

CHAPTER IV. Chemicals

SECTION A. Fertilizer and Lime

Data are presented in this section on the tons of commercial fertilizer and lime used and the acres on which they were used for farms with sales of \$2,500 and over. Similar data were not collected for farms with sales of less than \$2,500.

Published Data

Additional data for fertilizer and lime have been published in volume I and other parts of volume II. State data for fertilizer by crops are shown in this chapter only when there were comparable data from the 1969 census. Table 1 shows

where to locate other fertilizer and lime data.

Presentation of Data

Data for acreage fertilized or limed and for tons of fertilizer or lime were obtained in the 1974 Census of Agriculture only for farms with sales of \$2,500 and over. Expenditures for commercial fertilizer were obtained for all farms. Separate data for lime expenditures were not obtained for farms with sales of less than \$2,500. Most data for expenditures are shown in chapter 3 of this part with only

limited data shown in this chapter.

Description of Report Form Items

For 1974, the report form used for farms with sales of \$2,500 and over contained inquiries regarding the use of commercial fertilizer on 66 specified crops or groupings of crops and pasture. The inquiries used were identical for all States other than Hawaii where the more commonly grown crops differed sufficiently to require modification. The farm operator was expected to answer only the fertilizer inquiries which applied to pasture or crop items applicable to his farm or ranch.

Table 1. Other Published Data for Commercial Fertilizer: 1974

	Geographic area	Time period	Farm classification	Subjects covered
VOLUME I				
State Tables				
All farms:				
5.....	State.....	1974, 1969, and 1964	Total farms.....	Farms and expenditures.
9.....	State.....	1974	Farms by selected economic groups.	Farms and expenditures.
Farms with sales of \$2,500 and over:				
13.....	State.....	1974 and 1969	Total farms.....	Farms, acres on which used, tons, and expenditures.
17.....	State.....	1974, 1969, and 1964	Total farms.....	Farms and expenditures.
25.....	State.....	1974	Crops harvested.....	Farms, acres fertilized, and tons used by crop.
28.....	State.....	1974	Farms by tenure of farm operator and type of organization.	Farms, acres on which used, tons, and expenditures.
29.....	State.....	1974	Farms by age and occupation of farm operator.	Farms, acres on which used, tons, and expenditures.
30.....	State.....	1974	Farms by size.....	Farms, acres on which used, tons, and expenditures.
31.....	State.....	1974	Farms by value of sales.....	Farms, acres on which used, tons, and expenditures.
32.....	State.....	1974	Farms by SIC.....	Farms, acres on which used, tons, and expenditures.
33.....	State.....	1974	Farms by SIC and value of sales...	Farms, acres on which used, tons, and expenditures.
County Tables				
All farms:				
5.....	State and County.....	1974 and 1969	Total farms.....	Farms and expenditures.
Farms with sales of \$2,500 and over:				
5.....	State and County.....	1974 and 1969	Total farms.....	Farms and expenditures.
11.....	State and County.....	1974 and 1969	Irrigation and commercial fertilizer used on pastureland and harvested crops.	Farms, acres, fertilizer, and tons used by crop.
12.....	State and County.....	1974 and 1969	Agricultural chemicals used.....	Farms, acres, on which used, tons, and expenditures.
VOLUME II				
Farms with sales of \$2,500 and over:				
Part 2.....	United States.....	1974	Farms by size.....	Farms, acres on which used, tons, and expenditures.
Part 3.....	United States.....	1974	Age and occupation of farm operator.	Farms, acres on which used, tons, and expenditures.
Part 3.....	United States.....	1974	Farms by tenure and type of organization.	Farms, acres on which used, tons, and expenditures.
Part 7.....	United States.....	1974	Farms by value of sales.....	Farms, acres on which used, tons, and expenditures.
Part 8.....	United States.....	1974	Farms by SIC.....	Farms, acres on which used, tons, and expenditures.