



'Maggie Inouye' and 'Mini Gem' Anthuriums

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Grace and elegance characterize the new light pink, tulip-type anthurium variety 'Maggie Inouye', UH1141. This novelty cut flower selection arose from a complex cross, involving several different species of *Anthurium*, that gave rise to lavender siblings 'ARCS' and 'ARCS Hawaii'. The resulting flower is resistant to anthracnose and does not reflex as much as 'ARCS'. Its dark green leaves are narrow and triangular, similar to 'ARCS'-type foliage. The attractive flower was selected by the late Mrs. Daniel Inouye for naming as 'Maggie Inouye' and was presented as her namesake anthurium

in April 2004 at the CTAHR Awards Banquet prior to her passing in 2006.

'Maggie Inouye' originated from cross 587 made in 1980 between [('Uniwai' x *A. kamemotoanum*) x *A. formosum*] and *A. amnicola*. The seedling was selected by Dr. Kamemoto in 1996 for increase in aseptic culture. It micropropagated relatively slowly. Tissue-cultured plantlets were transferred to CTAHR's Waiakea Research Station beginning in Sept. 2004 and to grower-cooperators for advance testing in Sept. 2004 through Nov. 2005. Field performance has been good. Due to its novelty, the plant selection is being released early to industry.

The tulip-type spathe of 'Maggie Inouye' is about 6 inches long and 3 inches wide and is held on a straight, sturdy flower stem. The upright spadix is about 3 inches



long and may emit a faint mint fragrance. Yield is about eight flowers per stem per year. Plants originally appeared tolerant to the systemic phase of bacterial blight but can succumb over time. Vase life of about 2 weeks is doubled to 4 weeks by dipping or spraying flowers with 100 ppm benzyl adenine (BA). The flower acquires a lighter hue with age or during summer months.

'Mini Gem' (UH1207) is a miniature purple from a cross between a sibling of lavender 'ARCS' and *A. amnicola* intended for novelty potted plant production. The spathe is a rare purple, RHSCC 771, and measures 2¼ inches long and 1½ inches wide. The short spadix is dark purple, RHSCC 79B. The flower offers better color and size to the trade than 'Lavender Prince'. The miniature plant may be well suited for bored lava rock culture or for small pot sizes used as table center pieces. Protected cultivation is recommended due to its susceptibility to anthurium bacterial blight. 'Mini Gem' was originally slow to establish in tissue culture. Mother flasks of propagules will be available for early release to the anthurium industry as a novelty miniature plant in 2007.

Table 1. Characteristics of anthurium 'Maggie Inouye'.

Spathe	
Size and shape	Upright, tulip-type spathe, 5½" long, 2¾" wide
Color	Light pink (grey-purple, RHSCC 185D, lightening with age to red-purple, RHSCC 58D)
Spadix	
Size and shape	2¾" long, ⅜" wide
Color	Purple (grey-purple, RHSCC 186C)
Flower Stem	21" long, ¼" wide
Yield	8 flowers per plant per year
Leaf	
Blade	10" long, 6" wide
Petiole	11" long
Sucker production	Poor
Disease tolerance	Resistant to anthracnose
Keeping quality	Fresh cut, 2 weeks; with 100 ppm BA, 29 days