



APPLICATIONS UNDER EXAMINATION

LOBELIA

LOBELIA

(*Lobelia erinus*)

Proposed denomination: 'WNLOLASKBL'
Trade name: Laguna Sky Blue Imp
Application number: 20-10277
Application date: 2020/06/29
Applicant: WinGen, LLC, Buda, Texas, United States of America
Agent in Canada: BioFlora Inc., St. Thomas, Ontario
Breeder: Benjamin Kent Winslow, Austin, Texas, United States of America

Varieties used for comparison: 'Techno Light Blue' and 'USLOB0901' (Laguna Dark Blue)

Summary: *The shoots on the plant of 'WNLOLASKBL' have a semi-upright to horizontal attitude while those of 'Techno Light Blue' have an upright attitude. The shoot of 'WNLOLASKBL' has a strong intensity of green colouration and is longer than that of 'Techno Light Blue', which has a medium intensity of green. The leaf blade of 'WNLOLASKBL' is smaller than that of 'Techno Light Blue' and narrower than that of 'USLOB0901'. The leaf blade margin of 'WNLOLASKBL' has shallow incisions whereas that of 'Techno Light Blue' has medium depth incisions. The corolla of 'WNLOLASKBL' is shorter than that of both reference varieties. The lower corolla lobe of 'WNLOLASKBL' is smaller than that of both reference varieties. The inner side of the upper and lower corolla lips of 'WNLOLASKBL' is medium violet blue while those of 'Techno Light Blue' are lighter violet blue and those of 'USLOB0901' are dark violet blue.*

Description:

PLANT: semi-upright to horizontal attitude of shoots

STEM: thin, strong intensity of green colouration, weak to medium intensity of anthocyanin colouration, sparse pubescence

LEAF: shallow incisions of margin, linear to oblanceolate, acute apex

LEAF BLADE (UPPER SIDE): medium green, absent or very sparse pubescence

FLOWER: single type

UPPER COROLLA LIP: oblanceolate shape of lobes, inner side medium violet blue (RHS N95C-D), no markings present

LOWER COROLLA LIP: inner side medium violet blue (RHS N95C-D), small elongated white zone, small markings present, outer side light violet blue (RHS 93D) to medium violet blue (RHS 97A), free non-touching arrangement of lobes

COROLLA TUBE (OUTER SIDE): medium violet blue (RHS 96B)

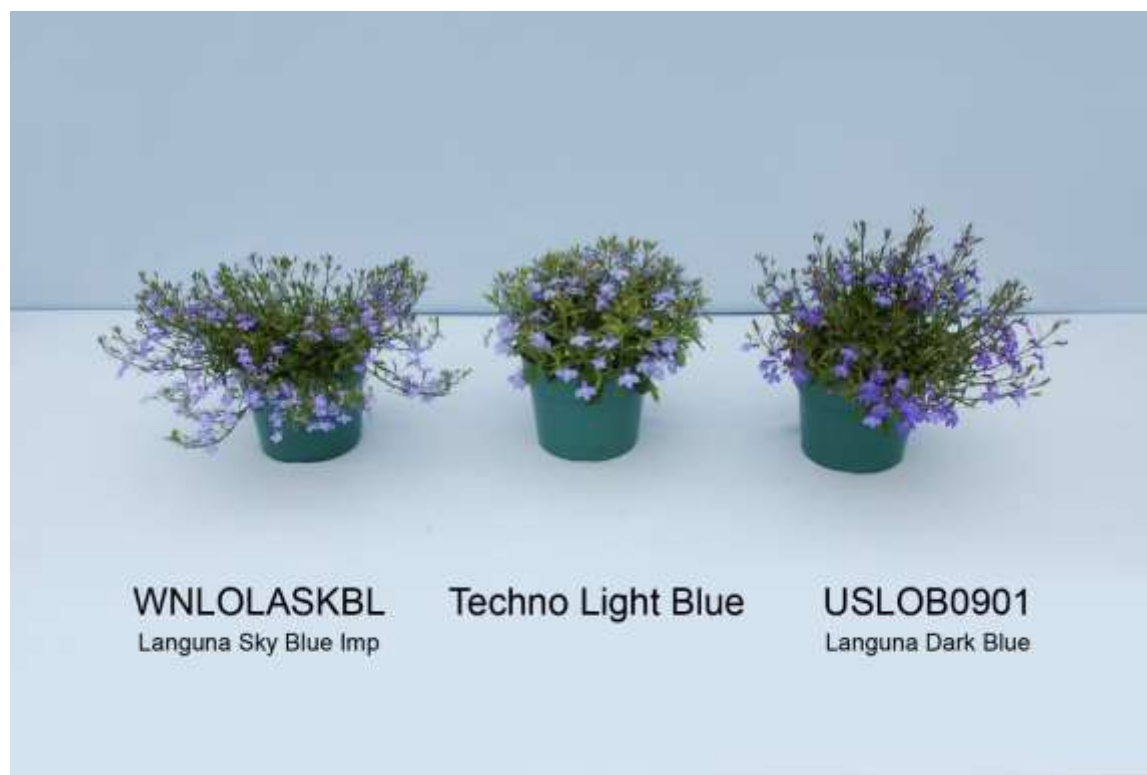
Origin and Breeding: 'WNLOLASKBL' originated from a controlled cross made by the breeder, Benjamin Kent Winslow, in November 2016 in Alajuela, Costa Rica. The cross was made between the female parent variety 'Laguna White' and the male parent variety 'Hot Snow White'. From the resulting progeny, the new variety was selected as a single plant based on its flower colour, abundant flowering, long flowering time, heat tolerance and summer performance on November 1, 2017, in Carleton, Michigan, U.S.A.. The variety 'WNLOLASKBL' was first propagated by cuttings on November 15, 2017 in Carleton, Michigan, U.S.A..

