	14	1.1	6,541	5	0.0
TOTAL SEED IRISH POTATOES	13	0.9	26,710	20	0.1
SEED COTTON SEED	5	0.3	2,590	2	0.0
SEED PEANUTS	0	0.0	0	0	0.0
SEED RICE	0	0.0	155	0	0.0
FLAXSEED	13	1.0	2,132	2	0.0
OTHER FIELD CROP SEED	28	2.1	6,194	5	0.0
TOBACCO SEED & PLANTS	22	1.6	633	0	0.0
SEED TOBACCO	21	1.6	612	0	0.0
PLANT TOBACCO	1	0.1	21	0	0.0
TOTAL PASTURE-CLOVER SEEDS	626	45.9	111,212	82	0.4
ALFALFA SEED	307	22.5	40,970	30	0.1
ALFALFA SEED CERTIFIED	242	17.8	32,655	24	0.1
ALFALFA SEED NON-CERTIFIED	71	5.2	8,315	6	0.0
GRASS & HAY SEED EXCL ALFALFA	NA	NA	37,964	28	0.1
RED CLOVER SEED	165	12.1	11,898	9	0.0
SWEET CLOVER	51	3.8	2,816	2	0.0
LADINO & WHITE CLOVER SEED	19	1.4	350	0	0.0
TOTAL LESPEDEZA SEED	9	0.7	302	0	0.0
TIMOTHY SEED	123	9.0	2,960	2	0.0
TOTAL RYE GRASS SEED	10	0.7	805	1	0.0
RYE GRASS SEED-ANNUAL	8	0.6	751	1	0.0
RYE GRASS SEED-PERENNIAL	2	0.1	54	0	0.0
TOTAL FESCUE SEED	35	2.6	2,308	2	0.0
SUDAN GRASS-HYBRIDS & OPEN POLL	26	1.9	1,780	1	0.0
SUDAN GRASS-SORGHUM CROSSES	32	2.4	2,134	2	0.0
OTHER SUDAN GRASS & CROSSES	11	0.8	500	0	0.0
OTHER HAY-PASTURE GRASSES	134	9.8	9,808	7	0.0
OTHER COVER CROP	22	1.6	2,303	2	0.0
TREES & SHRUBS	NA	NA	21,077	15	0.1
FRUIT-NUT TREES ETC COMMERCIAL	10	0.7	12,635	9	0.0
OTHER TREES SHRUBS	10	0.7	8,442	6	0.0
ALL OTHER SEEDS & INNOCULATION	NA	NA	11,201	8	0.0
VEG SEEDS-COMMERCIAL	24	1.7	9,965	7	0.0
INNOCULATION FOR SEEDS-ROOTINGS	71	5.2	1,236	1	0.0
LANDLORDS SEED EXPENDITURE	168	12.4	69,464	51	0.2

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
NORTH REGION

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
TOTAL PESTICIDES & APPLICATION ON CROPS	NA	NA	591,235	434	2.0
TOTAL EXPENDITURE LIME & FERTILIZER	953	69.9	1,798,504	1,319	6.1
TOTAL FERTILIZER & LIME MATERIALS	940	68.9	1,600,785	1,174	5.3
FERTILIZER & FERTILIZER MATERIAL	930	68.2	1,542,097	1,131	5.1
LIME, LIMING MATERIALS & SOIL CONDITIONERS	189	13.8	58,688	43	0.2
LL EXPENSE FOR LIME-FERTILIZER	227	16.7	197,720	145	0.7
TOTAL LIME-FERTILIZER MAT CUSTOM	196	14.4	348,760	256	1.2
FERTILIZER & MATERIALS CUSTOM	182	13.3	338,139	248	1.1
LIME AND MATERIALS CUSTOM	37	2.7	10,620	8	0.0
TOTAL CUSTOM APPLICATION	179	13.1	30,723	23	0.1
CUSTOM APPLICATION FERTILIZER	163	11.9	25,862	19	0.1
CUSTOM APPLICATION LIME	34	2.5	4,861	4	0.0
TOTAL NON-CUSTOM	721	52.8	1,110,315	814	3.7
NON-CUSTOM FERTILIZER	711	52.1	1,085,410	796	3.6
NON-CUSTOM LIME	96	7.0	24,906	18	0.1
TOTAL CUSTOM EXPENSE	116	8.5	110,990	81	0.4
TOTAL CUSTOM EXPENSE FERTILIZER	74	5.5	92,689	68	0.3
TOTAL CUSTOM EXPENSE LIME	58	4.2	18,301	13	0.1
MARKETING AND TRANSPORTATION	NA	NA	509,821	374	1.7
MARKETING CONTAINERS FOR CROP, FRUITS AND VEGETABLES	18	1.3	36,354	27	0.1
TRANSPORTATION AND MARKETING EXPENSE	NA	NA	473,467	347	1.6
TOTAL FRUITS & VEGETABLES MARKETED	19	1.4	25,011	18	0.1
TOTAL MARKET CHANNELING	8	0.6	4,270	3	0.0
FRUITS, BERRIES OR NUTS	2	0.1	1,294	1	0.0
VEGETABLES FOR FRESH USE	0	0.0	464	0	0.0
VEGETABLES FOR PROCESSING	0	0.0	123	0	0.0
DRY BEANS AND PEAS	2	0.2	399	0	0.0
POTATOES	3	0.2	1,991	1	0.0
TOTAL MARKETING PREPARATION	3	0.2	6,898	5	0.0
FRUITS, BERRIES OR NUTS	0	0.0	5	0	0.0
VEGETABLES FOR FRESH USE	0	0.0	89	0	0.0
VEGETABLES FOR PROCESSING	0	0.0	29	0	0.0
DRY BEANS AND PEAS	2	0.2	420	0	0.0
POTATOES	1	0.0	6,355	5	0.0
TOTAL TRANSPORTATION	11	0.8	13,843	10	0.0
FRUITS, BERRIES OR NUTS	2	0.2	3,282	2	0.0
VEGETABLES FOR FRESH USE	1	0.1	831	1	0.0
VEGETABLES FOR PROCESSING	3	0.2	4,607	3	0.0
DRY BEANS AND PEAS	2	0.2	183	0	0.0
POTATOES	2	0.1	4,939	4	0.0

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
NORTH REGION

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
TOTAL FIELD CROP MARKETING	294	21.5	121,627	89	0.4
TOTAL MARKET CHANNEL FIELD CROPS	77	5.7	28,001	21	0.1
MARKET CHANNEL COTTON	1	0.1	397	0	0.0
MARKET CHANNEL TOBACCO	5	0.4	339	0	0.0
MARKET CHANNEL CORN	35	2.6	15,321	11	0.1
MARKET CHANNEL SMALL GRAINS	19	1.4	5,196	4	0.0
MARKET CHANNEL SOYBEANS	26	1.9	4,722	3	0.0
MARKET CHANNEL HAY	3	0.2	288	0	0.0
MARKET CHANNEL SUGAR BEETS AND OTHER CROPS	5	0.4	1,738	1	0.0
TOTAL MARKET PREP FIELDS CROPS	90	6.6	44,082	32	0.1
MARKET PREP COTTON	4	0.3	13,774	10	0.0
MARKET PREP CORN	58	4.2	24,980	18	0.1
MARKET PREP SMALL GRAINS	14	1.0	1,393	1	0.0
MARKET PREP SOYBEANS	12	0.9	700	1	0.0
MARKET PREP HAY	4	0.3	606	0	0.0
MARKET PREP TOBACCO, SUGAR BEETS AND OTHER CROPS	8	0.6	2,628	2	0.0
TOTAL TRANSPORT FIELD CROPS	212	15.5	49,544	36	0.2
TRANSPORT COTTON	1	0.0	287	0	0.0
TRANSPORT CORN	123	9.0	22,224	16	0.1
TRANSPORT SMALL GRAINS	45	3.3	8,809	6	0.0
TRANSPORT SOYBEANS	75	5.5	7,190	5	0.0
TRANSPORT HAY	14	1.0	3,059	2	0.0
TRANSPORT TOBACCO, SUGAR BEETS AND OTHER CROPS	21	1.5	7,975	5	0.0
LIVESTOCK AND LIVESTOCK PRODUCTS EXPENSE	677	49.7	317,802	233	1.1
TOTAL OTHER MARKETING LIVESTOCK EXPENSE	377	27.6	72,889	53	0.2
CATTLE AND CALVES	311	22.8	42,107	31	0.1
HOGS & FEEDER PIGS	113	8.3	17,568	13	0.1
SHEEP AND LAMBS	31	2.3	1,190	1	0.0
MILK AND DAIRY PRODUCTS	25	1.8	7,381	5	0.0
EGG AND POULTRY PRODUCTS	2	0.2	1,628	1	0.0
WOOL, MOHAIR, HONEY AND OTHER LIVESTOCK PRODUCTS	4	0.3	3,014	2	0.0
LIVESTOCK AND LIVESTOCK PRODUCTS TRANSPORT	600	44.0	244,913	180	0.8
CATTLE AND CALVES	465	34.1	82,036	60	0.3
HOG AND FEEDER PIGS	176	12.9	18,833	14	0.1
SHEEP AND LAMBS	34	2.5	1,204	1	0.0
MILK AND DAIRY PRODUCTS	172	12.6	135,977	100	0.5
EGGS AND POULTRY PRODUCTS	2	0.1	3,825	3	0.0
WOOL, MOHAIR, HONEY AND OTHER LIVESTOCK PRODUCTS	12	0.9	3,037	2	0.0
OTHER COMMODITIES	4	0.3	3,215	2	0.0
TOTAL OTHER MARKET EXPENSE	0	0.0	2,669	2	0.0
TOTAL TRANSPORT	4	0.3	546	0	0.0

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
NORTH REGION

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCNT TOTAL EXPENSE
TOTAL MKTG EQUIP NOT REPORTED	28	2.1	5,812	4	0.0
EQUIPMENT & OTHER FARM SUPPLIES WITH TRANSPORTATION NOT REPORTED ELSEWHERE	24	1.8	4,547	3	0.0
EQUIPMENT & OTHER FARM SUPPLIES WITH EXPENSE NOT REPORTED ELSE- WHERE	4	0.3	1,265	1	0.0
PESTICIDES USED IN STORAGE HLDG	144	10.6	4,586	3	0.0
MOTOR VEHICLES ON FARMS TOTAL NET EXPENDITURES					
TOTAL CARS	309	22.7	628,213	461	2.1
NEW CARS	120	8.8	370,169	271	1.3
FARM BUSINESS	NA	NA	107,962	79	0.4
FAMILY USE	NA	NA	221,235	162	0.7
NON-FARM BUSINESS	NA	NA	40,972	60	0.2
USED CARS	189	13.9	258,044	189	0.9
FARM BUSINESS	NA	NA	66,895	49	0.2
FAMILY USE	NA	NA	158,405	116	0.5
NON-FARM BUSINESS	NA	NA	32,744	24	0.2
TOTAL TRUCKS	190	13.9	393,995	289	1.3
NEW TRUCKS	92	6.0	253,334	186	0.9
FARM BUSINESS	NA	NA	203,577	149	0.7
FAMILY USE	NA	NA	29,913	22	0.1
NON-FARM BUSINESS	NA	NA	19,844	15	0.1
USED TRUCKS	108	8.0	140,661	103	0.5
FARM BUSINESS	NA	NA	109,039	80	0.4
FAMILY USE	NA	NA	10,999	8	0.0
NON-FARM BUSINESS	NA	NA	20,623	15	0.1
TOTAL TRACTORS	247	18.1	724,862	532	2.5
NEW TRACTORS	45	6.3	425,532	312	1.5
USED TRACTORS	162	11.9	299,330	219	1.0
OTHER MOTOR VEHICLES	87	6.4	68,387	50	0.2
FARM SHARE OF ABOVE EXPENDITURES (INCLUDES REGISTRATION AND INSURANCE)	NA	NA	1,425,605	1,046	4.9
CARS	NA	NA	240,768	177	0.8
TRUCKS	NA	NA	444,715	326	1.5
TRACTORS	247	18.1	724,862	532	2.5
OTHER	NA	NA	15,260	11	0.1
FARM MACHINERY & IMPLEMENTS	737	54.0	1,539,596	1,129	5.3
TILLAGE	315	23.1	245,001	180	0.8
ONE-WAY MOLDRBOARD PLOWS	114	8.4	69,624	51	0.2
NEW	30	2.2	42,013	31	0.1
USED	84	6.1	27,611	20	0.1

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
NORTH REGION

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
TWO-WAY MOLDBOARD PLOWS	12	0.9	4,462	3	0.0
NEW	2	0.1	1,710	1	0.0
USED	11	0.8	2,751	2	0.0
ONE-WAY DISK PLOWS	4	0.3	1,951	1	0.0
NEW	0	0.0	413	0	0.0
USED	4	0.3	1,537	1	0.0
REVERSIBLE DISK PLOWS	1	0.1	245	0	0.0
NEW	0	0.0	116	0	0.0
USED	1	0.1	129	0	0.0
DISK HARROWS, TANDEM, 4 GANG	69	5.1	45,257	33	0.2
NEW	17	1.2	27,019	20	0.1
USED	53	3.9	18,237	13	0.1
OFFSET DISK HARROWS	6	0.5	5,314	4	0.0
NEW	2	0.2	4,314	3	0.0
USED	4	0.3	1,000	1	0.0
SINGLE DISK HARROWS	9	0.6	2,198	2	0.0
NEW	2	0.1	1,298	1	0.0
USED	7	0.5	899	1	0.0
FIELD CULTIVATORS	36	2.6	24,029	18	0.1
NEW	16	1.2	16,243	12	0.1
USED	20	1.5	7,787	6	0.0
CHISELS, PLOWS, DEEP TILLAGE SWEEP	20	1.5	15,860	12	0.1
NEW	12	0.9	11,554	8	0.0
USED	8	0.6	4,307	3	0.0
SPIKE-TOOTH HARROWS	25	1.8	5,740	4	0.0
NEW	13	1.0	4,518	3	0.0
USED	11	0.8	1,221	1	0.0
SPRING-TOOTH HARROWS	22	1.6	6,813	5	0.0
NEW	9	0.6	5,113	4	0.0
USED	14	1.0	1,699	1	0.0
TINE-TOOTH HARROWS	6	0.5	1,450	1	0.0
NEW	3	0.2	1,050	1	0.0
USED	3	0.2	400	0	0.0
ROTARY HOE	30	2.2	12,154	9	0.0
NEW	13	0.9	9,201	7	0.0
USED	17	1.2	2,952	2	0.0
ROW CULTIVATORS	51	3.7	29,822	22	0.1
NEW	16	1.2	16,886	12	0.1
USED	35	2.6	12,937	9	0.0
ROLLER HARROWS & ROLLER PACKERS	12	0.9	4,878	4	0.0
NEW	2	0.2	2,241	2	0.0
USED	9	0.7	2,636	2	0.0
ALL OTHER TILLAGE EQUIPMENT	33	2.4	15,205	11	0.1

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
NORTH REGION

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
PLANTING AND FERTILIZING	182	13.4	145,091	106	0.5
PLAIN GRAIN DRILLS	23	1.7	9,806	7	0.0
NEW	5	0.3	5,868	4	0.0
USED	18	1.3	3,939	3	0.0
PRESS GRAIN DRILLS	9	0.7	11,103	8	0.0
NEW	3	0.3	7,804	6	0.0
USED	6	0.4	3,299	2	0.0
OTHER GRAIN DRILLS, MULCH HOE OR LISTERS	0	0.0	436	0	0.0
NEW	0	0.0	436	0	0.0
USED	0	0.0	0	0	0.0
LIME & FERTILIZER SPREADERS	6	0.4	1,697	1	0.0
NEW	3	0.2	1,156	1	0.0
USED	2	0.2	541	0	0.0
ROW CROP PLANTERS-CORN	66	4.8	57,459	42	0.2
NEW	21	1.6	37,320	27	0.1
USED	45	3.3	20,139	15	0.1
ROW CROP PLANTERS-COTTON	1	0.0	209	0	0.0
NEW	0	0.0	0	0	0.0
USED	0	0.0	209	0	0.0
ROW CROP PLANTERS-VEGETABLES AND OTHER ROW CROPS	1	0.1	680	0	0.0
NEW	0	0.0	663	0	0.0
USED	1	0.0	17	0	0.0
LISTERS & REDDERS	4	0.3	4,337	3	0.0
NEW	1	0.0	1,940	1	0.0
USED	3	0.3	2,397	2	0.0
MANURE SPREADERS	43	3.2	30,169	22	0.1
NEW	21	1.5	23,817	17	0.1
USED	22	1.6	6,352	5	0.0
POWER SPRAYERS FOR LIQUID FERTILIZERS & PESTICIDES	39	2.9	16,078	12	0.1
NEW	24	1.8	12,395	9	0.0
USED	15	1.1	3,683	3	0.0
SELF-PROPELLED SPRAYERS & DUSTERS	1	0.1	1,431	1	0.0
NEW	0	0.0	750	1	0.0
USED	1	0.1	681	0	0.0
POWER DRIVEN DUSTERS, ROW CROP PLANTERS-POTATO & ALL OTHER PLANTING & SPREADING EQUIPMENT	23	1.7	11,687	9	0.0

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
NORTH REGION

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
HARVESTING	189	13.9	685,378	503	2.3
COMBINES WITH GRAIN HEAD	70	5.1	361,422	265	1.2
NEW	19	1.4	226,073	166	0.7
USED	51	3.7	135,349	99	0.4
COMBINES WITH CORN HEAD	8	0.6	42,135	31	0.1
NEW	2	0.1	21,237	16	0.1
USED	6	0.5	20,898	15	0.1
COMBINE HEAD-GRAIN HEAD	3	0.2	5,591	4	0.0
NEW	2	0.1	4,740	3	0.0
USED	2	0.1	851	1	0.0
COMBINE HEAD CORN-HEAD	34	2.5	74,034	54	0.2
NEW	18	1.3	53,603	39	0.2
USED	16	1.2	20,431	15	0.1
WINDROWER OR SWATHER	20	1.5	45,915	34	0.2
NEW	10	0.7	35,244	26	0.1
USED	10	0.7	10,671	8	0.0
FORAGE HARVESTER WITH ROW CROP HEAD	24	1.8	55,391	41	0.2
NEW	12	0.9	45,356	33	0.2
USED	12	0.9	10,036	7	0.0
FORAGE HARVESTER WITH HAY PICKUP OR CUTTER BAR	11	0.8	17,965	13	0.1
NEW	6	0.4	14,383	11	0.0
USED	5	0.4	3,582	3	0.0
ATTACHMENTS FOR FORAGE HARVESTER	7	0.5	4,397	3	0.0
NEW	5	0.3	3,350	2	0.0
USED	2	0.2	1,047	1	0.0
CORN PICKER OR SNAPPER	44	3.2	39,468	29	0.1
NEW	7	0.5	18,650	14	0.1
USED	37	2.7	20,818	15	0.1
CORN PICKER-SHELLER	8	0.6	12,006	9	0.0
NEW	2	0.1	5,422	4	0.0
USED	6	0.4	6,584	5	0.0
ALL OTHER HARVESTING EQUIPMENT	17	1.3	27,055	20	0.1
HAYING	149	10.9	143,244	105	0.5
MOWERS-CUTTER BAR TYPE	33	2.4	9,018	7	0.0
NEW	8	0.6	5,317	4	0.0
USED	24	1.8	3,701	3	0.0
MOWERS-OTHER	14	1.0	5,701	4	0.0
NEW	6	0.4	2,742	2	0.0
USED	8	0.6	2,959	2	0.0
SIDE DELIVERY RAKES	36	2.6	10,027	7	0.0
NEW	8	0.6	5,395	4	0.0
USED	28	2.1	4,632	3	0.0

