



APPLICATIONS UNDER EXAMINATION

NIEREMBERGIA

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(Nierembergia)

Proposed denomination: 'Sunnicopadibu'
Trade name: Summer Splash Patio Blue Improved
Application number: 07-5935
Application date: 2007/06/25
Applicant: Suntory Flowers Limited, Tokyo, Japan
Agent in Canada: Brenda Cole, BioFlora Inc., St. Thomas, Ontario
Breeder: Yasuyuki Murakami, Suntory Flowers Limited, Shiga, Japan

Variety used for comparison: 'Sunnicobu' (Summer Splash Compact Blue)

Summary: *'Sunnicopadibu' has taller, narrower plants and shorter pedicels than 'Sunnicobu'. The plant growth habit for 'Sunnicopadibu' is upright bushy whereas it is trailing for 'Sunnicobu'. The main colour on the inner side of the flower of 'Sunnicopadibu' is dark violet whereas it is light blue violet for 'Sunnicobu'. 'Sunnicopadibu' has a smaller central eye zone than 'Sunnicobu'.*

Description:

PLANT: upright bushy growth habit, dense
 STEM: light to medium green, no anthocyanin colouration, thin

LEAF BLADE: linear to lanceolate shape, narrow acute apex, light green on upper and lower sides, no petiole

INFLORESCENCE: single type

SEPAL: narrow acute apex

FLOWER: cup-like shape, cream coloured (petal) tube, moderate degree of lobing, weak reflexing of margin, margin on upper side is violet, middle on upper side is dark violet, base of upper side is blue violet, central eye zone is yellow and small

ANTHER: yellow green

Origin and Breeding: 'Sunnicopadibu' originated from a cross made in the summer of 2003 between the female parent designated 'N121' and the male parent 'NB18' at the Omi R & D Center of Suntory Flowers Ltd. located in Higashiomi-shi, Shiga-ken, Japan. The resultant seeds were sown and grown in pots. In October 2004, several seedlings were selected based on their plant shape and flower colour, propagated by cuttings and subjected to flower potting and bedding trials in 2005. In October 2005, 'Sunnicopadibu' was finally selected.

Tests and Trials: Trials for 'Sunnicopadibu' were conducted in a polyhouse during the summer of 2008 at BioFlora Inc. in St. Thomas, Ontario. The trial included a total of 15 plants per variety. All plants were grown from rooted cuttings and transplanted into 15 cm pots on April 16, 2008. Measured characteristics were based on measurements taken from 10 plants or parts of plants on June 10, 2008. All colour determinations were made using the 2001 Royal Horticultural Society (RHS) Colour Chart.

Comparison table for 'Sunnicopadibu'

	'Sunnicopadibu'	'Sunnicobu'*
<i>Plant height (cm)</i>		
mean	22.5	14.2
std. deviation	2.88	1.14
<i>Plant width (cm)</i>		
mean	32.3	41.3
std. deviation	1.57	2.67

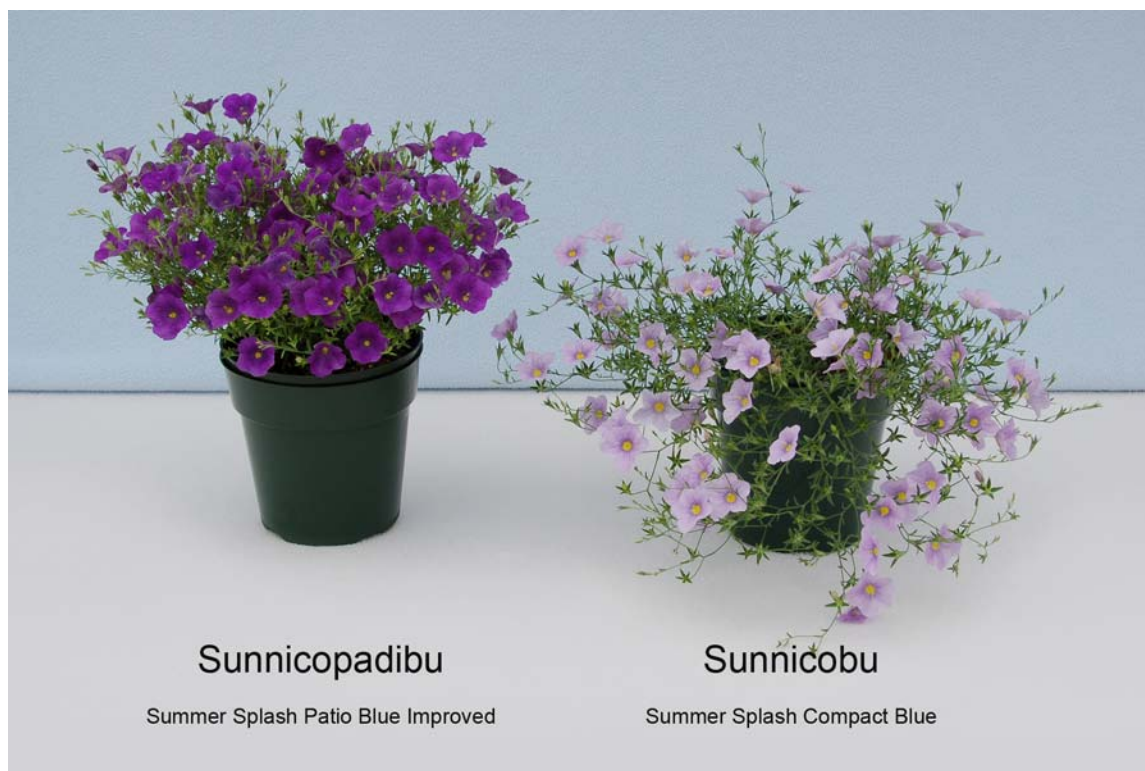
Pedical length (cm)

mean	0.8	1.6
std. deviation	0.22	0.43

Colour of upper side of flower (RHS)

margin	N82A	76C
middle	83B	76A
base	90C	93C
central eye	6B	6A-B

*reference variety



Nierembergia: 'Sunnicopadibu' (left) with reference variety 'Sunnicobu' (right)



Nierembergia: 'Sunnicopadibu' (left) with reference variety 'Sunnicobu' (right)
