



**APPLICATIONS UNDER EXAMINATION**

**IMPATIENS**

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*(Impatiens)*

**Proposed denomination:** 'SAKIMP008'  
**Trade name:** SunPatiens Spreading Salmon  
**Application number:** 09-6505  
**Application date:** 2009/02/03  
**Applicant:** Sakata Seed Corporation, Yokohama, Japan  
**Agent in Canada:** BioFlora Inc., St. Thomas, Ontario  
**Breeder:** Moriya Kawashima, Amsleveen, The Netherlands  
 Yoneo Kobayashi, Nagano, Japan

**Variety used for comparison:** 'Misato FG2' (SunPatiens Orange)

**Summary:** *The leaves of 'SAKIMP008' are smaller than those of 'Misato FG2'. 'SAKIMP008' has medium anthocyanin colouration on the midrib of the lower side of the leaf blade while 'Misato FG2' has absent to very weak anthocyanin colouration. The flowers of 'SAKIMP008' are larger than those of 'Misato FG2'. 'SAKIMP008' is red on the upper side of the petals while 'Misato FG2' is orange red. The lower side of the petals of 'SAKIMP008' are red pink while those of 'Misato FG2' are orange red to light red pink.*

**Description:**

SHOOT: strong anthocyanin colouration on upper third

LEAF BLADE: no variegation, medium green on upper side, no anthocyanin colouration on upper side, only green between veins on lower side, medium anthocyanin colouration on midrib of lower side, weak anthocyanin colouration on veins of lower side

PETIOLE: weak anthocyanin colouration on upper side

FLOWER: single, one coloured, red (RHS 40A) on upper side of petal, red pink (RHS 43C and 47D) on lower side of petal, medium sized pink eye zone, medium depth incision on lower petal

PEDICEL: medium anthocyanin colouration

SPUR: medium to strong anthocyanin colouration, medium to strong degree of curvature

**Origin and Breeding:** 'SAKIMP008' originated from a hybridization between two proprietary lines conducted by the breeders Moriya Kawashima and Yoneo Kobayashi in January 2004, at the Misato Research Station. The resultant progeny were evaluated in an open field trial and a single plant was selected based on salmon flower colour, mounding growth habit and a strong root system. From May to August 2005, the selection was evaluated in the field. Shoot tip cuttings were propagated in Salinas, California and plants were evaluated for stability of traits. The new variety was subsequently named 'SAKIMP008'.

**Tests and Trials:** Trials for 'SAKIMP008' were conducted in a polyhouse during the summer of 2009 in St. Thomas, Ontario. Trials included 15 plants each of the candidate and reference varieties. Rooted cuttings were transplanted into 15 cm pots on April 24, 2009. Observations and measurements were taken from 10 plants of each variety on June 10, 2009. All colour determinations were made using the 2007 Royal Horticultural Society (RHS) Colour Chart.

**Comparison table for 'SAKIMP008'**

	'SAKIMP008'	'Misato FG2'*
Leaf length (cm)		
mean	8.7	9.9
std. deviation	0.82	0.73

Leaf width (cm)

mean	4.1	4.9
std. deviation	0.25	0.25

Colour of petals (RHS)

upper side	40A	N30B
lower side	blend of 43C and 47D	41C-D

\*reference variety



Impatiens: 'SAKIMP008' (left) with reference variety 'Misato FG2' (right)



Impatiens: 'SAKIMP008' (left) with reference variety 'Misato FG2' (right)



Impatiens: 'SAKIMP008' (left) with reference variety 'Misato FG2' (right)

**IMPATIENS**  
(*Impatiens hawkeri*)

**Proposed denomination:** 'Balcebibu'  
**Trade name:** Celebration Icy Blue  
**Application number:** 08-6199  
**Application date:** 2008/02/28  
**Applicant:** Ball Horticultural Company, West Chicago, Illinois, United States of America  
**Agent in Canada:** BioFlora Inc., St. Thomas, Ontario  
**Breeder:** Leslie Heffron, Arroyo Grande, California, United States of America