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
NORTH REGION

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
HAY CONDITIONERS	16	1.2	19,652	14	0.1
NEW	6	0.5	14,810	11	0.0
USED	9	0.7	4,842	4	0.0
MOWER CONDITIONERS	10	0.7	19,687	14	0.1
NEW	7	0.5	16,778	13	0.1
USED	3	0.2	2,909	2	0.0
PICKUP BALERS	46	3.4	60,919	45	0.2
NEW	19	1.4	46,581	34	0.2
USED	27	2.0	14,338	11	0.0
ALL OTHER HAYING MACHINES	18	1.3	18,239	13	0.1
POWER FARM SHOP EQUIPMENT	240	17.6	37,004	27	0.1
CHAIN POWER SAWS	65	4.7	10,002	7	0.0
HAND-TYPE CIRCULAR POWER SAWS	50	3.7	1,866	1	0.0
OTHER HAND-TYPE	22	1.6	856	1	0.0
OTHER POWER SAWS	27	1.9	3,049	2	0.0
HAND-TYPE ELECTRIC DRILL	69	5.1	1,927	1	0.0
DRILL PRESS	7	0.5	583	0	0.0
POWER GRINDERS	21	1.5	1,219	1	0.0
IMPACT WRENCHES-ELECTRIC OR AIR	15	1.1	1,163	1	0.0
AIR COMPRESSOR	42	3.1	5,111	4	0.0
ELECTRIC ARC WELDER	25	1.8	3,376	2	0.0
ACETYLENE WELDER	11	0.8	1,881	1	0.0
BATTERY CHARGERS	52	3.8	1,689	1	0.0
ALL OTHER POWER SHOP EQUIPMENT	35	2.6	4,282	3	0.0
OTHER FARM MACHINERY & IMPLEMENTS	334	24.5	283,878	208	1.0
POWER UNLOADING WAGONS	28	2.0	32,021	23	0.1
GRAVITY UNLOADING WAGONS	46	3.3	24,960	18	0.1
WAGONS, CHASSIS ONLY	49	3.6	12,008	9	0.0
WAGON BOXES, RACKS, BEDS	53	3.9	17,066	13	0.1
CORN SHELLERS	4	0.3	1,618	1	0.0
HAMMER MILLS	7	0.5	2,136	2	0.0
FEED GRINDERS & CRUSHERS	9	0.6	8,032	6	0.0
FEED MIXERS	3	0.2	4,154	3	0.0
COMBINATION FEED MIXERS & GRINDERS	13	0.9	20,746	15	0.1
CROP DRYERS	12	0.9	32,444	24	0.1
FORAGE & GRAIN BLOWERS	9	0.7	4,435	3	0.0
FARM ELEVATORS-CHAIN TYPE	52	3.8	16,889	12	0.1
FARM ELEVATOR-AUGER TYPE	43	3.1	17,419	13	0.1
TRACTOR MOUNTED LOADERS	32	2.4	20,852	15	0.1
POSTHOLE DIGGERS	15	1.1	2,513	2	0.0
SILO UNLOADERS	12	0.9	21,070	15	0.1
MECHANICAL BARN CLEANERS	7	0.5	9,654	7	0.0
ELECTRIC MOTORS NOT REPORTED ELSEWHERE	46	3.4	5,592	4	0.0
INTERNAL COMBUSTION ENGINES NOT REPORTED ELSEWHERE	5	0.3	1,174	1	0.0
ALL OTHER MACHINERY & EQUIPMENT	65	4.8	29,095	21	0.1
MACHINE HIRE & CUSTOM WORK	742	54.4	416,223	305	1.4
SEED BED PREPARATION	73	5.4	18,680	14	0.1
STALK SHREDDING	5	0.4	853	1	0.0
PLOWING	56	4.1	13,761	10	0.0
DISKING	19	1.4	2,256	2	0.0
SEED BED FINISHING WITH HARROWS	7	0.5	727	1	0.0
OTHER TILLAGE OPERATIONS	6	0.4	1,083	1	0.0

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
NORTH REGION

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
PLANTING OR SEEDING	54	3.9	6,236	5	0.0
CROP CULTIVATION	19	1.4	2,962	2	0.0
CROP HARVESTING	587	43.0	299,500	220	1.0
MOWING, CRUSHING OR CONDITIONING	26	1.9	2,702	2	0.0
WINDROWING, SWATHING OR RAKING	48	3.5	7,093	5	0.0
BALING HAY, STRAW & OTHER FORAGE	173	12.7	33,836	25	0.1
FIELD CHOPPING	12	0.9	2,910	2	0.0
SILAGE MAKING	65	4.7	21,900	16	0.1
COMBINE	325	23.8	130,355	96	0.4
CORN HARVESTED USING COMBINE	129	9.5	61,300	45	0.2
CORN HARVESTED USING CORN PICKER	115	8.4	24,521	18	0.1
THRESHING	3	0.2	468	0	0.0
MECHANICAL COTTON PICKING OR STRIPPING	3	0.2	3,728	3	0.0
OTHER HARVESTING	6	0.4	10,686	8	0.0
OTHER MACHINE HIRE & CUSTOM WORK	351	25.7	88,845	65	0.3
FEED GRINDING & MIXING	159	11.7	34,930	26	0.1
CORN SHELLING	86	6.3	13,214	10	0.0
MANURE HAULING & SPREADING	12	0.9	1,652	1	0.0
FERTILIZING	73	5.3	6,809	5	0.0
ALL OTHER MACHINE & CUSTOM HIRED WORK	120	8.8	32,240	24	0.1
PORTION OF TOTAL EXPENSE FOR MACHINE RENTAL OR LEASING	88	6.5	17,708	13	0.1
PETROLEUM PRODUCTS-FARM USE	1,189	87.2	1,160,532	851	4.0
TOTAL EXPENSE GASOLINE-FARM USE	1,187	87.1	847,231	621	2.9
TOTAL GAS FARM USE	948	69.5	127,399	93	0.4
TOTAL TRUCK GAS FARM USE	947	69.4	217,093	159	0.7
TOTAL TRACTOR GAS ALL FARM USE	1,077	79.0	451,925	331	1.5
TOTAL OTHER ENGINE GAS-FARM USE	311	22.8	50,813	37	0.2
TOTAL EXPENSE GASOLINE-FAMILY USE	1,141	83.7	278,648	204	0.9
TOTAL AUTO GAS	1,107	81.2	253,727	186	0.8
TOTAL TRUCK GAS	229	16.8	24,921	18	0.1
COST DIESEL FUEL MOTOR PURPOSES	NA	NA	160,620	118	0.5
DIESEL FUEL FARM USE	426	31.3	155,188	113	0.5
DIESEL-KEROSENE ALL FARM	48	3.5	5,432	4	0.0
OTHER FUEL	NA	NA	74,952	55	0.3
TOTAL COST MOTOR OIL	1,116	81.8	60,819	45	0.2
COST MOTOR OIL AT SERVICE STATION	494	36.2	10,209	7	0.0
COST MOTOR OIL IN BULK OR CANS	933	68.5	50,610	37	0.2
TOTAL COST MOTOR OIL FAMILY USE	1,075	78.8	13,153	10	0.0
TOTAL COST GREASE	829	60.8	16,910	12	0.1
COST GREASE IN CAN OR PAIL	418	30.7	7,662	6	0.0
COST GREASE IN CARTRIDGE	456	33.5	9,249	7	0.0

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
NORTH REGION

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
OTHER OPERATING EXPENSES FOR MOTOR					
VEHICLES & FARM MACHINERY	1,157	84.8	901,591	661	3.1
NEW TIRES, INCLUDING TUBES	865	63.5	127,678	94	0.4
USED & RECAPPED TIRES	355	26.0	15,381	11	0.1
TIRE CHAINS	53	3.9	2,669	2	0.0
TOTAL ANTIFREEZE, FARM SHARE	957	70.2	11,727	9	0.0
PERMANENT ANTI-FREEZE	940	69.0	11,493	8	0.0
ALCOHOL ANTI-FREEZE	28	2.0	235	0	0.0
TOTAL ALL BATTERIES, FARM SHARE	698	51.2	29,923	22	0.1
12-VOLT BATTERIES	563	41.3	22,309	16	0.1
6-VOLT BATTERIES	247	18.1	7,613	6	0.0
SPARK PLUGS	806	59.1	12,536	9	0.0
TOTAL OIL FILTERS	937	68.7	23,675	17	0.1
SPIN-ON OIL FILTERS	847	62.1	16,972	12	0.1
REPLACEABLE ELEMENT OIL FILTERS	355	26.1	6,703	5	0.0
AIR FILTERS	380	27.8	4,449	3	0.0
LUBRICATION JOBS	638	46.8	7,068	5	0.0
BRAKE RELININGS	184	13.5	6,427	5	0.0
MUFFLERS, EXHAUST PIPES, & TAIL PIPES	474	34.7	10,939	8	0.0
TOTAL ENGINE OVERHAUL	320	23.5	136,891	100	0.5
TOTAL ALL OTHER REPAIRS	829	60.8	512,228	376	1.7
TOTAL HAND TOOL EQUIP AND SUPPLY	920	67.5	129,045	95	0.4
HAND DUSTERS	6	0.4	117	0	0.0
HAND SPRAYERS	74	5.5	910	1	0.0
HOES GARDEN-WEEDING	28	2.0	192	0	0.0
OTHER HAND WEEDING TOOLS	86	6.3	753	1	0.0
PRUNING EQUIPMENT	15	1.1	255	0	0.0
FORKS	188	13.8	2,219	2	0.0
SPADES	55	4.0	527	0	0.0
SHOVELS	129	9.5	1,463	1	0.0
GRAIN SCOOPS	182	13.3	2,487	2	0.0
OTHER HAND RAKES, FORKS, SHOVELS OR SCOOPS	50	3.6	538	0	0.0
HAND FENCING TOOLS	76	5.6	1,503	1	0.0
AXES, PICKS & MATTOCKS	51	3.8	395	0	0.0
HAMMERS	143	10.5	1,237	1	0.0
HANDSAWS	48	3.5	375	0	0.0
HANDLES FOR HANDTOOLS	177	13.0	1,262	1	0.0
PAINT BRUSHES, PAINT ROLLERS, SCRAPERS, ETC	180	13.2	1,767	1	0.0
WRENCHES & PLIERS	435	31.9	15,655	11	0.1
GREASE GUNS & OIL CANS	187	13.7	1,874	1	0.0
FUEL BARRELS, TANKS & PUMPS	69	5.0	5,962	4	0.0
FIRE EXTINGUISHERS	74	5.4	1,727	1	0.0
JACKS & HOISTS	94	6.9	3,905	3	0.0
LADDERS FOR FARM USE	74	5.4	2,384	2	0.0
FIELD BOXES, CRATES, BAGS	7	0.5	3,335	2	0.0
BALING WIRE	27	2.0	4,946	4	0.0

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
NORTH REGION

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
BALING TWINE, SISAL & HEMP	380	27.9	30,885	23	0.1
BALING TWINE, SYNTHETIC OR PLASTIC	49	3.6	4,480	3	0.0
HINDER TWINE	50	3.6	3,466	3	0.0
OTHER TWINE, BALL, SPOOL & ETC	5	0.4	134	0	0.0
TOTAL ROPE	73	5.4	893	1	0.0
ROPE-MANILA	60	4.4	719	1	0.0
ROPE-SYNTHETIC	15	1.1	173	0	0.0
STEEL CABLE	31	2.3	851	1	0.0
STEEL CHAIN	64	4.7	1,677	1	0.0
POLYETHLENE FILM	84	6.2	3,352	2	0.0
ALL OTHER EQUIPMENT	171	12.5	27,521	20	0.1
FENCING EXPENSES	NA	NA	139,936	103	0.5
FENCING MATERIALS	737	54.0	120,113	88	0.4
2 POINT BARBED WIRE	186	13.6	8,897	7	0.0
4 POINT BARBED WIRE	170	12.4	7,681	6	0.0
FIELD STOCK FENCE	119	8.7	13,745	10	0.0
POULTRY NETTING & FENCING	16	1.1	425	0	0.0
STEEL FENCE POST	284	20.9	23,287	17	0.1
WOOD FENCE POST	204	14.9	16,995	12	0.1
CONCRETE POST	4	0.3	477	0	0.0
FENCE STAPLES, FASTNERS	359	26.3	2,548	2	0.0
WOOD GATES	38	2.8	2,531	2	0.0
METAL GATES	74	5.4	5,749	4	0.0
BRACES, ANCHORS & WIRE	68	5.0	1,569	1	0.0
ELECTRIC FENCE CHARGERS	136	10.0	4,979	4	0.0
ELECTRIC FENCE INSULATORS	239	17.6	4,529	3	0.0
BOARDS & OTHER LUMBER FOR FENCES & GATES	140	10.3	14,055	10	0.0
OTHER FENCING MATERIALS	139	10.2	12,646	9	0.0
FENCING CONSTRUCTION COSTS	42	3.1	5,750	4	0.0
CONTRACT CONSTRUCTION OF FENCES LABOR HIRED ESPECIALLY FOR BUILDING FENCES	4	0.3	2,194	2	0.0
EQUIPMENT RENTED FOR BUILDING FENCES	38	2.8	3,544	3	0.0
	1	0.1	12	0	0.0
TOTAL OTHER FENCING LANDLORD	96	7.0	14,073	10	0.0
CONSTRUCTION EXPENDITURES-BLDG & IRR	NA	NA	773,117	567	2.6
CONSTRUCTION-OP ONLY	202	14.8	663,264	486	2.2
TOTAL MATERIALS-ALL BUILDINGS	176	12.9	243,963	179	0.8
TOTAL LABOR SERVICES-ALL BUILDING	66	4.9	42,355	31	0.1
TOTAL EXPENSES UNITEMIZED-ALL BUILDING	83	6.1	376,946	276	1.3
CONSTRUCTION-LL ONLY	19	1.4	109,853	81	0.4
FARM MAINTENANCE-BUILDING & PROPERTY	NA	NA	165,331	121	0.6
TOTAL MAINTENANCE EXPENSES-FARM BUILDING	639	46.9	131,522	96	0.4
MAINTENANCE-LL ONLY	73	5.3	33,809	25	0.1

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
NORTH REGION

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
FARM IMPROVEMENTS	NA	NA	410,434	301	1.4
IMPROVEMENTS-OPERATOR ONLY	639	45.8	359,771	264	1.2
TRENCH SILOS	9	0.6	6,090	4	0.0
LAND CLEARED	52	3.8	21,856	16	0.1
TOTAL FIELD & DRAINAGE PIPE	34	2.5	18,395	13	0.1
PLASTIC DRAINAGE PIPE	16	1.2	8,304	6	0.0
CLAY DRAINAGE PIPE	11	0.8	4,849	4	0.0
CONCRETE DRAINAGE PIPE	9	0.6	5,241	4	0.0
TOTAL OTHER IMPROVEMENTS	600	44.0	307,177	225	1.0
ROADS OR LANES	223	16.4	29,135	21	0.1
IMPROVED FEEDING LOTS OR FEEDING FLOORS	64	4.7	32,898	24	0.1
LAGOONS OR HOLDING PONDS FOR WASTE DISPOSAL OR POLLUTION CONTROL	6	0.4	4,473	3	0.0
DRAINAGE DITCHES	39	2.9	18,794	14	0.1
DRAINAGE TILE LINES	43	3.1	29,951	22	0.1
LEVEES OR DIKES	5	0.3	1,590	1	0.0
OTHER DRAINAGE OR FLOOD CONTROL FACILITIES	13	0.9	2,992	2	0.0
TERRACES	16	1.1	6,580	5	0.0
OTHER SOIL CONSERVATION WORK EXCEPT SEED & FERTILIZER	26	1.9	12,802	9	0.0
IRRIGATION FACILITIES:	32	2.4	74,400	55	0.2
PUMPS INCLUDING MOTORS	12	0.9	17,527	13	0.1
PIPES, SPRINKLERS & FITTINGS	16	1.1	21,681	16	0.1
WELLS, EXCLUDING PUMPS	5	0.3	7,571	6	0.0
PERMANENT DITCHES, FLUMES ETC	3	0.2	1,634	1	0.0
DAMS OR PONDS	4	0.3	2,695	2	0.0
LAND LEVELING	7	0.5	9,768	7	0.0
OTHER IRRIGATION FACILITIES	8	0.6	7,347	5	0.0
TOTAL UNITEMIZED IRRIGATION	1	0.1	6,177	5	0.0
NON-IRRIGATION WATER FACILITIES	379	27.8	93,562	69	0.3
PUMPS	207	15.1	28,934	21	0.1
WELLS, EXCLUDING PUMPS	80	5.9	24,019	18	0.1
PERMANENT TANKS & CISTERNS	11	0.8	1,603	1	0.0
WATER LINES	71	5.2	9,561	7	0.0
PONDS OR DAMS	27	2.0	11,000	8	0.0
WINDMILLS	10	0.7	1,141	1	0.0
WATER SYSTEMS COMPLETE	30	2.2	13,988	10	0.0
OTHER WATER FACILITIES	33	2.4	3,316	2	0.0
DYNAMITE OR OTHER EXPLOSIVES & ALL OTHER IMPROVEMENTS	38	2.8	6,254	4	0.0
IMPROVEMENTS-LANDLORD ONLY	88	6.4	50,661	37	0.2
TOTAL IRRIGATION FEES	14	1.0	11,357	8	0.0
OPERATOR	11	0.8	7,468	5	0.0
LANDLORD	8	0.6	3,889	3	0.0

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
NORTH REGION

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
TOTAL COST OF BUILDING MATERIALS BOUGHT	863	63.3	205,664	151	0.7
NAILS, SPIKES, ETC.	658	28.3	8,216	6	0.0
TOTAL PAINT	278	20.4	17,508	13	0.1
PORTLAND CEMENT	106	7.8	4,554	3	0.0
SAND GRAVEL & ROCKS	148	10.9	9,840	7	0.0
READY MIXED CONCRETE	90	6.6	35,867	26	0.1
TOTAL BUILDING BLOCKS	26	1.9	3,704	3	0.0
TOTAL BRICKS	2	0.2	212	0	0.0
TOTAL ROOFING & SIDING	139	10.2	38,228	28	0.1
GALVANIZED STEEL ROOFING	67	4.9	16,192	12	0.1
ALUMINUM ROOFING	6	0.4	6,111	4	0.0
ASPHALT SHINGLES & MINERAL SURFACE	35	2.6	5,895	4	0.0
WOOD DROP & REVEL SIDING	13	1.0	1,811	2	0.0
ALUMINUM SIDING	5	0.4	4,385	3	0.0
HARD BOARD SIDING, INCLD PRIME ALL OTHER ROOFING, SIDING & SHAKES	4	0.3	508	0	0.0
	30	2.2	3,327	2	0.0
COMPOSITION ROOFING	38	2.8	1,322	1	0.0
PLYWOOD	NA	NA	7,186	7	0.0
INSULATION BOARD	12	0.9	935	1	0.0
HARDBOARD & OTHER	NA	NA	1,445	1	0.0
TOTAL PIPE	77	5.6	4,552	3	0.0
COPPER PIPE	11	0.7	418	0	0.0
IRON PIPE	34	2.5	1,687	1	0.0
PLASTIC PIPE	48	3.5	2,447	2	0.0
FRAMING AND DIMENSION LUMBER	69	5.1	15,423	11	0.1
ROUGH AND PLAIN DRESSED BOARDS	123	9.0	13,659	11	0.0
TOTAL FLOORING	5	0.4	400	0	0.0
OTHER TONGUE AND GROOVE BOARDS	12	0.9	1,766	1	0.0
TOTAL WINDOW UNITS	38	2.8	1,833	1	0.0
TOTAL ELECTRIC WIRE	162	11.9	13,896	10	0.0
OTHER ELECTRICAL MATERIALS	174	12.8	9,140	7	0.0
GUTTERING, FLASHING, DOWNSPOUT	23	1.7	1,175	1	0.0
OTHER HARDWARE	98	7.2	2,349	2	0.0
GYPSUM BOARD & OTHER BUILDING MATERIALS	60	4.9	12,437	9	0.0
CUSTOM SAWING DONE ON FARM	30	2.2	2,645	2	0.0
TOTAL LABOR HIRED PERQUISITES	780	52.8	1,401,122	1,027	4.8
TOTAL CASH WAGES PAID HIRED LABOR	701	51.4	1,210,819	888	4.0
TOTAL PERQUISITES FURNISHED	271	19.9	129,002	95	0.4
CASH VALUE OF BOARD FURNISHED HIRED LABOR	222	16.3	39,358	29	0.1
CASH VALUE OF HOUSING OR OTHER LODGING FURNISHED HIRED LABOR	64	4.7	49,737	36	0.2
CASH VALUE OF FUEL, TRANSPORT- ATION, PHONE, ELECTRICTY AND OTHER SERVICES FOR HIRED LABOR	35	2.5	15,322	11	0.1
FOOD, MEAT, MILK & VEGETABLES FOR HIRED LABOR	33	2.4	10,532	8	0.0
ALL OTHER ITEMS FOR HIRED LABOR	15	1.1	14,053	10	0.0
CONTRACT LABOR EXPENSE	38	2.8	61,302	45	0.2

