‘Red Hot’ Anthurium

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Anthurium andraeanum Linden ex Andre (Araceae Juss.), commonly called tailflower or flamingo lily, is grown traditionally for cut flowers because of its large and showy red, orange, pink, or white spathes. The large leaves and long petioles and peduncles generally preclude use as pot plants. Recently, newly developed interspecific hybrids, such as Anthurium × ‘Lady Jane’ (Kamemoto and Kuehnle, 1996) and Anthurium × ‘Southern Blush’ (Henny et al., 1988) are being grown as flowering pot plants, because their smaller size is suitable for pot production and they are highly floriferous. Anthurium × ‘Red Hot’ is one such interspecific hybrid that exhibits numerous showy red spathes and a compact, freely branching growth habit.

Origin

Anthurium × ‘Red Hot’ originated from hybridization of A. amnicola Dressler, a dwarf species with small lavender (RHS 75D; Royal Horticultural Society, 1995) spathes and a naturally clumping growth habit with an unnamed selection of A. andraeanum (accession code G-79) that had pink (RHS 55C) spathes. One of the resulting F₁ hybrids was designated as the female parent and crossed with Anthurium × ‘Lady Jane’ to produce the progeny from which ‘Red Hot’ was selected (Fig 1.); ‘Lady Jane’ is probably an interspecific hybrid with A. antioquiense Engler in its background; however, its exact origin is unknown (Kamemoto and Kuehnle, 1996). It is a popular commercial cultivar with red (RHS 51A) spathes.

Description

The following characteristics are typical for a 1-year-old Anthurium × ‘Red Hot’ plant grown in a 1.6-L pot. Leaves are dark green (RHS 147A), lanceolate, 18 to 20 cm long, and 11 to 12 cm wide near the base. Petioles are 26 to 34 cm long. The peduncle is gray-orange (RHS 171B), and 20 to 28 cm above the soil surface when the spathe is fully open. Spathes

![Fig. 1. Pedigree of Anthurium × ‘Red Hot’](image1)

![Fig. 2. A mature plant of Anthurium × ‘Red Hot’ in a 3.9-L pot.](image2)
of 4.6 ± 0.6 and 1.4 ± 0.4, respectively. Plant quality averaged 4.7 ± 0.2 with all plants being rated between good and excellent at each fertilizer level.

Availability

‘Red Hot’ has been patented (U.S. Plant Patent No. PP09355). It is intended for commercial producers growing finished plants in 1.6- or 3.9-L containers. Patent rights have been assigned to the Florida Foundation Seed Producers, and plants have been released to several Florida tissue culture labs for propagation and distribution. Inquiries regarding participating laboratories may be obtained by writing the Florida Foundation Seed Producers, Inc., P.O. Box 309, Greenwood, FL 32443. Plants for research purposes may be obtained directly from R.J.H.

Literature Cited

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