A(6) Hawaii Census of Agriculture—1969
(Pages 1 and 2 were the same as A(134))

Section 5—Is any LAND in this place ARTIFICIALLY DRAINED? (Include ditches, underground drains, gravity drainage, dikes, or pumping to control water. Exclude ditches solely for the removal of irrigation waste water. See Leaflet, section 5.)

Please estimate the acres drained by each of the following systems but do not include the same acreage as drained by more than one system.

<table>
<thead>
<tr>
<th>Systems installed since January 1, 1969</th>
<th>Total</th>
<th>By systems installed</th>
</tr>
</thead>
<tbody>
<tr>
<td>A form system which is independent of an organized drainage district or other public agency</td>
<td>071</td>
<td>072</td>
</tr>
<tr>
<td>A form system which drains into the system of an organized drainage district or other public agency</td>
<td>075</td>
<td>074</td>
</tr>
<tr>
<td>A system installed entirely by an organized drainage district or other public agency</td>
<td>076</td>
<td>076</td>
</tr>
</tbody>
</table>

Section 6—Was any commercial FERTILIZER applied on PASTURELAND in 1969? (Do not include land from which crops were harvested or hay cut.)

Please report only whole acres and whole units of production except where space is provided for reporting tenths.

Space is provided in the next 3 pages for reporting almost all crops grown in Hawaii. You will find it easier to report your crops if you first read the material on this page, then look at pages 4 to 6 of this reporting form and read pages 10 and 11 of the Leaflet.

If you did not harvest any of the crops in a section, you can mark (X) the "No" box for the first question and skip to the next section.

Please report only whole acres and whole units of production except where space is provided for reporting tenths.

Do not report any crops for land that in 1969 was rented or leased to others or worked on shares by others. Your report should cover only the crops on the "acres in this place," as reported in item 4 of section 1.

Similar crops, such as row crops, hay, tree crops, vegetables, etc., are grouped in sections. Report in each section only the crops called for there. For example, taro is to be reported in section 12, fruit in section 16, and vegetables for sale in section 21. Section 23 is the place to report any crop not asked for in sections 12-22.

EXAMPLE—HOW TO REPORT CROPS HARVESTED

a. In 1969 a farmer had 165 acres of sugarcane. He harvested 95 acres.

b. 90 acres were for future harvest.

c. Quantity harvested was 9,370 tons.

d. The entire sugarcane acreage was irrigated and fertilized. (95 acres for item 4 and 90 acres for item 6.)

e. 92 tons of dry fertilizer were used on the acres harvested.

f. 47.4-70 tons of dry fertilizer were used on the acres for future harvest.

(See the space for whole tons and 6 in the space for tenths.)

Sections numbered 8, 9, 10, 11, 15, 17, 18, 19, and 20 have been omitted from your reporting form since Hawaii requires fewer sections for reporting crops than the version used for the other 49 States.

The materials in the last paragraph of page 8 and on page 9 of the Leaflet do not apply to Hawaii. However, pages 10, 11, and 12 of the Leaflet provide useful general information about the reporting of crops and a discussion of some special crop reporting problems.

Pages 13 and 14 contain information about specific crop sections, and Table 1, at the end of the Leaflet, provides a list of weight-per-unit conversion factors for the crops most commonly grown in the United States. Much of this information is pertinent to Hawaii, but the section number for the crop may be different for Hawaii than for the other States. For example, section 23, "Other crops," on page 14 of the Leaflet, shows the 12-month growing season for sugarcane; but on the Hawaii reporting form sugarcane is to be reported in section 13.

Section 12 — Was any FIELD CORN, PEANUTS, GINGER or LOTUS ROOTS, Taro, IRISH POTATOES or SWEETPOTATOES harvested from this place in 1969?

<table>
<thead>
<tr>
<th>Crop</th>
<th>Acres harvested</th>
<th>Quantity harvested</th>
<th>Acres irrigated</th>
<th>Commercial fertilizer used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Field corn</td>
<td>127 Tons</td>
<td>2 Tons</td>
<td>3 Tons</td>
<td>Dry 5 Liquid 10</td>
</tr>
<tr>
<td>Peanuts</td>
<td>125 Pounds</td>
<td>2 Pounds</td>
<td>3 Pounds</td>
<td>Dry 5 Liquid 10</td>
</tr>
<tr>
<td>Ginger root</td>
<td>148 Pounds</td>
<td>2 Pounds</td>
<td>3 Pounds</td>
<td>Dry 5 Liquid 10</td>
</tr>
<tr>
<td>Lotus root</td>
<td>145 Pounds</td>
<td>2 Pounds</td>
<td>3 Pounds</td>
<td>Dry 5 Liquid 10</td>
</tr>
<tr>
<td>Wetland taro</td>
<td>146 Tons</td>
<td>2 Tons</td>
<td>3 Tons</td>
<td>Dry 5 Liquid 10</td>
</tr>
<tr>
<td>Dryland taro</td>
<td>147 Tons</td>
<td>2 Tons</td>
<td>3 Tons</td>
<td>Dry 5 Liquid 10</td>
</tr>
<tr>
<td>Irish potatoes</td>
<td>165 Bushels</td>
<td>15 Bushels</td>
<td>15 Bushels</td>
<td>Dry 5 Liquid 10</td>
</tr>
<tr>
<td>Sweetpotatoes</td>
<td>167 Bushels</td>
<td>15 Bushels</td>
<td>15 Bushels</td>
<td>Dry 5 Liquid 10</td>
</tr>
</tbody>
</table>

