



## APPLICATIONS UNDER EXAMINATION

VERBENA

### VERBENA (*Verbena*)

<b>Proposed denomination:</b>	<b>'WNVECPPK'</b>
<b>Trade name:</b>	Cake Pops Pink
<b>Application number:</b>	21-10665
<b>Application date:</b>	2021/07/30
<b>Applicant:</b>	WinGen, LLC, Buda, Texas, United States of America
<b>Agent in Canada:</b>	BioFlora Inc., St. Thomas, Ontario
<b>Breeder:</b>	Rika Matsumoto, Shiga, Japan

**Varieties used for comparison:** 'Meteor Shower' and 'WNVECPPUR' (Cake Pops Purple)

**Summary:** *The plants of 'WNVECPPK' have a semi-upright growth habit while those of 'Meteor Shower' have an upright growth habit. The plants of 'WNVECPPK' are shorter and wider than those of 'Meteor Shower' and wider than those of 'WNVECPPUR'. The leaf blade of 'WNVECPPK' is wider than that of 'Meteor Shower'. The inflorescence of 'WNVECPPK' is larger in diameter than that of 'Meteor Shower'. The corolla of 'WNVECPPK' is larger in diameter than that of 'Meteor Shower'. When newly opened, the inner side of the corolla lobe of 'WNVECPPK' is medium blue pink with light violet along the centre while that of 'Meteor Shower' and 'WNVECPPUR' is medium blue violet. When fully opened, the inner side of the corolla lobe of 'WNVECPPK' is light blue pink with light violet along the centre while that of 'Meteor Shower' is medium blue violet with darker blue violet along the centre and that of 'WNVECPPUR' is medium blue violet. When aged, the inner side of the corolla lobe of 'WNVECPPK' is light blue pink with light violet along the centre while that of 'Meteor Shower' is light blue violet with medium blue violet along the centre and that of 'WNVECPPUR' is medium blue violet. The corolla tube of 'WNVECPPK' is longer than that of 'Meteor Shower'. The corolla eye is present for 'WNVECPPK' while it is absent for 'Meteor Shower'.*

#### **Description:**

PLANT: semi-upright growth habit

STEM: absent or very weak intensity of anthocyanin colouration on middle third

LEAF BLADE: narrow elliptic to narrow oblong shape, no divisions, serrate margin incisions, dark green upper side, no anthocyanin colouration of upper side, petiole absent

INFLORESCENCE: broad ovate in profile

CALYX: anthocyanin colouration on upper part

COROLLA: free arrangement of lobes, one colour, strongly fading colour with age

COROLLA LOBE: incurved along longitudinal axis, weak undulation of margin

COROLLA LOBE (INNER SIDE): one colour present, medium blue pink (RHS 73C) with light violet (RHS 77C) along centre when newly opened, light blue pink (RHS 65B-C) with light violet (RHS N81D) along centre when fully opened, light blue pink (RHS 69D) with light violet (RHS 76B) along centre when aged

COROLLA TUBE: tip of protruding hairs is white

COROLLA EYE: small diameter, pink

**Origin and Breeding:** 'WNVECPPK' originated from a controlled cross conducted by Rika Matsumoto on May 23, 2016, in Higashiomi, Shiga, Japan. The cross was made between the proprietary female parent designated '09V985-01' and the male parent *Verbena rigida* f. *lilacina* variety 'Polaris'. On May 26, 2017, a single plant was selected from the resulting progeny in Bonsall, California based on plant growth habit, flower colour, flower longevity and summer heat performance. Asexual reproduction of the variety 'WNVECPPK' was first conducted by cuttings on May 29, 2017 in Bonsall, California, USA.

