



**APPLICATIONS UNDER EXAMINATION**

**LANTANA**

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(*Lantana*)

**Proposed denomination:** 'LANZ0039'  
**Trade name:** Bandolista Mango  
**Application number:** 21-10689  
**Application date:** 2021/08/04  
**Applicant:** Syngenta Crop Protection AG, Basel, Switzerland  
**Agent in Canada:** BioFlora Inc., St. Thomas, Ontario  
**Breeder:** Wendy Bergman, Syngenta Flowers, Inc., Alva, Florida, United States of America

**Variety used for comparison:** 'Balandcit' (Landmark Citrus)

**Summary:** *The plants of 'LANZ0039' are dense and shorter than those of 'Balandcit', which are of sparse density. The upper side of the leaf blade of 'LANZ0039' is medium green while that of 'Balandcit' is dark green. The peduncle of 'LANZ0039' is shorter than that of 'Balandcit'. When fully opened, the inner side of the corolla of the flower of 'LANZ0039' is medium yellow orange while that of 'Balandcit' is medium orange.*

**Description:**

PLANT: erect growth habit, dense  
 STEM: medium density pubescence

PETIOLE: present

LEAF BLADE: ovate, acute apex, cuneate to truncate base, serrate margin, medium green on upper side, medium density pubescence on upper side, sparse pubescence on lower side

INFLORESCENCE: located in axillary position, domed shape in profile, contains flowers of more than two colours

COROLLA (INNER SIDE): medium yellow (closest to RHS 9A) when newly opened, medium yellow orange (closest to RHS 17A) when fully opened, light red (closest to RHS 43B) when aged, orange eye

COROLLA LOBES: arrangement is touching, obtuse apex, incurved along longitudinal axis, medium degree of undulation of margin

**Origin and Breeding:** 'LANZ0039' originated from a controlled cross between the female parent, a proprietary breeding line designated 'H0030-1', and the male parent variety 'LANZ0032' in August 2016 in Gilroy, California, U.S.A.. The resulting seed was sown in December 2016, from which a single unique seedling was selected in Gilroy, California in April 2017 based on its plant growth habit and vigour, flower colour, length of flowering season and seed set.

**Tests and Trials:** The comparative trial for 'LANZ0039' was conducted in a polyhouse during the spring of 2023 at BioFlora, Inc. in St. Thomas, Ontario. The trial included a total of 15 plants each per variety. All plants were grown from rooted cuttings and transplanted into 15 cm pots on April 29, 2023. Observations and measurements were taken from 10 plants, or 10 parts of plants, of each variety on June 14, 2023. All colour determinations were made using the 2015 Royal Horticultural Society (RHS) Colour Chart.

