



APPLICATIONS UNDER EXAMINATION

NEMESIA

NEMESIA (*Nemesia*)

Proposed denomination: 'INNEMAROPI'
Application number: 19-9764
Application date: 2019/04/15
Applicant: InnovaPlant Zierpflanzen GmbH & Co. KG, Gensingen, Germany
Agent in Canada: BioFlora Inc., St. Thomas, Ontario
Breeder: Silvia Hofmann, InnovaPlant Zierpflanzen GmbH & Co. KG, Gensingen, Germany

Variety used for comparison: 'Karoo Pink Imp'

Summary: *The plant of 'INNEMAROPI' is shorter than that of 'Karoo Pink Imp'. The leaf blade of 'INNEMAROPI' is wider than that of 'Karoo Pink Imp'. The flower of 'INNEMAROPI' has a medium intensity fragrance whereas the flower of 'Karoo Pink Imp' has an absent or weak fragrance. The inner side of the upper and lower lobes of 'INNEMAROPI' are light violet whereas the upper lobes of 'Karoo Pink Imp' are dark blue pink and the lower lobes are medium purple to dark blue pink. The palate of 'INNEMAROPI' is medium sized relative to the size of the lower lobe of the corolla whereas the palate of 'Karoo Pink Imp' is small relative to the size of the lower lobe of the corolla.*

Description:

PLANT: upright growth habit, medium to dense

STEM: medium to thick

LEAF BLADE: medium length/width ration, number of margin indentations ranging from few to medium, shallow indentations, no variegation, dark green on upper side

INFLORESCENCE: medium density of flowers, medium intensity of flower fragrance

COROLLA: medium length to width ratio, medium degree of colour change with age

UPPER LOBES OF COROLLA: light violet (RHS 75A, 77C fades to 76A-B), veins ranging from short to medium length, weak conspicuousness of veins, violet blue veins, absent or very small yellow basal blotch, absent or very weak conspicuousness of basal blotch, outer side is light violet (RHS 75B, 77D)

UPPER LOBES OF COROLLA (CENTRAL LOBES): touching to overlapping

UPPER LOBES OF COROLLA (LATERAL LOBES): moderately shorter to equal in length relative to length of lower lobe, slightly outwards attitude when viewed from the front, located slightly behind central lobes when viewed from the side, truncate apex

LOWER LOBE OF COROLLA: strong incurving, strong curvature in cross-section, medium degree of undulation, weak indentation of margin, inner side light violet (RHS 76B and 75A fading to 76C-D), outer side light blue pink (RHS 69D) and light violet (RHS 75C)

PALATE: medium sized relative to size of lower lobe of corolla, medium yellow, dense hairs

SPUR: short in relation to length of lower corolla lobe

Origin and Breeding: 'INNEMAROPI' originated from a controlled cross conducted by the breeder, Mrs. Syliva Hofmann, in Gensingen, Germany. The cross was made between the female parent, a proprietary seedling designated 'N 15 300-32', and the male parent, a proprietary seedling designated 'N 07 105-36 tet2' in July 2015. The new variety was selected as a single plant from the resulting progeny in April 2016, based on flower sterility, fragrance and production during summer heat. Asexual reproduction of 'INNEMAROPI' was first conducted by vegetative cuttings in April 2016, in Gensingen, Germany.

Tests and Trials: The comparative trial for 'INNEMAROPI' was conducted in a polyhouse during the spring of 2020 at Bioflora Inc., in St. Thomas, Ontario. The trial included a total of 20 plants each of the candidate variety and reference variety. All plants were grown from rooted cuttings and transplanted into 15 cm pots on April 10, 2020. Observations and measurements were taken from 10 plants of each variety on May 25, 2020. All colour determinations were made using the 2007 Royal Horticultural Society (RHS) Colour Chart.

