APPLICATIONS UNDER EXAMINATION

IMPATIENS

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(Impatiens walleriana)

Proposed denomination: 'Balfiecoran' Fiesta Coral Orange

Application number: 19-9971 **Application date:** 2019/07/17

Applicant: Ball Horticultural Company, West Chicago, Illinois, United States of America

Agent in Canada: BioFlora Inc., St. Thomas, Ontario

Breeder: Michael S. Uchneat, Uchneat, Michael S., Bellefonte, Pennsylvania, United States of America

Variety used for comparison: 'Balfiedeor' (Fiesta Deep Orange)

Summary: The plants of 'Balfiecoran' are wider than those of 'Balfiedeor'. The upper side of the leaf blade of 'Balfiecoran' is medium green whereas that of 'Balfiedeor' is dark green. Between veins, the lower side of the leaf blade of 'Balfiecoran' is green while it is green with red blotches for 'Balfiedeor'. The inner side of the flower of 'Balfiecoran' is orange red whereas that of 'Balfiedeor' is red with lighter red tones. The spur of the flower of 'Balfiecoran' has a medium degree of curvature whereas the spur of 'Balfiedeor' has strong curvature.

Description:

PLANT: rounded growth habit, dense foliage

SHOOT: medium intensity of anthocyanin colouration

STEM: anthocyanin colouration present

LEAF BLADE (UPPER SIDE): medium green upper side, no marking, absent or very weak intensity of anthocyanin

colouration

LEAF BLADE (LOWER SIDE): green between veins, green veins

PEDICEL: absent or very weak intensity of anthocyanin colouration

FLOWER: double type

COROLLA (INNER SIDE): orange red (paler than RHS 33B), no secondary colour

SPUR: medium degree of curvature

Origin and Breeding: 'Balfiecoran' originated from a cross pollination conducted in October 2011 as part of a controlled breeding program in Bellefonte, Pennsylvania, USA. The cross was conducted between two unpatented proprietary breeding selections of *Impatiens walleriana*, the female parent designated 1071-1, and the male parent designated 1064c-1. In October 2012, 'Balfiecoran' was selected for its freely branching growth habit, foliage colour, large fully double-type flowers and flower colour. Since the time of selection, asexual propagation has been through the use of terminal stem cuttings.

Tests and Trials: The comparative trial for 'Balfiecoran' was conducted in a polyhouse during the spring of 2020 in St. Thomas, Ontario. The trial included a total of 20 plants each of the candidate and reference variety. All plants were grown from rooted cuttings and transplanted into 12 cm pots on April 16, 2020. Observations and measurements were taken from 10 plants, or parts of plants, of each variety on June 2, 2020. All colour determinations were made using the 2007 Royal Horticultural Society (RHS) Colour Chart.

Comparison table for 'Balfiecoran'

	'Balfiecoran'	'Balfiedeor'*
Plant width (cm)		
mean	33.9	28.7
std. deviation	3.23	2.22



Main colour of flower (RHS) inner side paler than

paler than 33B 42A with 40A tones

*reference variety



Impatiens: 'Balfiecoran' (left) with reference variety 'Balfiedeor' (right)



Impatiens: 'Balfiecoran' (left) with reference variety 'Balfiedeor' (right)