



APPLICATIONS UNDER EXAMINATION

EVOLVULUS

**EVOLVULUS**  
(*Evolvulus*)

**Proposed denomination:** 'RMEVO28301'  
**Trade name:** Blue My Mind XL  
**Application number:** 21-10712  
**Application date:** 2021/08/23  
**Applicant:** WinGen, LLC, Buda, Texas, United States of America  
**Agent in Canada:** BioFlora Inc., St. Thomas, Ontario  
**Breeder:** Rika Matsumoto, Shiga, Japan

**Variety used for comparison:** 'USEVO1201' (Blue My Mind)

**Summary:** *The plants of 'RMEVO28301' are wider with longer shoots than those of 'USEVO1201'. The plants of 'RMEVO28301' have very dense branching whereas those of 'USEVO1201' have dense branching. The leaf blades of 'RMEVO28301' are larger than those of 'USEVO1201'. The corolla of 'RMEVO28301' has a larger diameter than that of 'USEVO1201'. The flowering stems of 'RMEVO28301' have less flowers per stem than the flowering stems of 'USEVO1201'.*

**Description:**

PLANT: horizontal growth habit, very dense branching  
 STEM: light green, strong anthocyanin colouration, medium thickness

LEAF BLADE: obovate to oblong, obtuse apex, upper side is medium green, lower side is medium green to grey green  
 PETIOLE: present

SEPAL: acuminate apex

COROLLA: cup-shaped, moderate overlapping of lobes, medium degree of reflexing of margin, medium violet blue (RHS 95C) margin and middle of inner side, dark violet blue (RHS N95B) base of inner side

EYE ZONE: white (RHS NN155D), small

COROLLA TUBE: white on outer side

ANTHER: white

**Origin and Breeding:** 'RMEVO28301' originated from a controlled cross conducted by the breeder in Higashiomi, Shiga, Japan on July 17, 2015. The cross was made between the female parent, a proprietary seedling designated '07E12-01' and the male parent, an unnamed variety in cultivation in Sri Lanka. The new variety was selected as a single plant from the cross on August 22, 2016 for its growth habit, blooming period length and summer performance. Asexual reproduction of 'RMEVO28301' was first conducted by cuttings on August 23, 2016 in Higashiomi, Shiga, Japan.

**Tests and Trials:** The comparative trial for 'RMEVO28301' was conducted in a polyhouse during the summer of 2022 at Bioflora Inc., in St. Thomas, Ontario. The trial included a total of 20 plants each of the candidate and reference variety. All plants were grown from rooted cuttings and transplanted into 15cm pots on April 9, 2022. Observations and measurements were taken from 10 plants or parts of 10 plants of each variety on June 30, 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 'RMEVO28301'**

	'RMEVO28301'	'USEVO1201'*
<i>Plant width (cm)</i>		
mean	50.3	39.9
std. deviation	3.53	2.54

<i>Shoot length (cm)</i>		
mean	32.9	23.7
std. deviation	3.53	2.36
<i>Leaf blade length (cm)</i>		
mean	3.9	2.9
std. deviation	0.29	0.27
<i>Leaf blade width (cm)</i>		
mean	2.2	1.9
std. deviation	0.11	0.12
<i>Corolla diameter (cm)</i>		
mean	3.1	2.8
std. deviation	0.09	0.13
<i>Number of flowers per flowering stem</i>		
mean	6.0	11.5
std. deviation	1.15	2.08

\*reference variety



Evolvulus: 'RMEVO28301' (left) with reference variety 'USEVO1201' (right)



Evolvulus: 'RMEVO28301' (left) with reference variety 'USEVO1201' (right)