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
NORTH REGION

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
FARM BUSINESS EXPENSES:	1,151	84.4	606,215	445	2.0
FARM RECORD KEEPING EXPENSE	102	7.5	15,027	11	0.0
PREPARATION OF INCOME TAX RETURNS	904	66.3	28,366	21	0.1
POSTAGE TELEGRAMS, TELETYPE, ETC FOR FARM BUSINESS EXPENSES	554	40.6	9,333	7	0.0
TELEPHONE, FARM BUSINESS EXPENSES	992	72.7	97,037	71	0.3
ELECTRICITY, FARM BUSINESS	1,043	76.5	278,202	204	0.9
SOIL TESTING EXPENSES	93	6.8	1,964	1	0.0
SEED CERTIFICATION EXPENSES	7	0.5	1,293	1	0.0
OTHER FARM MANAGEMENT SERVICES	17	1.3	1,678	1	0.0
NOTARY PUBLIC FEES, ATTORNEY OR OTHER LEGAL FEES FOR THE FARM	151	11.1	15,485	11	0.0
BUYING OR SELLING FARM REAL ESTATE	24	1.7	15,706	17	0.1
CATALOGUES, SALE BILLS OR OTHER ADVERTISEMENTS FOR THE FARM	75	5.5	10,731	8	0.0
FEES TO MILK MARKETING OR OTHER ASSOCIATIONS OR TO STATES FOR PROMOTION, ADVERTISING AND OTHER PURPOSES	120	8.8	20,321	15	0.1
LICENSE FEES FOR FARM BUSINESS	50	3.7	915	1	0.0
DUES TO FARM ORGANIZATIONS, UNIONS, ETC	527	38.7	19,022	14	0.1
EXPENSES WHILE TRAVELING ON FARM BUSINESS EXCLUDING GASOLINE	190	14.0	24,690	18	0.1
TECHNICAL BOOKS, PERIODICALS BULLETINS, ETC FOR FARM BUSINESS	463	33.9	12,277	9	0.0
LOSSES SUCH AS PAYMENTS ON FARM PROPERTY REPOSSESSED BY OTHERS, FORFEITED DOWN PAYMENTS ON FARM PROPERTY, ETC.	8	0.6	2,169	2	0.0
TWO-WAY RADIO EQUIPMENT AND OPERATING EXPENSES	19	1.4	2,308	2	0.0
DAMAGES PAID TO OTHERS NOT COVERED BY INSURANCE FOR LOSS OR INJURY CONNECTED WITH YOUR FARM OPERATION	6	0.4	679	0	0.0
ALL OTHER FARM BUSINESS EXPENSES	121	8.9	49,012	36	0.2
EXPENSE FOR INSURANCE, TAXES AND INTEREST-OPERATOR FARM SHARE	NA	NA	2,680,471	1,966	8.9
INSURANCE PREMIUMS FOR: HAIL AND OTHER INSURANCE ON GROWING CROPS	336	24.6	108,390	79	0.4
HOW MUCH WAS FEDERAL CROP INSURANCE	92	6.8	24,309	18	0.1
TOTAL FIRE WIND EXTENDED COVERAGE FIRE, WIND AND EXTENDED COVERAGE PROPERTY INSURANCE	1,071	78.5	243,343	178	0.8
HOW MUCH WAS INSURANCE ON YOUR DWELLING AND CONTENTS	833	61.1	59,765	44	0.2
	1,015	74.4	183,579	135	0.6

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
NORTH REGION

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
EMPLOYER COMPENSATION INSURANCE	74	5.4	20,039	15	0.1
OTHER LIABILITY INSURANCE	443	32.5	28,531	21	0.1
LANDLORD CROP INSURANCE	103	7.5	20,059	15	0.1
LANDLORD FEDERAL CROP INSURANCE	1,207	88.5	1,207	1	0.0
TOTAL CROP INSURANCE OPERATOR AND LANDLORD	368	27.0	128,449	94	0.4
TOTAL FEDERAL CROP INSURANCE OPERATOR AND LANDLORD	1,207	88.5	25,517	19	0.1
TOTAL INSURANCE FARM OPERATOR	1,075	78.8	340,540	250	1.1
TOTAL INSURANCE FARM OPERATOR AND LANDLORD	1,082	79.4	360,598	264	1.2
TOTAL PROPERTY TAX	1,131	82.9	993,160	728	3.3
PERSONAL PROPERTY TAX	180	13.2	11,910	9	0.0
TOTAL FARM TAX	1,129	82.8	981,250	720	3.3
TOTAL FARM INTEREST	773	56.6	1,358,681	996	4.5
INTEREST ON FARM REAL ESTATE DEBT	558	40.9	822,108	603	2.7
INTEREST ON OTHER OPERATING LOANS	514	37.7	536,575	393	1.8
LANDLORD FARM SHARE FOR ABOVE EXPENSES	NA	NA	755,595	554	2.6

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
SOUTH REGION

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
TOTAL FARM EXPENDITURES	NA	NA	15,942,395	12,486	100.0
LIVESTOCK AND POULTRY EXPENDITURES	NA	NA	5,602,245	4,393	35.1
LIVESTOCK AND POULTRY PURCHASES	592	46.4	2,155,547	1,690	13.5
CATTLE AND CALVES	397	31.1	1,476,289	1,158	9.3
DAIRY CATTLE AND CALVES	60	4.7	153,112	120	1.0
BEEF CATTLE AND CALVES	286	22.5	723,247	567	4.6
STOCKER & FEEDER CATTLE & CALVES	78	6.1	599,931	470	3.8
HOGS AND PIGS	540	17.0	221,445	174	1.4
BREEDER HOGS	65	5.1	142,651	112	0.9
FEEDER HOGS AND PIGS	163	12.8	78,794	62	0.5
SHEEP AND LAMBS	10	0.8	3,898	3	0.0
FEEDER LAMBS	0	0.0	350	0	0.0
SHEEP AND OTHER LAMBS	10	0.8	3,548	3	0.0
POULTRY	88	6.9	424,457	333	2.7
BROILER CHICKS	33	2.6	219,642	172	1.4
EGG TYPE CHICKS & STARTED PULLETS	NA	NA	199,079	156	1.2
EGG TYPE CHICKS	42	3.3	37,382	29	0.2
STARTED PULLETS	16	1.2	161,697	127	1.0
TURKEYS (INCLUDING POULTS)	2	0.2	5,736	4	0.0
OTHER LIVESTOCK AND POULTRY	18	1.4	29,454	23	0.2
OTHER LIVESTOCK AND POULTRY SERVICES	625	49.0	161,128	126	1.0
VETERINARIAN SERVICES	389	30.5	49,711	39	0.3
SERUMS VACCINES TONICS & MEDICINES	445	34.9	52,108	41	0.3
ARTIFICIAL INSEMINATION	45	3.5	11,330	9	0.1
OTHER BREEDING FEES	20	1.5	7,757	6	0.1
LIVESTOCK PASTURING FEES	14	1.1	19,084	15	0.1
PAID TO FEDERAL AGENCIES	3	0.2	438	0	0.0
PAID TO OTHER FARMERS	10	0.8	16,106	13	0.1
PAID TO OTHERS	1	0.1	2,541	2	0.0
COW TESTING SERVICES	7	0.5	3,752	3	0.0
SHEARING SHEEPS OR GOATS	16	1.3	2,024	2	0.0
CULL CAPONIZE AND VACCINATE POULTRY	3	0.3	1,681	1	0.0
REGISTRATION OF LIVESTOCK AND POULTRY	26	2.0	3,897	3	0.0
OTHER SERVICES AND EXPENSES	32	2.5	9,784	8	0.1
FEED EXPENDITURES	NA	NA	3,076,524	2,412	19.3
GRAINS	412	32.3	301,569	236	1.9
CORN	365	23.6	236,391	185	1.5
OATS	38	3.0	13,402	11	0.1
BARLEY	10	0.8	4,129	3	0.0
SORGHUM GRAINS	24	1.9	35,883	28	0.2
WHEAT	15	1.2	3,559	3	0.0
OTHER GRAINS	24	1.9	8,204	6	0.1

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
SOUTH REGION

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
ROUGHAGE (INCLUDING ALFALFA MEAL)	384	30.1	151,649	119	1.0
ALFALFA HAY & ALFALFA MIXTURES	42	3.3	40,828	32	0.3
OTHER HAY	343	26.9	98,021	77	0.6
SILAGE	3	0.3	7,654	6	0.0
ALFALFA MEAL OR PELLETS	12	1.0	5,146	4	0.0
POULTRY FEED	202	15.9	1,473,467	1,155	9.2
LAYING FEED	159	12.5	461,146	362	2.9
OYSTER SHELL	51	4.0	6,093	5	0.0
CHICK STARTER	27	2.1	16,027	13	0.1
PULLET GROWER	14	1.1	78,016	61	0.5
BROILER FEEDS	37	2.9	895,720	702	5.7
STARTER	20	1.5	287,951	226	1.8
GROWER	20	1.5	372,350	292	2.4
FINISHER	18	1.4	235,418	185	1.5
TURKEY FEEDS	3	0.2	16,468	13	0.1
STARTER	2	0.2	57	0	0.0
GROWER	2	0.2	16,411	13	0.1
MIXED FEEDS AND SUPPLEMENTS	NA	NA	983,428	771	6.2
DAIRY FEED	134	10.4	458,626	360	2.9
TOTAL HOG, SHEEP & BEEF FEEDS	NA	NA	524,802	411	3.3
HOG FEED	263	20.6	270,540	212	1.7
BEEF CATTLE FEED	338	26.5	205,186	161	1.3
SHEEP FEED	14	1.1	14,205	11	0.1
OTHER MIXED FEED	61	4.8	34,871	27	0.2
TOTAL PROTEIN FEEDS (EXCLUDING ALFALFA MEAL)	163	12.7	73,480	62	0.5
SOYBEAN MEAL	23	1.8	41,730	33	0.3
COTTONSEED MEAL	104	8.1	22,625	18	0.1
TOTAL ALL OTHER PROTEIN FEED	NA	NA	9,125	7	0.1
TANKAGE	5	0.4	1,047	1	0.0
UREA	2	0.2	423	0	0.0
MEAT SCRAP	0	0.0	26	0	0.0
LIQUID PROTEIN SUPPLEMENT	36	2.9	7,628	6	0.0
TOTAL GRAIN BY-PRODUCTS	28	2.2	3,636	3	0.0
CORN MEAL FOR FEED	8	0.7	1,644	1	0.0
TOTAL OTHER FEEDS	671	52.6	87,651	69	0.5
DRIED BEET PULP	0	0.0	58	0	0.0
DRIED CITRUS PULP	4	0.3	6,473	5	0.0
DRY MOLASSES	13	1.0	1,331	1	0.0
LIQUID MOLASSES	47	3.7	6,513	5	0.0
STOCK SALT	588	46.1	19,673	15	0.1
MILK REPLACER	35	2.7	7,387	6	0.0
MINERALS VITAMINS ANTIBIOTICS ETC	195	15.3	21,572	17	0.1
OTHER FEEDS NOT SPECIFIED	89	7.0	24,644	19	0.2

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
SOUTH REGION

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
LIVESTOCK AND POULTRY EQUIPMENT	264	20.7	188,196	148	1.2
DAIRY EQUIPMENT	55	4.3	58,795	46	0.4
MILKING SYSTEM COMPLETE	4	0.3	8,705	7	0.1
MILKER VACUUM PUMP	2	0.2	1,366	1	0.0
MILKER UNITS	0	0.0	262	0	0.0
MILK COOLERS	6	0.5	16,514	13	0.1
STANCHIONS OR MILKING STALLS	8	0.1	2,440	2	0.0
BULK FEED STORAGE EQUIPMENT	2	0.2	3,203	3	0.0
DAIRY CONTAINERS	1	0.1	1,009	1	0.0
MILK PAILS STRAINERS FILTERS ETC	30	2.4	1,822	1	0.0
WATER HEATERS, SINKS AND OTHER					
MILK PARLOR EQUIPMENT	8	0.6	2,346	2	0.0
DAIRY CLEANING SUPPLIES	32	2.5	10,069	8	0.1
FEED CARTS, OTHER DAIRY					
MACHINES AND EQUIPMENT	12	0.9	3,859	3	0.0
MAINTENANCE & REPAIR OF DAIRY					
EQUIPMENT	18	1.4	7,199	6	0.0
POULTRY EQUIPMENT	53	4.2	90,161	71	0.6
INCUBATORS & CHICK BROODERS	10	0.7	1,888	1	0.0
FEEDERS AND WATERS	35	2.7	4,384	3	0.0
MECHANICAL FEEDERS	3	0.2	7,180	6	0.0
BULK FEED STORAGE EQUIPMENT	2	0.2	1,591	1	0.0
CAGES AND NESTS	0	0.0	1,151	1	0.0
EGG GRADERS & WASHERS	0	0.0	5,098	4	0.0
EGG CASES	3	0.2	14,119	11	0.1
REFRIGERATED COOLING EQUIPMENT	0	0.0	684	1	0.0
CLEANING SUPPLIES	4	0.3	1,513	1	0.0
OTHER POULTRY EQUIPMENT &					
SUPPLIES	15	1.2	5,372	4	0.0
EGG CARTONS, MAINTENANCE &					
REPAIR OF POULTRY EQUIPMENT	21	1.6	47,183	37	0.3
OTHER LIVESTOCK EQUIPMENT	184	14.4	39,240	31	0.2
FARROWING CRATES OR STALLS	3	0.2	1,959	2	0.0
HOG TROUGHES & WATERS	34	2.7	2,487	2	0.0
HOG SELF FEEDERS	41	3.2	7,247	6	0.0
CATTLE SELF FEEDERS (EXCL DAIRY)	23	1.8	4,704	4	0.0
FEED BUNKS SHEEP & LAMB FEEDERS	12	1.0	821	1	0.0
BULK FEED STORAGE EQUIPMENT	5	0.4	3,261	3	0.0
STOCK WATER TANK (MOVEABLE)	29	2.3	1,575	1	0.0
STOCK WATER TANK HEATER	1	0.1	62	0	0.0
BEE EQUIPMENT AND SUPPLIES	5	0.4	2,295	2	0.0
COLLARS HARNESSSES BRIDLES ETC	29	2.3	2,564	2	0.0
OTHER EQUIPMENT	59	4.6	9,498	7	0.1
MAINTENANCE & REPAIR OTHER EQUIP	22	1.8	2,532	2	0.0
SACKS FOR WOOL, MOHAIR & OTHER					
LIVESTOCK MARKET CONTAINERS	NA	NA	236	0	0.0
PESTICIDES FOR LIVESTOCK & POULTRY	519	40.7	20,854	16	0.1

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
SOUTH REGION

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
SEED & CROP EXPENDITURES	NA	NA	1,969,540	1,544	12.4
SEEDS, TREES, & SHRUB PURCHASES	799	62.7	425,212	333	2.7
TOTAL FIELD CROP SEEDS	624	48.9	303,267	238	1.9
HYBRID CORN	299	23.5	50,627	40	0.3
SEED WHEAT	98	7.7	18,249	14	0.1
SEED OATS	113	8.9	11,126	9	0.1
SEED BARLEY	24	1.9	2,027	2	0.0
SEED RYE	40	3.1	4,102	3	0.0
SEED SORGHUM GRAIN	71	5.6	19,372	15	0.1
SEED SOYBEAN	125	9.8	56,446	44	0.4
SEED DRYBEAN	1	0.1	201	0	0.0
TOTAL SEED IRISH POTATOES	47	3.7	3,599	3	0.0
SEED COTTON SEED	90	7.1	29,102	23	0.2
SEED PEANUTS	49	3.9	83,229	65	0.5
SEED RICE	10	0.8	15,467	12	0.1
FLAXSEED	0	0.0	0	0	0.0
OTHER FIELD CROP SEED	41	3.2	5,027	4	0.0
TOBACCO SEED & PLANTS	174	13.7	4,689	4	0.0
SEED TOBACCO	162	12.7	2,275	2	0.0
PLANT TOBACCO	17	1.4	2,414	2	0.0
TOTAL PASTURE-CLOVER SEEDS	403	31.6	100,650	79	0.6
ALFALFA SEED	12	0.9	2,975	2	0.0
ALFALFA SEED CERTIFIED	7	0.5	2,135	2	0.0
ALFALFA SEED NON-CERTIFIED	5	0.4	840	1	0.0
GRASS & HAY SEED EXCL ALFALFA	NA	NA	48,571	38	0.3
RED CLOVER SEED	41	3.3	2,121	2	0.0
SWEET CLOVER	4	0.3	296	0	0.0
LADINO & WHITE CLOVER SEED	33	2.6	1,363	1	0.0
TOTAL LESPEDEZA SEED	71	5.6	5,281	4	0.0
TIMOTHY SEED	24	1.9	960	1	0.0
TOTAL RYE GRASS SEED	84	6.6	8,935	7	0.1
RYE GRASS SEED-ANNUAL	74	5.8	7,588	6	0.0
RYE GRASS SEED-PERENNIAL	14	1.1	1,347	1	0.0
TOTAL FESCUE SEED	106	8.3	7,032	6	0.0
SUDAN GRASS-HYBRIDS & OPEN POLL	15	1.2	2,160	1	0.0
SUDAN GRASS-SORGHUM CROSSES	28	2.2	4,761	4	0.0
OTHER SUDAN GRASS & CROSSES	5	0.4	775	1	0.0
OTHER HAY-PASTURE GRASSES	92	7.2	11,986	9	0.1
OTHER COVER CROP	38	3.0	2,901	2	0.0
TREES & SHRUBS	NA	NA	37,030	29	0.2
FRUIT-NUT TREES ETC COMMERCIAL	15	1.2	13,249	10	0.1
OTHER TREES SHRUBS	5	0.4	23,781	19	0.2
ALL OTHER SEEDS & INNOCULATION	NA	NA	12,075	9	0.1
VEG SEEDS-COMMERCIAL	27	2.1	11,148	9	0.1
INNOCULATION FOR SEEDS-ROOTINGS	18	1.4	926	1	0.0
LANDLORDS SEED EXPENDITURE	89	7.0	21,295	17	0.1

