

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