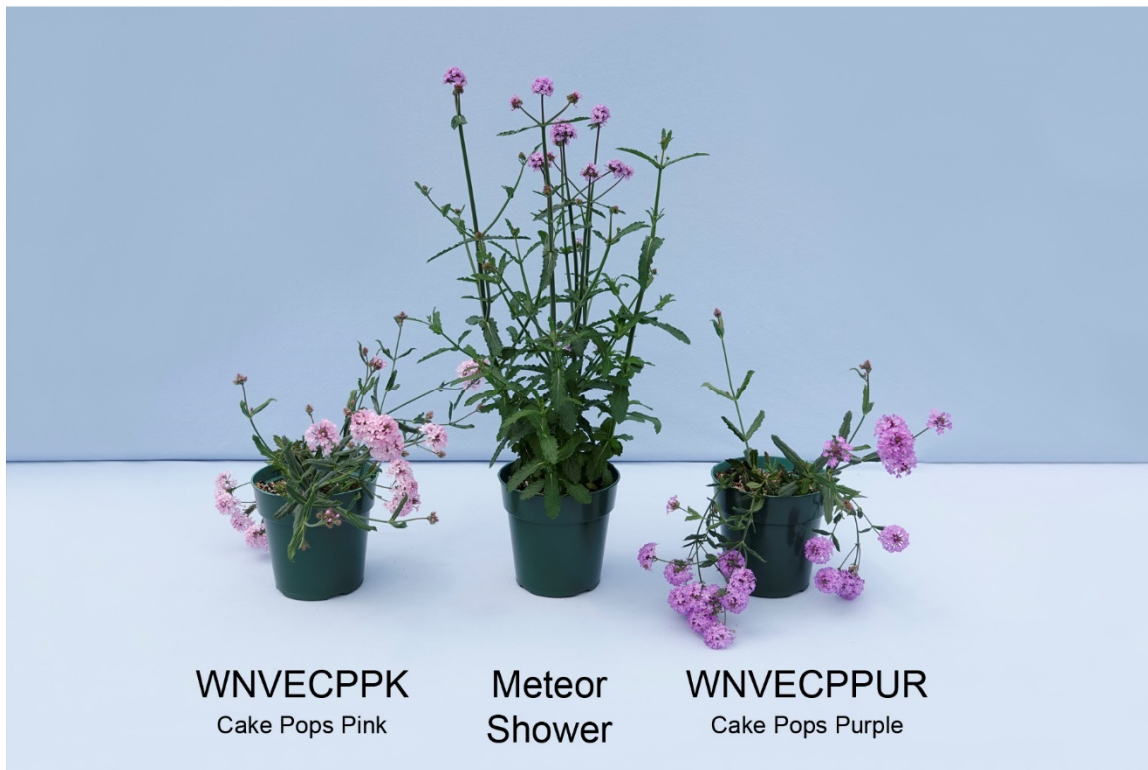
**Tests and Trials:** The comparative trial for 'WNVECPPK' was conducted in a polyhouse during the spring of 2022, at Bioflora Inc., in St. Thomas, Ontario. The trial included a total of 20 plants each of the candidate and reference varieties. All plants were grown from rooted cuttings transplanted into 15 cm diameter pots on April 6, 2022. Observations and measurements were taken

from 10 plants, or parts of plants, on June 6, 2022. All colour determinations were made using the 2015 Royal Horticultural Society (RHS) Colour Chart.

**Comparison table for 'WNVECPPK'**

	'WNVECPPK'	'Meteor Shower'*	'WNVECPPUR'*
<i>Plant height (cm)</i>			
mean	21.1	58.6	23.8
std. deviation	4.03	2.62	4.76
<i>Plant width (cm)</i>			
mean	53.2	29.4	39.6
std. deviation	6.23	3.78	6.24
<i>Leaf blade width (mm)</i>			
mean	2.6	1.8	2.8
std. deviation	0.27	0.20	0.35
<i>Inflorescence diameter (cm)</i>			
mean	3.5	2.6	3.5
std. deviation	0.11	0.33	0.28
<i>Corolla diameter (mm)</i>			
mean	1.07	0.42	1.1
std. deviation	0.05	0.04	0.07
<i>Corolla tube length (cm)</i>			
mean	1.05	0.67	1.19
std. deviation	0.07	0.05	0.07
<i>Colour of inner of corolla lobe (RHS)</i>			
newly opened	73C with 77C along centre	N87B	closest to N87B
fully opened	65B-C with N81D along centre	N82D with N87B-C along centre	closest to N87B
aged	69D with 76B along centre	85C with N87C-D along centre	N87C

