



# Hawaii Farm Equipment Use Report



March 19, 2018

In Cooperation with the Hawaii Department of Agriculture

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## HAWAII FARM EQUIPMENT FALLS SHORT OF NUMBER DESIRED IN 2018

Farm equipment used by farmers in Hawaii fell short of the number desired, according to a recent survey conducted by USDA National Agricultural Statistics Service (NASS), in cooperation with the Hawaii Department of Agriculture. The Hawaii Farm Equipment Use survey was conducted during the months of February and March, 2018. Farmers in all four counties received the survey, the purpose of which was to determine the use of farm equipment by Hawaiian farmers and their desired number of specific equipment. Vegetable growers reported a need for an additional 505 mechanical harvesters, over the 238 currently in use. The most common piece of equipment found on Hawaii farms was a backpack sprayer.

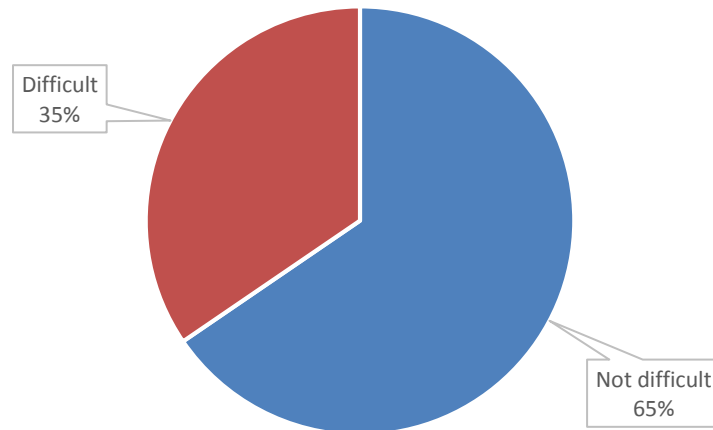
### Hawaii: Types of Farm Equipment, Number Used, Number Desired in addition to Number Used, 2018

TYPE OF EQUIPMENT	NUMBER USED	NUMBER DESIRED (in addition to Number Used)
<b>Tillage</b>		
Chisel Plow, any size	195	144
Disc Harrow, any size	253	142
Flail Mower, any size	407	303
Field Cultivator		
Non-folding, any size	226	208
Flexible folding, any size	43	83
Row Crop Cultivator		
Non-folding, any size	178	157
Flexible folding, any size	6	45
Walk-behind roto-tiller	697	661
<b>Planting</b>		
Seed drill, any size	132	104
Vegetable planter, any size, mechanical	127	141
<b>Harvesting</b>		
Root Crop harvester, mounted or drawn, mechanical	46	150
Vegetable harvester, mechanical	238	505
<b>Other Equipment</b>		
Farm Wagon Running Gear, with or without box	545	396
Sprayer, mounted or drawn, mechanical		
Tractor mounted, any size tank	714	362
Trailer type, any size tank	663	339
Sprayer, self-propelled, any size tank	618	304
Backpack sprayer, any size tank	5,226	2,807
Forklift	668	395
Skid Steer	484	405
ATV/UTV, any size	2,120	1,898
Handcart	3,299	1,985
Telehandler (i.e., Skytrak)	99	158

(continued)

In addition, respondents were asked about easy access to repair for the farm equipment. Over one-third of respondents reported that access to repair was difficult. Reasons given were distance from repair shop, time required to travel to repair shop, cost of transportation, cost of repair, and finding qualified mechanics.

State of Hawaii  
Ease of Access to Farm Equipment Repair, 2018



Source: USDA NASS Pacific Region, Hawaii, 2018