

# HAWAII HORTICULTURE SURVEY - July 2022 (for 2021 Production)

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**Hawaii Draft Version**

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Please make corrections to name, address, and ZIP Code, if necessary.

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## INTRODUCTION

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1. During 2021, which of the following Horticulture crops did this operation PRODUCE and SELL?

0201 <input type="checkbox"/> Cut flowers	0217 <input type="checkbox"/> Propagative floriculture material and unfinished plants
0202 <input type="checkbox"/> Potted flowering plants	0210 <input type="checkbox"/> Landscape plant material
0203 <input type="checkbox"/> Potted herbaceous perennials	0211 <input type="checkbox"/> Sod
0204 <input type="checkbox"/> Annual bedding/garden plants	0207 <input type="checkbox"/> Food Crops grown under cover
0205 <input type="checkbox"/> Foliage plants	0209 <input type="checkbox"/> All other nursery products
0206 <input type="checkbox"/> Cut cultivated greens	0215 <input type="checkbox"/> Plant rental services
	0220 <input type="checkbox"/> None of the above (Please complete Sections 12 and 13 starting on page 19 and return by mail.)
  
2. Did this operation produce and sell \$1,000 or more of these Horticulture crops in 2021? INCLUDE retail and wholesale sales of crops produced or finished by this operation.

0004 1 <input type="checkbox"/> Yes - Go to Item 3	3 <input type="checkbox"/> No - Continue
a. Will this operation produce and sell \$1,000 or more of these Horticulture crops in 2022?	
0002 1 <input type="checkbox"/> Yes - Complete Sections 8, 9, 10, 11, and 13 starting on page 16.	
3 <input type="checkbox"/> No - Complete Sections 8, 9, 10, 11, and 13 starting on page 16.	
  
3. Did this operation produce and sell \$10,000 or more of these Horticulture crops in 2021?

0003 1 <input type="checkbox"/> Yes - Please review the instructions below and complete all Sections of the questionnaire.	
3 <input type="checkbox"/> No - Complete Sections 8, 9, 10, 11, and 13 starting on page 16.	

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## INSTRUCTIONS

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*What to report...*

- **All** production grown under glass, fiberglass and other rigid plastic, film plastic, shade cloth, natural shade, other shade, or outdoors.
  - The value of sales before deductions for commissions and transportation are made.
-

## SECTION 1 - CUT FLOWERS

1. Did this operation produce and sell any cut flowers during 2021?

0401  Yes - Continue

No - Go to Section 2

INCLUDE those for dried flowers.

Cut Flowers	Retail Sales in 2021		Wholesale Sales in 2021	
	Number Grown and Sold	Total Value	Number Grown and Sold	Total Value
<b>Anthurium</b>	2005 Stems	2006 \$	2007 Stems	2008 \$
<b>Aster</b>	2010 Stems	2011 \$	2012 Stems	2013 \$
<b>Bird of Paradise/Strelitzia</b>	2015 Stems	2016 \$	2017 Stems	2018 \$
<b>Pompon Chrysanthemums</b>	0036 Bunches	0715 \$	0037 Bunches	0038 \$
<b>Dahlia</b>	2060 Bunches	2061 \$	2062 Bunches	2063 \$
<b>Delphinium and Larkspur</b>	0456 Stems	0457 \$	0458 Stems	0459 \$
<b>Gerbera Daisies</b>	0460 Stems	0461 \$	0462 Stems	0463 \$
<b>Ginger, pink</b>	2215 Stems	2216 \$	2217 Stems	2218 \$
<b>Ginger, red</b>	2220 Stems	2221 \$	2222 Stems	2223 \$
<b>Ginger, other</b>	2225 Stems	2226 \$	2227 Stems	2228 \$
<b>Gladioli</b>	0046 Spikes	0716 \$	0047 Spikes	0048 \$
<b>Heliconia</b>	2230 Spikes	2231 \$	2232 Spikes	2233 \$
<b>Iris</b>	0464 Stems	0465 \$	0466 Stems	0467 \$
<b>Lei flower, Dendrobium Orchid</b>	2505 Blossoms	2506 \$	2507 Blossoms	2508 \$
<b>Lei flower, Pikake</b>	2515 Strands	2516 \$	2517 Strands	2518 \$
<b>Lei flower, Plumeria</b>	2520 Blossoms	2521 \$	2522 Blossoms	2523 \$

