



APPLICATIONS UNDER EXAMINATION

LANTANA

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(*Lantana camara*)

Proposed denomination: 'DLANTAN95'
Trade name: Luscious Royale Cosmo
Application number: 18-9380
Application date: 2018/02/13
Applicant: Danziger - "Dan" Flower Farm, Moshav Mishmar Hashiva, Israel
Agent in Canada: BioFlora Inc., St. Thomas, Ontario
Breeder: Gavriel Danziger, Danziger - "Dan" Flower Farm, Moshav Mishmar Hashiva, Israel

Varieties used for comparison: 'LANZ0001' (Bandana Rose) and 'LAN 876' (Luscious Berry Blend)

Summary: *The plants of 'DLANTAN95' are taller than those of both reference varieties. The plants of 'DLANTAN95' have an erect to semi-erect growth habit while the plants of 'LAN 876' have a semi-erect to semi-prostrate growth habit. The petiole of 'DLANTAN95' is longer than the petiole of 'LAN 876'. The leaf blade of 'DLANTAN95' is wider than the leaf blade of both reference varieties. The inflorescence of 'DLANTAN95' is wider than the inflorescence of 'LAN 876'.*

Description:

PLANT: erect to semi-erect growth habit
 SHOOT: upright to semi-upright attitude

LEAF: acute and truncate base, shallow serrate to crenate incisions of margin, upper side light to medium green, medium density pubescence on lower side, petiole present

INFLORESCENCE: flower bud is red (RHS 47A), purple red (RHS 54A) in centre

COROLLA LOBE: newly opened floret is yellow (RHS 9A-B) with yellow orange (RHS 14A) at centre, intermediate aged floret is orange pink (RHS 37A) on lower and lateral lobes with yellow orange (RHS 14A) at centre, mature floret is purple (RHS 61B)

COROLLA EYE: absent

Origin and Breeding: The variety 'DLANTAN95' originated from a self-pollinated cross of *Lantana camara* variety 'LT-7-52' that occurred in Moshav Mishmar Hashiva, Israel in August 2004. This variety was bred and developed by the breeder, Gavriel Danziger, in Moshav Mishmar Hashiva, Israel as part of a controlled breeding program. From the resulting progeny, a single seedling was selected in 2005 based on its compact growth habit, radial well-branched plant habit, early flowering time, flower colour, flower size, and full and abundant flowering. Asexual reproduction of 'DLANTAN95' was first conducted by vegetative cuttings in March 2006 in Moshav Mishmar Hashiva, Israel.

Tests and Trials: The comparative trial for 'DLANTAN95' was conducted in a polyhouse during the spring and summer of 2018 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 27, 2018. Observations and measurements were taken from 10 plants, or parts of plants, of each variety on June 13, 2018. All colour determinations were made using the 2007 Royal Horticultural Society (RHS) Colour Chart.

Comparison table for 'DLANTAN95'

	'DLANTAN95'	'LANZ0001'*	'LAN 876'*
<i>Plant height (cm)</i>			
mean	25.1	18.1	20.9
std. deviation	2.18	0.88	2.92
<i>Leaf blade width (cm)</i>			
mean	6.0	4.8	4.5
std. deviation	0.47	0.42	0.51

