



APPLICATIONS UNDER EXAMINATION

NEMESIA

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(*Nemesia*)

Proposed denomination: 'INNEMMULBE'
Tradename: Aromance Mulberry
Application number: 23-11253
Application date: 2023/03/27
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: 'INNEMAROPI' (Aromance Pink)

Summary: *The plants of 'INNEMMULBE' are narrower than those of 'INNEMAROPI'. The inner side of the upper lobes of the corolla of 'INNEMMULBE' are dark purple while they are dark blue pink for 'INNEMAROPI'. The upper lobes of the corolla of 'INNEMMULBE' have a weak conspicuousness of veins while those of 'INNEMAROPI' have a strong conspicuousness of veins. The upper lobes of the corolla of 'INNEMMULBE' have purple veins while those of 'INNEMAROPI' have violet blue veins. The outer side of the upper lobe of the corolla of 'INNEMMULBE' is medium brown purple while it is light violet for 'INNEMAROPI'. The inner side of the lower lobe of the corolla of 'INNEMMULBE' is mainly medium violet with darker medium violet tones and a medium violet to light blue pink secondary colour in the lateral marginal zone while that of 'INNEMAROPI' is mainly light violet with a white secondary colour around the palate.*

Description:

PLANT: upright growth habit, medium density

STEM: thin

LEAF BLADE: medium length to width ratio, few to medium number of margin indentations, shallow depth of margin indentations, no variegation, medium green on upper side

INFLORESCENCE: medium density of flowers, strong flower fragrance

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

UPPER LOBES OF COROLLA: inner side dark purple (RHS N79C), medium length veins, weak conspicuousness of veins, purple veins, very small yellow basal blotch, weak conspicuousness of basal blotch, outer side medium brown purple (RHS 186B)

UPPER LOBES OF COROLLA (CENTRAL LOBES): overlapping

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

LOWER LOBE OF COROLLA: absent or weak degree of incurving, medium degree of curvature in cross-section, medium degree of undulation, weak indentation of margin, inner side mainly medium violet (RHS N78B) with an overlay of darker medium violet (RHS N78A) tones, inner side medium violet to light blue pink (RHS N81A/76D) secondary colour in lateral marginal zone, outer side light blue pink (RHS 76D)

PALATE: large relative to size of lower lobe of corolla, medium yellow, no hairs

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

Origin and Breeding: 'INNEMMULBE' originated from a controlled cross conducted in July 2016 in Heidesheim, Germany between the female parent variety 'N 15 300-50 tet4' and the proprietary male parent variety 'N 15 300-1'. 'INNEMMULBE' was selected in March 2017 based on plant growth habit, flower sterility and flower fragrance. Asexual reproduction of 'INNEMMULBE' was first conducted by vegetative cuttings in May 2017 in Gensingen, Germany.

Tests and Trials: The comparative trial for 'INNEMMULBE' was conducted in a polyhouse during the spring of 2023 in St. Thomas, Ontario. The trial included 20 plants each of the candidate and reference variety. All plants were grown from rooted cuttings and transplanted into 15 cm pots on April 15, 2023. Observations and measurements were taken from 10 plants, or 10

parts of plants, on June 5, 2023. Mean differences were significant at the 5% confidence probability level based on a paired Student’s t-test. All colour determinations were made using the 2015 Royal Horticultural Society (RHS) Colour Chart.

Comparison table for ‘INNEMMULBE’

	‘INNEMMULBE’	‘INNEMAROPI’*
<i>Plant width (cm)</i>		
mean	21.8	25.2
std. deviation	1.83	3.29
<i>Colour of upper lobes of corolla (RHS)</i>		
inner side	N79C	N74D
outer side	186B	closest to 75B
<i>Colour of inner side of lower lobe of corolla (RHS)</i>		
main	N78B with an overlay of N78A tones	84B-C
secondary	N81A/76D in lateral marginal zone	NN155B around palate

*reference variety



Nemesia: ‘INNEMMULBE’ (left) with reference variety ‘INNEMAROPI’ (right)



Nemesia: 'INNEMMULBE' (left) with reference variety 'INNEMAROPI' (right)



Nemesia: 'INNEMMULBE' (left) with reference variety 'INNEMAROPI' (right)