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Report of new cultivar

Dendrobium 'Jaicate'. New hybrid of orchid from Cuba

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ABSTRACT

Dendrobium spp. cultivars are the fourth most sold floricultural products, after the palms, *Dracaena* spp and *Anthurium* spp. This work shows the main characteristics of a new cultivar of *Dendrobium*, 'Jaicate'. This is the result of cross-pollination between *Dendrobium* 'Queen South East' and *Dendrobium* 'Jacquelyn Thomas'. It was registered in Sander's list and it was published in the Royal Horticultural Society of England database, in *Orchids Review Supplement*.

Keys words: hybrids, orchids, manual pollination

INTRODUCTION

Dendrobium plants belonging to the *Phalaenantha* section are generally called "Phalaenopsis type". This group has terminal and subterminal inflorescences, mainly with quite large and showy flowers of various colours. Genetic improvement has allowed this section to be part of the most cultivated orchids group in the world and its hybrids of various shapes, colours and sizes, give this genus great commercial importance at the international level.

Source

Dendrobium 'Jaicate' is the result of artificial pollination carried out in December 2014 between *Dendrobium* 'Queen South East' and *Dendrobium* 'Jacquelyn Thomas', both hybrids present in private collections in Cuba. The hybrid seeds were grown *in vitro* in Murashige and Skoog (1962) culture medium and it was extracted from the flasks at 12 months of age. The first plants bloomed in October 2018.

Characteristics

Epiphytic plant. Erect stems with knots. Lanceolate leaves 13 cm long and 4.5 cm wide. The terminal and subterminal inflorescence, 15.0-20.0 cm in length and variable quantity of flowers. Flowers 5.0–5.5 cm in diameter. Pink and white petals and sepals at the junction of the flower parts. Sepals are linear, reflexed, 2.3-2.5 cm long and 0.8-1.0 cm wide. Petals concave, reflective, oblong-lanceolate, 2.8-3.0 cm long, 1.3-1.5 cm wide. Lip trilobed, lateral lobes white with pinkish tip and white ridges and ending in dark pink, 3.5 cm long and 1 cm wide. Very short white column, 0.5 mm (Photo 1).



Photo 1. Frontal View of *Dendrobium* 'Jaicate' flowers