**Comparison table for 'LANZ0039'**

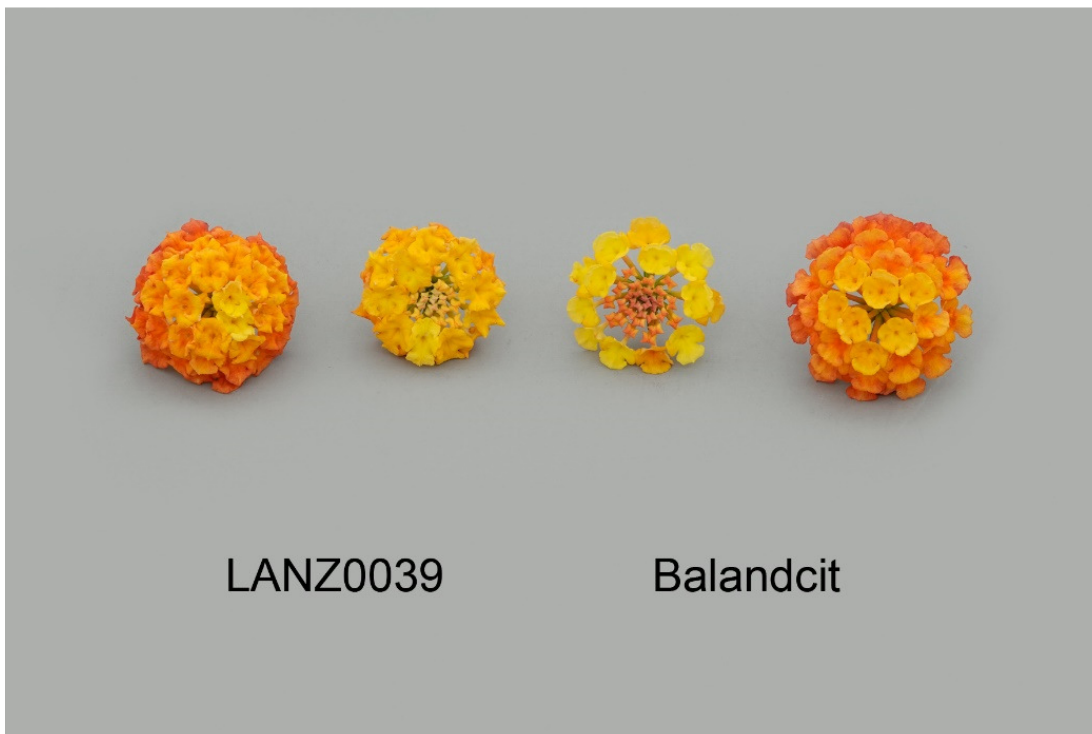
	'LANZ0039'	'Balandcit'*
<i>Plant height (cm)</i>		
mean	16.8	18.9
std. deviation	1.29	1.87
<i>Peduncle length (cm)</i>		
mean	3.9	6.9
std. deviation	0.95	1.15

Main colour of inner side of corolla of flower (RHS)  
fully opened      closest to 17A    N25C

\*reference variety



Lantana: 'LANZ0039' (left) with reference variety 'Balandcit' (right)



Lantana: 'LANZ0039' (left) with reference variety 'Balandcit' (right)



Lantana: 'LANZ0039' (left) with reference variety 'Balandcit' (right)

**Proposed denomination:** 'LANZ0040'  
**Trade name:** Bandolista Pineapple  
**Application number:** 21-10690  
**Application date:** 2021/08/04  
**Applicant:** Syngenta Crop Protection AG, Basel, Switzerland  
**Agent in Canada:** BioFlora Inc., St. Thomas, Ontario  
**Breeder:** Wendy Bergman, Syngenta Flowers, Inc., Alva, Florida, United States of America

**Varieties used for comparison:** 'Balucimyel' (Lucky Yellow) and 'LANZ0041' (Bandana Gold)

**Summary:** *The plants of 'LANZ0040' are wider than those of 'Balucimyel'. The stem of the plants of 'LANZ0040' have medium density pubescence while those of 'Balucimyel' have sparse pubescence. The leaf blade of 'LANZ0040' is medium green and larger than that of 'LANZ0041', which is dark green. When newly opened, the inner side of the corolla of the flower of 'LANZ0040' is medium yellow while that of 'LANZ0041' is dark yellow. When fully opened, the inner side of the corolla of the flower of 'LANZ0040' is dark yellow while that of 'Balucimyel' is medium yellow orange.*

**Description:**

PLANT: erect growth habit

STEM: medium density pubescence

PETIOLE: present

LEAF BLADE: ovate, acute apex, truncate base, crenate to serrate margin, medium green on upper side, medium density pubescence on upper side, sparse to medium density pubescence on lower side

INFLORESCENCE: located in axillary position, domed shape in profile, contains flowers of one colour

COROLLA (INNER SIDE): medium yellow (closest to RHS 9A) when newly opened, dark yellow (closest to RHS 14A) when fully opened, yellow to orange eye

COROLLA LOBES: arrangement is touching, obtuse apex, incurved along longitudinal axis, medium degree of undulation of margin

**Origin and Breeding:** ‘LANZ0040’ originated from a controlled cross between the female parent, a proprietary breeding line designated ‘H0030-1’, and the male parent variety ‘LANZ0032’ in August 2016 in Gilroy, California, U.S.A.. The resulting seed was sown in December 2016, from which a single unique seedling was selected in April 2017 based on its plant growth habit and vigour, flower colour, length of flowering season and foliage colour.