Section 13 — Was any SUGARCANE or PINEAPPLES harvested or growing on this place in 1969?

<table>
<thead>
<tr>
<th>Crop</th>
<th>Acres harvested</th>
<th>Quantity harvested</th>
<th>Acres irrigated</th>
<th>Commercial fertilizer used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sugarcane harvested</td>
<td>188 Tons</td>
<td>2 Tons</td>
<td>3 Tons</td>
<td>Dry 5 Liquid 10</td>
</tr>
<tr>
<td>Sugarcane not</td>
<td>165 Tons</td>
<td>2 Tons</td>
<td>3 Tons</td>
<td>Dry 5 Liquid 10</td>
</tr>
<tr>
<td>Pineapples harvested</td>
<td>167 Tons</td>
<td>2 Tons</td>
<td>3 Tons</td>
<td>Dry 5 Liquid 10</td>
</tr>
<tr>
<td>Pineapples not</td>
<td>148 Tons</td>
<td>2 Tons</td>
<td>3 Tons</td>
<td>Dry 5 Liquid 10</td>
</tr>
</tbody>
</table>

Section 14 — Was any HAY or GRASS SILAGE harvested from this place in 1969?

<table>
<thead>
<tr>
<th>Crop</th>
<th>Acres harvested</th>
<th>Quantity harvested</th>
<th>Acres irrigated</th>
<th>Commercial fertilizer used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Napier grass</td>
<td>185 Tons</td>
<td>2 Tons</td>
<td>3 Tons</td>
<td>Dry 5 Liquid 10</td>
</tr>
<tr>
<td>Alfalfa and alfalfa</td>
<td>170 Tons</td>
<td>2 Tons</td>
<td>3 Tons</td>
<td>Dry 5 Liquid 10</td>
</tr>
<tr>
<td>Other hay</td>
<td>176 Tons</td>
<td>2 Tons</td>
<td>3 Tons</td>
<td>Dry 5 Liquid 10</td>
</tr>
<tr>
<td>Grass silage</td>
<td>177 Tons</td>
<td>2 Tons</td>
<td>3 Tons</td>
<td>Dry 5 Liquid 10</td>
</tr>
</tbody>
</table>

5. Commercial fertilizer used on these crops
### Section 21 - Were any VEGETABLES, CORN or MELONS harvested for sale from this place in 1969?
(See Leaflet, section 21.)

#### Yes - Complete this section

<table>
<thead>
<tr>
<th>Name</th>
<th>No.</th>
<th>Name</th>
<th>No.</th>
<th>Name</th>
<th>No.</th>
<th>Name</th>
<th>No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Broccoli</td>
<td>227</td>
<td>Celery</td>
<td>213</td>
<td>Mustard cabbage</td>
<td>228</td>
<td>Watermelon</td>
<td>229</td>
</tr>
<tr>
<td>Brussel sprouts</td>
<td>227</td>
<td>Chinese cabbage</td>
<td>322</td>
<td>Radishes</td>
<td>323</td>
<td>All other vegetables</td>
<td>324</td>
</tr>
<tr>
<td>Carrots</td>
<td>227</td>
<td>Spinach</td>
<td>322</td>
<td>Other trees, not specified</td>
<td>323</td>
<td>Watercress</td>
<td>322</td>
</tr>
<tr>
<td>Cauliflower</td>
<td>228</td>
<td>Daikon</td>
<td>328</td>
<td>Other trees, not specified</td>
<td>323</td>
<td>Other vegetables</td>
<td>324</td>
</tr>
</tbody>
</table>

