



APPLICATIONS UNDER EXAMINATION

CALIBRACHOA

**CALIBRACHOA**  
(*Calibrachoa*)

**Proposed denomination:** 'KLECA22491'  
**Trade name:** MiniFamous Neo White  
**Application number:** 22-11004  
**Application date:** 2022/06/28  
**Applicant:** Klemm & Sohn GmbH & Co. KG, Stuttgart, Germany  
**Agent in Canada:** BioFlora Inc., St. Thomas, Ontario  
**Breeder:** Angelo Carrella, Klemm & Sohn GmbH & Co. KG, Stuttgart, Germany

**Variety used for comparison:** 'KLECA17002' (MiniFamous Uno White)

**Summary:** *The plants of 'KLECA22491' have a spreading growth habit whereas those of 'KLECA17002' have a semi-upright growth habit. The leaf blade of 'KLECA22491' is longer than that of 'KLECA17002'. The leaf blade of 'KLECA22491' has an acute apex whereas that of 'KLECA17002' has an obtuse apex. The corolla of 'KLECA22491' has an absent or very weak degree of lobing while the corolla of 'KLECA17002' has a medium degree of lobing.*

**Description:**

PLANT: spreading growth habit

LEAF BLADE: acute apex, no variegation, medium green upper side

FLOWER: single type

COROLLA: absent or very weak degree of lobing, weak conspicuousness of veins

COROLLA LOBE: truncate apex

COROLLA LOBE (INNER SIDE): no colour change at transition to corolla tube, mainly white (RHS NN155D) when fully opened, newly opened and aged, no secondary colour, no colour change during growing season

COROLLA TUBE (INNER SIDE): medium yellow (closest to RHS 7A), weak conspicuousness of veins

**Origin and Breeding:** 'KLECA22491' originated from a controlled cross conducted in May 2016 in Stuttgart, Germany between the proprietary seedling designated 'CA-2009-1427' as the female parent, and the proprietary variety designated 'CA-2014-4088' as the male parent. 'KLECA22491' was selected in May 2016 in Stuttgart, Germany based on plant growth habit, branching, flower size and appearance, and time of flowering. After evaluations in greenhouse for the above criteria and overall performance, the new variety 'KLECA22491' was selected for commercialization in May 2020.

**Tests and Trials:** The comparative trial for 'KLECA22491' was conducted in a polyhouse during the summer of 2023 in St. Thomas, Ontario. The trial included 20 plants each of the candidate and reference variety. All plants were grown from rooted cuttings and transplanted into 30 cm hanging baskets on April 29, 2023. Each basket contained 4 cuttings with a total of 5 baskets per variety. Observations and measurements were taken from 10 plants, or 10 parts of plants, on June 7, 2023. Mean differences were significant at the 5% confidence probability level based on a paired Student's t-test. All colour determinations were made using the 2015 Royal Horticultural Society (RHS) Colour Chart.

**Comparison table for 'KLECA22491'**

	'KLECA22491'	'KLECA17002'*
<i>Leaf blade length (cm)</i>		
mean	3.3	2.9
std. deviation	0.28	0.29

\*reference variety



Calibrachoa: 'KLECA22491' (left) with reference variety 'KLECA17002' (right)



Calibrachoa: 'KLECA22491' (left) with reference variety 'KLECA17002' (right)

**Proposed denomination:** 'WNCALSBDBLYEL23'  
**Trade name:** Superbells Double Yellow  
**Application number:** 23-11276  
**Application date:** 2023/04/18  
**Applicant:** WinGen, LLC, Buda, Texas, United States of America  
**Agent in Canada:** BioFlora Inc., St. Thomas, Ontario  
**Breeder:** Ushio Sakazaki, Shiga, Japan

**Varieties used for comparison:** 'KLECA11225' (MiniFamous Neo Double Deep Yellow) and 'USCAL51505' (Superbells Double Chiffon)