**Varieties used for comparison:** 'Kialdan' (Paradise Light Lavender) and 'Harmony Lavender'

**Summary:** *The upper side of the leaf blade of 'Balcebibu' has no anthocyanin colouration while that of 'Harmony Lavender' has weak anthocyanin colouration at the base of the midrib. 'Balcebibu' has no anthocyanin colouration on the veins and midrib on the lower side of the leaf blade while 'Harmony Lavender' has anthocyanin colouration ranging from weak to medium. The upper side of the petiole of 'Balcebibu' has no anthocyanin while that of 'Harmony Lavender' has weak anthocyanin colouration. 'Balcebibu' differs from both reference varieties in the main colour of the upper and lower sides of the petals. The flowers of 'Balcebibu' have a medium to large eye zone while those of 'Kialdan' have a small to medium sized eye zone.*

**Description:**

SHOOT: no anthocyanin colouration on upper third

LEAF BLADE: no variegation, medium green to dark green on upper side, no anthocyanin colouration on upper side, only green between veins on lower side, no anthocyanin colouration on midrib or veins on lower side

PETIOLE: no anthocyanin colouration on upper side

FLOWER: single, one coloured, violet to light blue violet (RHS 84B-C) with white (RHS 155A) around the base of all petals on the upper side, light blue violet (RHS 76D) on lower side, medium to large white eye zone

PEDICEL: no anthocyanin colouration

SPUR: no anthocyanin colouration, strong degree of curvature

**Origin and Breeding:** 'Balcebibu' originated from a cross pollination between the female parent, proprietary breeding selection 8210-1 and the male parent, proprietary breeding selection 8302-1 conducted in December 2004. The new Impatiens originated as part of a controlled breeding program at Arroyo Grande, California, United States. The initial selection of 'Balcebibu' was made in May 2005 based on flower colour, performance in multiple environments, branching characteristics as well as growth habit and flowering time that fit the series. 'Balcebibu' has been propagated by vegetative cuttings since its selection.

**Tests and Trials:** Trials for 'Balcebibu' were conducted in a polyhouse during the summer of 2009 in St. Thomas, Ontario. Trials included 15 plants each of the candidate and reference varieties. Rooted cuttings were transplanted into 15 cm pots on May 7, 2009. Observations and measurements were taken from 10 plants of each variety on July 20, 2009. All colour determinations were made using the 2007 Royal Horticultural Society (RHS) Colour Chart.

**Comparison table for 'Balcebibu'**

	'Balcebibu'	'Kialdan'*	'Harmony Lavender'*
<i>Main colour of petals (RHS)</i>			
upper side	84B-C	N80C	closest to N74B
lower side	76D	76B-C	N74C with white tones

\*reference varieties



Impatiens: 'Balcebibu' (left) with reference varieties 'Kialdan' (centre) and 'Harmony Lavender' (right)



Impatiens: 'Balcebibu' (left) with reference varieties 'Kialdan' (centre) and 'Harmony Lavender' (right)



Impatiens: 'Balcebibu' (left) with reference varieties 'Kialdan' (centre) and 'Harmony Lavender' (right)

**IMPATIENS**  
(*Impatiens walleriana*)

**Proposed denomination:** 'Balfiebur'  
**Trade name:** Fiesta Burgundy  
**Application number:** 07-5867  
**Application date:** 2007/04/12  
**Applicant:** Ball Horticultural Company, West Chicago, Illinois, United States of America  
**Agent in Canada:** BioFlora Inc., St. Thomas, Ontario  
**Breeder:** Ball Horticultural Company, West Chicago, Illinois, United States of America

**Variety used for comparison:** 'Fiesta Burgundy Rose'

**Summary:** *The leaves of 'Balfiebur' are smaller than those of 'Fiesta Burgundy Rose'. 'Balfiebur' differs from 'Fiesta Burgundy Rose' in the colour of the upper and lower sides of the petals.*

**Description:**

SHOOT: weak anthocyanin colouration on upper third

LEAF BLADE: no variegation, medium green on upper side, no anthocyanin colouration on upper side, only green between veins on lower side, ranging from absent to very weak anthocyanin colouration on midrib of lower side, no anthocyanin colouration on veins of lower side