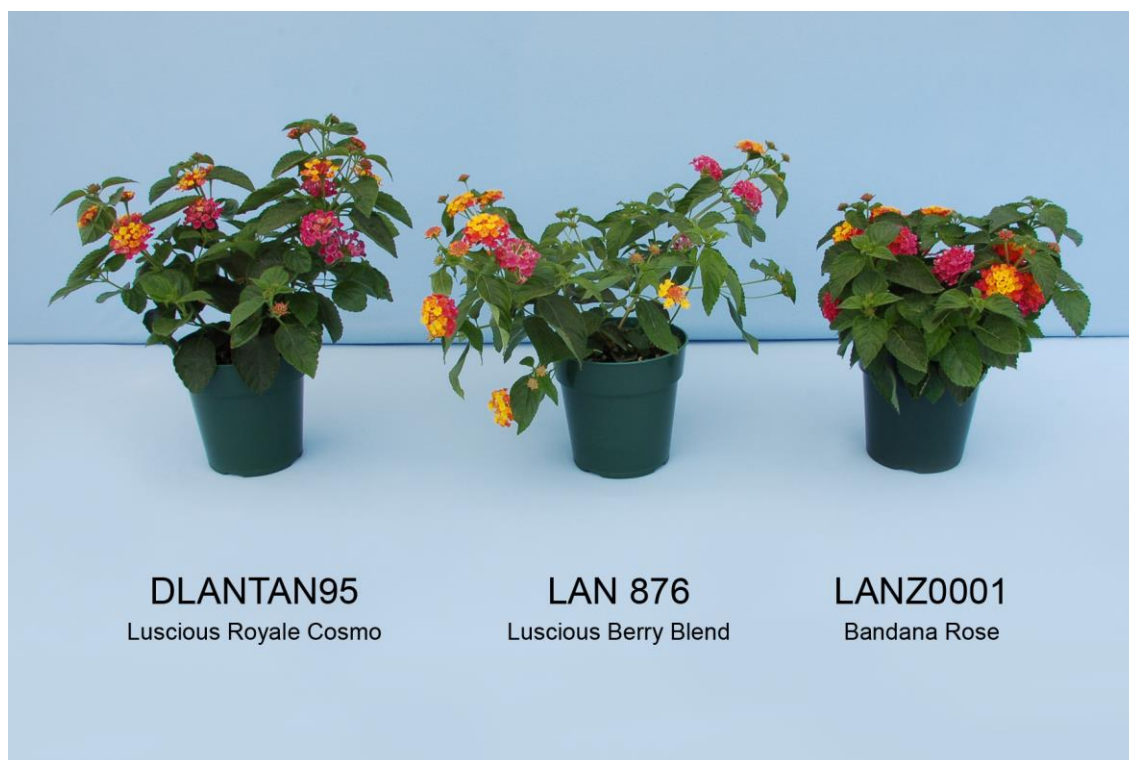
Petiole length (cm)

mean	1.8	1.6	1.1
std. deviation	0.26	0.24	0.22

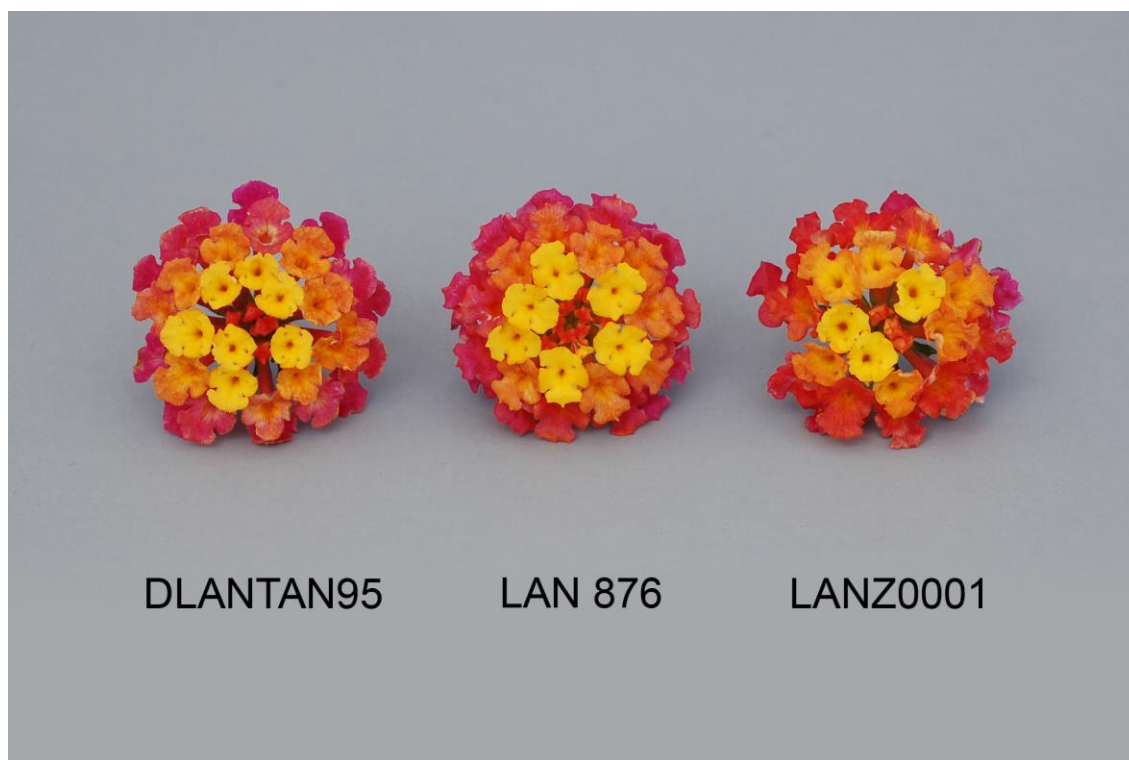
Inflorescence width (cm)