**Tests and Trials:** The comparative trial for ‘LANZ0040’ was conducted in a polyhouse during the spring of 2023 at BioFlora, Inc. in St. Thomas, Ontario. The trial included a total of 15 plants each per variety. All plants were grown from rooted cuttings and transplanted into 15 cm pots on April 29, 2023. Observations and measurements were taken from 10 plants, or 10 parts of plants, of each variety on June 14, 2023. All colour determinations were made using the 2015 Royal Horticultural Society (RHS) Colour Chart.

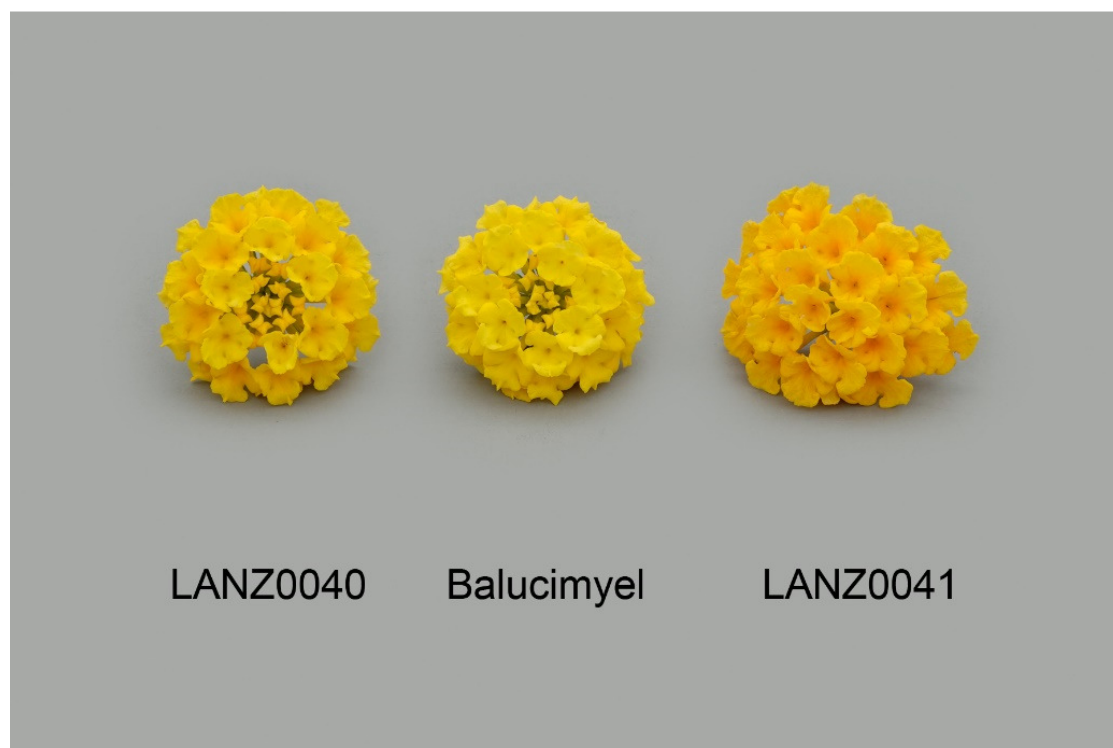
**Comparison table for ‘LANZ0040’**

	‘LANZ0040’	‘Balucimyel’*	‘LANZ0041’*
<i>Plant width (cm)</i>			
mean	27.8	15.8	25.3
std. deviation	2.91	3.91	1.67
<i>Leaf blade length (cm)</i>			
mean	6.5	6.7	5.0
std. deviation	0.63	0.97	0.42
<i>Leaf blade width (cm)</i>			
mean	4.2	4.2	3.1
std. deviation	0.39	0.53	0.29
<i>Main colour of inner side of corolla of flower (RHS)</i>			
newly opened	closest to 9A	closest to 7A	closest to 14A
fully opened	closest to 14A	closest to 14B-C	closest to 14A