\*reference varieties

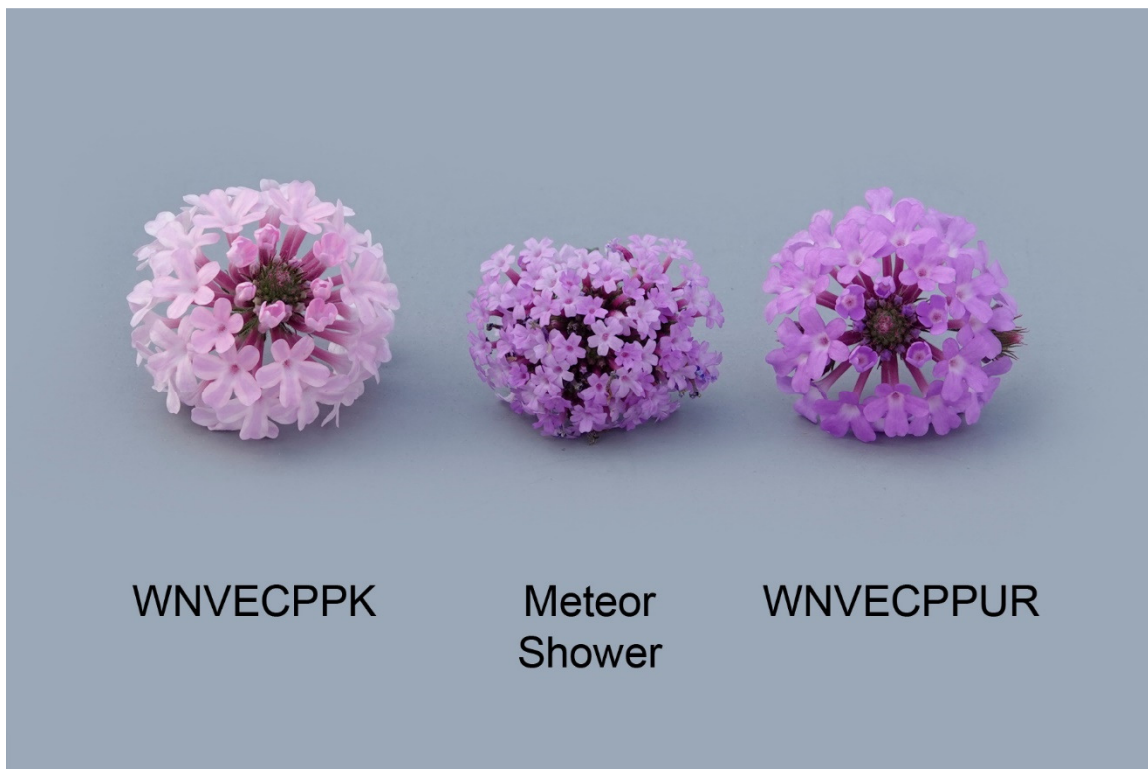


**WNVECPPK**  
Cake Pops Pink

**Meteor  
Shower**

**WNVECPPUR**  
Cake Pops Purple

Verbena: 'WNVECPPK' (left) with reference varieties 'Meteor Shower' (centre) and 'WNVECPPUR' (right)



**WNVECPPK**

**Meteor  
Shower**

**WNVECPPUR**

Verbena: 'WNVECPPK' (left) with reference varieties 'Meteor Shower' (centre) and 'WNVECPPUR' (right)

<b>Proposed denomination:</b>	<b>‘WNVECPPUR’</b>
<b>Trade name:</b>	Cake Pops Purple
<b>Application number:</b>	21-10666
<b>Application date:</b>	2021/07/30
<b>Applicant:</b>	WinGen, LLC, Buda, Texas, United States of America
<b>Agent in Canada:</b>	BioFlora Inc., St. Thomas, Ontario
<b>Breeder:</b>	Rika Matsumoto, Shiga, Japan