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
SOUTH REGION

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
TOTAL PESTICIDES & APPLICATION ON CROPS	NA	NA	386,329	303	2.4
TOTAL EXPENDITURE LIME & FERTILIZER	881	69.1	1,157,998	908	7.3
TOTAL FERTILIZER & LIME MATERIALS	853	66.9	1,094,099	858	6.9
FERTILIZER & FERTILIZER MATERIAL	844	66.2	1,026,952	805	6.5
LIME, LIMING MATERIALS & SOIL CONDITIONERS	195	15.3	67,148	53	0.4
LL EXPENSE FOR LIME-FERTILIZER	156	12.2	63,898	50	0.4
TOTAL LIME-FERTILIZER MAT CUSTOM	176	13.8	354,441	278	2.2
FERTILIZER & MATERIALS CUSTOM	151	11.8	335,810	263	2.1
LIME AND MATERIALS CUSTOM	55	4.3	18,631	15	0.1
TOTAL CUSTOM APPLICATION	155	12.1	37,771	30	0.2
CUSTOM APPLICATION FERTILIZER	129	10.1	31,406	25	0.2
CUSTOM APPLICATION LIME	54	4.3	6,365	5	0.0
TOTAL NON-CUSTOM	610	47.9	560,209	439	3.5
NON-CUSTOM FERTILIZER	602	47.2	544,001	427	3.4
NON-CUSTOM LIME	73	5.7	16,208	13	0.1
TOTAL CUSTOM EXPENSE	153	12.0	141,679	111	0.9
TOTAL CUSTOM EXPENSE FERTILIZER	111	8.7	115,736	91	0.7
TOTAL CUSTOM EXPENSE LIME	69	5.4	25,943	20	0.2
MARKETING AND TRANSPORTATION	NA	NA	499,508	392	3.1
MARKETING CONTAINERS FOR CROP, FRUITS AND VEGETABLES	24	1.9	54,349	43	0.3
TRANSPORTATION AND MARKETING EXPENSE	NA	NA	445,159	349	2.8
TOTAL FRUITS & VEGETABLES MARKETED	25	2.0	108,079	85	0.7
TOTAL MARKET CHANNELING	5	0.4	22,487	18	0.1
FRUITS, BERRIES OR NUTS	2	0.1	14,944	12	0.1
VEGETABLES FOR FRESH USE	3	0.2	6,561	5	0.0
VEGETABLES FOR PROCESSING	1	0.1	914	1	0.0
DRY BEANS AND PEAS	0	0.0	0	0	0.0
POTATOES	0	0.0	69	0	0.0
TOTAL MARKETING PREPARATION	8	0.6	7,042	6	0.0
FRUITS, BERRIES OR NUTS	1	0.1	1,932	2	0.0
VEGETABLES FOR FRESH USE	7	0.5	3,990	3	0.0
VEGETABLES FOR PROCESSING	0	0.0	1,055	1	0.0
DRY BEANS AND PEAS	0	0.0	0	0	0.0
POTATOES	0	0.0	66	0	0.0
TOTAL TRANSPORTATION	16	1.3	78,550	62	0.5
FRUITS, BERRIES OR NUTS	11	0.9	52,343	41	0.3
VEGETABLES FOR FRESH USE	3	0.2	24,728	19	0.2
VEGETABLES FOR PROCESSING	0	0.0	1,119	1	0.0
DRY BEANS AND PEAS	0	0.0	0	0	0.0
POTATOES	2	0.1	360	0	0.0

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
SOUTH REGION

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
TOTAL FIELD CROP MARKETING	321	25.2	207,932	163	1.3
TOTAL MARKET CHANNEL FIELD CROPS	243	19.0	51,134	40	0.3
MARKET CHANNEL COTTON	30	2.4	9,291	7	0.1
MARKET CHANNEL TOBACCO	179	14.0	30,836	24	0.2
MARKET CHANNEL CORN	2	0.2	206	0	0.0
MARKET CHANNEL SMALL GRAINS	6	0.5	833	1	0.0
MARKET CHANNEL SOYBEANS	21	1.6	2,959	2	0.0
MARKET CHANNEL HAY	1	0.1	175	0	0.0
MARKET CHANNEL SUGAR BEETS AND OTHER CROPS	22	1.7	6,836	5	0.0
TOTAL MARKET PREP FIELDS CROPS	92	7.2	126,232	99	0.8
MARKET PREP COTTON	52	4.1	89,349	70	0.6
MARKET PREP CORN	8	0.6	3,571	3	0.0
MARKET PREP SMALL GRAINS	9	0.7	1,246	1	0.0
MARKET PREP SOYBEANS	6	0.4	1,078	1	0.0
MARKET PREP HAY	3	0.2	909	1	0.0
MARKET PREP TOBACCO, SUGAR BEETS AND OTHER CROPS	36	0.8	30,078	23	0.2
TOTAL TRANSPORT FIELD CROPS	138	10.8	30,566	24	0.2
TRANSPORT COTTON	10	0.8	2,365	2	0.0
TRANSPORT CORN	12	0.9	1,654	1	0.0
TRANSPORT SMALL GRAINS	13	1.0	5,290	4	0.0
TRANSPORT SOYBEANS	20	1.5	4,762	4	0.0
TRANSPORT HAY	27	2.1	6,013	5	0.0
TRANSPORT TOBACCO, SUGAR BEETS AND OTHER CROPS	73	5.8	10,483	8	0.0
LIVESTOCK AND LIVESTOCK PRODUCTS EXPENSE	479	37.5	125,661	99	0.8
TOTAL OTHER MARKETING LIVESTOCK EXPENSE	351	27.5	45,598	36	0.3
CATTLE AND CALVES	323	25.3	33,598	26	0.2
HOGS & FEEDER PIGS	45	3.5	3,634	3	0.0
SHEEP AND LAMBS	9	0.7	583	0	0.0
MILK AND DAIRY PRODUCTS	11	0.8	5,707	4	0.0
EGG AND POULTRY PRODUCTS	1	0.1	259	0	0.0
WOOL, MOHAIR, HONEY AND OTHER LIVESTOCK PRODUCTS	4	0.2	1,818	1	0.0
LIVESTOCK AND LIVESTOCK PRODUCTS TRANSPORT	339	26.6	80,063	63	0.5
CATTLE AND CALVES	289	22.6	24,778	19	0.2
HOG AND FEEDER PIGS	39	3.1	3,037	2	0.0
SHEEP AND LAMBS	8	0.6	218	0	0.0
MILK AND DAIRY PRODUCTS	28	2.2	44,701	35	0.3
EGGS AND POULTRY PRODUCTS	3	0.2	4,166	3	0.0
WOOL, MOHAIR, HONEY AND OTHER LIVESTOCK PRODUCTS	3	0.2	3,163	2	0.0
OTHER COMMODITIES	2	0.2	2,055	2	0.0
TOTAL OTHER MARKET EXPENSE	0	0.0	5	0	0.0
TOTAL TRANSPORT	2	0.2	2,051	2	0.0

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
SOUTH REGION

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
TOTAL MKTG EQUIP NOT REPORTED	13	1.0	1,432	1	0.0
EQUIPMENT & OTHER FARM SUPPLIES WITH TRANSPORTATION NOT REPORTED ELSEWHERE	8	0.6	1,101	1	0.0
EQUIPMENT & OTHER FARM SUPPLIES WITH EXPENSE NOT REPORTED ELSE- WHERE	5	0.4	330	0	0.0
PESTICIDES USED IN STORAGE BLDG	221	17.4	8,955	7	0.1
MOTOR VEHICLES ON FARMS TOTAL NET EXPENDITURES					
TOTAL CARS	237	18.6	518,873	407	3.3
NEW CARS	102	8.0	347,831	273	2.2
FARM BUSINESS	NA	NA	50,411	40	0.3
FAMILY USE	NA	NA	256,484	201	1.6
NON-FARM BUSINESS	NA	NA	40,936	32	0.3
USED CARS	135	10.6	171,042	134	1.1
FARM BUSINESS	NA	NA	21,626	17	0.2
FAMILY USE	NA	NA	127,689	100	0.8
NON-FARM BUSINESS	NA	NA	21,727	17	0.2
TOTAL TRUCKS	171	13.4	335,283	263	2.1
NEW TRUCKS	95	7.5	274,649	215	1.7
FARM BUSINESS	NA	NA	180,651	142	1.2
FAMILY USE	NA	NA	50,428	40	0.3
NON-FARM BUSINESS	NA	NA	43,570	33	0.2
USED TRUCKS	76	5.9	60,634	48	0.4
FARM BUSINESS	NA	NA	42,067	33	0.3
FAMILY USE	NA	NA	8,705	7	0.1
NON-FARM BUSINESS	NA	NA	9,862	8	0.1
TOTAL TRACTORS	136	10.6	376,428	295	2.4
NEW TRACTORS	49	3.9	220,122	173	1.4
USED TRACTORS	87	6.8	156,306	123	1.0
OTHER MOTOR VEHICLES	12	1.0	25,555	20	0.2
FARM SHARE OF ABOVE EXPENDITURES (INCLUDES REGISTRATION AND INSURANCE)	NA	NA	796,848	625	5.0
CARS	NA	NA	100,309	79	0.6
TRUCKS	NA	NA	307,976	241	1.9
TRACTORS	136	10.6	376,428	295	2.4
OTHER	NA	NA	12,135	10	0.1
FARM MACHINERY & IMPLEMENTS	458	35.9	586,227	460	3.7
TILLAGE	178	13.9	118,578	93	0.7
ONE-WAY MOLDBOARD PLOWS	29	2.3	11,397	9	0.1
NEW	9	0.7	6,769	5	0.0
USED	20	1.6	4,628	4	0.0

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
SOUTH REGION

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
TWO-WAY MOLDBOARD PLOWS	7	0.5	2,279	2	0.0
NEW	1	0.1	1,109	1	0.0
USED	6	0.5	1,170	1	0.0
ONE-WAY DISK PLOWS	14	1.1	3,368	3	0.0
NEW	2	0.2	1,680	1	0.0
USED	12	0.9	1,688	1	0.0
REVERSIBLE DISK PLOWS	3	0.2	1,228	1	0.0
NEW	0	0.0	71	0	0.0
USED	3	0.2	1,158	1	0.0
DISK HARROWS, TANDEM, 4 GANG	45	3.6	32,209	25	0.2
NEW	19	1.5	21,589	17	0.1
USED	27	2.1	10,619	8	0.1
OFFSET DISK HARROWS	10	0.8	8,648	7	0.1
NEW	6	0.5	7,331	6	0.0
USED	4	0.3	1,317	1	0.0
SINGLE DISK HARROWS	9	0.7	1,399	1	0.0
NEW	2	0.1	850	1	0.0
USED	7	0.6	550	0	0.0
FIELD CULTIVATORS	19	1.5	8,713	7	0.1
NEW	12	1.0	7,592	6	0.0
USED	6	0.5	1,122	1	0.0
CHISELS, PLOWS, DEEP TILLAGE SWEEP	15	1.2	10,527	8	0.1
NEW	11	0.9	9,678	8	0.1
USED	4	0.3	849	1	0.0
SPIKE-TOOTH HARROWS	7	0.5	1,596	1	0.0
NEW	4	0.3	1,406	1	0.0
USED	2	0.2	191	0	0.0
SPRING-TOOTH HARROWS	4	0.3	1,170	1	0.0
NEW	2	0.2	949	0	0.0
USED	2	0.1	220	0	0.0
TINE-TOOTH HARROWS	0	0.0	46	0	0.0
NEW	0	0.0	32	0	0.0
USED	0	0.0	15	0	0.0
ROTARY HOE	4	0.3	2,352	2	0.0
NEW	2	0.1	1,547	1	0.0
USED	3	0.2	805	1	0.0
ROW CULTIVATORS	21	1.7	13,764	11	0.1
NEW	10	0.8	10,180	8	0.1
USED	11	0.9	3,584	3	0.1
ROLLER HARROWS & ROLLER PACKERS	4	0.3	2,956	2	0.0
NEW	2	0.2	2,332	2	0.0
USED	2	0.2	625	0	0.0
ALL OTHER TILLAGE EQUIPMENT	52	4.0	16,924	13	0.1

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
SOUTH REGION

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
PLANTING AND FERTILIZING	112	8.8	74,383	58	0.5
PLAIN GRAIN DRILLS	14	1.1	9,380	7	0.1
NEW	8	0.6	7,224	6	0.0
USED	6	0.5	2,156	2	0.0
PRESS GRAIN DRILLS	1	0.1	2,030	2	0.0
NEW	1	0.1	1,936	2	0.0
USED	0	0.0	94	0	0.0
OTHER GRAIN DRILLS, MULCH HOE OR LISTERS	2	0.1	333	0	0.0
NEW	0	0.0	135	0	0.0
USED	2	0.1	198	0	0.0
LIME & FERTILIZER SPREADERS	9	0.7	3,138	2	0.0
NEW	6	0.4	2,332	2	0.0
USED	4	0.3	806	1	0.0
ROW CROP PLANTERS-CORN	24	1.9	14,828	12	0.1
NEW	16	1.3	13,083	10	0.1
USED	8	0.6	1,745	1	0.0
ROW CROP PLANTERS-COTTON	5	0.4	5,200	4	0.0
NEW	2	0.2	3,940	3	0.0
USED	3	0.2	1,260	1	0.0
ROW CROP PLANTERS-VEGETABLES AND OTHER ROW CROPS	7	0.6	1,516	1	0.0
NEW	4	0.3	956	1	0.0
USED	3	0.2	560	0	0.0
LISTERS & BEDDERS	3	0.3	1,808	1	0.0
NEW	2	0.2	1,441	1	0.0
USED	1	0.1	367	0	0.0
MANURE SPREADERS	7	0.6	3,979	3	0.0
NEW	3	0.2	2,907	2	0.0
USED	5	0.4	1,072	1	0.0
POWER SPRAYERS FOR LIQUID FERTILIZERS & PESTICIDES	36	2.8	22,936	18	0.1
NEW	28	2.2	19,193	15	0.1
USED	7	0.6	3,743	3	0.0
SELF-PROPELLED SPRAYERS & DUSTERS	1	0.1	2,584	2	0.0
NEW	1	0.1	2,386	1	0.0
USED	2	0.1	199	2	0.0
POWER DRIVEN DUSTERS, ROW CROP PLANTERS-POTATO, ALL OTHER PLANTING & SPREADING EQUIP	24	1.8	6,649	5	0.0

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
SOUTH REGION

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
HARVESTING	54	4.3	211,750	166	1.3
COMBINES WITH GRAIN HEAD	15	1.2	92,010	72	0.6
NEW	6	0.5	69,425	54	0.4
USED	9	0.7	22,585	18	0.1
COMBINES WITH CORN HEAD	2	0.1	8,796	7	0.1
NEW	1	0.1	4,837	4	0.0
USED	1	0.1	3,958	3	0.0
COMBINE HEAD-GRAIN HEAD	4	0.3	8,453	7	0.1
NEW	1	0.1	6,058	5	0.0
USED	2	0.2	2,395	2	0.0
COMBINE HEAD-CORN HEAD	2	0.2	4,735	4	0.0
NEW	1	0.1	3,933	3	0.0
USED	1	0.1	801	1	0.0
WINDROWER OR SWATHER	3	0.2	4,856	4	0.0
NEW	1	0.0	2,038	2	0.0
USED	2	0.2	2,818	2	0.0
FORAGE HARVESTER WITH ROW CROP HEAD	5	0.4	6,531	5	0.0
NEW	1	0.1	2,823	2	0.0
USED	3	0.3	3,708	3	0.0
FORAGE HARVESTER WITH HAY PICKUP OR CUTTER BAR	1	0.1	2,004	2	0.0
NEW	1	0.1	1,938	2	0.0
USED	0	0.0	66	0	0.0
ATTACHMENTS FOR FORAGE HARVESTER	1	0.1	885	1	0.0
NEW	1	0.0	716	1	0.0
USED	0	0.0	169	0	0.0
CORN PICKER OR SNAPPER	3	0.3	1,544	1	0.0
NEW	0	0.0	320	0	0.0
USED	3	0.2	1,224	1	0.0
CORN PICKER-SHELLER	1	0.1	352	0	0.0
NEW	0	0.0	0	0	0.0
USED	1	0.1	352	0	0.0
ALL OTHER HARVESTING EQUIPMENT	27	2.1	81,583	64	0.5
HAYING	81	6.4	77,538	61	0.5
MOWERS-CUTTER BAR TYPE	32	2.5	12,102	9	0.1
NEW	13	1.0	8,392	7	0.1
USED	19	1.5	3,710	3	0.0
MOWERS-OTHER	17	1.4	6,210	5	0.0
NEW	12	0.9	4,412	3	0.0
USED	6	0.5	1,797	1	0.0
SIDE DELIVERY RAKES	18	1.4	7,694	6	0.0
NEW	10	0.7	5,572	4	0.0
USED	9	0.7	2,122	2	0.0

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
SOUTH REGION

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
HAY CONDITIONERS	6	0.5	6,273	5	0.0
NEW	2	0.2	4,658	4	0.0
USED	4	0.3	1,615	1	0.0
MOWER CONDITIONERS	4	0.3	8,753	7	0.1
NEW	3	0.3	8,343	7	0.1
USED	0	0.0	410	0	0.0
PICKUP BALERS	16	1.3	27,203	21	0.2
NEW	9	0.7	19,670	15	0.1
USED	8	0.6	7,533	6	0.0
ALL OTHER HAYING MACHINES	17	1.4	9,304	7	0.1
POWER FARM SHOP EQUIPMENT	125	9.8	31,202	24	0.2
CHAIN POWER SAWS	99	7.8	17,223	14	0.1
HAND-TYPE CIRCULAR POWER SAWS	34	2.7	1,368	1	0.0
OTHER HAND-TYPE	11	0.9	490	0	0.0
OTHER POWER SAWS	11	0.8	1,215	1	0.0
HAND-TYPE ELECTRIC DRILL	48	3.8	1,390	1	0.0
DRILL PRESS	1	0.1	210	0	0.0
POWER GRINDERS	8	0.6	359	0	0.0
IMPACT WRENCHES-ELECTRIC OR AIR	3	0.2	464	0	0.0
AIR COMPRESSOR	10	0.8	1,623	1	0.0
ELECTRIC ARC WELDER	17	1.3	2,441	2	0.0
ACETYLENE WELDER	5	0.4	837	1	0.0
BATTERY CHARGERS	27	2.1	789	1	0.0
ALL OTHER POWER SHOP EQUIPMENT	19	1.5	2,794	2	0.0
OTHER FARM MACHINERY & IMPLEMENTS	121	9.5	72,777	57	0.5
POWER UNLOADING WAGONS	7	0.5	7,258	6	0.0
GRAVITY UNLOADING WAGONS	11	0.8	3,695	3	0.0
WAGONS, CHASSIS ONLY	20	1.6	5,085	4	0.0
WAGON BOXES, RACKS, BEDS	22	1.8	7,291	6	0.0
CORN SHELLERS	0	0.0	80	0	0.0
HAMMER MILLS	2	0.2	539	0	0.0
FEED GRINDERS & CRUSHERS	2	0.1	1,463	1	0.0
FEED MIXERS	1	0.1	1,872	1	0.0
COMBINATION FEED MIXERS & GRINDERS	2	0.2	4,582	4	0.0
CROP DRYERS	2	0.1	5,183	4	0.0
FORAGE & GRAIN BLOWERS	0	0.0	297	0	0.0
FARM ELEVATORS-CHAIN TYPE	5	0.4	1,092	1	0.0
FARM ELEVATOR-AUGER TYPE	6	0.5	1,569	1	0.0
TRACTOR MOUNTED LOADERS	4	0.3	2,883	2	0.0
POSTHOLE DIGGERS	14	1.1	2,664	2	0.0
SILO UNLOADERS	1	0.1	1,536	1	0.0
MECHANICAL BARN CLEANERS	0	0.0	163	0	0.0
ELECTRIC MOTORS NOT REPORTED ELSEWHERE	12	0.9	2,994	2	0.0
INTERNAL COMBUSTION ENGINES NOT REPORTED ELSEWHERE	4	0.3	1,997	2	0.0
ALL OTHER MACHINERY & EQUIPMENT	40	3.2	20,530	16	0.0
MACHINE HIRE & CUSTOM WORK	542	42.5	286,037	224	1.8
SEED BED PREPARATION	123	9.0	17,218	14	0.1
STALK SHREDDING	9	0.7	487	0	0.0
PLOWING	63	4.9	5,740	5	0.0
DISKING	81	6.3	7,540	6	0.0
SEED BED FINISHING WITH HARROWS	19	1.5	2,610	2	0.0
OTHER TILLAGE OPERATIONS	8	0.6	841	1	0.0