**Summary:** *The plants of 'WNCALSBDBLYEL23' have a spreading growth habit whereas those of 'USCAL51505' have a semi-upright growth habit. The shoot of 'WNCALSBDBLYEL23' is shorter than that of both reference varieties. The upper side*

of the leaf blade of 'WNCALSBDBLYEL23' is medium green while it is dark green for 'KLECA11225'. The calyx lobe of 'WNCALSBDBLYEL23' is longer than that of both reference varieties. The corolla of 'WNCALSBDBLYEL23' has a medium degree of lobing while that of 'USCAL51505' has an absent or very weak degree of lobing. When fully opened, the inner side of the corolla of 'WNCALSBDBLYEL23' is mainly medium yellow with a darker medium yellow secondary colour along veins whereas that of 'KLECA11225' is darker medium yellow throughout and that of 'USCAL51505' is white throughout. When aged, the inner side of the corolla of 'WNCALSBDBLYEL23' is light yellow while it is medium yellow for 'KLECA11225' and white for 'USCAL51505'. The corolla lobe apex is rounded for 'WNCALSBDBLYEL23' while it is truncate for that of both reference varieties.

**Description:**

PLANT: spreading growth habit

LEAF BLADE: obtuse apex, no variegation, medium green upper side

FLOWER: double type

COROLLA: medium degree of lobing, weak conspicuousness of veins

COROLLA LOBE: rounded apex

COROLLA LOBE (INNER SIDE): mainly medium yellow (closest to RHS 8B) when fully opened, medium yellow (closest to RHS 7A) secondary colour, medium yellow (closest to RHS 7A) when newly opened, light yellow (closest to RHS 8D) aged flower, absent or weak colour change during growing season

**Origin and Breeding:** 'WNCALSBDBLYEL23' originated from a controlled cross conducted on May 9, 2018 in Higashiomi, Shiga, Japan between the female parent variety 'Sweet Clingel Double Bronz' and the male parent variety 'Million Bells Gran Yellow'. From the resulting progeny, the new variety was selected on May 8, 2019 in Bonsall, California, USA based on flower colour, flower type, branching, abundance of flowers, flowering frequency and timing. Asexual reproduction of 'WNCALSBDBLYEL23' was first conducted by cuttings on May 10, 2019 in Bonsall, California, USA.

**Tests and Trials:** The comparative trial for 'WNCALSBDBLYEL23' was conducted in a polyhouse during the summer of 2023 in St. Thomas, Ontario. The trial included 20 plants each of the candidate and reference varieties. All plants were grown from rooted cuttings and transplanted into 30 cm hanging baskets on April 29, 2023. Each basket contained 4 cuttings with a total of 5 baskets per variety. Observations and measurements were taken from 10 plants, or 10 parts of plants, on June 7, 2023. Mean differences were significant at the 5% confidence probability level based on a paired Student's t-test. All colour determinations were made using the 2015 Royal Horticultural Society (RHS) Colour Chart.

**Comparison table for 'WNCALSBDBLYEL23'**

	'WNCALSBDBLYEL23'	'KLECA11225'*	'USCAL51505'*
<i>Shoot length (cm)</i>			
mean	16.6	22.6	20.2
std. deviation	2.48	2.42	2.43
<i>Calyx lobe length (cm)</i>			
mean	1.3	1.1	1.0
std. deviation	0.16	0.14	0.12
<i>Colour of inner side of fully opened flower of corolla (RHS)</i>			
main	closest to 8B	closest to 7A	NN155B
secondary	closest to 7A	n/a	n/a
<i>Colour of inner side of aged flower of corolla (RHS)</i>			
main	closest to 8D	closest to 7A	NN155B

\*reference varieties



Calibrachoa: 'WNCALSBDBLYEL23' (left) with reference variety 'KLECA11225' (right)



Calibrachoa: 'WNCALSBDBLYEL23' (left) with reference variety 'USCAL51505' (right)



Calibrachoa: 'WNCALSBDBLYEL23' (left) with reference varieties 'KLECA11225' (centre) and 'USCAL51505' (right)

**Proposed denomination:** 'WNCALSBYEL23'  
**Trade name:** Superbells Yellow 2023  
**Application number:** 23-11277  
**Application date:** 2023/04/18  
**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

