



## 'Waimea' Anthurium

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'Waimea' is a new anthurium developed as a much-needed fast-propagating, high-yielding, bright red cut flower. It is being released to fill the niche once held by the popular but highly blight-susceptible red cultivar 'Ozaki'.

The new cultivar originated from a cross between 'Paradise Pink' and selection 768-47 (*A. antioquiense* x 'Marian Seefurth') made in December 1987 by H. Kamemoto. This seedling was selected for observation and evaluation in November, 1989. Tissue-cultured plantlets were initiated in 1994, and micropropagated plants were given to grower-cooperators for advance testing in 1999. Field performance from all test sites indicated good growth and high yield. Evaluation was completed in December, 2001, and mother flasks of propagative materials were released to the Hawaii industry in March, 2002.



### Characteristics of 'Waimea' anthurium

|                   |  |
|-------------------|--|
| Spathe            |  |
| Size and shape    | Large, 5¾" long, 5" wide                                 |
| Color             | Red (RHSCC 45B)  |
| Spadix            |  |
| Size and shape    | 3¼" long, ½" diameter                                    |
| Color             | Orange-red (RHSCC 39A), turning red-purple (RHSCC 62A)   |
| Flower stem       | Erect, 27" long, ¼" diameter                             |
| Leaf blade        | 13½" long, 8 1/2" wide                                   |
| Leaf petiole      | 17½", ¼" diameter  |
| Yield             | 6.3 flowers per shoot per year                           |
| Internode length  | Medium   |
| Sucker production | Fair   |
| Disease tolerance | Moderately resistant to bacterial blight and anthracnose |
| Keeping quality   | 28 days (includes 3-day packing time)                    |

'Waimea' anthurium has a medium- to large-sized heart-shaped flower with slightly overlapping lobes. It retains its vibrant color even under hot summer conditions and exhibits little damage from rain or mechanical injury in the field. Like 'Ozaki', the spathe and spadix of 'Waimea' share the same color grouping. The flowers are borne on straight and sturdy stems that have an average length of 27 inches. The yield potential of 'Waimea' is about 6.3 flowers per stem per year. This cultivar is notably fast in tissue culture. Packing trials with 95 flowers conducted over a 2-year period showed good keeping quality of 28 days total from harvest. Vase-life can be increased to 34 days (plus 3 days packed) by dipping or spraying flowers with 100 ppm B.A. No phytotoxic reaction was observed in response to Avid® 0.15EC and Dimethoate® 400 at twice the labeled rates.