



## APPLICATIONS UNDER EXAMINATION

WEIGELA

### WEIGELA (*Weigela*)

**Proposed denomination:** 'VUKOZGemini'  
**Trade name:** Czechmark Trilogy  
**Application number:** 17-9123  
**Application date:** 2017/03/07  
**Applicant:** Spring Meadow Nursery, Inc., Grand Haven, Michigan, United States of America  
**Agent in Canada:** BioFlora Inc., St. Thomas, Ontario  
**Breeder:** Vojtech Benetka, The Czech Republic

**Variety used for comparison:** 'Bokrasopea' (Sonic Bloom Pearl)

**Summary:** *The leaf blade of 'VUKOZGemini' is wider than that of 'Bokrasopea'. When aged, the inner side of the corolla of 'VUKOZGemini' is dark to medium blue pink with white tones and a medium purple throat marking while the corolla of 'Bokrasopea' is white with light blue pink tones and a pink throat marking.*

#### **Description:**

**PLANT:** strong vigour, erect to spreading growth habit, red brown one year old shoot

**LEAF BLADE:** elliptic to obovate shape, many shallow incisions along margin, strong undulation of margin

**LEAF BLADE (UPPER SIDE):** medium green, dark brown green (RHS NN137A) in summer, no variegation, very weak leaf blistering, medium glossiness

**LEAF BLADE (LOWER SIDE):** medium density pubescence on veins only of lower side

**INFLORESCENCE:** simple panicle, flowers early for a short duration with secondary flowering in the fall

**COROLLA:** campanulate shape, lobes with rounded apex

**COROLLA (INNER SIDE):** single coloured, white (RHS N155B) with a yellow throat marking when newly opened, white (RHS NN155B) with dark to medium blue pink (RHS 64C-D) tones and a medium purple (close to RHS 64B) throat marking when fully opened, dark to medium blue pink (RHS 64C-D) with white (close to RHS N155B) tones and a medium purple (close to RHS 64B) throat marking when aged

**SEPAL:** medium density pubescence, green with red at tips

**PISTIL:** longer than corolla

**Origin and Breeding:** 'VUKOZGemini' originated from a controlled cross that occurred in 2004 in Pruhonic, Czech Republic. The cross was conducted between the female parent variety 'Musca' and the male parent, a proprietary plant designated 99-19-254. From the resulting progeny, 'VUKOZGemini' was selected in 2007 as a single seedling based on its low plant growth habit, flower size, flower colour that changes from white to pink, abundant flowers and re-blooming flowering type. Asexual reproduction of 'VUKOZGemini' was first conducted by softwood cuttings in 2007 in Pruhonic, Czech Republic.

**Tests and Trials:** The comparative trial for 'VUKOZGemini' was conducted outdoors during the spring and summer of 2020 and 2021 at BioFlora, Inc. in St. Thomas, Ontario. The trial included a total of 10 plants each of the candidate and reference variety. Plants were grown from 11 cm rooted liners and planted into 8.8 litre containers on August 6, 2019. The plants were overwintered in a polyhouse, moved outdoors to a drip irrigated field area and arranged in rows with 1 metre spacing between plants. Observations and measurements were taken from 10 plants, or 10 parts of plants, of each variety on May 11, 2021. All colour determinations were made using the 2015 Royal Horticultural Society (RHS) Colour Chart.

## Comparison table for 'VUKOZGemini'

	'VUKOZGemini'	'Bokrasopea'*
<i>Leaf blade width (cm)</i>		
mean	4.4	3.5
std. deviation	0.30	0.43
<i>Colour of inner side of corolla (RHS)</i>		
aged	64C-D with N155B tones, 64B throat marking	NN155B with more 62C-D tones, pink throat marking

\*reference variety



Weigela: 'VUKOZGemini' (left) with reference variety 'Bokrasopea' (right)



Weigela: 'VUKOZGemini' (left) with reference variety 'Bokrasopea' (right)



Weigela: 'VUKOZGemini' (left) with reference variety 'Bokrasopea' (right)