**Varieties used for comparison:** 'KLECA15327' (MiniFamous Deep Yellow) and 'Callie Yellow Improved'

**Summary:** *The shoot of 'WNCALSBYEL23' is shorter than that of both reference varieties. The leaf blade apex of 'WNCALSBYEL23' is obtuse while it is acute for that of 'Callie Yellow Improved'. The upper side of the leaf blade of 'WNCALSBYEL23' is medium green whereas it is dark green for that of 'KLECA15327'. The corolla of 'WNCALSBYEL23' is narrower than that of both reference varieties. When aged, the inner side of the corolla of 'WNCALSBYEL23' is medium yellow with light yellow at the margin whereas it is medium yellow for that of both reference varieties. The corolla lobe apex of 'WNCALSBYEL23' is truncate whereas it is emarginate for that of 'Callie Yellow Improved'. The inner side of the corolla tube of 'WNCALSBYEL23' is medium yellow with dark yellow undertones whereas it is medium yellow brown for that of 'KLECA15327' and light yellow mottled with medium yellow for that of 'Callie Yellow Improved'.*

**Description:**

**PLANT:** semi-upright to spreading growth habit

**LEAF BLADE:** obtuse apex, no variegation, medium green upper side

**FLOWER:** single type

**COROLLA:** medium degree of lobing, weak to medium conspicuousness of veins

**COROLLA LOBE:** truncate apex

**COROLLA LOBE (INNER SIDE):** mainly medium yellow (closest to RHS 9A) with medium yellow (closest to RHS 12B) at margin when fully opened, medium yellow (closest to RHS 7A) with medium yellow (closest to RHS 9B) at margin when newly opened, medium yellow (closest to RHS 9A) with light yellow (closest to RHS 8C) at margin when aged, absent or weak colour change during growing season

**COROLLA TUBE (INNER SIDE):** no colour change at transition, mainly medium yellow (RHS 12A) with dark yellow (RHS 14B) undertones, weak conspicuousness of veins

**Origin and Breeding:** ‘WNCALSBYEL23’ originated from a controlled cross conducted on August 1, 2017 in Bonsall, California, USA between the proprietary variety designated ‘16C824-02’ as the female parent, and the proprietary variety designated ‘17CB082-02’ as the male parent. From the resulting progeny, the new variety was selected on May 20, 2018 in Bonsall, California, USA based on plant vigour, plant growth habit, as well as flower size, colour and density. Asexual reproduction of ‘WNCALSBYEL23’ was first conducted by cuttings on May 25, 2018 in Bonsall, California, USA.

**Tests and Trials:** The comparative trial for ‘WNCALSBYEL23’ was conducted in a polyhouse during the summer of 2023 in St. Thomas, Ontario. The trial included 20 plants each of the candidate and reference varieties. All plants were grown from rooted cuttings and transplanted into 30 cm hanging baskets on April 29, 2023. Each basket contained 4 cuttings with a total of 5 baskets per variety. Observations and measurements were taken from 10 plants, or 10 parts of plants, on June 6, 2023. Mean differences were significant at the 5% confidence probability level based on a paired Student’s t-test. All colour determinations were made using the 2015 Royal Horticultural Society (RHS) Colour Chart.

**Comparison table for ‘WNCALSBYEL23’**

	‘WNCALSBYEL23’	‘KLECA15327’*	‘Callie Yellow Improved’*
<i>Shoot length (cm)</i>			
mean	20.0	24.3	24.1
std. deviation	2.13	4.20	3.08
<i>Corolla width (cm)</i>			
mean	3.2	3.7	3.4
std. deviation	0.13	0.32	0.12
<i>Colour of inner side of aged flower of corolla (RHS)</i>			
main	closest to 9A with closest to 8C at margin	closest to 9A	closest to 9A with closest to 9C at margin
<i>Colour of inner side of corolla tube (RHS)</i>			
main	12A with 14B undertones	closest to 163B	2D mottled with 7A

\*reference varieties



Calibrachoa: ‘WNCALSBYEL23’ (left) with reference variety ‘KLECA15327’ (right)





Calibrachoa: 'WNCALSBYEL23' (left) with reference variety 'Callie Yellow Improved' (right)



Calibrachoa: 'WNCALSBYEL23' (left) with reference varieties 'Callie Yellow Improved' (centre) and 'KLECA15327' (right)