## SECTION 1 - CUT FLOWERS (continued)

Cut Flowers	Retail Sales in 2021		Wholesale Sales in 2021	
	Number Grown and Sold	Total Value	Number Grown and Sold	Total Value
<b>Lei flower</b> (Others not reported above)	2595 Blossoms	2596 \$	2597 Blossoms	2598 \$
<b>Lilies, All</b> (Asiatic, Oriental, Others)	0468 Stems	0469 \$	0470 Stems	0471 \$
<b>Lisianthus</b>	0472 Stems	0473 \$	0474 Stems	0475 \$
<b>Orchid, Dendrobium</b> (cut only)	2145 Stems	2146 \$	2147 Stems	2148 \$
<b>Orchid, Oncidiinae</b> (cut only)	2235 Stems	2236 \$	2237 Stems	2238
<b>Orchids, other</b> (cut only)	2155 Stems	2156 \$	2157 Stems	2158 \$
<b>Peony</b>	2255 Stems	2256 \$	2257 Stems	2258 \$
<b>Protea</b>	2160 Stems	2161 \$	2162 Stems	2163 \$
<b>Roses, All</b> (cut only)(Hybrid Tea, Sweetheart, Spray-types)	0480 Stems	0481 \$	0482 Stems	0483 \$
<b>Snapdragons</b>	0484 Spikes	0485 \$	0486 Spikes	0487 \$
<b>Sunflower</b>	2200 Stems	2201 \$	2202 Stems	2203 \$
<b>Tulips</b> (cut only)	0488 Stems	0489 \$	0490 Stems	0491 \$
<b>Waxflowers</b>	xxxx Bunches	xxxx \$	xxxx Bunches	xxxx \$

Cut Flowers	Percent of Total Quantity Grown and Sold (Cells 2485 + 2487= 100%)		Sales in 2021	
	Retail	Wholesale	Total Value of Retail Sales	Total Value of Wholesale Sales
<b>All Other Cut Flowers*</b>	2485 %	2487 %	2486 \$	2488 \$

\*A partial list of All Other Cut Flowers includes: Carnation (miniature), Chrysanthemum (other), Daffodil/Narcissus, Dried Flowers, Freesia, Gypsophila, Heather, Leptospermum, Liatris, Limonium, Statice, Stephanotis, Stock, and Zinnia.

<b>SECTION 2 - POTTED FLOWERING PLANTS FOR INDOOR OR PATIO USE</b>
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1. Did this operation finish and sell any potted flowering plants or potted flowering bulbs for indoor or patio use during 2021?

0402    1  Yes - Continue                      3  No - Go to Section 3

**EXCLUDE**

- plants intended for landscape use to be reported in Section 8
- finished plants purchased from others and resold
- sales as bulbs
- hardy/garden mums to be reported in Section 3
- bedding plants, geraniums, potted blooming annuals, or flowering hanging baskets to be reported in Section 4
- caladium to be reported in Section 4

Potted Flowering Plants	Type of Container	Retail Sales in 2021		Wholesale Sales in 2021	
		Number Sold	Total Value	Number Sold	Total Value
<b>Anthurium</b>	Pots less than 5"	3020	3021 \$	3022	3023 \$
	Pots 5" or more	3025	3026 \$	3027	3028 \$
<b>Begonia</b>	Pots less than 5"	3040	3041 \$	3042	3043 \$
	Pots 5" or more	3045	3046 \$	3047	3048 \$
<b>Chrysanthemums, Florist</b> EXCLUDE hardy/garden mums to be reported in Section 3.	Pots less than 5"	0063	0722 \$	0065	0067 \$
	Pots 5" or more	0064	0723 \$	0066	0236 \$
<b>Hibiscus, potted</b>	Pots less than 5"	3120	3121 \$	3122	3123 \$
	Pots 5" or more	3125	3126 \$	3127	3128 \$
<b>Hydrangea</b>	Pots less than 5"	3130	3131 \$	3132	3133 \$
	Pots 5" or more	3135	3136 \$	3137	3138 \$
<b>Lilies, Easter</b>	Pots less than 5"	0077	0730 \$	0079	0081 \$
	Pots 5" or more	0078	0731 \$	0080	0238 \$
<b>Lilies, other</b>	Pots less than 5"	3160	3161 \$	3162	3163 \$
	Pots 5" or more	3165	3166 \$	3167	3168 \$
<b>Orchids, Dendrobium</b> potted	Pots less than 5"	3170	3171 \$	3172	3173 \$
	Pots 5" or more	3175	3176 \$	3177	3178 \$

