



APPLICATIONS UNDER EXAMINATION

PETUNIA

PETUNIA

(*Petunia ×hybrida*)

Proposed denomination: 'KLEPH19120'
Application number: 20-10199
Application date: 2020/05/13
Applicant: Klemm & Sohn GmbH & Co. KG, Stuttgart, Germany
Agent in Canada: BioFlora Inc., St. Thomas, Ontario
Breeder: Antonella Capo, Latina, Italy

Variety used for comparison: 'KLEPH14250'

Summary: *The leaf blade of 'KLEPH19120' is medium length and medium to broad while that of 'KLEPH14250' is long and medium width. The calyx lobe of 'KLEPH19120' is medium length and narrow while that of 'KLEPH14250' is long and very narrow. The flower of 'KLEPH19120' is medium width while that of 'KLEPH14250' is medium to broad. The corolla lobe of 'KLEPH19120' has a truncate apex while that of 'KLEPH14250' has a cuspidate apex. The pollen on the anther of 'KLEPH19120' is blueish violet while that of 'KLEPH14250' is light blue.*

Description:

PLANT: upright to spreading growth habit, medium height

SHOOT: medium length

LEAF BLADE: medium length, medium to broad, ovate shape, obtuse apex, no variegation, medium green on upper side, absent or weak blistering

PEDICEL: short, strong intensity of anthocyanin colouration

CALYX LOBE: medium length, narrow

FLOWER: single type, medium width

COROLLA: medium degree of lobing, medium degree of undulation, absent or very weak conspicuousness of veins

COROLLA (INNER SIDE): when newly opened mainly dark violet blue (RHS N89A), when fully opened mainly dark violet (RHS 83A) with a medium sized area of secondary colour of white (RHS NN155D) along margin, when aged mainly medium blue violet (darker than RHS N87A), absent or few flowers with different sized area of secondary colour

COROLLA LOBE: truncate apex

COROLLA TUBE: medium width

COROLLA TUBE (INNER SIDE): black (RHS N186B), strong conspicuousness of veins

COROLLA TUBE (OUTER SIDE): dark violet (RHS 79B)

ANTHER: blueish violet pollen

Origin and Breeding: 'KLEPH19120' originated from a controlled cross conducted by the breeder, Antonella Capo, in Stuttgart, Germany in July 2004. The cross was made between the female parent 'PH-2014-0310' and the male parent 'PH-2014-0316'. From the resulting progeny, a unique seedling was selected in April 2015 based on its plant quality, flower colour and pattern stability. The seedlings were evaluated in greenhouse trials from 2015 to 2019.

Tests and Trials: The detailed description of 'KLEPH19120' is based on the UPOV report of Technical Examination application number 2020/1054, purchased from the Community Plant Variety Office in Angers, France. The trials were conducted by the Bundessortenamt in Hannover, Germany in 2021. All colour determinations were made using the 2015 Royal Horticultural Society (RHS) Colour Chart.



Petunia: 'KLEPH19120'

Proposed denomination:	'KLEPH20513'
Trade name:	Headliner Electric Purple Sky
Application number:	21-10670
Application date:	2021/07/30
Applicant:	Klemm & Sohn GmbH & Co. KG, Stuttgart, Germany
Agent in Canada:	BioFlora Inc., St. Thomas, Ontario
Breeder:	Antonella Capo, Latina, Italy

Variety used for comparison: 'KLEPH15313' (Headliner Night Sky)

Summary: *The shoot of 'KLEPH20513' is shorter than that of 'KLEPH15313'. The leaf blade of 'KLEPH20513' is ovate shaped and shorter than that of 'KLEPH15313', which is elliptic to circular. The pedicel of 'KLEPH20513' is shorter than that of 'KLEPH15313'. The inner side of the corolla of 'KLEPH20513' is more bright pink purple while that of 'KLEPH15313' is dark violet.*

Description:

PLANT: upright to spreading growth habit

LEAF BLADE: ovate shape, obtuse apex, no variegation, medium green on upper side

PEDICEL: absent or very weak intensity of anthocyanin colouration

CALYX LOBE: narrow

FLOWER: single type

COROLLA: strong degree of lobing, weak degree of undulation, strong conspicuousness of red veins