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
SOUTH REGION

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
PLANTING OR SEEDING	73	5.7	9,452	7	0.1
CROP CULTIVATION	33	2.6	3,961	3	0.0
CROP HARVESTING	391	30.6	219,646	172	1.4
MOWING, CRUSHING OR CONDITIONING	44	3.4	4,180	3	0.0
WINDROWING, SWATHING OR RAKING	32	2.5	5,614	4	0.0
BALING HAY, STRAW & OTHER FORAGE	215	16.9	64,615	51	0.4
FIELD CHOPPING	6	0.5	3,907	3	0.0
SILAGE MAKING	10	0.8	4,652	4	0.0
COMBINING	107	8.4	74,614	59	0.5
CORN HARVESTED USING COMBINE	52	4.1	21,353	17	0.1
CORN HARVESTED USING CORN PICKER	34	2.7	4,715	4	0.0
THRESHING	18	1.4	5,833	5	0.0
MECHANICAL COTTON PICKING OR STRIPPING	29	2.2	22,318	18	0.1
OTHER HARVESTING	2	0.2	7,845	6	0.0
OTHER MACHINE HIRE & CUSTOM WORK	162	12.7	35,760	28	0.2
FEED GRINDING & MIXING	68	5.3	10,699	8	0.1
CORN SHELLING	1	0.0	120	0	0.0
MANURE HAULING & SPREADING	10	0.8	2,242	2	0.0
FERTILIZING	20	1.5	1,624	1	0.0
ALL OTHER MACHINE & CUSTOM HIRED WORK	78	6.1	21,075	17	0.1
PORTION OF TOTAL EXPENSE FOR MACHINE RENTAL OR LEASING	24	1.9	7,500	6	0.0
PETROLEUM PRODUCTS-FARM USE	1,110	87.1	678,773	532	4.3
TOTAL EXPENSE GASOLINE-FARM USE	1,100	86.2	411,907	323	2.6
TOTAL GAS FARM USE	629	49.3	62,529	49	0.4
TOTAL TRUCK GAS FARM USE	851	66.8	208,336	163	1.3
TOTAL TRACTOR GAS ALL FARM USE	662	51.9	123,257	97	0.8
TOTAL OTHER ENGINE GAS-FARM USE	147	11.5	17,785	14	0.1
TOTAL EXPENSE GASOLINE FAMILY USE	1,087	85.3	275,064	216	0.6
TOTAL AUTO GAS	934	73.2	227,980	179	1.4
TOTAL TRUCK GAS	432	33.9	47,084	37	0.3
COST DIESEL FUEL MOTOR PURPOSES	NA	NA	132,199	104	0.8
DIESEL FUEL FARM USE	256	20.0	100,144	79	0.6
DIESEL-KEROSENE ALL FARM	81	6.3	32,055	25	0.2
OTHER FUEL	NA	NA	82,930	65	0.5
TOTAL COST MOTOR OIL	1,065	83.5	38,351	30	0.2
COST MOTOR OIL AT SERVICE STATION	718	56.3	10,710	8	0.1
COST MOTOR OIL IN BULK OR CANS	493	38.6	27,641	22	0.2
TOTAL COST MOTOR OIL-FAMILY USE	1,051	82.4	17,300	14	0.1
TOTAL COST GREASE	548	43.0	13,386	10	0.1
COST GREASE IN CAN OR PAIL	373	29.2	9,511	7	0.1
COST GREASE IN CARTRIDGE	204	16.0	3,874	3	0.0

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
SOUTH REGION

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
OTHER OPERATING EXPENSES FOR MOTOR VEHICLES & FARM MACHINERY	1,070	83.9	481,427	377	3.0
NEW TIRES, INCLUDING TUBES	714	56.0	96,440	76	0.6
USED & RECAPPED TIRES	292	22.9	9,706	8	0.1
TIRE CHAINS	20	1.5	336	0	0.0
TOTAL ANTIFREEZE, FARM SHARE	914	71.7	6,992	5	0.0
PERMANENT ANTI-FREEZE	906	71.0	6,913	5	0.0
ALCOHOL ANTI-FREEZE	10	0.8	80	0	0.0
TOTAL ALL BATTERIES, FARM SHARE	594	46.6	24,143	19	0.2
12-VOLT BATTERIES	514	40.3	20,618	16	0.1
6-VOLT BATTERIES	152	11.9	3,525	3	0.0
SPARK PLUGS	627	49.1	7,983	6	0.1
TOTAL OIL FILTERS	841	65.9	14,955	12	0.1
SPIN-ON OIL FILTERS	766	60.0	12,280	10	0.1
REPLACEABLE ELEMENT OIL FILTERS	193	15.1	2,675	2	0.0
AIR FILTERS	258	20.3	3,272	3	0.0
LUBRICATION JOBS	707	55.4	5,453	4	0.0
BRAKE RELININGS	221	17.3	7,961	6	0.1
MUFFLERS, EXHAUST PIPES, & TAIL PIPES	357	28.0	7,713	6	0.0
TOTAL ENGINE OVERHAUL	188	14.7	72,047	56	0.5
TOTAL ALL OTHER REPAIRS	640	50.2	224,427	176	1.4
TOTAL HAND TOOL EQUIP AND SUPPLY	649	50.9	73,335	58	0.5
HAND DUSTERS	14	1.1	118	0	0.0
HAND SPRAYERS	76	6.0	1,175	1	0.0
HOES GARDEN WEEDING	134	10.5	1,176	1	0.0
OTHER HAND WEEDING TOOLS	24	1.8	168	0	0.0
PRUNING EQUIPMENT	28	2.2	402	0	0.0
FORKS	52	4.0	513	0	0.0
SPADES	21	1.6	266	0	0.0
SHOVELS	107	8.4	985	1	0.0
GRAIN SCOOPS	39	3.0	648	1	0.0
OTHER HAND RAKES, FORKS, SHOVELS OR SCOOPS	54	4.3	438	0	0.0
HAND FENCING TOOLS	67	5.3	1,263	1	0.0
AXES, PICKS & MATTOCKS	96	7.6	780	1	0.0
HAMMERS	108	8.4	825	1	0.0
HANDSAWS	51	4.0	511	0	0.0
HANDLES FOR HANDTOOLS	124	9.7	768	1	0.0
PAINT BRUSHES, PAINT ROLLERS, SCRAPERS, ETC	70	5.5	696	1	0.0
WRENCHES & PLIERS	206	16.1	10,301	8	0.1
GREASE GUNS & OIL CANS	95	7.4	1,104	1	0.0
FUEL BARRELS, TANKS & PUMPS	21	1.6	848	1	0.0
FIRE EXTINGUISHERS	23	1.8	1,555	1	0.0
JACKS & HOISTS	61	4.8	2,170	2	0.0
LADDERS FOR FARM USE	49	3.8	1,019	1	0.0
FIELD BOXES, CRATES & BAGS	6	0.5	515	0	0.0
BALING WIRE	20	1.5	6,299	5	0.0

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
SOUTH REGION

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
BALING TWINE, SISAL & HEMP	109	8.6	10,275	8	0.1
BALING TWINE, SYNTHETIC OR PLASTIC	14	1.1	837	1	0.0
BINDER TWINE	10	0.8	780	1	0.0
OTHER TWINE, BALL, SPOOL & ETC	49	3.9	1,712	1	0.0
TOTAL ROPE	67	5.3	614	0	0.0
ROPE-MANILA	57	4.4	437	0	0.0
ROPE-SYNTHETIC	13	1.0	177	0	0.0
STEEL CABLE	6	0.5	425	0	0.0
STEEL CHAIN	43	3.4	1,515	1	0.0
POLYETHLENE FILM	126	9.9	3,025	2	0.0
ALL OTHER EQUIPMENT	126	9.9	19,609	15	0.1
FENCING EXPENSES	NA	NA	150,254	118	0.9
FENCING MATERIALS	632	49.6	123,158	97	0.8
2 POINT BARBED WIRE	122	9.5	8,927	7	0.1
4 POINT BARBED WIRE	276	21.6	18,611	15	0.1
FIELD STOCK FENCE	124	9.7	19,728	15	0.1
POULTRY NETTING & FENCING	21	1.6	846	1	0.0
STEEL FENCE POST	112	8.7	12,604	10	0.1
WOOD FENCE POST	218	17.1	29,287	23	0.2
CONCRETE POST	4	0.3	261	0	0.0
FENCE STAPLES, FASTNERS	368	28.8	2,558	2	0.0
WOOD GATES	19	1.5	992	1	0.0
METAL GATES	87	6.8	5,801	5	0.0
BRACES, ANCHORS & WIRE	16	1.3	397	0	0.0
ELECTRIC FENCE CHARGERS	78	6.1	2,861	2	0.0
ELECTRIC FENCE INSULATORS	109	8.5	2,135	2	0.0
BOARDS & OTHER LUMBER FOR FENCES & GATES	74	5.8	10,016	8	0.1
OTHER FENCING MATERIALS	59	4.6	8,133	6	0.1
FENCING CONSTRUCTION COSTS	95	7.5	18,034	14	0.1
CONTRACT CONSTRUCTION OF FENCES	13	1.0	5,217	4	0.0
LABOR HIRED ESPECIALLY FOR BUILDING FENCES	82	6.5	12,559	10	0.1
EQUIPMENT RENTED FOR BUILDING FENCES	4	0.3	259	0	0.0
TOTAL OTHER FENCING LANDLORD	57	4.4	9,063	7	0.1
CONSTRUCTION EXPENDITURES-BLDG & IRR	NA	NA	226,894	178	1.4
CONSTRUCTION-OP ONLY	136	10.6	220,211	173	1.4
TOTAL MATERIALS-ALL BUILDINGS	119	9.3	83,154	65	0.5
TOTAL LAROR SERVICES-ALL BUILDING	47	3.7	17,791	14	0.1
TOTAL EXPENSES UNITEMIZED-ALL BUILDING	38	3.0	119,266	94	0.8
CONSTRUCTION-LL ONLY	6	0.5	6,683	5	0.0
FARM MAINTENANCE-BUILDING & PROPERTY	NA	NA	67,594	53	0.4
TOTAL MAINTENANCE EXPENSES-FARM HUILDING	277	21.7	57,630	45	0.4
MAINTENANCE-LL ONLY	36	2.8	9,964	8	0.1

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
SOUTH REGION

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
FARM IMPROVEMENTS	NA	NA	288,057	226	1.8
IMPROVEMENTS-OPERATOR ONLY	366	29.7	260,755	204	1.7
TRENCH SILUS	3	0.3	608	0	0.0
LAND CLEARED	66	5.2	73,990	58	0.5
TOTAL FIELD & DRAINAGE PIPE	4	0.3	631	0	0.0
PLASTIC DRAINAGE PIPE	2	0.1	194	0	0.0
CLAY DRAINAGE PIPE	0	0.0	28	0	0.0
CONCRETE DRAINAGE PIPE	2	0.2	409	0	0.0
TOTAL OTHER IMPROVEMENTS	326	25.6	175,872	138	1.1
ROADS OR LANES	95	7.5	13,811	11	0.1
IMPROVED FEEDING LOTS OR FEEDING FLOORS	10	0.7	3,045	2	0.0
LAGOONS OR HOLDING PONDS FOR WASTE DISPOSAL OR POLLUTION CONTROL	6	0.5	2,274	2	0.0
DRAINAGE DITCHES	23	1.8	8,775	7	0.1
DRAINAGE TILE LINES	5	0.4	2,085	2	0.0
LEVEES OR DIKES	5	0.4	2,444	2	0.0
OTHER DRAINAGE OR FLOOD CONTROL FACILITIES	7	0.6	3,292	3	0.0
TERRACES	6	0.5	2,832	2	0.0
OTHER SOIL CONSERVATION WORK EXCEPT SEED & FERTILIZER	16	1.2	11,644	9	0.1
IRRIGATION FACILITIES:	38	3.0	66,916	52	0.4
PUMPS INCLUDING MOTORS	4	0.3	21,968	7	0.1
PIPES, SPRINKLERS & FITTINGS	12	0.9	13,725	11	0.1
WELLS, EXCLUDING PUMPS	5	0.4	4,615	4	0.0
PERMANENT DITCHES, FLUMES ETC	2	0.2	1,191	1	0.0
DAMS OR PONDS	8	0.6	3,194	3	0.0
LAND LEVELING	2	0.2	2,384	2	0.0
OTHER IRRIGATION FACILITIES	8	0.6	6,453	5	0.0
TOTAL UNITEMIZED IRRIGATION	5	0.4	13,385	10	0.1
NON-IRRIGATION WATER FACILITIES	204	16.0	58,753	46	0.4
PUMPS	111	8.7	14,820	12	0.1
WELLS, EXCLUDING PUMPS	29	2.3	14,694	12	0.1
PERMANENT TANKS & CISTERNS	6	0.5	1,622	1	0.0
WATER LINES	42	3.3	3,719	3	0.0
PONDS OR DAMS	36	2.8	16,169	13	0.1
WINDMILLS	13	1.0	2,042	2	0.0
WATER SYSTEMS COMPLETE	7	0.5	4,126	3	0.0
OTHER WATER FACILITIES	14	1.1	1,562	1	0.0
DYNAMITE OR OTHER EXPLOSIVES & ALL OTHER IMPROVEMENTS	10	0.9	9,654	7	0.1
IMPROVEMENTS-LANDLORD ONLY	39	3.1	27,302	21	0.2
TOTAL IRRIGATION FEES	4	0.3	3,507	3	0.0
OPERATOR	3	0.2	2,641	2	0.0
LANDLORD	1	0.1	866	1	0.0

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
SOUTH REGION

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
TOTAL COST OF BUILDING MATERIALS BOUGHT	577	45.2	154,936	121	1.0
NAILS, SPIKES, ETC.	481	37.7	5,057	4	0.0
TOTAL PAINT	121	9.5	8,620	7	0.1
PORTLAND CEMENT	58	4.5	1,496	1	0.0
SAND GRAVEL & ROCKS	43	3.3	2,832	2	0.0
READY MIXED CONCRETE	39	3.0	16,158	13	0.0
TOTAL BUILDING BLOCKS	34	2.6	11,491	9	0.1
TOTAL BRICKS	2	0.1	329	0	0.0
TOTAL ROOFING & SIDING	118	9.3	41,809	33	0.3
GALVANIZED STEEL ROOFING	80	6.2	13,848	11	0.1
ALUMINUM ROOFING	13	1.0	22,170	17	0.1
ASPHALT SHINGLES & MINERAL SURFACE	16	1.3	1,734	1	0.0
WOOD DROP & BEVEL SIDING	2	0.2	192	0	0.0
ALUMINUM SIDING	2	0.2	2,581	2	0.0
HARD BOARD SIDING, INCLD PRIME	3	0.2	358	0	0.0
ALL OTHER ROOFING & SIDING & SHAKES	7	0.5	926	1	0.0
COMPOSITION ROOFING	44	3.5	1,370	1	0.0
PLYWOOD	NA	NA	4,598	4	0.0
INSULATION BOARD	3	0.3	930	1	0.0
HARDBOARD & OTHER	NA	NA	805	1	0.0
TOTAL PIPE	40	3.1	13,875	11	0.1
COPPER PIPE	4	0.4	340	0	0.0
IRON PIPE	12	1.0	9,289	7	0.0
PLASTIC PIPE	35	2.5	4,246	3	0.0
FRAMING AND DIMENSION LUMBER	43	3.4	10,941	9	0.1
ROUGH & PLAIN DRESSED BOARDS	97	7.6	18,865	15	0.1
TOTAL FLOORING	2	0.1	292	0	0.0
OTHER TONGUE AND GROOVE BOARDS	4	0.3	450	0	0.0
TOTAL WINDOW UNITS	9	0.7	539	0	0.0
TOTAL ELECTRIC WIRE	68	5.3	4,408	3	0.0
OTHER ELECTRICAL MATERIALS	50	4.0	2,038	2	0.0
GUTTERING, FLASHING, DOWNSPOUT	7	0.6	514	0	0.0
OTHER HARDWARE	61	4.8	1,042	1	0.0
GYPSUM BOARD & OTHER BUILDING MATERIALS	38	2.9	6,472	5	0.0
CUSTOM SAWING DONE ON FARM	29	2.3	2,504	2	0.0
TOTAL LABOR HIRED PERQUISITES	629	49.3	1,772,082	1,389	11.1
TOTAL CASH WAGES PAID HIRED LABOR	609	47.8	1,403,512	1,101	8.9
TOTAL PERQUISITES FURNISHED	182	14.3	141,124	111	0.9
CASH VALUE OF BOARD FURNISHED HIRED LABOR	89	7.0	37,445	29	0.2
CASH VALUE OF HOUSING OR OTHER LODGING FURNISHED HIRED LABOR	75	5.9	57,116	45	0.4
CASH VALUE OF FUEL, TRANSPORT- ATION, PHONE, ELECTRICITY AND OTHER SERVICES FOR HIRED LABOR	73	5.8	23,053	18	0.1
FOOD, MEAT, MILK, & VEGETABLES FOR HIRED LABOR	44	3.5	9,273	7	0.1
ALL OTHER ITEMS FOR HIRED LABOR	26	2.0	14,238	11	0.1
CONTRACT LABOR EXPENSE	68	5.3	227,449	178	1.4

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
SOUTH REGION

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
FARM BUSINESS EXPENSES:	923	72.3	375,522	294	2.4
FARM RECORD KEEPING EXPENSE	47	3.7	33,312	26	0.2
PREPARATION OF INCOME TAX RETURNS	699	54.8	29,324	23	0.2
POSTAGE TELEGRAMS, TELETYPE, ETC FOR FARM BUSINESS EXPENSES	156	12.3	4,429	3	0.0
TELEPHONE, FARM BUSINESS EXPENSES	564	44.2	53,917	42	0.3
ELECTRICITY, FARM BUSINESS	611	47.9	133,994	105	0.8
SOIL TESTING EXPENSES	42	3.3	462	0	0.0
SEED CERTIFICATION EXPENSES	4	0.3	90	0	0.0
OTHER FARM MANAGEMENT SERVICES	6	0.4	6,338	5	0.0
NOTARY PUBLIC FEES, ATTORNEY OR OTHER LEGAL FEES FOR THE FARM	78	6.1	15,554	12	0.1
BUYING OR SELLING FARM REAL ESTATE	23	1.8	17,663	14	0.1
CATALOGUES, SALE BILLS OR OTHER ADVERTISEMENTS FOR THE FARM	31	2.4	5,515	4	0.0
FEES TO MILK MARKETING OR OTHER ASSOCIATIONS OR TO STATES FOR PROMOTION, ADVERTISING AND OTHER PURPOSES	27	2.1	8,199	6	0.1
LICENSE FEES FOR FARM BUSINESS	29	2.3	1,063	1	0.0
DUES TO FARM ORGANIZATIONS, UNIONS, ETC	285	22.4	8,233	6	0.1
EXPENSES WHILE TRAVELING ON FARM BUSINESS EXCLUDING GASOLINE	83	6.5	16,449	13	0.1
TECHNICAL BOOKS, PERIODICALS BULLETINS, ETC FOR FARM BUSINESS	182	14.3	3,371	3	0.0
LOSSES SUCH AS PAYMENTS ON FARM PROPERTY REPOSSESSED BY OTHERS, FORFEITED DOWN PAYMENTS ON FARM PROPERTY, ETC.	2	0.2	2,388	2	0.0
TWO-WAY RADIO EQUIPMENT AND OPERATING EXPENSES	7	0.6	2,474	2	0.0
DAMAGES PAID TO OTHERS NOT COVERED BY INSURANCE FOR LOSS OR INJURY CONNECTED WITH YOUR FARM OPERATION	7	0.6	725	1	0.0
ALL OTHER FARM BUSINESS EXPENSES	42	3.3	32,023	25	0.2
EXPENSE FOR INSURANCE, TAXES AND INTEREST-OPERATOR FARM SHARE	NA	NA	1,139,557	893	7.2
INSURANCE PREMIUMS FOR: HAIL AND OTHER INSURANCE ON GROWING CROPS	116	9.1	31,135	24	0.2
HOW MUCH WAS FEDERAL CROP INSURANCE	52	4.1	12,257	10	0.1
TOTAL FIRE WIND EXTENDED COVERAGE FIRE, WIND AND EXTENDED COVERAGE PROPERTY INSURANCE	738	57.8	140,381	110	0.9
HOW MUCH WAS INSURANCE ON YOUR DWELLING AND CONTENTS	666	52.3	67,061	53	0.4
	442	34.7	73,321	57	0.5