## SECTION 2 - POTTED FLOWERING PLANTS FOR INDOOR OR PATIO USE (continued)

Potted Flowering Plants	Type of Container	Retail Sales in 2021		Wholesale Sales in 2021	
		Number Sold	Total Value	Number Sold	Total Value
<b>Orchids, Oncidiinae</b> potted	Pots less than 5"	3260	3261 \$	3262	3263 \$
	Pots 5" or more	3265	3266 \$	3267	3268 \$
<b>Orchids, Phalaenopsis</b> potted	Pots less than 5"	3180	3181 \$	3182	3183 \$
	Pots 5" or more	3185	3186 \$	3187	3188 \$
<b>Orchids, other</b> potted	Pots less than 5"	3190	3191 \$	3192	3193 \$
	Pots 5" or more	3195	3196 \$	3197	3198 \$
<b>Poinsettias</b>	Pots less than 5"	0091	0734 \$	0093	0095 \$
	Pots 5" or more	0092	0735 \$	0094	0240 \$
<b>Roses, Florist (potted)</b>	Pots less than 5"	0561	0562 \$	0563	0564 \$
	Pots 5" or more	0565	0566 \$	0567	0568 \$
<b>Other Spring Flowering Bulbs</b> (Plants grown from bulbs including Tulips, Hyacinths, Daffodils/Narcissus, Other Lilies, etc.)	Pots less than 5"	0569	0570 \$	0571	0572 \$
	Pots 5" or more	0573	0574 \$	0575	0576 \$
<b>All Other Potted Flowering Plants*</b> EXCLUDE potted blooming annuals to be reported in Section 4.	Pots less than 5"	3490	3491 \$	3492	3493 \$
	Pots 5" or more	3495	3496 \$	3497	3498 \$

\*A partial list of All Other Potted Flowering Plants includes: African Violets, Azaleas, Alstroemeria, Bromeliad, Cape Primrose, Cineraria, Combination Planters, Gerber Daisies, and Sunflowers.

<b>SECTION 3 - POTTED HERBACEOUS PERENNIALS</b>
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1. Did this operation finish and sell any potted hardy/garden Chrysanthemums, Hostas, or Other Potted Herbaceous perennials during 2021?

0403      1  Yes - Continue                      3  No - Go to Section 4

INCLUDE field and container grown plants.

EXCLUDE cuttings, liners, plug seedlings, bare root **herbaceous** perennials, prefinished plants or tissue cultured plantlets to be reported in Section 7.

Potted Herbaceous Perennials	Type of Container	Retail Sales in 2021		Wholesale Sales in 2021	
		Number Sold	Total Value	Number Sold	Total Value
<b>Chrysanthemums (Hardy/Garden)</b>	Pots less than 5"	0800	0801 \$	0802	0803 \$
	Pots 5" or more	0804	0805 \$	0806	0807 \$
<b>Daylily</b>	Less than 1 gal.	4140	4141 \$	4142	4143 \$
	1 gal. up to 2 gal.	4145	4146 \$	4147	4148 \$
	2 gal. or larger	4150	4151 \$	4152	4153 \$
<b>Dianthus</b>	Less than 1 gal.	4180	4181 \$	4182	4183 \$
	1 gal. up to 2 gal.	4185	4186 \$	4187	4188 \$
	2 gal. or larger	4190	4191 \$	4192	4193 \$
<b>Ferns (Hardy/Garden)</b>	Less than 1 gal.	4200	4201 \$	4202	4203 \$
	1 gal. up to 2 gal.	4205	4206 \$	4207	4208 \$
	2 gal. or larger	4210	4211 \$	4212	4213 \$
<b>Hostas</b>	Less than 1 gal.	0808	0809 \$	0810	0811 \$
	1 gal. up to 2 gal.	0812	0813 \$	0814	0815 \$
	2 gal. or larger	0816	0817 \$	0818	0819 \$
<b>Lavender</b>	Less than 1 gal.	4580	4581 \$	4582	4583 \$
	1 gal. up to 2 gal.	4585	4586 \$	4587	4588 \$
	2 gal. or larger	4590	4591 \$	4592	4593 \$

**SECTION 3 - POTTED HERBACEOUS PERENNIALS (continued)**

Potted Herbaceous Perennials	Type of Container	Retail Sales in 2021		Wholesale Sales in 2021	
		Number Sold	Total Value	Number Sold	Total Value
Peony	Less than 1 gal.	4260	4261 \$	4262	4263 \$
	1 gal. up to 2 gal.	4265	4266 \$	4267	4268 \$
	2 gal. or larger	4270	4271 \$	4272	4273 \$
Salvia (perennial)	Less than 1 gal.	4340	4341 \$	4342	4343 \$
	1 gal. up to 2 gal.	4345	4346 \$	4347	4348 \$
	2 gal. or larger	4350	4351 \$	4352	4353 \$
Sedum	Less than 1 gal.	4360	4361 \$	4362	4363 \$
	1 gal. up to 2 gal.	4365	4366 \$	4367	4368 \$
	2 gal. or larger	4370	4371 \$	4372	4373 \$
All Other Potted Herbaceous Perennials*	Less than 1 gal.	0832	0833 \$	0834	0835 \$
	1 gal. up to 2 gal.	0836	0837 \$	0838	0839 \$
	2 gal. or larger	0840	0841 \$	0842	0843 \$