COROLLA (INNER SIDE): when newly opened, fully opened and aged mainly dark purple (more bright pink than RHS 71A) with a medium sized area of white (RHS NN155D) secondary colour irregularly distributed as spots ranging in size, many flowers with different sized area of secondary colour

COROLLA LOBE: cuspidate apex

COROLLA TUBE (INNER SIDE): medium violet (RHS N81A), strong conspicuousness of veins

COROLLA TUBE (OUTER SIDE): medium violet (RHS N79D)

ANTHER: light blue pollen

Origin and Breeding: ‘KLEPH20513’ originated from a controlled cross conducted by the breeder, Antonella Capo, in Latina, Italy in July 2017. The cross was made between the female parent ‘PH-2015-1835’ and the male parent ‘PH-2017-2905’. Seedlings from the resulting progeny were selected in April 2018 based on their plant performance, flower colour and colour pattern stability. Greenhouse trials were evaluated from 2018 to 2020 and the new Petunia variety was commercialized as ‘KLEPH20513’ in April 2020.

Tests and Trials: The comparative trial for ‘KLEPH20513’ was conducted in a polyhouse during the spring of 2022 at Bioflora Inc. 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 15 cm pots on April 3, 2022. Observations and measurements were taken from 10 plants, or parts of plants, of each variety on June 2, 2022. All colour determinations were made using the 2015 Royal Horticultural Society (RHS) Colour Chart.

Comparison table for ‘KLEPH20513’

	‘KLEPH20513’	‘KLEPH15313’*
<i>Shoot length (cm)</i>		
mean	30.6	36.6
std. deviation	1.51	3.19
<i>Leaf blade (cm)</i>		
mean	5.4	6.4
std. deviation	0.30	0.34
<i>Pedicle length (cm)</i>		
mean	2.3	4.2
std. deviation	0.27	0.87
<i>Colour of corolla (RHS)</i>		
inner side	more bright pink than 71A	deeper violet than 83A

*reference variety



Petunia: ‘KLEPH20513’ (left) with reference variety ‘KLEPH15313’ (right)



Petunia: 'KLEPH20513' (left) with reference variety 'KLEPH15313' (right)

Proposed denomination: 'WNPESVJAZ'
Trade name: Supertunia Vista Jazzberry
Application number: 21-10655
Application date: 2021/07/28
Applicant: WinGen, LLC, Buda, Texas, United States of America
Agent in Canada: BioFlora Inc., St. Thomas, Ontario
Breeder: Brent D. Barnes, Riverside, California, United States of America

Varieties used for comparison: 'USTUN2401M' (Supertunia Mini Vista Hot Pink) and 'USTUNI6001' (Supertunia Vista Bubblegum)

Summary: *The plants of 'WNPESVJAZ' are taller than those of 'USTUN2401M' and shorter than those of 'USTUNI6001'. The shoot of 'WNPESVJAZ' is longer than that of 'USTUN2401M' and shorter than that of 'USTUNI6001'. The leaf blade of 'WNPESVJAZ' is longer than that of 'USTUN2401M'. The corolla of 'WNPESVJAZ' is wider than that of 'USTUN2401M' and narrower than that of 'USTUNI6001'. When fully opened, the inner side of the corolla of 'WNPESVJAZ' is medium purple while that of 'USTUN2401M' is medium purple red and that of 'USTUNI6001' is dark blue pink.*

Description:

PLANT: upright to spreading growth habit

LEAF BLADE: ovate shape, acute to obtuse apex, no variegation, medium green on upper side

PEDICEL: absent or very weak intensity of anthocyanin colouration

FLOWER: single type

COROLLA: medium to strong degree of lobing, absent or very weak degree of undulation, weak conspicuousness of red veins

COROLLA (INNER SIDE): when newly opened medium purple (RHS NN78A), when fully opened medium purple (RHS NN78B), when aged medium violet (RHS N78B), no secondary colour

COROLLA LOBE: cuspidate apex

COROLLA TUBE (INNER SIDE): medium violet (RHS N79D), strong conspicuousness of veins

COROLLA TUBE (OUTER SIDE): dark purple (more grey than RHS 70A)

