



APPLICATIONS UNDER EXAMINATION

LANTANA

LANTANA (*Lantana camara*)

Proposed denomination: 'Ballany177'
Trade name: Luscious Citron
Application number: 21-10436
Application date: 2021/02/12
Applicant: Ball Horticultural Company, West Chicago, Illinois, United States of America
Agent in Canada: BioFlora Inc., St. Thomas, Ontario
Breeder: Scott C. Trees, Ball Horticultural Company, Guadalupe, California, United States of America

Variety used for comparison: 'Balucyell' (Landmark Yellow)

Summary: *The plants and peduncles of 'Ballany177' are shorter than those of 'Balucyell'. The leaves of 'Ballany177' are smaller than those of 'Balucyell'. The inner side of the mature floret of 'Ballany177' is medium yellow towards the margin with brighter medium yellow at the center whereas the mature floret of 'Balucyell' is dark yellow.*

Description:

PLANT: semi-erect growth habit

STEM: medium density of pubescence

LEAF BLADE: ovate, acute apex, cuneate to obtuse base, crenate to dentate margin, medium green on upper side, pubescence ranging from sparse to medium density on upper side, medium density pubescence along veins of lower side

PETIOLE: present

INFLORESCENCE: both axillary and terminal positions, dome shape in profile, one colour

COROLLA (INNER SIDE): medium yellow (RHS 8B) towards margin with brighter medium yellow (RHS 9A) at center when newly opened, medium yellow (RHS 8A) towards margin with brighter medium yellow (RHS 9A) at center when fully opened, light yellow (RHS 8D) towards margin with medium yellow (RHS 9A) at center when aged

COROLLA LOBE: free arrangement, retuse apex of upper lobes, obtuse apex of lateral lobes, incurved along longitudinal axis, undulation of margin ranging from weak to medium

COROLLA EYE: dark yellow (RHS 14A)

Origin and Breeding: 'Ballany177' originated from a cross pollination conducted by the breeder in June 2016 in Guadalupe, California, USA. The cross was made between the female parent proprietary selection coded '3599-A' and the male parent variety 'LANZ0002' (tradenam Bandana Peach). The new variety was selected in May of 2017 based on its growth habit and flower colour. Asexual propagation since that time has been through terminal stem cuttings.

Tests and Trials: The comparative trial for 'Ballany177' was conducted in a polyhouse during the summer of 2022 at Bioflora Inc., in St. Thomas, Ontario. The trial included a total of 15 plants each of the candidate and reference variety. All plants were grown from rooted cuttings and transplanted into 15 cm pots on April 10, 2022. Observations and measurements were taken from 10 plants or parts of 10 plants of each variety on June 27, 2022. All colour determinations were made using the 2015 Royal Horticultural Society (RHS) Colour Chart. Mean differences were significant at the 5% confidence probability level based on a paired Student's t-test.

Comparison table for 'Ballany177'

	'Ballany177'	'Balucyell'*
<i>Plant height (cm)</i>		
mean	28.7	41.7
std. deviation	1.33	4.05
<i>Leaf blade length (cm)</i>		
mean	6.8	10.8
std. deviation	0.43	0.52
<i>Leaf blade width (cm)</i>		
mean	4.1	6.5
std. deviation	0.36	0.47
<i>Peduncle length (cm)</i>		
mean	5.3	9.3
std. deviation	0.39	0.73
<i>Colour of mature floret (RHS)</i>		
inner side	8A towards margin with 9A at center	closest to 14A

*reference variety



Lantana: 'Ballany177' (left) with reference variety 'Balucyell' (right)



Ballany177

Balucyell

Lantana: 'Ballany177' (left) with reference variety 'Balucyell' (right)



Ballany177

Balucyell

Lantana: 'Ballany177' (left) with reference variety 'Balucyell' (right)