\*A partial list of All Other Potted Herbaceous Perennials includes: Astilbe, Bleeding heart, Columbine, Coral bell, Coreopsis, Iris, Phlox, Purple coneflower, Rudbeckia, and Veronica.



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**OR**

**Space for Notes and Comments**

<b>SECTION 4 - ANNUAL BEDDING/GARDEN PLANTS</b>
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1. Did this operation finish and sell any annual bedding/garden plants during 2021?

0404    1  Yes - Continue

3  No - Go to Section 5

INCLUDE annual bedding/garden plants finished and sold by this operation not used in commercial vegetable and strawberry production.

EXCLUDE

- finished bedding/garden plants purchased from others and resold
- transplants used in commercial vegetable and strawberry production
- foliage plants to be reported in Section 5
- plugs and propagative material to be reported in Section 7
- prefinished plants sold to others for finishing to be reported in Section 7

2. Report flat size used if NOT 10" x 20" to 11" x 22"

0880  inches X 0881  inches

REPORT

AS:

- FLATS when using a common insert (for example: 606, 1204, 1206, 1801, 1803, etc.)
- POTS if produced as separate units, including pots produced in shuttle trays, carrier flats, or flats of individual pots.
- POTS if produced as containers of annuals and mixed annuals such as color bowls, strawberry jars, or combination planters.

Annual Bedding/Garden Plants	Type of Container	Retail Sales in 2021		Wholesale Sales in 2021	
		Number Sold	Total Value	Number Sold	Total Value
<b>Begonias</b>	Flats	0577	0578 \$	0579	0580 \$
	Pots less than 5"	0581	0582 \$	0583	0584 \$
	Pots 5" or more	0585	0586 \$	0587	0588 \$
	Hanging baskets	0589	0590 \$	0591	0592 \$
<b>Calibrachoa</b>	Flats	5540	5541 \$	5542	5543 \$
	Pots less than 5"	5545	5546 \$	5547	5548 \$
	Pots 5" or more	5550	5551 \$	5552	5553 \$
	Hanging baskets	5555	5556 \$	5557	5558 \$
<b>Geraniums from vegetative cuttings</b>	Flats	0910	0911 \$	0912	0913 \$
	Pots less than 5"	0140	0762 \$	0142	0144 \$
	Pots 5" or more	0141	0763 \$	0143	0243 \$
	Hanging baskets	0914	0915 \$	0916	0917 \$
<b>Geraniums from seeds and plug seedlings</b>	Flats	0844	0845 \$	0846	0847 \$
	Pots less than 5"	0147	0764 \$	0149	0151 \$
	Pots 5" or more	0148	0765 \$	0150	0244 \$
	Hanging baskets	0848	0849 \$	0850	0851 \$



SECTION 4 - ANNUAL BEDDING/GARDEN PLANTS (continued)					
Annual Bedding/Garden Plants	Type of Container	Retail Sales in 2021		Wholesale Sales in 2021	
		Number Sold	Total Value	Number Sold	Total Value
New Guinea Impatiens	Flats	0637	0741 \$	0638	0639 \$
	Pots less than 5"	0680	0766 \$	0682	0684 \$
	Pots 5" or more	0681	0767 \$	0683	0685 \$
	Hanging baskets	0659	0747 \$	0660	0661 \$
Impatiens, interspecific hybrids	Flats	5900	5901 \$	5902	5903 \$
	Pots less than 5"	5904	5905 \$	5906	5907 \$
	Pots 5" or more	5908	5909 \$	5910	5911 \$
	Hanging baskets	5912	5913 \$	5914	5915 \$
Impatiens, other	Flats	0632	0742 \$	0633	0634 \$
	Pots less than 5"	0672	0768 \$	0674	0676 \$
	Pots 5" or more	0673	0769 \$	0675	0677 \$
	Hanging baskets	0655	0748 \$	0656	0657 \$
Marigolds	Flats	0852	0853 \$	0854	0855 \$
	Pots less than 5"	0856	0857 \$	0858	0859 \$
	Pots 5" or more	0860	0861 \$	0862	0863 \$
	Hanging baskets	0864	0865 \$	0866	0867 \$
Pansies/Violas	Flats	0868	0869 \$	0870	0871 \$
	Pots less than 5"	0872	0873 \$	0874	0875 \$
	Pots 5" or more	0876	0877 \$	0878	0879 \$
	Hanging baskets	0884	0885 \$	0886	0887 \$
Petunias	Flats	0642	0743 \$	0643	0644 \$
	Pots less than 5"	0688	0770 \$	0690	0692 \$
	Pots 5" or more	0689	0771 \$	0691	0693 \$
	Hanging baskets	0663	0749 \$	0664	0665 \$