**Varieties used for comparison:** ‘Meteor Shower’, ‘Santos Purple’ and ‘WNVECPPK’ (Cake Pops Pink)

**Summary:** *The plants of ‘WNVECPPUR’ are shorter than those of ‘Meteor Shower’ and ‘Santos Purple’. The leaf blade of ‘WNVECPPUR’ is smaller than that of ‘Santos Purple’ and wider than that of ‘Meteor Shower’. The inflorescence of ‘WNVECPPUR’ is larger in diameter than that of ‘Meteor Shower’ and ‘Santos Purple’. The corolla of ‘WNVECPPUR’ is larger in diameter than that of ‘Meteor Shower’. The corolla tube of ‘WNVECPPUR’ is longer than that of ‘Meteor Shower’. When newly opened, the inner side of the corolla lobe of ‘WNVECPPUR’ is medium blue violet while that of ‘Santos Purple’ is dark violet and that of ‘WNVECPPK’ is medium blue pink with light violet along the centre. When fully opened and aged, the inner side of the corolla lobe of ‘WNVECPPUR’ is medium blue violet while that of ‘Santos Purple’ is medium violet and that of ‘WNVECPPK’ is light blue pink with light violet along the centre. The corolla eye is present for ‘WNVECPPUR’ while it is absent for ‘Meteor Shower’.*

#### **Description:**

PLANT: upright to semi-upright growth habit

STEM: absent or very weak intensity of anthocyanin colouration on middle third

LEAF BLADE: narrow elliptic to narrow oblong shape, no divisions, serrate margin incisions, dark green upper side, no anthocyanin colouration of upper side

INFLORESCENCE: broad ovate in profile

CALYX: anthocyanin colouration on teeth only

COROLLA: free arrangement of lobes, one colour, weakly fading colour with age

COROLLA LOBE: mostly straight curvature along longitudinal axis, weak undulation of margin

COROLLA LOBE (INNER SIDE): one colour present, closest to medium blue violet (RHS N87B) when newly and fully opened, medium blue violet (RHS N87C) when aged

COROLLA TUBE: tip of protruding hairs is white

COROLLA EYE: small diameter, pink

**Origin and Breeding:** ‘WNVECPPUR’ originated from a controlled cross conducted by Rika Matsumoto on May 20, 2016, in Higashiomi, Shiga, Japan. The cross was made between the proprietary female parent designated ‘09V985-01’ and the male parent *Verbena rigida*. On May 26, 2017, a single plant was selected from the resulting progeny in Bonsall, California based on plant growth habit, flower colour, flower longevity and summer heat performance. Asexual reproduction of the variety ‘WNVECPPUR’ was first conducted by cuttings on May 29, 2017 in Bonsall, California, USA.