Comparison table for 'INNEMAROPI'

	'INNEMAROPI'	'Karoo Pink Imp'*
<i>Plant height (cm)</i>		
mean	19.3	23.9
std. deviation	1.95	1.00
<i>Leaf blade width (cm)</i>		
mean	2.3	1.7
std. deviation	0.18	0.17
<i>Colour of inner side of fully opened corolla (RHS)</i>		
upper lobes	75A, 77C, fades to 76A-B	N74C-D
lower lobes	76B with tones of 75A and fading to 76C-D	N74B-C

*reference variety



Nemesia: 'INNEMAROPI' (left) with reference variety 'Karoo Pink Imp' (droite)



Nemesia: 'INNEMAROPI' (left) with reference variety 'Karoo Pink Imp' (droite)



Nemesia: 'INNEMAROPI' (left) with reference variety 'Karoo Pink Imp' (droite)

Proposed denomination: 'INNEMCRARE'
Application number: 19-9765
Application date: 2019/04/15
Applicant: InnovaPlant Zierpflanzen GmbH & Co. KG, Gensingen, Germany
Agent in Canada: BioFlora Inc., St. Thomas, Ontario
Breeder: Silvia Hofmann, InnovaPlant Zierpflanzen GmbH & Co. KG, Gensingen, Germany

Varieties used for comparison: 'Nessie Plus Raspberry' and 'Babycakes Little Cherry'

Summary: *The plant of 'INNEMCRARE' is wider than that of both reference varieties. The inflorescence of 'INNEMCRARE' has medium density whereas the inflorescence of 'Babycakes Little Cherry' is sparse. The corolla of 'INNEMCRARE' has weak colour change with age where as the corolla of 'Babycakes Little Cherry' has a medium to strong colour change with age. The lateral lobes of 'INNEMCRARE' have a truncate apex whereas those of both reference varieties are emarginate. When fully opened, the inner side of the upper and lower lobes of 'INNEMCRARE' are dark red whereas those of 'Nessie Plus Raspberry' are dark purple red. The lower lobe of 'INNEMCRARE' has a medium strength of indentation of the margin whereas 'Babycakes Little Cherry' has a strong indentation of the margin. The spur of 'INNEMCRARE' is of medium length relative to the lower corolla lobe whereas that of 'Babycakes Little Cherry' is short relative to the lower corolla lobe.*

Description:

PLANT: semi-upright to spreading growth habit, medium density

STEM: medium thickness

LEAF BLADE: high to very high length to width ratio, medium to many margin indentations, depth of margin indentations ranging from shallow to medium depth, no variegation, light to medium green on upper side

INFLORESCENCE: medium density of flowers, absent or weak flower fragrance

COROLLA: medium length/width ratio, weak colour change with age

UPPER LOBES OF COROLLA: dark red (RHS N45B) when newly opened, dark red (RHS 53B) when fully opened, medium length veins, weak to medium conspicuousness of veins, purple veins, small to medium sized dark violet basal blotch, weak conspicuousness of basal blotch, outer side is red pink (RHS 53D)

UPPER LOBES OF COROLLA (CENTRAL LOBES): touching

UPPER LOBES OF COROLLA (LATERAL LOBES): moderately shorter to equal in length relative to length of lower lobe, slightly outwards attitude when viewed from the front, located in line to slightly behind central lobes when viewed from the side, truncate apex

LOWER LOBE OF COROLLA: medium degree of incurving, medium degree of curvature in cross-section, weak undulation, medium strength of indentation of margin, inner side dark purple red (RHS 53A) when newly opened, inner side dark red (RHS 53B) when fully opened, outer side medium purple red (RHS 54A)

PALATE: large relative to size of lower lobe of corolla, orange red to red, dense hairs