PETIOLE: weak anthocyanin colouration on upper side

FLOWER: double, one coloured, purple (more red than RHS 61B) on upper side of petal, blue pink (RHS 64C) on lower side of petal, no eye zone

PEDICEL: weak anthocyanin colouration

SPUR: weak to medium anthocyanin colouration, weak degree of curvature

**Origin and Breeding:** 'Balfiebur' originated from a cross pollination between the female parent, proprietary breeding selection 5018-6 and the male parent, proprietary breeding selection 3466-1-1-1-1 conducted on November 1, 2004. The new Impatiens was part of a controlled breeding program conducted at Arroyo Grande, California, United States. The initial selection was made on August 9, 2005 based flower form, flower colour, flower size, foliage size and branching habit. 'Balfiebur' has been propagated by vegetative cuttings since its selection.

**Tests and Trials:** Trials for 'Balfiebur' were conducted in a polyhouse during the summer of 2009 in St. Thomas, Ontario. Trials included 15 plants each of the candidate and reference varieties. Rooted cuttings were transplanted into 15 cm pots on April 24, 2009. Observations and measurements were taken from 10 plants of each variety on June 30, 2009. All colour determinations were made using the 2007 Royal Horticultural Society (RHS) Colour Chart.

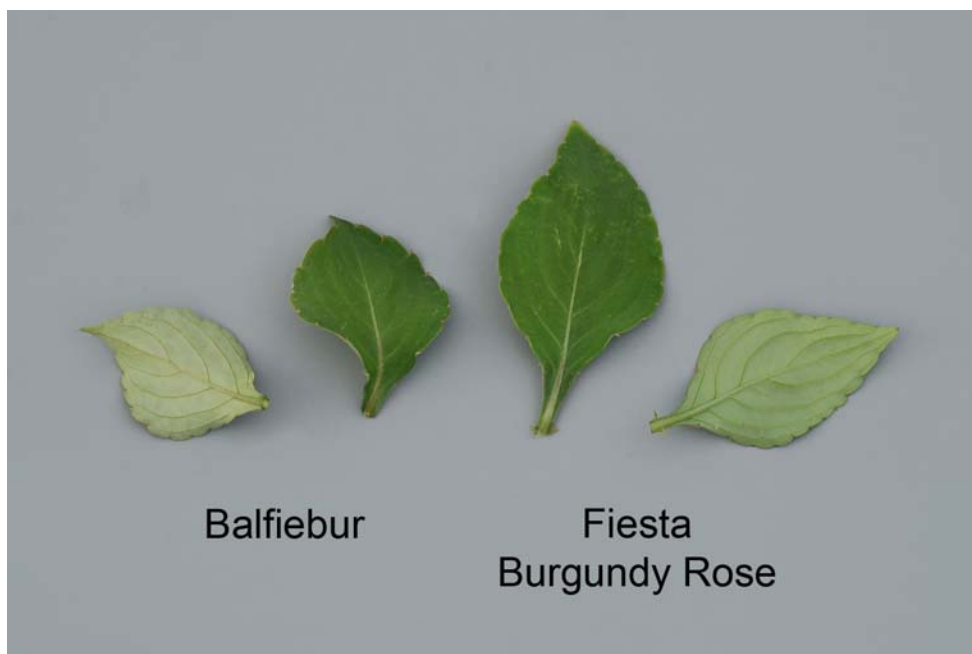
**Comparison table for 'Balfiebur'**

	'Balfiebur'	'Fiesta Burgundy Rose'*
<i>Leaf length (cm)</i>		
mean	5.2	7.9
std. deviation	0.39	0.59
<i>Leaf width (cm)</i>		
mean	2.6	3.7
std. deviation	0.07	0.28
<i>Colour of petals (RHS)</i>		
upper side	more red than 61B	N66A-B
lower side	64C to darker along margin	68A with fading at base

\*reference variety



Impatiens: 'Balfiebur' (left) with reference variety 'Fiesta Burgundy Rose' (right)



Impatiens: 'Balfiebur' (left) with reference variety 'Fiesta Burgundy Rose' (right)





Impatiens: 'Balfiebur' (left) with reference variety 'Fiesta Burgundy Rose' (right)