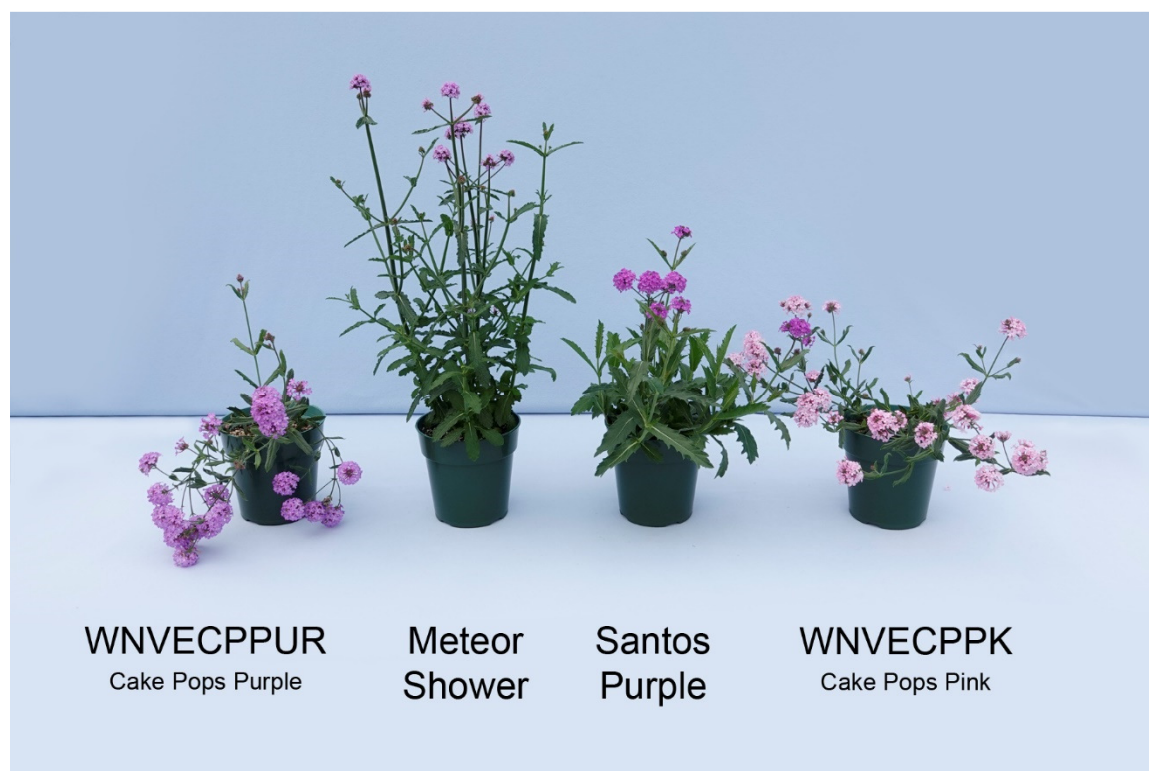
**Tests and Trials:** The comparative trial for ‘WNVECPPUR’ was conducted in a polyhouse during the spring of 2022, at Bioflora Inc., in St. Thomas, Ontario. The trial included a total of 20 plants each of the candidate and reference varieties. All plants were grown from rooted cuttings transplanted into 15 cm diameter pots on April 6, 2022. Observations and measurements were taken from 10 plants, or parts of plants, on June 6, 2022. All colour determinations were made using the 2015 Royal Horticultural Society (RHS) Colour Chart.

#### **Comparison table for ‘WNVECPPUR’**

	‘WNVECPPUR’	‘Meteor Shower’*	‘Santos Purple’*	‘WNVECPPK’*
<i>Plant height (cm)</i>				
mean	23.8	58.6	40.6	21.1
std. deviation	4.76	2.62	2.28	4.03
<i>Leaf blade length (mm)</i>				
mean	7.9	8.3	14.3	7.6
std. deviation	0.63	0.70	0.81	0.59

<i>Leaf blade width (mm)</i>				
mean	2.8	1.8	4.8	2.6
std. deviation	0.35	0.20	0.49	0.27
<i>Inflorescence diameter (cm)</i>				
mean	3.5	2.6	3.1	3.5
std. deviation	0.28	0.33	0.23	0.11
<i>Corolla diameter (mm)</i>				
mean	1.1	0.42	1.0	1.07
std. deviation	0.07	0.04	0.07	0.05
<i>Corolla tube length (cm)</i>				
mean	1.19	0.67	1.14	1.05
std. deviation	0.07	0.05	0.07	0.07
<i>Colour of inner of corolla lobe (RHS)</i>				
newly opened	closest to N87B	N87B	closest to 79C	73C with 77C along centre
fully opened	closest to N87B	N82D with N87B-C along centre	N82A	65B-C with N81D along centre
aged	N87C	85C with N87C-D along centre	lighter than N82A	69D with 76B along centre

\*reference varieties



Verbena: 'WNVECPPUR' (left) with reference varieties 'Meteor Shower' (middle left), 'Santos Purple' (middle right) and 'WNVECPPK' (right)



Verbena: 'WNVECPUR' (left) with reference varieties 'Meteor Shower' (middle left), 'Santos Purple' (middle right) and 'WNVECPPK' (right)

**Proposed denomination:** 'WNVESBIB'  
**Trade name:** Superbena Imperial Blue  
**Application number:** 21-10657  
**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