ANTHER: light blue pollen

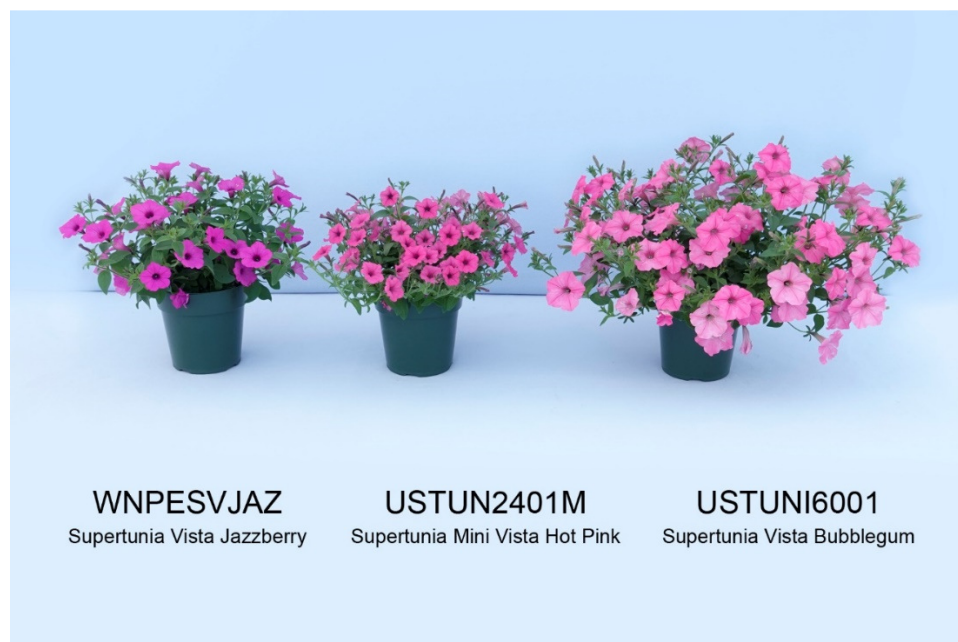
Origin and Breeding: 'WNPESVJAZ' originated from a controlled cross conducted by the breeder, Brent D. Barnes, in Bonsall, California, U.S.A. on February 12, 2018. The cross was conducted between two proprietary seedlings, the female parent designated '15PB559-04' and the male parent designated '15PB626-01'. From the resulting progeny, a single plant was selected on August 2, 2018 in Bonsall, California, U.S.A. based on plant vigor, growth habit, flower color and early flowering. 'WNPESVJAZ' was first asexually reproduced by cuttings on August 6, 2018 in Bonsall, California, U.S.A..

Tests and Trials: The comparative trial for 'WNPESVJAZ' was conducted in a polyhouse during the spring of 2022 at Bioflora Inc. in St. Thomas, Ontario. The trial included a total of 20 plants each of the candidate and reference varieties. All plants were grown from rooted cuttings and transplanted into 15 cm pots on April 3, 2022. Observations and measurements were taken from 10 plants, or parts of plants, of each variety on May 29, 2022. All colour determinations were made using the 2015 Royal Horticultural Society (RHS) Colour Chart.

Comparison table for 'WNPESVJAZ'

	'WNPESVJAZ'	'USTUN2401M'*	'USTUNI6001'*
<i>Plant height (cm)</i>			
mean	18.9	15.1	24.6
std. deviation	1.32	0.97	2.10
<i>Shoot length (cm)</i>			
mean	21.2	18.7	33.6
std. deviation	1.93	1.12	2.26
<i>Leaf blade length (cm)</i>			
mean	6.0	4.8	6.1
std. deviation	0.50	0.43	0.62
<i>Flower width (cm)</i>			
mean	4.8	3.2	6.4
std. deviation	0.17	0.16	0.14
<i>Colour of the inner side of the corolla (RHS)</i>			
fully opened	NN78B	closest to 61C	68A

*reference varieties



Petunia: 'WNPESVJAZ' (left) with reference varieties 'USTUN2401M' (centre) and 'USTUNI6001' (right)



Petunia: 'WNPESVJAZ' (left) with reference varieties 'USTUNI6001' (centre) and 'USTUN2401M' (right)