**SECTION 4 - ANNUAL BEDDING/GARDEN PLANTS (continued)**

Annual Bedding/Garden Plants	Type of Container	Retail Sales in 2021		Wholesale Sales in 2021	
		Number Sold	Total Value	Number Sold	Total Value
<b>Vinca</b>	Flats	5500	5501 \$	5502	5503 \$
	Pots less than 5"	5505	5506 \$	5507	5508 \$
	Pots 5" or more	5510	5511 \$	5512	5513 \$
	Hanging baskets	5515	5516 \$	5517	5518 \$
<b>All Other Flowering and Foliar Plants</b> <sup>1/</sup>	Flats	0123	0744 \$	0124	0125 \$
	Pots less than 5"	0154	0772 \$	0156	0158 \$
	Pots 5" or more	0155	0773 \$	0157	0245 \$
	Hanging baskets	0104	0750 \$	0105	0106 \$

<sup>1/</sup> A partial list of All Other Flowering/Foliar Plants includes: Ageratum, Alyssum (sweet), Caladium, Celosia, Coleus, Combination planter/color bowl, Dusty Miller, Fuchsia, Gazania, Nicotiana, Portulaca, Salvia (annual), Snapdragon, Verbena, and Zinnia.

SECTION 4 - ANNUAL BEDDING/GARDEN PLANTS (continued)					
Vegetable Type Bedding Plants for Home Use EXCLUDE transplants for commercial production	Type of Container	Retail Sales in 2021		Wholesale Sales in 2021	
		Number Sold	Total Value	Number Sold	Total Value
<b>Herbs (culinary)</b>	Flats	6020	6021 \$	6022	6023 \$
	Pots less than 5"	6025	6026 \$	6027	6028 \$
	Pots 5" or more	6030	6031 \$	6032	6033 \$
	Hanging baskets	6035	6036 \$	6037	6038 \$
<b>Peppers, all (excluding ornamentals)</b>	Flats	6040	6041 \$	6042	6043 \$
	Pots less than 5"	6045	6046 \$	6047	6048 \$
	Pots 5" or more	6050	6051 \$	6052	6053 \$
	Hanging baskets	6055	6056 \$	6057	6058 \$
<b>Tomatoes, all</b>	Flats	6060	6061 \$	6062	6063 \$
	Pots less than 5"	6065	6066 \$	6067	6068 \$
	Pots 5" or more	6070	6071 \$	6072	6073 \$
	Hanging baskets	6075	6076 \$	6077	6078 \$
<b>Other Vegetable types <sup>1/</sup></b>	Flats	xxxx	xxxx \$	xxxx	xxxx \$
	Pots less than 5"	xxxx	xxxx \$	xxxx	xxxx \$
	Pots 5" or more	xxxx	xxxx \$	xxxx	xxxx \$
	Hanging baskets	xxxx	xxxx \$	xxxx	xxxx \$

<sup>1/</sup> Other Vegetable Type Bedding Plants include: Broccoli, Cabbage, Cauliflower, Other Crucifers, and others.

<b>SECTION 5 - FOLIAGE PLANTS FOR INDOOR OR PATIO USE (Pots and Baskets)</b>
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1. Did this operation finish and sell any potted foliage plants or foliage hanging baskets for indoor or patio use during 2021?

0405    1  Yes - Continue

3  No - Go to Section 6

**INCLUDE**

- only those plants FINISHED for indoor or patio use and not intended for landscape use
- plants that have flowers which are secondary compared with foliage features
- ivy, cacti, ferns, palms, and succulents, etc., as well as indoor/patio shrubs, trees and vines FINISHED by you

**EXCLUDE**

- foliage plants purchased from others, but grown by you for less than 4 weeks before resale
- UNFINISHED plants sold to others for further "growing on" to be reported in Section 7

