

**Table 19.23-- AGRICULTURAL CHEMICALS USED, INCLUDING FERTILIZER:  
2012 AND 2017**

Chemicals used	Unit	2012	2017
Any fertilizer, manure, or chemicals used	farms	4,457	3,941
Any fertilizer or chemical expense	farms	5,101	4,790
	\$1,000	79,577	49,471
Manure used	farms	634	622
	acres on which used	5,165	4,748
Organic fertilizer used	farms	(NA)	668
	acres on which used	(NA)	5,235
Commercial fertilizer, lime and soil conditioners used	farms	3,450	2,979
	acres on which used	109,503	100,104
Commercial fertilizer, lime and soil conditioners expenses	farms	4,428	4,196
	\$1,000	46,584	31,787
Chemical expenses	farms	4,487	3,803
	\$1,000	32,993	17,684
Acers treated to control- Insects	farms	2,349	1,945
	acres on which used	30,417	50,380
Nematodes	farms	379	178
	acres on which used	4,089	5,040
Diseases in crops and orchards	farms	963	805
	acres on which used	9,143	8,963
Weeds, grass, or brush	farms	3,299	2,439
	acres on which used	114,713	93,195
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate	farms	338	228
	acres on which used	19,000	3,506

NA Not available.

Source: U.S. Department of Agriculture, *2017 Census of Agriculture, Vol. 1, Chapter 1, Hawaii*, "Table 46. Fertilizers and Chemicals Applied: 2017 and 2012" (April 2019) <<https://www.nass.usda.gov/AgCensus/>> accessed June 26, 2019.