Tests and Trials: The comparative trial for 'WNLOLASKBL' was conducted in a polyhouse during the spring of 2021 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 round pots on April 15, 2021. Observations and measurements were taken from 10 plants, or parts of 10 plants, on May 25, 2021. All colour determinations were made using the 2015 Royal Horticultural Society (RHS) Colour Chart.

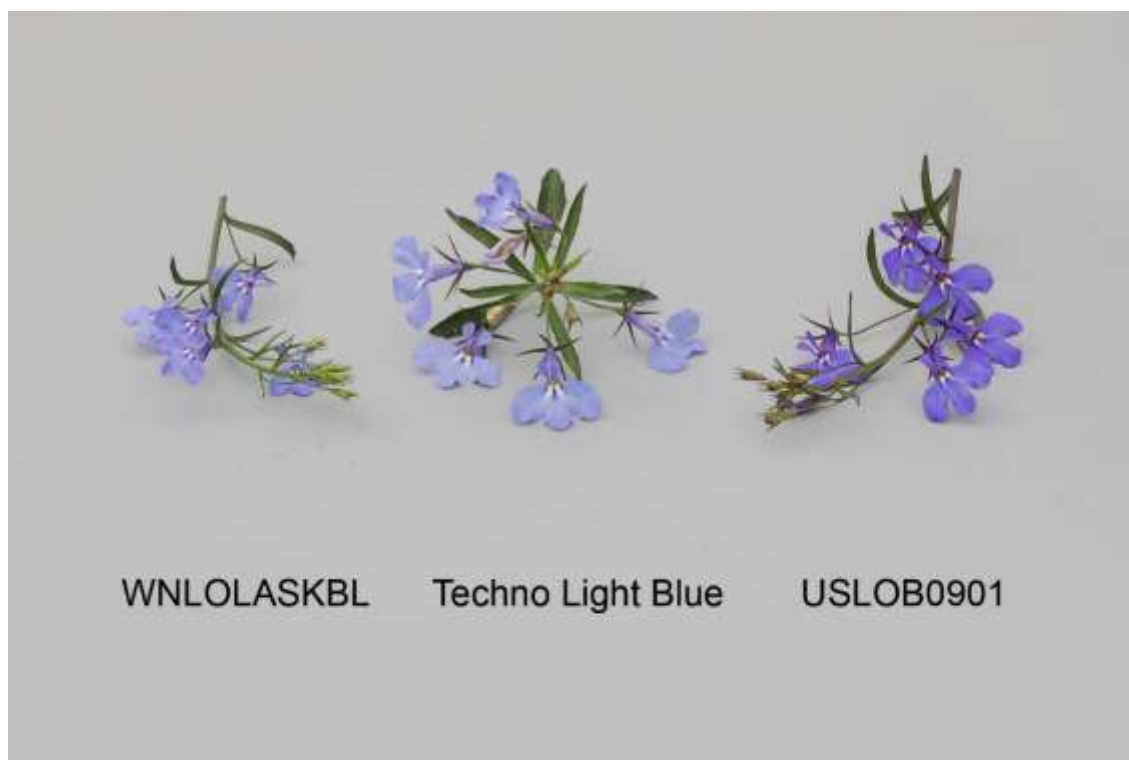
Comparison table for 'WNLOLASKBL'