Potted Foliage	Type of Container	Retail Sales in 2021		Wholesale Sales in 2021	
		Number Grown and Sold	Total Value	Number Grown and Sold	Total Value
<b>Aglaonema</b>	Pots less than 6"	7000	7001 \$	7002	7003 \$
	Pots 6" to 13"	7005	7006 \$	7007	7008 \$
	Pots 14" or more	7010	7011 \$	7012	7013 \$
	Hanging baskets	7015	7016 \$	7017	7018 \$
<b>Bromeliad</b>	Pots less than 6"	7040	7041 \$	7042	7043 \$
	Pots 6" to 13"	7045	7046 \$	7047	7048 \$
	Pots 14" or more	7050	7051 \$	7052	7053 \$
	Hanging baskets	7055	7056 \$	7057	7058 \$
<b>Cacti and succulents</b>	Pots less than 6"	7060	7061 \$	7062	7063 \$
	Pots 6" to 13"	7065	7066 \$	7067	7068 \$
	Pots 14" or more	7070	7071 \$	7072	7073 \$
	Hanging baskets	7075	7076 \$	7077	7078 \$
<b>Dracaena</b>	Pots less than 6"	7120	7121 \$	7122	7123 \$
	Pots 6" to 13"	7125	7126 \$	7127	7128 \$
	Pots 14" or more	7130	7131 \$	7132	7133 \$
	Hanging baskets	7135	7136 \$	7137	7138 \$
<b>Epipremnum (Pothos)</b>	Pots less than 6"	7140	7141 \$	7142	7143 \$
	Pots 6" to 13"	7145	7146 \$	7147	7148 \$
	Pots 14" or more	7150	7151 \$	7152	7153 \$
	Hanging baskets	7155	7156 \$	7157	7158 \$

<b>SECTION 5 - FOLIAGE PLANTS FOR INDOOR OR PATIO USE (Pots and Baskets) (continued)</b>
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Potted Foliage	Type of Container	Retail Sales in 2021		Wholesale Sales in 2021	
		Number Grown and Sold	Total Value	Number Grown and Sold	Total Value
<b>Ferns (tropical ferns potted)</b>	Pots less than 6"	7160	7161 \$	7162	7163 \$
	Pots 6" to 13"	7165	7166 \$	7167	7168 \$
	Pots 14" or more	7170	7171 \$	7172	7173 \$
	Hanging baskets	7175	7176 \$	7177	7178 \$
<b>Palms</b>	Pots less than 6"	7240	7241 \$	7242	7243 \$
	Pots 6" to 13"	7245	7246 \$	7247	7248 \$
	Pots 14" or more	7250	7251 \$	7252	7253 \$
	Hanging baskets	7255	7256 \$	7257	7258 \$
<b>Spathiphyllum</b>	Pots less than 6"	7300	7301 \$	7302	7303 \$
	Pots 6" to 13"	7305	7306 \$	7307	7308 \$
	Pots 14" or more	7310	7311 \$	7312	7313 \$
	Hanging baskets	7315	7316 \$	7317	7318 \$
<b>All Other Foliage Plants *</b>	Pots less than 6"	7700	7701 \$	7702	7703 \$
	Pots 6" to 13"	7705	7706 \$	7707	7708 \$
	Pots 14" or more	7710	7711 \$	7712	7713 \$
	Hanging baskets	7715	7716 \$	7717	7718 \$

\*A partial list of Other Foliage Plants includes: Aloe Vera, Dieffenbachia, Ficus, Hedera (Ivy), Philodendron, Schefflera (Brassaia), and Syngonium (Nephtytis).



**SECTION 6 - CUT CULTIVATED GREENS**

1. Did this operation produce and sell any cut cultivated greens during 2021?

0406      1  Yes - Continue                      3  No - Go to Section 7

INCLUDE those grown and sold for export.

Cut Cultivated Greens	Retail Sales in 2021		Wholesale Sales in 2021	
	Number Grown and Sold	Total Value	Number Grown and Sold	Total Value
Asparagus, tree fern	2605 Bunches	2606 \$	2607 Bunches	2608 \$
Aspidistra	2680 Bunches	2681 \$	2682 Bunches	2683 \$
Eucalyptus	2630 Bunches	2631 \$	2632 Bunches	2633 \$
Leatherleaf Ferns	0175 Bunches	0781 \$	0176 Bunches	0177 \$
Pittosporum	2660 Bunches	2661 \$	2662 Bunches	2663 \$
Ti Leaves, for floral use	2670 Leaves	2671 \$	2672 Leaves	2673 \$
Ti Leaves, for other uses	2675 Leaves	2676 \$	2677 Leaves	2678 \$

All Other Cut Cultivated Greens*	Percent of Total Quantity Grown and Sold (Cells 2645 + 2647 = 100%)		Sales in 2021	
	Retail	Wholesale	Total Value of Retail Sales	Total Value of Wholesale Sales
	2645 %	2647 %	2646 \$	2648 \$

\*A partial list of All Other Cultivated Greens includes: Coniferous evergreens, Cordyline, Hedera/Ivy, Holly, Huckleberry/Salal, Myrtle, Oregon/Sword Ferns, and Podocarpus.