\*reference varieties



Lantana: ‘LANZ0040’ (left) with reference varieties ‘Balucimyel’ (centre) and ‘LANZ0041’ (right)



Lantana: 'LANZ0040' (left) with reference varieties 'Balucimyel' (centre) and 'LANZ0041' (right)

**Proposed denomination:** 'LANZ0041'  
**Trade name:** Bandana Gold  
**Application number:** 21-10691  
**Application date:** 2021/08/04  
**Applicant:** Syngenta Crop Protection AG, Basel, Switzerland  
**Agent in Canada:** BioFlora Inc., St. Thomas, Ontario  
**Breeder:** Wendy Bergman, Syngenta Flowers, Inc., Alva, Florida, United States of America

**Varieties used for comparison:** 'Balandolim' (Landmark Gold Improved) and 'LANZ0040' (Bandolista Pineapple)

**Summary:** *The plants of 'LANZ0041' are smaller than those of 'Balandolim'. The leaf blade of 'LANZ0041' is smaller than those of both reference varieties. The leaf blade of 'LANZ0041' is dark green while that of 'LANZ0040' is medium green. The peduncle of 'LANZ0041' is shorter than that of both reference varieties. When newly opened, the inner side of the corolla of the flower of 'LANZ0041' is dark yellow while that of 'Balandolim' is medium yellow orange and that of 'LANZ0040' is medium yellow. When fully opened, the inner side of the corolla of the flower of 'LANZ0041' is dark yellow while that of 'Balandolim' is medium yellow orange. The inner side of the corolla of the flower of 'LANZ0041' has an eye present while that of 'Balandolim' does not.*

**Description:**

PLANT: erect growth habit

STEM: medium density pubescence

PETIOLE: present

LEAF BLADE: ovate, acute apex, truncate base, serrate margin, dark green on upper side, medium density pubescence on upper side, sparse pubescence on lower side

INFLORESCENCE: located in axillary position, domed to flattened apex shape in profile, contains flowers of one colour

COROLLA (INNER SIDE): dark yellow (closest to RHS 14A) when newly opened and fully opened, orange eye

COROLLA LOBES: arrangement is touching, obtuse apex, incurved along longitudinal axis, medium degree of undulation of margin



**Origin and Breeding:** ‘LANZ0041’ originated from a controlled cross between the female parent, a proprietary breeding line designated ‘G0011-4’, and pollen from an unknown male parent in August 2014 in Gilroy, California, U.S.A.. The resulting seed was sown in March 2015, from which a single unique seedling was selected in June 2015 based on its plant growth habit and vigour, length of flowering period, flower colour and foliage colour.

**Tests and Trials:** The comparative trial for ‘LANZ0041’ was conducted in a polyhouse during the spring of 2023 at BioFlora, Inc. in St. Thomas, Ontario. The trial included a total of 15 plants each per variety. All plants were grown from rooted cuttings and transplanted into 15 cm pots on April 29, 2023. Observations and measurements were taken from 10 plants, or 10 parts of plants, of each variety on June 19, 2023. All colour determinations were made using the 2015 Royal Horticultural Society (RHS) Colour Chart.