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
SOUTH REGION

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
EMPLOYER COMPENSATION INSURANCE	62	4.9	21,715	17	0.1
OTHER LIABILITY INSURANCE	99	7.8	13,925	11	0.1
LANDLORD CROP INSURANCE	55	4.3	3,302	3	0.0
LANDLORD FEDERAL CROP INSURANCE	1,190	93.3	1,190	1	0.0
TOTAL CROP INSURANCE OPERATOR AND LANDLORD	144	11.3	34,438	27	0.2
TOTAL FEDERAL CROP INSURANCE OPERATOR AND LANDLORD	1,190	93.3	13,447	11	0.1
TOTAL INSURANCE FARM OPERATOR	536	42.0	140,095	110	0.9
TOTAL INSURANCE FARM OPERATOR AND LANDLORD	553	43.4	143,399	112	0.9
TOTAL PROPERTY TAX	1,100	86.3	365,435	287	2.3
PERSONAL PROPERTY TAX	349	27.4	14,112	11	0.1
TOTAL FARM TAX	1,094	85.8	351,323	275	2.2
TOTAL FARM INTEREST	477	37.4	648,139	508	4.1
INTEREST ON FARM REAL ESTATE DEBT	308	24.2	376,178	295	2.4
INTEREST ON OTHER OPERATING LOANS	300	23.5	271,961	213	1.7
LANDLORD FARM SHARE FOR ABOVE EXPENSES	NA	NA	161,322	126	1.0

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
WEST REGION

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
TOTAL FARM EXPENDITURES	NA	NA	7,755,484	28,757	100.0
LIVESTOCK AND POULTRY EXPENDITURES	NA	NA	2,197,329	8,147	28.3
LIVESTOCK AND POULTRY PURCHASES	177	48.1	969,220	3,594	12.5
CATTLE AND CALVES	100	37.1	861,435	3,194	11.1
DAIRY CATTLE AND CALVES	25	9.2	145,318	539	1.7
BEEF CATTLE AND CALVES	63	23.4	390,708	1,449	4.6
STOCKER & FEEDER CATTLE & CALVES	23	8.5	325,409	1,207	3.8
HOGS AND PIGS	24	9.1	18,352	68	0.2
BREEDER HOGS	9	3.2	12,435	46	0.1
FEEDER HOGS AND PIGS	17	5.2	5,917	22	0.1
SHEEP AND LAMBS	18	6.6	59,071	219	0.8
FEEDER LAMBS	3	1.3	30,467	113	0.4
SHEEP AND OTHER LAMBS	15	5.5	28,604	106	0.3
POULTRY	19	7.0	16,337	61	0.2
BROILER CHICKS	6	2.1	240	1	0.0
EGG TYPE CHICKS & STARTED PULLETS	NA	NA	11,883	44	0.2
EGG TYPE CHICKS	10	3.7	5,651	21	0.1
STARTED PULLETS	4	1.4	6,232	23	0.1
TURKEYS (INCLUDING POULTS)	1	0.4	4,214	16	0.1
OTHER LIVESTOCK AND POULTRY	14	5.2	14,025	52	0.2
OTHER LIVESTOCK AND POULTRY SERVICES	160	59.3	146,780	544	1.9
VETERINARIAN SERVICES	106	39.4	23,166	86	0.3
SERUMS VACCINES TONICS & MEDICINES	121	45.0	24,800	92	0.3
ARTIFICIAL INSEMINATION	37	13.7	15,189	56	0.2
OTHER BREEDING FEES	17	6.1	1,903	7	0.0
LIVESTOCK PASTURING FEES	37	13.8	63,089	234	0.7
PAID TO FEDERAL AGENCIES	14	5.4	14,303	53	0.2
PAID TO OTHER FARMERS	22	8.1	32,138	119	0.4
PAID TO OTHERS	6	2.3	16,648	62	0.2
COW TESTING SERVICES	9	3.4	5,215	19	0.1
SHEARING SHEEPS OR GOATS	22	8.0	3,346	12	0.0
CULL CAPONIZE AND VACCINATE POULTRY	1	0.2	974	4	0.0
REGISTRATION OF LIVESTOCK AND POULTRY	21	7.7	2,004	7	0.0
OTHER SERVICES AND EXPENSES	27	9.9	7,094	26	0.1
FEED EXPENDITURES	NA	NA	992,322	3,680	12.8
GRAINS	77	28.6	143,285	531	1.8
CORN	14	5.1	32,358	120	0.4
OATS	33	12.2	7,749	29	0.1
BARLEY	39	14.6	61,526	228	0.7
SORGHUM GRAINS	5	1.9	19,574	73	0.2
WHEAT	11	4.1	13,164	49	0.2
OTHER GRAINS	10	3.6	8,914	33	0.1

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
WEST REGION

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
ROUGHAGE (INCLUDING ALFALFA MEAL)	107	39.7	293,329	1,088	3.8
ALFALFA HAY & ALFALFA MIXTURES	80	29.7	236,678	878	2.8
OTHER HAY	34	13.3	29,383	109	0.3
SILAGE	5	1.7	16,490	61	0.2
ALFALFA MEAL OR PELLETS	12	4.3	10,777	40	0.1
POULTRY FEED	35	13.0	96,036	356	1.2
LAYING FEED	28	10.2	78,842	292	0.9
OYSTER SHELL	12	4.5	251	1	0.0
CHICK STARTER	9	3.3	919	3	0.0
PULLET GROWER	3	1.2	7,531	28	0.1
BROILER FEEDS	3	1.1	616	2	0.1
STARTER	1	0.3	477	2	0.0
GROWER	2	0.8	81	0	0.0
FINISHER	1	0.3	58	0	0.0
TURKEY FEEDS	1	0.4	7,876	29	0.1
STARTER	1	0.3	295	1	0.0
GROWER	0	0.2	7,582	28	0.1
MIXED FEEDS AND SUPPLEMENTS	NA	NA	347,820	1,290	4.5
DAIRY FEED	33	12.2	219,271	813	2.8
TOTAL HOGS, SHEEP & BEEF FEEDS	NA	NA	128,549	477	1.7
HOG FEED	17	6.3	35,345	131	0.4
BEEF CATTLE FEED	39	14.4	74,117	275	0.9
SHEEP FEED	7	2.5	3,940	15	0.0
OTHER MIXED FEED	15	5.7	15,147	56	0.2
TOTAL PROTEIN FEEDS (EXCLUDING ALFALFA MEAL)	28	0.2	28,509	106	0.3
SOYBEAN MEAL	4	1.4	6,717	25	0.1
COTTONSEED MEAL	6	2.2	10,595	39	0.1
TOTAL ALL OTHER PROTEIN FEED	NA	NA	11,197	42	0.1
TANKAGE	1	0.2	25	0	0.0
UREA	1	0.4	84	0	0.0
MEAT SCRAP	1	0.2	4,279	16	0.1
LIQUID PROTEIN SUPPLEMENT	8	2.9	6,809	25	0.1
TOTAL GRAIN BY-PRODUCTS	1	0.5	172	1	0.0
CORN MEAL FOR FEED	0	0.0	177	1	0.0
TOTAL OTHER FEEDS	140	51.8	82,993	308	1.1
DRIED BEET PULP	11	3.9	6,893	26	0.1
DRIED CITRUS PULP	0	0.0	163	1	0.0
DRY MOLASSES	1	0.4	71	0	0.0
LIQUID MOLASSES	13	4.7	10,383	38	0.1
STOCK SALT	122	45.4	6,938	257	0.1
MILK REPLACER	25	9.4	4,676	17	0.1
MINERALS VITAMINS ANTIBIOTICS, ETC	44	16.2	15,331	57	0.2
OTHER FEEDS NOT SPECIFIED	23	8.6	38,538	143	0.5

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
WEST REGION

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
LIVESTOCK AND POULTRY EQUIPMENT	102	39.0	83,921	311	1.1
DAIRY EQUIPMENT	36	13.3	45,500	169	0.6
MILKING SYSTEMS COMPLETE	8	0.6	4,103	15	0.0
MILKER VACUUM PUMP	2	0.7	904	3	0.0
MILKER UNITS	1	0.5	1,329	5	0.0
MILK COOLERS	3	1.1	6,981	26	0.1
STANCHIONS OR MILKING STALLS	1	0.4	2,281	8	0.0
BULK FEED STORAGE EQUIPMENT	1	0.3	2,320	9	0.0
DAIRY CONTAINERS	3	1.0	1,835	7	0.0
MILK PAILS STRAINERS FILTERS ETC	25	9.5	1,941	7	0.0
WATER HEATERS, SINKS & OTHER					
MILK PARLOR EQUIPMENT	3	1.2	1,016	3	0.0
DAIRY CLEANING SUPPLIES	21	7.9	8,592	32	0.1
FEED CARTS, OTHER DAIRY MACHINES AND EQUIPMENT	6	2.4	4,761	17	0.1
MAINTENANCE & REPAIR OF DAIRY EQUIPMENT	13	4.9	9,448	35	0.1
POULTRY EQUIPMENT	10	3.7	11,046	41	0.1
INCUBATORS & CHICK BROODERS	2	0.8	456	3	0.0
FEEDERS AND WATERS	6	2.2	626	2	0.0
MECHANICAL FEEDERS	1	0.3	945	4	0.0
BULK FEED STORAGE EQUIPMENT	0	0.1	71	0	0.0
CAGES AND NESTS	2	0.6	1,073	4	0.0
EGG GRADERS & WASHERS	0	0.1	79	0	0.0
EGG CASES	0	0.1	4,635	17	0.1
REFRIGERATED COOLING EQUIPMENT	0	0.0	50	0	0.0
CLEANING SUPPLIES	2	0.6	284	1	0.0
OTHER POULTRY EQUIPMENT & SUPPLIES	2	0.6	1,705	6	0.0
EGG CARTONS, MAINTENANCE & REPAIR OF POULTRY EQUIPMENT	2	1.0	1,122	2	0.0
OTHER LIVESTOCK EQUIPMENT	91	30.1	27,375	102	0.4
FARROWING CRATES OR STALLS	1	0.3	599	2	0.0
HOG TROUGHS & WATERS	3	1.3	331	1	0.1
HOG SELF FEEDERS	3	1.1	562	2	0.0
CATTLE SELF FEEDERS (EXCL DAIRY)	4	1.3	1,243	5	0.0
FEED BUNKS, SHEEP & LAMB FEEDERS	4	1.3	624	2	0.0
BULK FEED STORAGE EQUIPMENT	2	0.8	1,862	7	0.0
STOCK WATER TANK (MOVEABLE)	20	7.4	1,852	7	0.0
STOCK WATER TANK HEATER	6	2.1	337	1	0.0
BEE EQUIPMENT AND SUPPLIES	2	0.9	1,971	7	0.0
COLLARS HARNESSSES BRIDLES ETC	25	9.1	5,240	19	0.1
OTHER EQUIPMENT	36	13.4	8,739	32	0.1
MAINTENANCE & REPAIR OTHER EQUIP	10	3.6	2,402	9	0.0
SACKS FOR WOOL, MOHAIR & OTHER LIVESTOCK MARKET CONTAINER	NA	NA	1,613	6	0.0
PESTICIDES FOR LIVESTOCK & POULTRY	98	36.4	5,087	19	0.1

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
WEST REGION

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
SEED & CROP EXPENDITURES	NA	NA	547,876	2,031	7.1
SEEDS, TREES, & SHRUB PURCHASES	142	48.2	135,828	504	1.8
TOTAL FIELD CROP SEEDS	101	37.5	71,045	263	0.8
HYBRID CORN	22	8.2	11,122	41	0.1
SEED WHEAT	44	16.4	14,823	55	0.2
SEED OATS	29	10.9	4,902	18	0.1
SEED BARLEY	37	13.6	9,004	33	0.1
SEED RYE	3	1.0	1,017	4	0.0
SEED SORGHUM GRAIN	8	3.0	2,383	9	0.0
SEED SOYBEAN	0	0.1	72	0	0.0
SEED DRYBEAN	5	2.0	2,017	7	0.0
TOTAL SEED IRISH POTATOES	4	1.6	11,326	42	0.1
SEED COTTON SEED	7	2.7	3,492	13	0.0
SEED PEANUTS	1	0.5	1,073	4	0.0
SEED RICE	0	0.1	2,395	9	0.0
FLAXSEED	0	0.0	0	0	0.0
OTHER FIELD CROP SEED	15	5.6	7,428	27	0.1
TOBACCO SEED & PLANTS	0	0.0	0	0	0.0
SEED TOBACCO	0	0.0	0	0	0.0
PLANT TOBACCO	0	0.0	0	0	0.0
TOTAL PASTURE-CLOVER SEEDS	83	30.8	62,222	231	0.7
ALFALFA SEED	38	14.1	10,281	38	0.1
ALFALFA SEED CERTIFIED	29	10.6	7,374	27	0.1
ALFALFA SEED NON-CERTIFIED	10	3.7	2,916	11	0.0
GRASS & HAY SEED EXCL ALFALFA	NA	NA	6,651	25	0.1
RED CLOVER SEED	5	1.8	420	1	0.0
SWEET CLOVER	2	0.6	96	0	0.0
LADINO & WHITE CLOVER SEED	3	1.0	294	1	0.0
TOTAL LESPEDEZA SEED	0	0.0	0	0	0.0
TIMOTHY SEED	1	0.5	162	1	0.0
TOTAL RYE GRASS SEED	3	1.3	296	1	0.0
RYE GRASS SEED-ANNUAL	2	0.6	169	1	0.0
RYE GRASS SEED-PERENNIAL	2	0.7	127	0	0.0
TOTAL FESCUE SEED	3	0.9	130	0	0.0
SUDAN GRASS-HYBRIDS, OPEN POLL	2	0.6	273	1	0.1
SUDAN GRASS-SORGHUM CROSSES	0	0.1	35	0	0.0
OTHER SUDAN GRASS & CROSSES	1	0.2	41	0	0.0
OTHER HAY-PASTURE GRASSES	23	8.7	3,893	14	0.0
OTHER COVER CROP	3	1.1	1,052	4	0.0
TREES & SHRUBS	NA	NA	34,330	127	0.4
FRUIT-NUT TREES ETC COMMERCIAL	12	4.3	29,556	110	0.3
OTHER TREES SHRUBS	3	1.1	4,774	18	0.1
ALL OTHER SEEDS & INNOCULATION	NA	NA	10,961	41	0.1
VEG SEEDS-COMMERCIAL	7	2.8	9,981	37	0.1
INNOCULATION FOR SEEDS-ROOTINGS	5	1.9	980	4	0.0
LANDLORDS SEED EXPENDITURE	17	6.4	2,561	9	0.0

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
WEST REGION

TYPE OF EXPENDITURE	FARMS RPTS (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
TOTAL PESTICIDES & APPLICATION ON CROPS	NA	NA	138,106	512	1.8
TOTAL EXPENDITURE LIME & FERTILIZER	138	51.0	273,943	1,016	3.2
TOTAL FERTILIZER & LIME MATERIALS	131	48.6	264,581	981	3.1
FERTILIZER & FERTILIZER MATERIAL	130	48.2	260,621	966	3.0
LIME, LIMING MATERIALS & SOIL CONDITIONERS	7	2.5	3,960	15	0.0
LL EXPENSE FOR LIME-FERTILIZER	24	8.7	9,362	35	0.1
TOTAL LIME-FERTILIZER MAT CUSTOM	24	9.0	66,459	246	0.8
FERTILIZER & MATERIALS CUSTOM	24	8.8	65,762	244	0.8
LIME AND MATERIALS CUSTOM	1	0.3	697	3	0.0
TOTAL CUSTOM APPLICATION	22	8.3	8,947	33	0.1
CUSTOM APPLICATION FERTILIZER	22	8.3	8,840	33	0.1
CUSTOM APPLICATION LIME	0	0.2	107	0	0.0
TOTAL NON-CUSTOM	96	35.6	165,832	615	1.9
NON-CUSTOM FERTILIZER	95	35.3	163,406	606	1.9
NON-CUSTOM LIME	6	2.1	2,426	9	0.0
TOTAL CUSTOM EXPENSE	15	5.5	23,342	87	0.3
TOTAL CUSTOM EXPENSE FERTILIZER	14	5.3	22,613	84	0.3
TOTAL CUSTOM EXPENSE LIME	1	0.3	730	3	0.0
MARKETING AND TRANSPORTATION	NA	NA	330,437	1,226	4.2
MARKETING CONTAINERS FOR CROP, FRUITS AND VEGETABLES	11	4.2	64,899	241	0.8
TRANSPORTATION AND MARKETING EXPENSE	NA	NA	265,538	985	3.4
TOTAL FRUITS AND VEGETABLES MARKETED	24	9.0	139,387	517	1.8
TOTAL MARKET CHANNELING	10	3.8	81,969	304	1.0
FRUITS, BERRIES OR NUTS	6	2.3	75,339	279	0.9
VEGETABLES FOR FRESH USE	1	0.3	3,604	13	0.0
VEGETABLES FOR PROCESSING	0	0.1	140	1	0.0
DRY BEANS AND PEAS	2	0.6	608	2	0.0
POTATOES	2	0.7	2,277	8	0.0
TOTAL MARKETING PREPARATION	6	2.3	33,072	123	0.4
FRUITS, BERRIES OR NUTS	4	1.7	24,247	90	0.3
VEGETABLES FOR FRESH USE	0	0.1	6,405	24	0.1
VEGETABLES FOR PROCESSING	0	0.0	39	0	0.0
DRY BEANS AND PEAS	1	0.5	2,084	8	0.0
POTATOES	0	0.0	297	1	0.0
TOTAL TRANSPORTATION	16	5.9	24,346	90	0.3
FRUITS, BERRIES OR NUTS	11	4.0	14,946	55	0.2
VEGETABLES FOR FRESH USE	2	0.7	4,245	16	0.0
VEGETABLES FOR PROCESSING	1	0.3	2,044	8	0.0
DRY BEANS AND PEAS	1	0.4	202	1	0.0
POTATOES	2	0.7	2,909	11	0.0