**Variety used for comparison:** 'EnduraScape Blue'

**Summary:** *The plant of 'WNVESBIB' is wider than that of 'EnduraScape Blue'. The anthocyanin colouration on the middle third of the stem of 'WNVESBIB' is of medium intensity while that of 'EnduraScape Blue' is absent or very weak. The leaf blade of 'WNVESBIB' is larger than that of 'EnduraScape Blue'. The margin of the corolla lobe of 'WNVESBIB' has absent or very weak undulation while that of 'EnduraScape Blue' has a medium degree of undulation. The colour on the inner side of the corolla of 'WNVESBIB' is lighter towards the apex of the lobes while those of 'EnduraScape Blue' have no change in distribution of colour. When newly opened, the inner side of the corolla lobe of 'WNVESBIB' is dark violet fading to lighter dark violet towards the margin while that of 'EnduraScape Blue' is medium blue violet. When fully opened, the inner side of the corolla lobe of 'WNVESBIB' is dark violet fading to dark blue violet at the margin while that of 'EnduraScape Blue' is medium blue violet. When aged, the inner side of the corolla lobe of 'WNVESBIB' is mostly medium blue violet while that of 'EnduraScape Blue' is lighter blue violet.*

**Description:**

PLANT: creeping growth habit

STEM: medium intensity of anthocyanin colouration on middle third

LEAF BLADE: ovate shape, no divisions, crenate margin incisions, medium green upper side, no anthocyanin colouration of upper side

INFLORESCENCE: broad ovate in profile

CALYX: no anthocyanin colouration

COROLLA: free arrangement of lobes, one colour, strongly fading colour with age

COROLLA LOBE: recurved along longitudinal axis, absent or very weak undulation of margin

COROLLA LOBE (INNER SIDE): one colour present, lighter towards apex of lobes, dark violet (RHS 83A) fading to lighter dark violet (RHS 86A) towards margin when newly opened, dark violet (RHS 86A) fading to dark blue violet (RHS 86B) at margin when fully opened, mostly medium blue violet (RHS 86D) when aged

COROLLA TUBE: tip of protruding hairs is purple

COROLLA EYE: absent

**Origin and Breeding:** ‘WNVESBIB’ originated from a controlled cross conducted by Brent D. Barnes on August 31, 2017, in Bonsall, California, USA. The cross was made between the proprietary female parent designated ‘17V508-01’ and the male parent variety ‘RIKAV18302’ (Superbena Violet Ice). On August 2, 2018, a single plant was selected from the resulting progeny in Bonsall, California based on plant vigour, growth habit, floret and inflorescence size and resistance to powdery mildew. Asexual reproduction of the variety ‘WNVESBIB’ was first conducted by vegetative cuttings on August 6, 2018, Bonsall, California, USA.

**Tests and Trials:** The comparative trial for ‘WNVESBIB’ was conducted in a polyhouse during the summer 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 transplanted into 15 cm diameter pots on April 6, 2022. Observations and measurements were taken from 10 plants, or parts of plants, on June 6, 2022. All colour determinations were made using the 2015 Royal Horticultural Society (RHS) Colour Chart.

**Comparison table for ‘WNVESBIB’**

	‘WNVESBIB’	‘EnduraScape Blue’*
<i>Plant width (cm)</i>		
mean	66.7	48.1
std. deviation	5.28	3.86
<i>Leaf blade length (mm)</i>		
mean	6.8	5.5
std. deviation	0.83	0.43
<i>Leaf blade width (mm)</i>		
mean	4.7	3.4
std. deviation	0.52	0.33
<i>Colour of inner side of corolla lobe (RHS)</i>		
newly opened	83A fading to 86A towards margin	N87A
fully opened	86A fading to 86B at margins	N87A-B
aged	mostly 86D	N87C

\*reference variety



Verbena: 'WNVESBIB' (left) with reference variety 'EnduraScape Blue' (right)



Verbena: 'WNVESBIB' (left) with reference variety 'EnduraScape Blue' (right)