mean	4.9	4.9	4.3
std. deviation	0.13	0.06	0.13

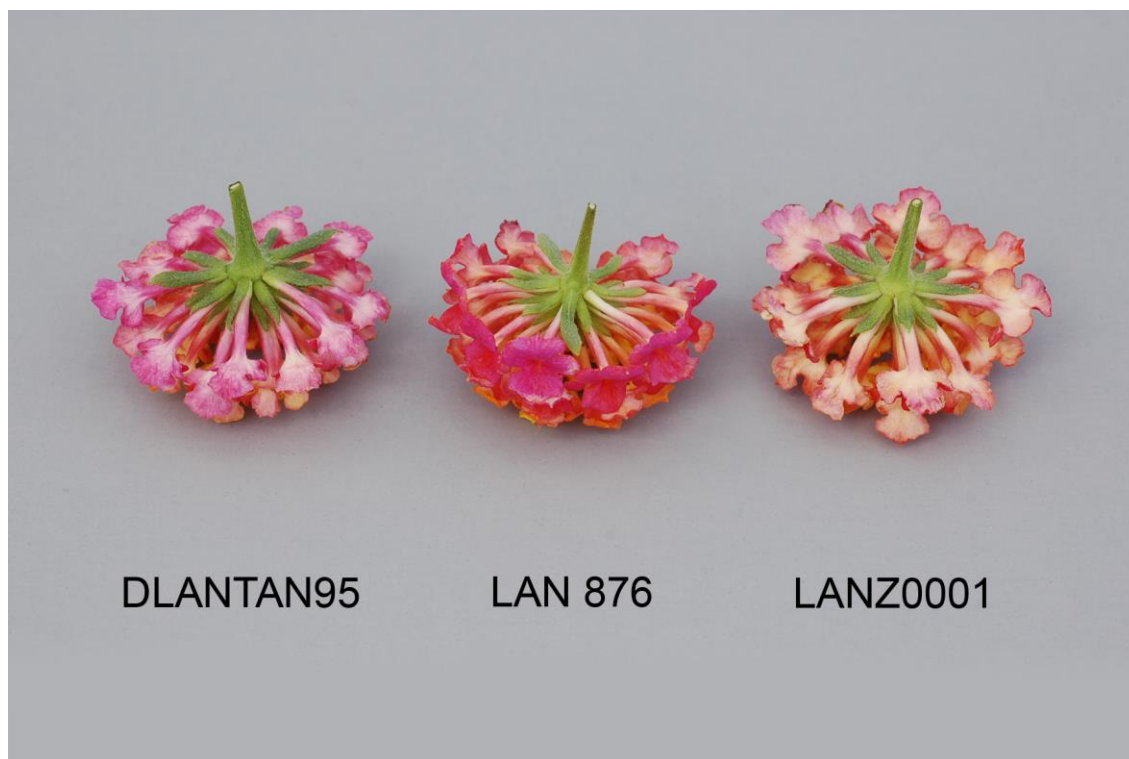
*reference varieties



Lantana: 'DLANTAN95' (left) with reference varieties 'LAN 876' (centre) and 'LANZ0001' (right)



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