**SECTION 7 - PROPAGATIVE FLORICULTURE MATERIAL, BARERROOT AND UNFINISHED PLANTS**

1. Did this operation produce and sell any propagative floriculture material or unfinished plants during 2021?

0417      1  Yes - Continue                      3  No - Go to Section 8

INCLUDE

- bareroot perennials, cuttings, liners, plug seedlings, prefinished plants, or tissue cultured plantlets
- plants sold to other growers for FURTHER GROWING-

ON EXCLUDE

- FINISHED plants sold to others to be reported in Sections 1, 2, 3, 4, 5, and 6
- seeds, bulbs, tubers, rhizomes, or corms to be reported in Section 8, Item 1d

2. What were the total values of sales of propagative (unfinished) materials by category in 2021?

a. Cut flowers.....	0901 \$	d. Herbaceous perennials.....	0904 \$
b. Potted flowering plants.....	0902 \$	e. Foliage.....	0905 \$
c. Annual bedding/garden plants.....	0903 \$	f. Cut cultivated greens.....	0906 \$

**SECTION 8 - LANDSCAPE PLANT MATERIAL, SOD, FOOD CROPS GROWN UNDER COVER, & OTHER FLORICULTURE/NURSERY MATERIAL**

1. Did this operation produce and sell any landscape plant material, sod, food crops grown under cover, or other floriculture or nursery material, not reported in the previous sections, during 2021?

0409      1  Yes - Continue                      3  No - Go to Section 9

a. What was the total value of retail and wholesale sales of landscape plant material in 2021? ..... 0990

**INCLUDE**

- broadleaf and coniferous evergreen deciduous shade and flowering trees, palms, citrus, fruit, and tree nuts, etc

**EXCLUDE**

- sod to be reported in Item 1b below
- bedding and garden plants to be reported in Section 4
- palms for indoor or patio use to be reported in Section 5
- potted foliage for indoor or patio use to be reported in Section 5
- propagative floriculture material to be reported in Section 7
- any value reported in previous sections

b. What was the total value of retail and wholesale sales of sod in 2021? ..... 0992  
\$

c. What was the total value of retail and wholesale sales of food crops grown under cover in 2021? ... 0993  
\$

d. What was the total value of retail and wholesale sales of all other floriculture or nursery material in 2021? ..... 0991  
\$

INCLUDE Christmas trees, bonsai plants, seeds, bulbs, hapu'u logs, and products not included in previous sections.

EXCLUDE any value reported in previous sections.

**SECTION 9 - PLANT RENTAL SERVICES**

1. Did this operation have PLANT RENTAL services during 2021?

1425      1  Yes - Continue                      3  No - Go to Section 10

a. What were this operations' receipts for PLANT RENTAL services in 2021?..... 1426

<b>SECTION 10 - AREA USED FOR PRODUCTION</b>
--

1. In 2021, how much greenhouse, other covered space, and outdoor land area was used for the production of horticulture products grown by this operation?
- INCLUDE aisles, walkways, etc.
  - 1 acre = 43,560 square feet

NOTE: The roof covering (glazing) determines the greenhouse classification. For example, a greenhouse with a glass roof having film polyethylene insulation and fiberglass sides would be considered a glass greenhouse.

	<b>Square Feet</b>	<b>OR</b>	<b>Acres</b>
Total area =	0248		0249

- a. Of the total area used for all horticulture production in 2021, how much was in:

Type of Area	Glass greenhouses	Fiberglass, rigid, plastic, etc. greenhouses	Saran, slat, shade houses, and other covers	Film plastic greenhouses: single or double cover	Open ground and natural shade
	Square feet	Square feet	Square feet	Square feet	Nearest 10th Acre
<b>Floriculture Crops <sup>1/</sup></b>	0247	0184	0186	0185	0187
<b>Nursery and Other Plants <sup>2/</sup></b>	0250	0251	0252	0253	0254

<sup>1/</sup> Floriculture crops include cut and lei flowers, orchids, flowering and foliage plants (indoor use), annual bedding/garden plants, cut cultivated greens, herbaceous perennials, and floriculture propagative material.