#### No - Go to Section 22

<table>
<thead>
<tr>
<th>Missing entries</th>
<th>Yes</th>
<th>No.</th>
<th>Name</th>
<th>No.</th>
<th>Name</th>
<th>No.</th>
<th>Name</th>
<th>No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brussel sprouts</td>
<td>227</td>
<td>Celery</td>
<td>213</td>
<td>Mustard cabbage</td>
<td>228</td>
<td>Watermelon</td>
<td>229</td>
<td></td>
</tr>
<tr>
<td>Brussel sprouts</td>
<td>227</td>
<td>Chinese cabbage</td>
<td>322</td>
<td>Radishes</td>
<td>323</td>
<td>All other vegetables</td>
<td>324</td>
<td></td>
</tr>
<tr>
<td>Carrots</td>
<td>227</td>
<td>Spinach</td>
<td>322</td>
<td>Other trees, not specified</td>
<td>323</td>
<td>Watercress</td>
<td>322</td>
<td></td>
</tr>
<tr>
<td>Cauliflower</td>
<td>228</td>
<td>Daikon</td>
<td>328</td>
<td>Other trees, not specified</td>
<td>323</td>
<td>Other vegetables</td>
<td>324</td>
<td></td>
</tr>
</tbody>
</table>

### Section 26 - Was there a COMBINED TOTAL of 20 or more nut trees, banana plants, coffee trees, or fruit trees on this place in 1969?

#### Yes - Complete this section

<table>
<thead>
<tr>
<th>Acres in trees or plants of all ages</th>
<th>Acres fertilized</th>
<th>Commercial fertilizer used</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>10</td>
<td>Dry: 10  Liquid or gas: 10</td>
</tr>
</tbody>
</table>

#### No - Go to Section 27
Section 22 - Were any TREES, SHRUBS, VINES, ORNAMENTALS, FLOWERS, FLOWERING PLANTS, FLOWER SEEDS, VEGETABLE SEEDS or VEGETABLE PLANTS grown for sale on this place in 1969?

<table>
<thead>
<tr>
<th>Area used in 1969</th>
<th>Quantity sold</th>
<th>Value of sales, 1969</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Square feet</td>
<td>Flowers</td>
</tr>
<tr>
<td>1. Nursery products - trees, shrubs, vines, etc.</td>
<td>370</td>
<td>371</td>
</tr>
<tr>
<td>2. Sod</td>
<td>372</td>
<td>373</td>
</tr>
<tr>
<td>3. Bulbs</td>
<td>375</td>
<td>376</td>
</tr>
<tr>
<td>4. Cut flowers, florist greens, and potted, bedding, or other florist plants</td>
<td>377</td>
<td>378</td>
</tr>
<tr>
<td>a. Anthuriums</td>
<td>380</td>
<td>381</td>
</tr>
<tr>
<td>b. Vanda type orchids</td>
<td>383</td>
<td>384</td>
</tr>
<tr>
<td>c. All other orchids</td>
<td>386</td>
<td>387</td>
</tr>
<tr>
<td>d. Cultivated foliage</td>
<td>391</td>
<td>392</td>
</tr>
<tr>
<td>e. Carnations</td>
<td>393</td>
<td>394</td>
</tr>
<tr>
<td>f. Wood roses</td>
<td>396</td>
<td>397</td>
</tr>
<tr>
<td>g. Lei flowers</td>
<td>399</td>
<td>400</td>
</tr>
<tr>
<td>h. Birds of paradise</td>
<td>402</td>
<td>403</td>
</tr>
<tr>
<td>5. Flower seeds, vegetable seeds, and vegetable plants</td>
<td>404</td>
<td>405</td>
</tr>
</tbody>
</table>
| 6. Area irrigated - Include 
| items 1 through 5 | 407 | 408 | 409 |

Section 23 - Were any OTHER CROPS harvested from this place in 1969?

<table>
<thead>
<tr>
<th>Area fertilized</th>
<th>Fertilizer used</th>
<th>Value of sales, CENTS NOT REQUIRED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Square feet</td>
<td>Acres</td>
<td>Tons</td>
</tr>
<tr>
<td>7. Commercial fertilizer used on nursery or greenhouse products</td>
<td>410</td>
<td>411</td>
</tr>
</tbody>
</table>

Section 24 - Were any FOREST PRODUCTS sold from this place in 1969? (See Leaflet, section 24."

| Value of sales, CENTS NOT REQUIRED | Dollars | Cents |
|------------------------------------|---------|
| 1. Standing timber or trees | 400 | 401 |
| 2. Firewood or fuelwood | 430 | 431 |
| 3. Sawmills and veneer logs | 460 | 461 |
| 4. Pulpwood | 490 | 491 |
| 5. Other forest products (fence posts, poles, pilings, Christmas trees, charcoal, lumber, sisal, tree ferns, uncultivated plants, etc.) | 520 | 521 |