

Table 19.23-- AGRICULTURAL CHEMICALS USED, INCLUDING FERTILIZER: 2017 AND 2022

Chemicals used	Unit	2017	2022
Any fertilizer, manure, or chemicals used	Farms	3,941	3,465
Any fertilizer or chemical expense	Farms \$1,000	4,790 49,471	4,187 47,964
Manure used	Farms Acres treated	622 4,748	502 3,385
Organic fertilizer used	Farms Acres treated	668 5,235	567 4,930
Commercial fertilizer, lime and soil conditioners used	Farms Acres treated	2,979 100,104	2,433 77,755
Commercial fertilizer, lime and soil conditioners expenses	Farms \$1,000	4,196 31,787	3,513 29,639
Chemical expenses	Farms \$1,000	3,803 17,684	3,419 18,325
Acers treated to control-			
Insects	Farms Acres treated	1,945 50,380	1,662 33,906
Nematodes	Farms Acres treated	178 5,040	426 5,788
Diseases in crops and orchards	Farms Acres treated	805 8,963	1,104 21,598
Weeds, grass, or brush	Farms Acres treated	2,439 93,195	1,991 74,641
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate	Farms Acres treated	228 3,506	434 8,938

NA Not available.

Source: U.S. Department of Agriculture, *2022 Census of Agriculture, Vol. 1, Chapter 1, Hawaii*, "Table 46. Fertilizers and Chemicals Applied: 2022 and 2017" (February 2024) <<https://www.nass.usda.gov/AgCensus/>> accessed February 24, 2024.