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
WEST REGION

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
TOTAL FIELD CROP MARKETING	34	12.4	46,791	174	0.6
TOTAL MARKET CHANNEL FIELD CROPS	9	3.4	2,166	8	0.0
MARKET CHANNEL COTTON	1	0.3	176	1	0.0
MARKET CHANNEL TOBACCO	0	0.0	0	0	0.0
MARKET CHANNEL CORN	0	0.2	223	1	0.0
MARKET CHANNEL SMALL GRAINS	5	1.9	916	3	0.0
MARKET CHANNEL SOYBEANS	0	0.0	0	0	0.0
MARKET CHANNEL HAY	0	0.1	80	0	0.0
MARKET CHANNEL SUGAR BEETS AND OTHER CROPS	3	1.2	772	3	0.0
TOTAL MARKET PREP FIELDS CROPS	10	3.7	21,902	81	0.3
MARKET PREP COTTON	3	1.1	13,812	51	0.2
MARKET PREP CORN	1	0.3	768	3	0.0
MARKET PREP SMALL GRAINS	2	0.6	479	2	0.0
MARKET PREP SOYBEANS	0	0.0	0	0	0.0
MARKET PREP HAY	2	0.7	1,669	6	0.0
MARKET PREP TOBACCO, SUGAR BEETS AND OTHER CROPS	4	1.2	5,175	19	0.1
TOTAL TRANSPORT FIELD CROPS	23	8.4	22,723	84	0.3
TRANSPORT COTTON	1	0.3	625	2	0.0
TRANSPORT CORN	2	0.8	3,494	13	0.0
TRANSPORT SMALL GRAINS	11	4.1	7,463	28	0.1
TRANSPORT SOYBEANS	0	0.0	0	0	0.0
TRANSPORT HAY	6	2.2	4,958	18	0.1
TRANSPORT TOBACCO, SUGAR BEETS AND OTHER CROPS	6	2.1	6,183	23	0.0
LIVESTOCK AND LIVESTOCK PRODUCTS EXPENSE	104	38.7	66,190	245	0.9
TOTAL OTHER MARKETING LIVESTOCK EXPENSE	76	28.0	16,666	62	0.2
CATTLE AND CALVES	68	25.1	11,429	42	0.1
HOGS & FEEDER PIGS	5	1.9	552	2	0.0
SHEEP AND LAMBS	7	2.5	475	2	0.0
MILK AND DAIRY PRODUCTS	5	1.9	3,819	14	0.0
EGG AND POULTRY PRODUCTS	0	0.1	86	0	0.0
WOOL, MOHAIR, HONEY AND OTHER LIVESTOCK PRODUCTS	4	1.3	307	1	0.0
LIVESTOCK AND LIVESTOCK PRODUCTS TRANSPORT	75	27.6	49,524	184	0.6
CATTLE AND CALVES	61	22.6	15,413	57	0.2
HOG AND FEEDER PIGS	2	0.8	178	1	0.0
SHEEP AND LAMBS	6	2.2	2,415	9	0.0
MILK AND DAIRY PRODUCTS	16	5.8	30,275	112	0.4
EGGS AND POULTRY PRODUCTS	0	0.0	229	1	0.0
WOOL, MOHAIR, HONEY AND OTHER LIVESTOCK PRODUCTS	4	1.1	1,013	4	0.0
OTHER COMMODITIES	2	0.7	11,793	44	0.0
TOTAL OTHER MARKET EXPENSE	1	0.4	9,128	34	0.1
TOTAL TRANSPORT	1	0.5	2,665	10	0.0

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
WEST REGION

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
TOTAL MKTG EQUIP NOT REPORTED EQUIPMENT & OTHER FARM SUPPLIES WITH TRANSPORTATION NOT REPORTED ELSEWHERE	3	1.3	1,377	5	0.0
EQUIPMENT & OTHER FARM SUPPLIES WITH EXPENSE NOT REPORTED ELSE- WHERE	2	0.6	414	2	0.0
PESTICIDES USED IN STORAGE BLDG	2	0.7	963	4	0.0
MOTOR VEHICLES ON FARMS TOTAL NET EXPENDITURES	16	6.0	1,930	7	0.0
TOTAL CARS	58	21.5	138,650	514	1.8
NEW CARS	28	10.3	98,256	364	1.3
FARM BUSINESS	NA	NA	31,332	116	0.4
FAMILY USE	NA	NA	57,890	215	0.7
NON-FARM BUSINESS	NA	NA	9,034	33	0.2
USED CARS	30	11.2	40,394	150	0.5
FARM BUSINESS	NA	NA	9,173	34	0.1
FAMILY USE	NA	NA	27,862	103	0.3
NON-FARM BUSINESS	NA	NA	3,359	13	0.1
TOTAL TRUCKS	58	21.6	152,266	565	2.0
NEW TRUCKS	29	10.8	105,344	391	1.4
FARM BUSINESS	NA	NA	79,610	295	0.9
FAMILY USE	NA	NA	15,090	56	0.3
NON-FARM BUSINESS	NA	NA	10,644	40	0.2
USED TRUCKS	29	10.8	46,922	174	0.6
FARM BUSINESS	NA	NA	36,783	136	0.4
FAMILY USE	NA	NA	4,837	18	0.1
NON-FARM BUSINESS	NA	NA	5,302	20	0.1
TOTAL TRACTORS	32	11.8	116,172	431	1.5
NEW TRACTORS	10	3.6	63,570	236	0.8
USED TRACTORS	22	8.2	52,602	195	0.7
OTHER MOTOR VEHICLES	21	7.7	21,356	79	0.3
FARM SHARE OF ABOVE EXPENDITURES (INCLUDES REGISTRATION AND INSURANCE)	NA	NA	339,931	1,261	4.4
CARS	NA	NA	53,584	199	0.7
TRUCKS	NA	NA	162,136	601	2.1
TRACTORS	32	11.8	116,172	431	1.5
OTHER	NA	NA	8,039	30	0.1
FARM MACHINERY & IMPLEMENTS	123	46.7	263,476	977	3.4
TILLAGE	43	15.8	41,695	155	0.5
ONE-WAY MOLDBOARD PLOWS	6	2.3	2,342	9	0.0
NEW	1	0.3	690	3	0.0
USED	5	2.0	1,652	6	0.0

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
WEST REGION

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
TWO-WAY MOLDBOARD PLOWS	4	1.4	2,805	10	0.0
NEW	1	0.4	1,562	6	0.0
USED	3	1.0	1,243	5	0.0
ONE-WAY DISK PLOWS	3	1.0	1,794	7	0.0
NEW	1	0.3	1,319	5	0.0
USED	2	0.7	474	2	0.0
REVERSIBLE DISK PLOWS	1	0.2	547	2	0.0
NEW	0	0.0	108	0	0.0
USED	1	0.2	439	2	0.0
DISK HARROWS, TANDEM, 4 GANG	8	2.8	6,711	25	0.1
NEW	3	1.1	4,814	18	0.1
USED	5	1.7	1,897	7	0.0
OFFSET DISK HARROWS	3	1.1	2,983	11	0.0
NEW	1	0.4	1,961	7	0.0
USED	2	0.7	1,022	4	0.0
SINGLE DISK HARROWS	0	0.2	655	2	0.0
NEW	0	0.2	647	2	0.0
USED	0	0.0	8	0	0.0
FIELD CULTIVATORS	3	1.1	2,832	11	0.0
NEW	2	0.7	1,537	6	0.0
USED	1	0.5	1,295	5	0.0
CHISELS, PLOWS, DEEP TILLAGE SWEEP	3	1.2	4,065	15	0.0
NEW	1	0.5	3,097	11	0.0
USED	2	0.6	968	4	0.0
SPIKE-TOOTH HARROWS	6	2.2	1,406	5	0.0
NEW	4	1.3	1,224	5	0.0
USED	2	0.9	182	1	0.0
SPRING-TOOTH HARROWS	3	1.0	1,021	4	0.0
NEW	1	0.5	808	3	0.0
USED	1	0.5	213	1	0.0
TINE-TOOTH HARROWS	1	0.5	176	1	0.0
NEW	1	0.2	151	1	0.0
USED	1	0.3	25	0	0.0
ROTARY HOE	1	0.3	675	3	0.0
NEW	0	0.2	497	2	0.0
USED	0	0.1	178	1	0.0
ROW CULTIVATORS	2	0.6	1,380	5	0.0
NEW	1	0.3	960	4	0.0
USED	1	0.3	421	2	0.0
ROLLER HARROWS & ROLLER PACKERS	3	1.1	2,549	9	0.0
NEW	2	0.6	2,006	7	0.0
USED	2	0.6	543	2	0.0
ALL OTHER TILLAGE EQUIPMENT	13	4.9	9,752	36	0.1

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
WEST REGION

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
PLANTING AND FERTILIZING	25	9.2	24,644	91	0.3
PLAIN GRAIN DRILLS	5	1.8	3,043	11	0.0
NEW	2	0.6	1,921	7	0.0
USED	3	1.2	1,122	4	0.0
PRESS GRAIN DRILLS	2	0.7	2,563	10	0.0
NEW	0	0.2	1,675	6	0.0
USED	1	0.5	889	3	0.0
OTHER GRAIN DRILLS, MULCH HOE OR LISTERS	1	0.3	1,935	7	0.0
NEW	1	0.2	1,617	6	0.0
USED	0	0.1	318	1	0.0
LIME & FERTILIZER SPREADERS	3	0.9	481	2	0.0
NEW	1	0.3	261	1	0.0
USED	2	0.6	219	1	0.0
ROW CROP PLANTERS-CORN	3	1.3	3,158	12	0.0
NEW	2	0.7	2,420	9	0.0
USED	2	0.6	718	3	0.0
ROW CROP PLANTERS-COTTON	0	0.1	386	1	0.0
NEW	0	0.1	347	1	0.0
USED	0	0.1	39	0	0.0
ROW CROP PLANTERS-VEGETABLES AND OTHER ROW CROPS	1	0.5	820	3	0.0
NEW	1	0.3	562	2	0.0
USED	1	0.3	258	1	0.0
LISTERS & REDDERS	1	0.2	368	1	0.0
NEW	0	0.1	81	0	0.0
USED	0	0.1	287	1	0.0
MANURE SPREADERS	3	1.1	4,399	16	0.1
NEW	1	0.4	3,438	13	0.0
USED	2	0.7	960	4	0.0
POWER SPRAYERS FOR LIQUID FERTILIZERS & PESTICIDES	6	2.2	3,656	14	0.0
NEW	4	1.6	3,124	12	0.0
USED	2	0.7	532	2	0.0
SELF-PROPELLED SPRAYERS & DUSTERS	1	0.2	541	2	0.0
NEW	0	0.1	366	1	0.0
USED	0	0.1	175	1	0.0
POWER DRIVEN DUSTERS, ROW CROP PLANTERS-POTATO, ALL OTHER PLANTING & SPREADING EQUIP	5	1.6	3,295	12	0.0

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
WEST REGION

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
HARVESTING	24	9.0	99,907	370	1.3
COMBINES WITH GRAIN HEAD	6	2.1	33,401	124	0.4
NEW	1	0.4	19,995	74	0.2
USED	5	1.8	13,406	50	0.2
COMBINES WITH CORN HEAD	0	0.1	3,204	12	0.0
NEW	0	0.1	2,936	11	0.0
USED	0	0.0	268	1	0.0
COMBINE HEAD-GRAIN HEAD	0	0.2	1,320	5	0.0
NEW	0	0.0	78	0	0.0
USED	0	0.1	1,242	5	0.0
COMBINE HEAD-CORN HEAD	0	0.1	37	0	0.0
NEW	0	0.0	0	0	0.0
USED	0	0.1	37	0	0.0
WINDROWER OR SWATHER	9	3.4	34,964	130	0.4
NEW	5	2.0	29,218	108	0.3
USED	4	1.4	5,746	21	0.1
FORAGE HARVESTER WITH ROW CROP HEAD	2	0.7	6,189	23	0.1
NEW	1	0.4	4,596	17	0.1
USED	1	0.3	1,593	6	0.0
FORAGE HARVESTER WITH HAY PICKUP OR CUTTER BAR	1	0.4	1,974	7	0.0
NEW	1	0.3	1,849	7	0.0
USED	0	0.1	125	0	0.0
ATTACHMENTS FOR FORAGE HARVESTER	1	0.3	238	1	0.0
NEW	0	0.1	96	0	0.0
USED	0	0.1	142	1	0.0
CORN PICKER OR SNAPPER	0	0.1	328	1	0.0
NEW	0	0.0	307	1	0.0
USED	0	0.0	22	0	0.0
CORN PICKER-SHELLER	0	0.0	0	0	0.0
NEW	0	0.0	0	0	0.0
USED	0	0.0	0	0	0.0
ALL OTHER HARVESTING EQUIPMENT	7	2.6	18,252	68	0.2
HAYING	25	9.2	48,791	181	0.6
MOWERS-CUTTER BAR TYPE	4	1.5	1,538	6	0.0
NEW	1	0.4	963	4	0.0
USED	3	1.1	575	2	0.0
MOWERS-OTHER	1	0.5	844	3	0.0
NEW	1	0.4	569	2	0.0
USED	0	0.2	275	1	0.0
SIDE DELIVERY RAKES	5	1.8	2,054	8	0.0
NEW	1	0.5	1,387	5	0.0
USED	3	1.3	668	2	0.0

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
WEST REGION

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
HAY CONDITIONERS	1	0.3	1,683	6	0.0
NEW	0	0.1	1,431	5	0.0
USED	0	0.1	252	1	0.0
MOWER CONDITIONERS	1	0.5	3,141	12	0.0
NEW	1	0.2	2,600	10	0.0
USED	1	0.2	542	2	0.0
PICKUP BALERS	9	3.4	16,808	62	0.2
NEW	4	1.5	12,441	46	0.1
USED	5	1.9	4,367	16	0.1
ALL OTHER HAYING MACHINES	9	3.3	22,722	84	0.3
POWER FARM SHOP EQUIPMENT	50	18.6	9,433	35	0.1
CHAIN POWER SAWS	13	4.8	2,327	9	0.0
HAND-TYPE CIRCULAR POWER SAWS	7	2.7	289	1	0.0
OTHER HAND-TYPE	3	1.3	147	1	0.0
OTHER POWER SAWS	6	2.1	684	3	0.0
HAND-TYPE ELECTRIC DRILL	18	6.6	655	2	0.0
DRILL PRESS	2	0.7	243	1	0.0
POWER GRINDERS	7	2.5	483	2	0.0
IMPACT WRENCHES-ELECTRIC OR AIR	3	1.2	278	1	0.0
AIR COMPRESSOR	6	2.1	1,097	4	0.0
ELECTRIC ARC WELDER	5	1.9	978	4	0.0
ACETYLENE WELDER	3	1.0	444	2	0.0
BATTERY CHARGERS	9	3.2	307	1	0.0
ALL OTHER POWER SHOP EQUIPMENT	10	3.6	1,499	6	0.0
OTHER FARM MACHINERY & IMPLEMENTS	33	12.3	39,010	145	0.1
POWER UNLOADING WAGONS	1	0.4	2,113	8	0.0
GRAVITY UNLOADING WAGONS	0	0.1	272	1	0.0
WAGONS, CHASSIS ONLY	2	0.6	327	1	0.0
WAGON BOXES, RACKS, REDS	2	0.8	933	3	0.0
CORN SHELLERS	0	0.1	12	0	0.0
HAMMER MILLS	0	0.1	285	1	0.0
FEED GRINDERS & CRUSHERS	1	0.3	2,195	8	0.0
FEED MIXERS	0	0.1	2,076	8	0.0
COMBINATION FEED MIXERS & GRINDERS	2	0.8	3,672	14	0.0
CROP DRYERS	0	0.1	26	0	0.0
FORAGE & GRAIN BLOWERS	0	0.0	53	0	0.0
FARM ELEVATORS-CHAIN TYPE	3	1.2	1,006	4	0.0
FARM ELEVATOR-AUGER TYPE	5	1.9	2,000	7	0.0
TRACTOR MOUNTED LOADERS	5	1.8	5,444	20	0.1
POSTHOLE DIGGERS	3	1.1	491	2	0.0
SILO UNLOADERS	0	0.0	828	3	0.0
MECHANICAL BARN CLEANERS	0	0.0	0	0	0.0
ELECTRIC MOTORS NOT REPORTED ELSEWHERE	7	2.8	1,288	5	0.0
INTERNAL COMBUSTION ENGINES NOT REPORTED ELSEWHERE	3	1.2	2,919	11	0.0
ALL OTHER MACHINERY & EQUIPMENT	11	4.2	13,073	48	0.2
MACHINE HIRE & CUSTOM WORK	120	44.7	199,619	740	2.6
SEED BED PREPARATION	18	6.8	11,931	44	0.2
STALK SHREDDING	3	1.0	322	1	0.0
PLOWING	10	3.7	3,438	13	0.0
DISKING	7	2.8	3,298	12	0.0
SEED BED FINISHING WITH HARROWS	5	1.7	2,569	10	0.0
OTHER TILLAGE OPERATIONS	5	1.8	2,304	9	0.0

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
WEST REGION

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
PLANTING OR SEEDING	12	4.3	3,745	14	0.0
CROP CULTIVATION	6	2.1	4,324	16	0.1
CROP HARVESTING	88	32.7	139,701	518	1.8
MOWING, CRUSHING OR CONDITIONING	7	2.7	5,056	19	0.1
WINDROWING, SWATHING OR RAKING	23	8.5	7,235	27	0.1
BALING HAY, STRAW & OTHER FORAGE	37	13.6	32,186	119	0.4
FIELD CHOPPING	2	0.6	2,764	10	0.0
SILAGE MAKING	4	1.5	3,051	11	0.0
COMBINING	43	15.9	29,333	109	0.3
CORN HARVESTED USING COMBINE	3	1.2	2,895	11	0.0
CORN HARVESTED USING CORN PICKER	2	0.7	827	3	0.0
THRESHING	2	0.7	1,011	4	0.0
MECHANICAL COTTON PICKING OR STRIPPING	4	1.4	12,102	45	0.1
OTHER HARVESTING	10	3.8	43,240	160	0.5
OTHER MACHINE HIRE & CUSTOM WORK	55	20.4	39,919	148	0.5
FEED GRINDING & MIXING	13	4.9	3,278	12	0.0
CORN SHELLING	0	0.1	130	0	0.0
MANURE HAULING & SPREADING	4	1.6	2,565	10	0.0
FERTILIZING	9	3.4	2,379	9	0.0
ALL OTHER MACHINE & CUSTOM HIRED WORK	40	14.7	31,566	117	0.4
PORTION OF TOTAL EXPENSE FOR MACHINE RENTAL OR LEASING	20	7.4	21,135	78	0.3
PETROLEUM PRODUCTS - FARM USE	240	88.8	276,372	1,025	3.6
TOTAL EXPENSE GASOLINE-FARM USE	238	88.2	184,209	683	2.4
TOTAL GAS FARM USE	169	62.6	28,212	105	0.3
TOTAL TRUCK GAS FARM USE	218	80.8	81,818	303	1.0
TOTAL TRACTOR GAS ALL FARM USE	166	61.4	54,125	201	0.6
TOTAL OTHER ENGINE GAS-FARM USE	72	26.5	20,055	74	0.2
TOTAL EXPENSE GASOLINE FAMILY USE	229	85.2	64,432	239	0.8
TOTAL AUTO GAS	214	79.3	54,111	201	0.6
TOTAL TRUCK GAS	76	28.2	10,321	38	0.1
COST DIESEL FUEL MOTOR PURPOSES	NA	NA	53,063	197	0.7
DIESEL FUEL FARM USE	104	38.5	47,752	177	0.6
DIESEL-KEROSENE ALL FARM	12	4.4	5,311	20	0.1
OTHER FUEL	NA	NA	19,489	72	0.3
TOTAL COST MOTOR OIL	222	82.2	15,017	56	0.2
COST MOTOR OIL AT SERVICE STATION	88	32.7	2,228	8	0.0
COST MOTOR OIL IN BULK OR CANS	169	62.7	12,789	47	0.1
TOTAL COST MOTOR OIL FAMILY USE	211	78.2	3,564	13	0.0
TOTAL COST GREASE	130	48.0	4,593	17	0.1
COST GREASE IN CAN OR PAIL	91	33.6	3,414	13	0.0
COST GREASE IN CARTRIDGE	47	17.6	1,179	4	0.0

