



APPLICATIONS UNDER EXAMINATION

SEDUM

SEDUM (*Sedum*)

Proposed denomination: 'Boogie Woogie'
Application number: 20-10077
Application date: 2020/01/16
Applicant: Walters Gardens, Inc., Zeeland, Michigan, United States of America
Agent in Canada: Variety Rights Management, Oxford Station, Ontario
Breeder: Hans A. Hansen, Zeeland, Michigan, United States of America

Variety used for comparison: 'Variegatum'

Summary: *The plants of 'Boogie Woogie' are wider than those of 'Variegatum'. The stem of 'Boogie Woogie' has a weak intensity of anthocyanin colouration while that of 'Variegatum' has a medium to strong intensity of anthocyanin colouration. The leaf blade of 'Boogie Woogie' is smaller than that of 'Variegatum'. The leaf blade of 'Boogie Woogie' has a crenate margin while that of 'Variegatum' has an entire margin with slight crenation. The intensity of anthocyanin colouration on the leaf blade of 'Boogie Woogie' is absent to very weak while it is weak along the margin of 'Variegatum'. The variegation along the margin of the leaf blade of 'Boogie Woogie' is wider than that of 'Variegatum'. The inflorescence of 'Boogie Woogie' is taller and wider than that of 'Variegatum'. The inner side of the petal of 'Boogie Woogie' is medium yellow whereas that of 'Variegatum' is darker medium yellow.*

Description:

PLANT: vegetatively propagated perennial, horizontal to mounded growth habit, sparse degree of branching

STEM: light to medium green, weak intensity of anthocyanin colouration, weak glaucosity, absent or very sparse pubescence, small to medium thickness, smooth texture

LEAF: opposite arrangement along stem, simple type, oblanceolate shape, rounded apex, attenuate base, crenate margin, white (RHS 155B-C) variegation present along margin, no petiole

LEAF BLADE (UPPER SIDE): absent or very sparse pubescence, very weak to weak glaucosity, medium brown green (RHS 139B), absent or very weak intensity of anthocyanin colouration

LEAF BLADE (LOWER SIDE): absent or very sparse pubescence

FLOWERING PERIOD: early to mid-season, medium length

INFLORESCENCE: cyme type, terminal position only, erect attitude

FLOWER: petal arrangement is very open, very few petals, five to six petals

PETAL: small, lanceolate shape, acute apex, absent or very weak recurvature of tip, entire margin, absent or very sparse pubescence on lower side, inner side is medium yellow (RHS 2A), outer side is medium yellow (RHS 2B)

Origin and Breeding: 'Boogie Woogie' was discovered as a naturally occurring sport mutation on a plant of Sedum variety 'Little Miss Sunshine' at Walter Gardens, Inc. in Zeeland, Michigan, USA on August 13, 2017. The sport was cut from the mother plant the same day and further propagated by cuttings. It was selected at the time of discovery for its plant growth habit, distinct and stable foliage variegation, flower colour and height and reblooming capabilities. 'Boogie Woogie' was initially propagated by cuttings in the fall of 2017.

Tests and Trials: The comparative trial for 'Boogie Woogie' was conducted outdoors during the summer of 2023 at Variety Rights Management in Oxford Station, Ontario. The trial included a total of 15 plants each of the candidate and reference variety. All plants were grown in 16 cm pots spaced 45 cm apart. Observations and measurements were taken from 10 plants, or parts of plants, of each variety in July 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 'Boogie Woogie'

	'Boogie Woogie'	'Variegatum'*
<i>Plant width (cm)</i>		
mean	22.3	18.8
std. deviation	2.69	2.77
<i>Leaf blade length (cm)</i>		
mean	2.1	3.3
std. deviation	0.31	0.27
<i>Leaf blade width (cm)</i>		
mean	1.7	2.7
std. deviation	0.36	0.30
<i>Inflorescence height (cm)</i>		
mean	3.2	1.9
std. deviation	0.24	0.22
<i>Inflorescence width (cm)</i>		
mean	3.4	2.0
std. deviation	0.34	0.31
<i>Main colour of petal (RHS)</i>		
upper side	2A	6A

*reference variety



Sedum: 'Boogie Woogie' (left) with reference variety 'Variegatum' (right)