	'WNLOLASKBL'	'Techno Light Blue'*	'USLOB0901'*
<i>Shoot length (cm)</i>			
mean	18.5	12.0	20.7
std. deviation	1.59	1.18	1.29
<i>Leaf blade length (cm)</i>			
mean	3.4	4.7	3.6
std. deviation	0.68	0.47	0.52
<i>Leaf blade width (cm)</i>			
mean	0.7	2.3	1.8
std. deviation	0.09	0.44	0.45
<i>Corolla length (cm)</i>			
mean	1.8	2.6	2.1
std. deviation	0.11	0.13	0.11
<i>Lower corolla lip length (cm)</i>			
mean	0.93	1.43	1.25
std. deviation	0.07	0.08	0.07
<i>Lower corolla lip width (cm)</i>			
mean	1.6	2.4	2.2
std. deviation	0.09	0.08	0.10
<i>Colour of inner side of corolla (RHS)</i>			
upper lip	N95C-D	96B	N95A
lower lip	N95C-D	96C	N95A

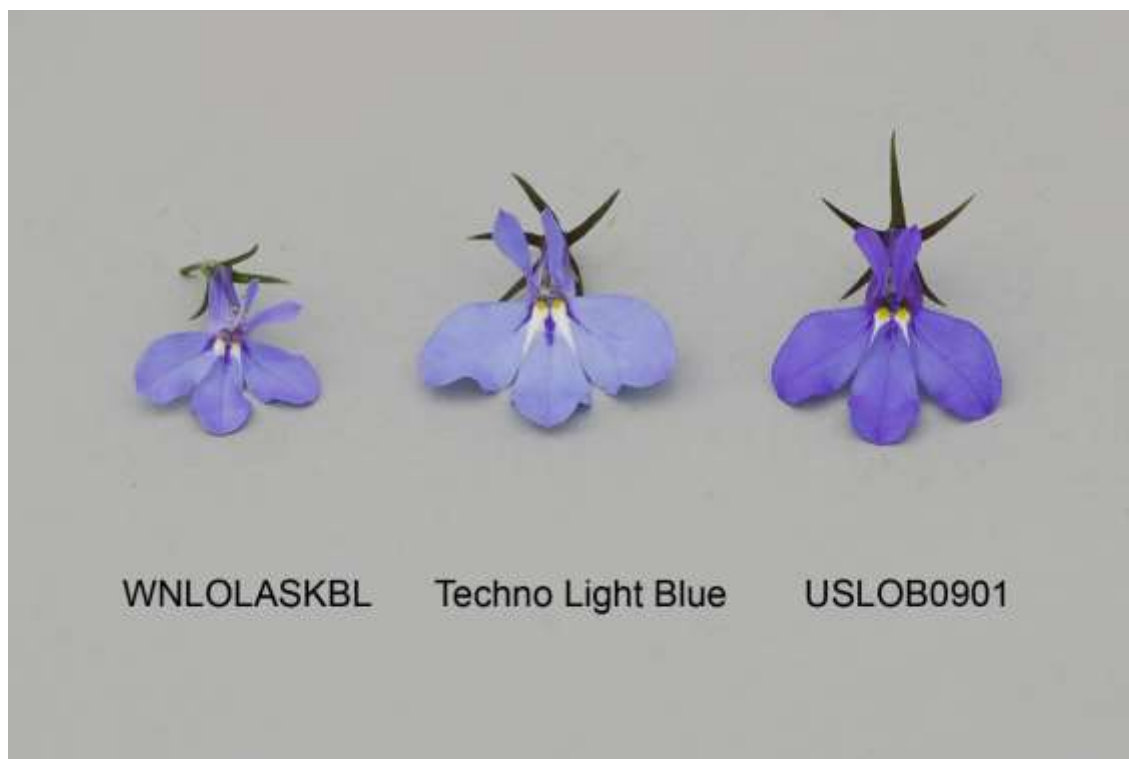
*reference varieties



Lobelia: 'WNLOLASKBL' (left) with reference varieties 'Techno Light Blue' (center) and 'USLOB0901' (right)



Lobelia: 'WNLOLASKBL' (left) with reference varieties 'Techno Light Blue' (center) and 'USLOB0901' (right)



Lobelia: 'WNLOLASKBL' (left) with reference varieties 'Techno Light Blue' (center) and 'USLOB0901' (right)