PETUNIA
(*Petunia ×atkinsiana*)

Proposed denomination: ‘Kerprilpro’
Trade name: Tumbelina Priscilla Pro
Application number: 21-10715
Application date: 2021/08/25
Applicant: Kerley & Co. Ltd., Cambridge, United Kingdom
Agent in Canada: BioFlora Inc., St. Thomas, Ontario
Breeder: David William Kerley, Cambridge, United Kingdom
 Priscilla Grace Kerley, Cambridge, United Kingdom
 Timothy Edward Kerley, Cambridge, United Kingdom
 Sarah Elisabeth Kerley, Cambridge, United Kingdom

Varieties used for comparison: ‘Lanbor’ (Supertunia Bordeaux) and ‘Veranda Large Double Margarita’

Summary: *The leaf blade of ‘Kerprilpro’ is shorter than that of ‘Veranda Large Double Margarita’ and wider than that of both reference varieties. The leaf blade of ‘Kerprilpro’ is circular shaped with an obtuse to rounded apex while that of ‘Veranda Large Double Margarita’ is ovate to elliptic shaped with an acute apex. The flower type of ‘Kerprilpro’ is double while it is single for ‘Lanbor’. The corolla of ‘Kerprilpro’ is narrower than that of ‘Veranda Large Double Margarita’. When fully opened, the inner side of the corolla of ‘Kerprilpro’ is light blue violet with dark violet to dark blue violet veins while that of ‘Lanbor’ is light violet with dark purple veins and that of ‘Veranda Large Double Margarita’ is white with dark violet veins.*

Description:

PLANT: upright growth habit

LEAF BLADE: circular shape, obtuse to rounded apex, no variegation, medium green on upper side

PEDICEL: absent or very weak intensity of anthocyanin colouration

FLOWER: double type, dense number of corolla lobes

COROLLA: strong degree of lobing, very strong conspicuousness of purple to violet veins

COROLLA (INNER SIDE): when newly opened medium blue violet (RHS 85A), when fully opened light blue violet (RHS 85C) with dark violet to dark blue violet (RHS 86A-B) veins, when aged light blue violet (RHS 91D), no secondary colour

COROLLA LOBE: rounded apex

COROLLA TUBE (OUTER SIDE): dark violet (RHS 79A)

Origin and Breeding: ‘Kerprilpro’ originated from a controlled cross conducted by the breeders in Cambridge, UK in August 2015. The cross was made between two proprietary seedlings, the female parent ‘15-930-2’ and the male parent ‘15-930-6’. From the resulting progeny, ‘Kerprilpro’ was selected in May 2016 based on plant growth habit, double flower type, flower and vein colour, flower abundance and flower fragrance. ‘Kerprilpro’ was initially propagated by vegetative tip cuttings in September 2016 in Cambridge, UK.

Tests and Trials: The comparative trial for ‘Kerprilpro’ was conducted in a polyhouse during the spring of 2022 at Bioflora Inc. in St. Thomas, Ontario. The trial included a total of 20 plants each of the candidate and reference varieties. All plants were grown from rooted cuttings and transplanted into 15 cm pots on April 3, 2022. Observations and measurements were taken from 10 plants, or parts of plants, of each variety on May 26, 2022. All colour determinations were made using the 2015 Royal Horticultural Society (RHS) Colour Chart.

Comparison table for ‘Kerprilpro’

	‘Kerprilpro’	‘Lanbor’*	‘Veranda Large Double Margarita’*
<i>Leaf blade length (cm)</i>			
mean	5.3	5.4	6.2
std. deviation	0.53	0.50	0.55

Leaf blade width (cm)

mean	3.8	3.0	2.8
std. deviation	0.45	0.30	0.22

Flower width (cm)

mean	6.3	6.0	7.2
std. deviation	0.52	0.16	0.44

Colour of the inner side of the corolla when fully opened (RHS)

main	85C	N80D	155C
veins	86A-B	N79A	79A

*reference varieties



Petunia: 'Kerprilpro' (left) with reference varieties 'Lanbor' (centre) and 'Veranda Large Double Margarita' (right)



Petunia: 'Kerprilpro' (left) with reference varieties 'Lanbor' (centre) and 'Veranda Large Double Margarita' (right)