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
WEST REGION

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
OTHER OPERATING EXPENSES FOR MOTOR VEHICLES & FARM MACHINERY	233	86.6	234,056	868	3.0
NEW TIRES, INCLUDING TUBES	169	62.6	36,538	135	0.4
USED & RECAPPED TIRES	79	29.2	5,484	20	0.1
TIRE CHAINS	15	5.7	408	2	0.0
TOTAL ANTIFREEZE, FARM SHARE	180	66.7	2,428	9	0.0
PERMANENT ANTI-FREEZE	177	65.7	2,366	9	0.0
ALCOHOL ANTI-FREEZE	4	1.4	61	0	0.0
TOTAL ALL BATTERIES, FARM SHARE	147	54.3	8,415	31	0.1
12-VOLT BATTERIES	125	46.5	6,558	24	0.1
6-VOLT BATTERIES	55	20.4	1,857	7	0.0
SPARK PLUGS	139	51.7	2,432	9	0.0
TOTAL OIL FILTERS	177	65.6	5,218	19	0.1
SPIN-ON OIL FILTERS	159	58.8	3,817	14	0.0
REPLACEABLE ELEMENT OIL FILTERS	61	22.7	1,401	5	0.0
AIR FILTERS	85	31.5	1,390	5	0.0
LUBRICATION JOBS	119	44.4	2,469	9	0.0
BRAKE RELININGS	48	17.7	3,908	14	0.0
MUFFLER, EXHAUST PIPES, & TAIL PIPES	60	22.2	1,512	6	0.0
TOTAL ENGINE OVERHAUL	68	25.2	34,932	130	0.4
TOTAL ALL OTHER REPAIRS	164	60.7	128,920	478	1.5
TOTAL HAND TOOL EQUIP AND SUPPLY	176	65.3	55,868	207	0.7
HAND DUSTERS	1	0.5	29	1	0.0
HAND SPRAYERS	14	5.0	249	1	0.0
HOES GARDEN WEEDING	24	8.9	337	1	0.0
OTHER HAND WEEDING TOOLS	4	1.5	69	0	0.0
PRUNING EQUIPMENT	13	4.9	420	2	0.0
FORKS	27	10.1	320	1	0.0
SPADES	11	4.2	138	1	0.0
SHOVELS	46	17.0	622	2	0.0
GRAIN SCOOPS	12	4.3	145	1	0.0
OTHER HAND RAKES, FORKS, SHOVELS OR SCOOPS	10	3.8	95	0	0.0
HAND FENCING TOOLS	18	6.9	562	2	0.0
AXES, PICKS & MATTOCKS	14	5.2	109	0	0.0
HAMMERS	27	9.9	284	1	0.0
HANDSAWS	9	3.4	98	0	0.0
HANDLES FOR HANDTOOLS	47	17.3	494	2	0.0
PAINT BRUSHES, PAINT ROLLERS, SCRAPERS, ETC	30	11.2	338	1	0.0
WRENCHES & PLIERS	66	24.4	3,682	14	0.0
GREASE GUNS & OIL CANS	31	11.4	660	2	0.0
FUEL BARRELS, TANKS & PUMPS	14	5.0	1,363	5	0.0
FIRE EXTINGUISHERS	11	4.2	902	3	0.0
JACKS & HOISTS	20	7.6	913	3	0.0
LADDERS FOR FARM USE	16	5.8	963	4	0.0
FIELD BOXES, CRATES, BAGS	4	1.4	1,267	5	0.0
BALING WIRE	16	5.8	8,985	33	0.1

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
WEST REGION

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
BALING TWINE, SISAL & HEMP	54	19.9	7,434	28	0.1
BALING TWINE, SYNTHETIC OR PLASTIC	7	2.7	1,105	4	0.0
BINDER TWINE	4	1.5	299	1	0.0
OTHER TWINE, BALL, SPOOL & ETC	5	1.8	1,423	5	0.0
TOTAL ROPE	30	11.2	769	3	0.0
ROPE-MANILA	20	7.3	442	2	0.0
ROPE-SYNTHETIC	12	4.5	327	1	0.0
STEEL CABLE	7	2.7	591	2	0.0
STEEL CHAIN	12	4.5	407	2	0.0
POLYETHLENE FILM	18	6.8	1,049	4	0.0
ALL OTHER EQUIPMENT	50	18.4	19,748	73	0.2
FENCING EXPENSES	NA	NA	37,950	141	0.5
FENCING MATERIALS	125	46.2	31,155	116	0.4
2 POINT BARBED WIRE	41	15.4	3,252	12	0.0
4 POINT BARBED WIRE	14	5.1	938	3	0.0
FIELD STOCK FENCE	17	6.3	2,586	10	0.0
POULTRY NETTING & FENCING	5	1.8	172	1	0.0
STEEL FENCE POST	56	20.6	7,273	27	0.1
WOOD FENCE POST	35	12.9	4,115	15	0.0
CONCRETE POST	2	0.6	194	1	0.0
FENCE STAPLES, FASTNERS	55	20.3	688	3	0.0
WOOD GATES	3	1.1	202	1	0.0
METAL GATES	17	6.2	1,542	6	0.0
BRACES, ANCHORS & WIRE	4	1.5	195	1	0.0
ELECTRIC FENCE CHARGERS	18	6.8	570	2	0.0
ELECTRIC FENCE INSULATORS	28	10.2	574	2	0.0
BOARDS & OTHER LUMBER FOR FENCES & GATES	29	10.9	4,201	16	0.0
OTHER FENCING MATERIALS	22	8.3	4,653	17	0.1
FENCING CONSTRUCTION COSTS	10	3.6	4,593	17	0.1
CONTRACT CONSTRUCTION OF FENCES	2	0.8	2,146	8	0.0
LABOR HIRED ESPECIALLY FOR BUILDING FENCES	7	2.5	2,294	9	0.0
EQUIPMENT RENTED FOR BUILDING FENCES	2	0.8	154	1	0.0
TOTAL OTHER FENCING LANDLORD	22	6.2	2,203	8	0.0
CONSTRUCTION EXPENDITURES-BLDG & IRR	NA	NA	110,586	410	1.4
CONSTRUCTION-OP ONLY	36	13.3	109,573	406	1.3
TOTAL MATERIALS-ALL BUILDINGS	34	12.7	53,561	199	0.6
TOTAL LABOR SERVICES-ALL BUILDING	9	3.4	9,969	37	0.1
TOTAL EXPENSES UNITEMIZED-ALL BUILDING	11	4.2	46,043	171	0.5
CONSTRUCTION-LL ONLY	1	0.3	1,013	4	0.0
FARM MAINTENANCE-BUILDING & PROPERTY	NA	NA	30,330	112	0.4
TOTAL MAINTENANCE EXPENSES-FARM BUILDING	74	27.6	28,682	106	0.3
MAINTENANCE-LL ONLY	11	4.1	1,648	6	0.0

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
WFST REGION

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
FARM IMPROVEMENTS	NA	NA	198,677	737	2.6
IMPROVEMENTS-OPERATOR ONLY	134	49.6	185,702	689	2.2
TRENCH SILOS	1	0.4	134	0	0.0
LAND CLEARED	3	1.1	2,477	9	0.0
TOTAL FIELD & DRAINAGE PIPE	6	2.3	3,485	13	0.0
PLASTIC DRAINAGE PIPE	4	1.3	999	4	0.0
CLAY DRAINAGE PIPE	1	0.5	828	3	0.0
CONCRETE DRAINAGE PIPE	2	0.6	1,658	6	0.0
TOTAL OTHER IMPROVEMENTS	127	47.0	172,771	641	2.0
ROADS OR LANES	29	10.8	10,109	37	0.1
IMPROVED FEEDING LOTS OR FEEDING FLOORS	8	3.0	5,392	20	0.1
LAGOONS OR HOLDING PONDS FOR WASTE DISPOSAL OR POLLUTION CONTROL	2	0.7	2,836	11	0.0
DRAINAGE DITCHES	8	2.9	2,117	8	0.0
DRAINAGE TILE LINES	3	1.2	1,835	7	0.0
LEVEES OR DIKES	1	0.5	606	2	0.0
OTHER DRAINAGE OR FLOOD CONTROL FACILITIES	3	1.2	4,351	16	0.1
TERRACES	1	0.3	490	2	0.0
OTHER SOIL CONSERVATION WORK EXCEPT SEED & FERTILIZER	4	1.4	2,893	11	0.0
IRRIGATION FACILITIES:	62	24.8	122,913	456	1.4
PUMPS INCLUDING MOTORS	23	8.6	28,253	105	0.3
PIPES, SPRINKLERS & FITTINGS	27	10.0	37,772	140	0.4
WELLS, EXCLUDING PUMPS	3	1.0	7,500	28	0.1
PERMANENT DITCHES, FLUMES ETC	9	3.2	6,061	22	0.1
DAMS OR PONDS	6	2.1	3,731	14	0.0
LAND LEVELING	6	2.4	14,730	55	0.2
OTHER IRRIGATION FACILITIES	17	6.4	10,918	40	0.1
TOTAL UNITEMIZED IRRIGATION	5	1.7	13,950	52	0.2
NON-IRRIGATION WATER FACILITIES	53	19.6	19,228	71	0.2
PUMPS	29	10.8	5,927	22	0.1
WELLS, EXCLUDING PUMPS	8	3.1	3,675	14	0.0
PERMANENT TANKS & CISTERNS	2	0.8	442	2	0.0
WATER LINES	12	4.6	3,371	13	0.0
PONDS OR DAMS	2	0.7	789	3	0.0
WINDMILLS	7	2.7	1,103	4	0.0
WATER SYSTEMS COMPLETE	4	1.4	2,310	9	0.0
OTHER WATER FACILITIES	8	2.8	1,610	6	0.0
DYNAMITE OR OTHER EXPLOSIVES & ALL OTHER IMPROVEMENTS	11	3.9	6,835	25	0.1
IMPROVEMENTS-LANDLORD ONLY	12	4.6	12,975	48	0.2
TOTAL IRRIGATION FEES	95	35.1	82,496	306	1.1
OPERATOR	89	33.0	74,672	277	0.9
LANDLORD	17	6.4	7,824	29	0.1

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
WEST REGION

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
TOTAL COST OF BUILDING MATERIALS BOUGHT	141	52.1	45,653	169	0.5
NAILS, SPIKES, ETC.	97	35.9	1,959	7	0.0
TOTAL PAINT	42	15.7	3,480	13	0.0
PORTLAND CEMENT	23	8.6	1,364	5	0.0
SAND GRAVEL & ROCKS	21	7.7	1,913	7	0.0
READY MIXED CONCRETE	14	5.1	8,042	30	0.1
TOTAL BUILDING BLOCKS	5	1.7	958	4	0.0
TOTAL BRICKS	0	0.0	0	0	0.0
TOTAL ROOFING & SIDING	24	9.1	6,054	22	0.1
GALVANIZED STEEL ROOFING	13	4.7	3,147	12	0.0
ALUMINUM ROOFING	1	0.6	212	1	0.0
ASPHALT SHINGLES & MINERAL SURFACE	4	1.4	570	2	0.0
WOOD DROP & BEVEL SIDING	1	0.5	265	1	0.0
ALUMINUM SIDING	1	0.3	92	0	0.0
HARD BOARD SIDING, INCLD PRIME	1	0.3	42	0	0.0
ALL OTHER ROOFING, SIDING & SHAKES	7	2.6	1,726	7	0.0
COMPOSITION ROOFING	7	2.6	561	2	0.0
PLYWOOD	NA	NA	1,748	6	0.0
INSULATION BOARD	1	0.5	207	1	0.0
HARDBOARD & OTHER	NA	NA	788	3	0.0
TOTAL PIPE	14	5.4	2,466	9	0.0
COPPER PIPE	2	0.7	45	2	0.0
IRON PIPE	6	2.3	531	2	0.0
PLASTIC PIPE	9	3.3	1,890	7	0.0
FRAMING AND DIMENSION LUMBER	12	4.4	2,506	9	0.0
ROUGH & PLAIN DRESSED BOARDS	30	11.1	5,396	20	0.0
TOTAL FLOORING	1	0.3	46	0	0.0
OTHER TONGUE AND GROOVE BOARDS	1	0.5	76	0	0.0
TOTAL WINDOW UNITS	4	1.5	515	2	0.0
TOTAL ELECTRIC WIRE	22	8.2	1,537	6	0.0
OTHER ELECTRICAL MATERIALS	21	7.9	1,456	5	0.0
GUTTERING, FLASHING, DOWNSPOUT	5	1.7	168	1	0.0
OTHER HARDWARE	20	7.3	553	2	0.0
GYPSUM BOARD & OTHER BUILDING MATERIAL	18	6.6	3,858	14	0.0
CUSTOM SAWING DONE ON FARM	2	0.7	229	1	0.0
TOTAL LABOR HIRED PERQUISITES	156	57.8	1,192,706	4,423	15.4
TOTAL CASH WAGES PAID HIRED LABOR	147	54.5	1,000,989	3,711	11.7
TOTAL PERQUISITES FURNISHED	57	21.2	62,311	231	0.7
CASH VALUE OF BOARD FURNISHED HIRED LABOR	32	12.0	13,119	49	0.2
CASH VALUE OF HOUSING OR OTHER LODGING FURNISHED HIRED LABOR	29	10.7	30,781	114	0.4
CASH VALUE OF FUEL, TRANSPORT- ATION, PHONE, ELECTRICITY AND OTHER SERVICES FOR HIRED LABOR	20	7.4	8,043	30	0.1
FOOD, MEAT, MILK & VEGETABLES FOR HIRED LABOR	11	3.9	5,576	21	0.1
ALL OTHER ITEMS FOR HIRED LABOR	7	2.5	4,790	18	0.1
CONTRACT LABOR EXPENSE	31	11.5	129,406	480	1.5

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
WEST REGION

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
FARM BUSINESS EXPENSES:	231	85.6	293,759	1,089	3.8
FARM RECORD KEEPING EXPENSE	32	11.9	16,656	62	0.2
PREPARATION OF INCOME TAX RETURNS	175	65.0	13,104	49	0.2
POSTAGE TELEGRAMS, TELETYPE, ETC FOR FARM BUSINESS EXPENSES	90	33.4	4,130	15	0.0
TELEPHONE, FARM BUSINESS EXPENSES	180	66.9	28,198	105	0.3
ELECTRICITY, FARM BUSINESS	192	71.2	114,495	425	1.3
SOIL TESTING EXPENSES	12	4.6	1,137	4	0.0
SEED CERTIFICATION EXPENSES	5	2.0	723	3	0.0
OTHER FARM MANAGEMENT SERVICES	3	1.2	4,080	15	0.0
NOTARY PUBLIC FEES, ATTORNEY OR LEGAL FEES FOR THE FARM	45	16.7	10,561	39	0.1
BUYING OR SELLING FARM REAL ESTATE	10	3.8	21,407	79	0.3
CATALOGUES, SALE BILLS OR OTHER ADVERTISEMENTS FOR THE FARM	18	6.8	3,716	14	0.0
FEES TO MILK MARKETING OR OTHER ASSOCIATIONS OR TO STATES FOR PROMOTION, ADVERTISING AND OTHER PURPOSES	29	10.6	14,956	55	0.2
LICENSE FEES FOR FARM BUSINESS	22	8.0	1,152	4	0.0
DUES TO FARM ORGANIZATIONS, UNIONS, ETC	104	38.4	6,105	23	0.1
EXPENSES WHILE TRAVELING ON FARM BUSINESS EXCLUDING GASOLINE	51	18.8	12,428	46	0.1
TECHNICAL BOOKS, PERIODICALS BULLETINS, ETC FOR FARM BUSINESS	78	29.1	2,164	8	0.0
LOSSES SUCH AS PAYMENTS ON FARM PROPERTY REPOSSESSED BY OTHERS, FORFEITED DOWN PAYMENTS ON FARM PROPERTY, ETC.	2	0.7	6,599	24	0.1
TWO-WAY RADIO EQUIPMENT AND OPERATING EXPENSES	4	1.3	1,123	4	0.0
DAMAGES PAID TO OTHERS NOT COVERED BY INSURANCE FOR LOSS OR INJURY CONNECTED WITH YOUR FARM OPERATION	3	1.2	523	2	0.0
ALL OTHER FARM BUSINESS EXPENSES	37	13.8	30,502	113	0.4
EXPENSE FOR INSURANCE, TAXES AND INTEREST - OPERATOR - FARM SHARE	NA	NA	976,766	3,622	11.9
INSURANCE PREMIUMS FOR:					
HAIL AND OTHER INSURANCE ON GROWING CROPS	27	10.2	21,381	79	0.2
HOW MUCH WAS FEDERAL CROP INSURANCE	10	3.8	7,287	27	0.1
TOTAL FIRE WIND EXTENDED COVERAGE	164	60.7	57,721	214	0.7
FIRE, WIND AND EXTENDED COVERAGE PROPERTY INSURANCE	132	48.9	16,054	60	0.2
HOW MUCH WAS INSURANCE ON YOUR DWELLING AND CONTENTS	123	45.8	41,668	155	0.5

SEE FOOTNOTES AT END OF TABLES.

1971 FARM PRODUCTION EXPENDITURE SURVEY
WEST REGION

TYPE OF EXPENDITURE	FARMS RPTG (000)	PERCENT OF FARMS	DOLLARS (000)	AVERAGE PER FARM	PERCENT TOTAL EXPENSE
EMPLOYER COMPENSATION INSURANCE	45	16.7	35,059	130	0.4
OTHER LIABILITY INSURANCE	74	27.3	12,331	46	0.1
LANDLORD CROP INSURANCE	16	6.0	1,360	5	0.0
LANDLORD FEDERAL CROP INSURANCE	246	91.2	246	1	0.0
TOTAL CROP INSURANCE OPERATOR AND LANDLORD	39	14.5	22,740	84	0.3
TOTAL FEDERAL CROP INSURANCE OPERATOR AND LANDLORD	246	93.2	7,533	28	0.1
TOTAL INSURANCE FARM OPERATOR	160	59.2	110,438	410	1.4
TOTAL INSURANCE FARM OPERATOR AND LANDLORD	164	66.9	111,798	415	1.3
TOTAL PROPERTY TAX	231	85.8	349,659	1,296	4.1
PERSONAL PROPERTY TAX	64	23.6	7,096	26	0.1
TOTAL FARM TAX	231	85.6	342,563	1,270	4.4
TOTAL FARM INTEREST	158	58.7	523,765	1,942	6.1
INTEREST ON FARM REAL ESTATE DEBT	124	45.9	363,301	1,347	4.7
INTEREST ON OTHER OPERATING LOANS	99	36.6	160,464	595	2.1
LANDLORD FARM SHARE ABOVE EXPENSES	NA	NA	145,629	540	1.9

NA: NOT AVAILABLE DUE TO RESTRUCTURING OF ORIGINAL GROUPING.

TOTALS MAY NOT ADD DUE TO ROUNDING AND EXPANSION DIFFERENCES OF INDIVIDUAL ITEMS AND CATEGORY TOTALS.

1/ EXPENDITURES BEFORE TAX REBATE.

2/ THE STATES INCLUDED IN EACH REGION ARE AS FOLLOWS:

NORTH - CONNECTICUT, ILLINOIS, INDIANA, IOWA, KANSAS, MAINE, MASSACHUSETTS, MICHIGAN, MINNESOTA, MISSOURI, NEBRASKA, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, NORTH DAKOTA, OHIO, PENNSYLVANIA, RHODE ISLAND, SOUTH DAKOTA, VERMONT, AND WISCONSIN.

SOUTH - ALABAMA, ARKANSAS, DELAWARE, FLORIDA, GEORGIA, KENTUCKY, LOUISIANA, MARYLAND, MISSISSIPPI, NORTH CAROLINA, OKLAHOMA, SOUTH CAROLINA, TENNESSEE, TEXAS, VIRGINIA, AND WEST VIRGINIA.

WEST - ARIZONA, CALIFORNIA, COLORADO, HAWAII, IDAHO, MONTANA, NEVADA, NEW MEXICO, OREGON, UTAH, WASHINGTON, AND WYOMING.