**Comparison table for ‘LANZ0041’**

	‘LANZ0041’	‘Balandolim’*	‘LANZ0040’*
<i>Plant height (cm)</i>			
mean	14.5	28.6	15.7
std. deviation	1.11	1.90	2.61
<i>Plant width (cm)</i>			
mean	25.3	30.6	27.8
std. deviation	1.67	4.33	2.91
<i>Leaf blade length (cm)</i>			
mean	5.0	7.3	6.5
std. deviation	0.42	0.31	0.63
<i>Leaf blade width (cm)</i>			
mean	3.1	3.8	4.2
std. deviation	0.29	0.30	0.39
<i>Peduncle length (cm)</i>			
mean	3.7	6.0	4.8
std. deviation	0.68	0.97	0.73
<i>Main colour of inner side of corolla of flower (RHS)</i>			
newly opened	closest to 14A	closest to 17A	closest to 9A
fully opened	closest to 14A	closest to 17A	closest to 14A

\*reference varieties

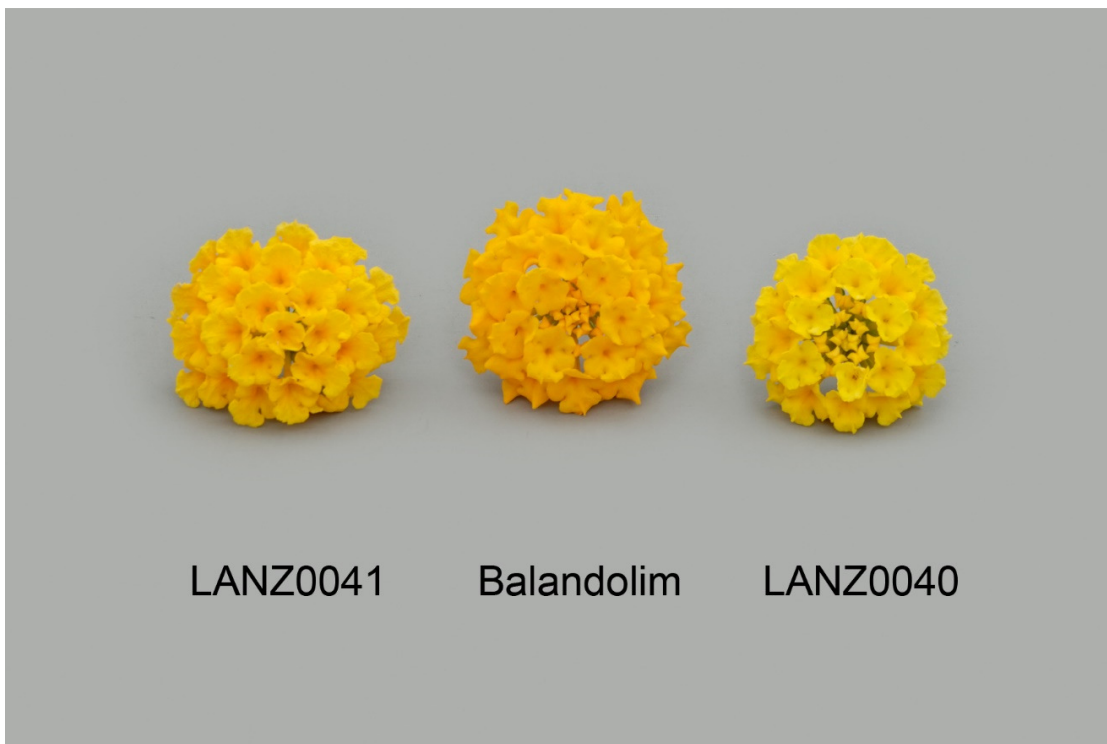


**LANZ0041**  
Bandana Gold

**Bandalolim**  
Landmark Gold Improved

**LANZ0040**  
Bandolista Pineapple

Lantana: 'LANZ0041' (left) with reference varieties 'Bandalolim' (centre) and 'LANZ0040' (right)



**LANZ0041**

**Bandalolim**

**LANZ0040**

Lantana: 'LANZ0041' (left) with reference varieties 'Bandalolim' (centre) and 'LANZ0040' (right)