SPUR: medium length in relation to length of lower corolla lobe

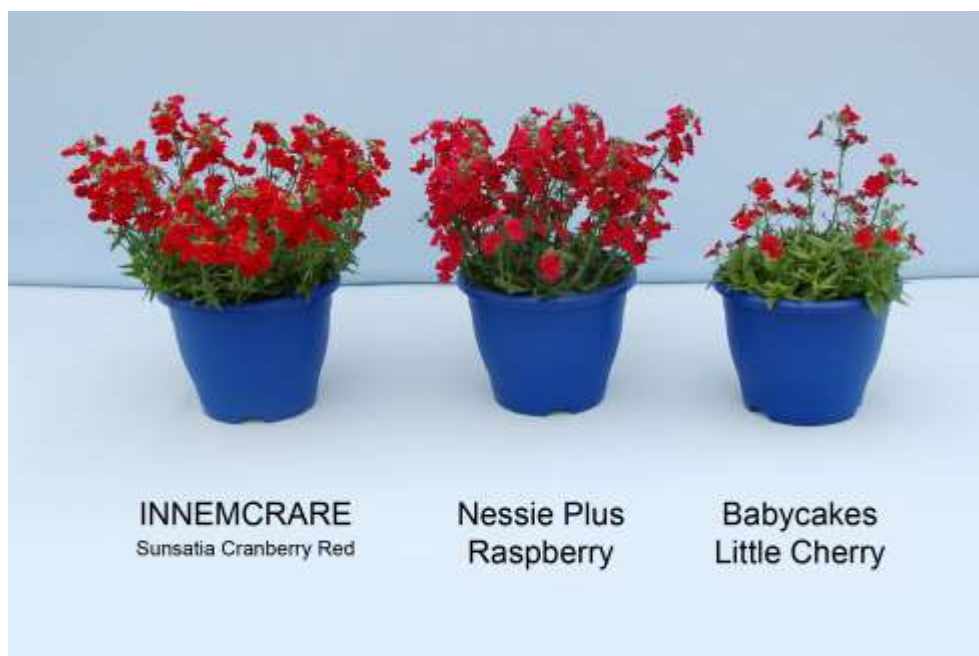
Origin and Breeding: 'INNEMCRARE' originated from a controlled cross conducted by the breeder, Mrs. Syliva Hofmann, in Gensingen, Germany. The cross was made between the female parent, a proprietary seedling designated 'N 05 82-1', and the male parent, a proprietary seedling designated 'N 16 95-16' in August 2016. The new variety was selected as a single plant from the resulting progeny in April 2017, based on its flower colour and flower production during summer heat. Asexual reproduction of 'INNEMCRARE' was first conducted by vegetative cuttings in April 2017, in Gensingen, Germany.

Tests and Trials: The comparative trial for 'INNEMCRARE' was conducted in a polyhouse during the spring of 2020 at Bioflora Inc., in St. Thomas, Ontario. The trial included a total of 20 plants each of the candidate variety and reference variety. All plants were grown from rooted cuttings and transplanted into 15 cm pots on April 10, 2020. Observations and measurements were taken from 10 plants of each variety on May 25, 2020. All colour determinations were made using the 2007 Royal Horticultural Society (RHS) Colour Chart.

Comparison table for 'INNEMCRARE'

	'INNEMCRARE'	'Nessie Plus Raspberry'*	'Babycakes Little Cherry'*
<i>Plant width (cm)</i>			
mean	35.1	30.7	22.4
std. deviation	1.71	1.58	1.81
<i>Colour of inner side of fully opened corolla (RHS)</i>			
upper lobes	closest to 53B	closest to 60B	closest to 53A-B
lower lobes	53B	closest to 60B	53B

*reference varieties



Nemesia: 'INNEMCRARE' (left) with reference varieties 'Nessie Plus Raspberry' (centre) and 'Babycakes Little Cherry' (right)



Nemesia: 'INNEMCRARE' (left) with reference varieties 'Nessie Plus Raspberry' (centre) and 'Babycakes Little Cherry' (right)



Nemesia: 'INNEMCRARE' (left) with reference varieties 'Nessie Plus Raspberry' (centre) and 'Babycakes Little Cherry' (right)