<sup>2/</sup> Nursery and other plants include potted foliage (outdoor landscaping use), trees, Christmas trees, sod, plant rentals, food crops grown under cover, vegetable and flower seeds, aquatic plants, dried bulbs, corms, rhizomes, tubers, etc.

- b. Report the area used for production of the following crops by plant type.  
If the same area was used to grow different crop types, report area for each crop type.

EXCLUDE crop turns within each crop category.

Type of Flower or Nursery Product	Glass greenhouses or glass substitute	Artificial shade, saran, lath, frames, clothes, etc.	Open ground and natural shade used for production
	Square feet	Square feet	Nearest 10th Acre
<b>Dendrobium Orchids</b> Cut or lei flowers	0510	0511	0514
<b>Dendrobium Orchids</b> Potted plants	0515	0516	0519

**SECTION 11 - GROSS VALUE OF SALES AND NUMBER OF HIRED**

1. What was the total gross value of sales for the reported horticulture crops in 2021?

(Check sales group.)

- 0 to 999 dollars..... 99
- 1,000 to 9,999 dollars..... 1
- 10,000 to 19,999 dollars..... 2
- 20,000 to 24,999 dollars..... 3
- 25,000 to 39,999 dollars..... 4
- 40,000 to 49,999 dollars..... 5
- 50,000 to 99,999 dollars..... 6
- 100,000 to 249,999 dollars..... 7
- 250,000 to 499,999 dollars..... 8
- 500,000 to 999,999 dollars..... 9
- 1,000,000 dollars or more..... 10

**OFFICE USE**

0899

2. What was the largest number of workers on the payroll on any one day in 2021?

INCLUDE full-time and part-time workers, hired managers, and PAID family members.

EXCLUDE workers employed only for the retail operation, those working as landscapers, and non-paid family members.....

**None**

**Workers**

0898

**SECTION 12 - CHANGE IN**

Complete this section **only** if this operation did NOT produce any commercial horticulture products in 2021  
(Item 1 on the front page is checked "None").

1. Has this operation been sold, rented, or turned over to someone else?

0950 1  Yes - Continue 3  No - Go to Item 1a

2. Please provide the following information for the operation that has taken over, then go to SECTION 13, ITEM 3.

a. What is the name and address of the new operation?

Operation Name: \_\_\_\_\_

Address: \_\_\_\_\_

Operator Name: \_\_\_\_\_

Address: \_\_\_\_\_

1a. Will this operation produce any cut flowers, potted flowering plants, potted foliage plants, flowering or foliage hanging baskets, bedding plants (annual and perennial), cut cultivated florist greens, propagative material, nursery material, unfinished plants or food crops during 2022?

09531  Yes  Don't Know  No

[Regardless of the answer above, write a note to explain the situation, then go to SECTION 13, ITEM 3.]

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**SECTION 13 - CONCLUSION**

1. Are you involved in any additional horticulture operations in this State?

0951 1  Yes - please list name and address of operation(s) in this State:

3  No - Go to Item 2

a. Did you include the production from the additional operation(s) in this report?

0955 1  Yes 3  No

2. Does this operation operate any horticulture operations in any other State(s)?

0952 1  Yes - please list name and address of operation(s) in other State(s):

3  No - Go to Item 3

a. Did you include the production from the additional operation(s) in this report?

0956 1  Yes 3  No

3. Comments related to the information you reported:

4. **SURVEY RESULTS:** To receive the complete results of this survey on the release date, go to [https://www.nass.usda.gov/Statistics\\_by\\_State/Hawaii/index.php](https://www.nass.usda.gov/Statistics_by_State/Hawaii/index.php)

To have a brief summary emailed to you at a later date, please enter your email address:

1095

**Contact Information**

Operation Email: (if different from above)

Operation Phone:

9937	9936 ( ) - _____	Check if cell phone <input type="checkbox"/>
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Respondent Name:

Respondent Phone: (if different than above)

9912	9911 ( ) - _____	Check if cell phone <input type="checkbox"/>	9910	MM	DD	YY
			Date: _____			

This completes the survey. Thank you for your response.

OFFICE USE ONLY											
Response		Respondent		Mode		Enum.	Eval.	Change	Office Use for POID		
1-Comp 2-R 3-Inac 4-Office Hold 5-R - Est 6-Inac - Est 7-Off Hold - Est	9901	1-Op/Mgr 2-Spouse 3-Acct/Bkpr 4-Partner 9-Other	9902	1-PASI (Mail) 2-PATI (Tel) 3-PAPI (Face-to-Face) 6-Email 7-Fax 19-Other	9903	9998	9900	9985	9989		
									_____ - _____ - _____		
									Optional Use		
						9921		9907	9908	9906	9916