

**SECTION B.**  
**Insectides, Herbicides, Fungicides,**  
**Other Pesticides, and Other Chemicals**

**Published Data**

Data are presented in this section on the number of acres treated with and the cost of insecticides, herbicides, fungicides, other pesticides, and other chemicals and the cost for the control of insects on livestock and poultry for farms with sales of \$2,500 and over. In addition, data for 1974 have been published in volume I and in other parts of volume II. The location of the data is shown in table 1.

**Definitions and Explanations**

The 1974 Census of Agriculture report form for farms with sales of \$2,500 and over contained eight inquiries relating to acres and cost of treatment for crops and pasture treated with insecticides, herbicides, fungicides, other pesticides, and

other chemicals. Two additional inquiries were included to obtain the expenditures for chemicals for insect control for live-stock and poultry and other chemicals used for rodent or bird control and sanitation. A facsimile of the inquiries (section 32 of form 74-A1) is shown on page IV-37.

The farm operator was instructed to report the cost of the chemical for all applications, regardless of who paid for the chemical, and to report acres only once in each category even though the acres may have been treated several times. It should be noted that, for many farm operators, the accurate reporting of acres treated and chemical costs presented a difficult problem. Some farm operators do not keep separate cost records for the various groups of crops or uses. Many farm operators are not able to separate

chemical costs from application costs. Others had problems over the use of dual-purpose chemicals. Some farm operators growing crops under contract may not have full knowledge of chemicals or cost of chemicals used and applied by the contractor. For some crops which may have been treated for various purposes as many as 10 times or more, the maintenance of records is difficult.

During the computer processing, an imputation procedure was used to provide data when there was a report of any expenditure for agricultural chemicals in section 34 but no entries in section 32. If certain acreage were not reported treated, the acreage and cost data were imputed for a small number of selected crops which require insect control in selected States. Table 2 shows by State the crops that had to be sprayed. Otherwise, re-

**Table 1. Other Published Data for Agricultural Chemicals: 1974**

	Geographic area	Time period	Farm classification	Subjects covered
<b>VOLUME I</b>				
State Tables				
All farms:				
5.....	State.....	1974 to 1964	Total farms.....	Farms and expenditures.
9.....	State.....	1974	Selected class group.....	Farms and expenditures.
Farms with sales of \$2,500 and over:				
13.....	State.....	1974 to 1969	Total farms.....	Farms, acres on which used and expenditures.
17.....	State.....	1974 to 1964	Farm expenses.....	Farms and expenditures.
28.....	State.....	1974	Tenure of operator and type of organization.....	Farms, acres on which used, and expenditures.
29.....	State.....	1974	Age and occupation of operator.....	Farms, acres on which used, and expenditures.
30.....	State.....	1974	Farms by size.....	Farms, acres on which used, and expenditures.
31.....	State.....	1974	Farms by value of sales.....	Farms, acres on which used, and expenditures.
32.....	State.....	1974	Farms by SIC.....	Farms, acres on which used, and expenditures.
33.....	State.....	1974	Farms by SIC and value of sales.....	Farms, acres on which used, and expenditures.
County Tables				
All farms:				
5.....	State and County.....	1974 to 1969	Total farms.....	Farms and expenditures.
Farms with sales of \$2,500 and over:				
5.....	State and County.....	1974 to 1969	Production expenses.....	Farms and expenditures.
12.....	State and County.....	1974 to 1969	Agricultural chemicals used.....	Farms, acres on which used, and expenditures.
<b>VOLUME II</b>				
Part 2.....	United States.....	1974	Farms by size.....	Farms, acres on which used, and expenditures.
Part 3.....	United States.....	1974	Farms by tenure and type of organization.....	Farms, acres on which used, and expenditures.
Farms with sales of \$2,500 and over:				
Part 7.....	United States.....	1974	Farms by value of sales.....	Farms, acres on which used, and expenditures.
Part 8.....	United States.....	1974	Farms by SIC.....	Farms, acres on which used, and expenditures.