



APPLICATIONS UNDER EXAMINATION

SEDUM

SEDUM (*Sedum*)

Proposed denomination: 'Pride and Joy'
Application number: 20-10134
Application date: 2020/04/02
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: 'Pure Joy'

Summary: *The stem of 'Pride and Joy' has a medium to strong intensity of anthocyanin colouration while that of 'Pure Joy' has a weak to medium intensity of anthocyanin colouration. The inflorescence of 'Pride and Joy' is taller than that of 'Pure Joy'. The inner side of the petal of 'Pride and Joy' is medium blue pink whereas that of 'Pure Joy' is light blue pink. The gynoecium of the floret of 'Pride and Joy' is darker purple and darker blue pink than that of 'Pure Joy'.*

Description:

PLANT: vegetatively propagated perennial, upright-bushy to mounded growth habit, sparse degree of branching

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

LEAF: opposite arrangement along stem, simple type, obovate shape, rounded apex, cuneate base, dentate margin, no variegation, no petiole

LEAF BLADE (UPPER SIDE): absent or very sparse pubescence, very weak to weak glaucosity, medium brown green (RHS 139C/D) to light green (RHS 144B), very weak to weak anthocyanin colouration

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

FLOWERING PERIOD: late in the season, medium to long

INFLORESCENCE: cyme type, terminal position only, erect attitude

FLOWER: petal arrangement is very open, very few petals, five petals, medium purple (RHS 64B) to dark blue pink (RHS 64C) gynoecium

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 blue pink (RHS 73B/C), outer side is light blue pink (RHS 73D)

Origin and Breeding: 'Pride and Joy' was discovered as a naturally occurring sport mutation on a plant of *Sedum* variety 'Pure Joy' at Walter Gardens, Inc. in Zeeland, Michigan, USA on August 17, 2016. The sport was cut from the mother plant in autumn of 2016 at Walters Gardens, Inc. 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. 'Pride and Joy' was initially propagated by cuttings in September of 2017.

Tests and Trials: The comparative trial for 'Pride and Joy' was conducted outdoors during the summer of 2022 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 22 cm pots spaced 45 cm apart. Observations and measurements were taken from 10 plants, or parts of plants, of each variety during the last week of August 2022. All colour determinations were made using the 2015 Royal Horticultural Society (RHS) Colour Chart.

Comparison table for 'Pride and Joy'

	'Pride and Joy'	'Pure Joy'*
<i>Inflorescence height (cm)</i>		
mean	7.1	5.8
std. deviation	0.97	1.35
<i>Colour of inner side of petal (RHS)</i>		
main	73B/C	62C/D
<i>Colour of gynoecium of floret (RHS)</i>		
main	64B/C	N74B/C

*reference variety



Sedum: 'Pride and Joy' (left) with reference variety 'Pure Joy' (right)

Proposed denomination: 'Yellow Brick Road'
Application number: 21-10424
Application date: 2021/02/02
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: 'Little Miss Sunshine'

Summary: *The plants of 'Yellow Brick Road' are shorter and wider than those of 'Little Miss Sunshine'. The stem of 'Yellow Brick Road' is medium green to red brown with a medium to strong intensity of anthocyanin colouration while that of 'Little Miss Sunshine' is medium green with no anthocyanin colouration. The leaf blade of 'Yellow Brick Road' is smaller than that of 'Little Miss Sunshine'. The upper side of the leaf blade of 'Yellow Brick Road' has a weak intensity of anthocyanin colouration on the margin while that of 'Little Miss Sunshine' has no anthocyanin colouration. The leaf blade shape of 'Yellow Brick Road' is oblanceolate while that of 'Little Miss Sunshine' is obovate. The plants of 'Yellow Brick Road' flower mid to late in the season while those of 'Little Miss Sunshine' flower early to mid-season. The inflorescence of 'Yellow Brick Road' is larger than that of 'Little Miss Sunshine'. The inner side of the petal of 'Yellow Brick Road' is medium yellow whereas that of 'Little Miss Sunshine' is medium yellow green.*

Description:

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

STEM: medium green to red brown, medium to strong intensity of anthocyanin colouration, absent or very 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 to dentate margin, no variegation, no petiole

LEAF BLADE (UPPER SIDE): absent or very sparse pubescence, very weak to weak glaucosity, medium green (RHS 143B/C to 144A), weak intensity of anthocyanin colouration on margin

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

FLOWERING PERIOD: mid to late season, medium to long

INFLORESCENCE: cyme type, terminal position only, erect attitude

FLOWER: petal arrangement is very open, very few petals, five 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: ‘Yellow Brick Road’ originated from a self pollination of the proprietary hybrid ‘12-67-1’ at a nursery in Zeeland, Michigan, USA in the summer of 2013. Seeds were collected in the fall of 2013. The new plant was evaluated and trialed in the fall of 2015. ‘Yellow Brick Road’ was selected in September of 2015 for its plant growth habit, distinct foliage type and flower colour at a nursery in Zeeland, Michigan, USA. ‘Yellow Brick Road’ was initially propagated by shoot tip cuttings in the fall of 2016 at Walters Gardens, Inc. in Zeeland, Michigan, USA.

Tests and Trials: The comparative trial for ‘Yellow Brick Road’ was conducted outdoors during the summer of 2022 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 22 cm pots spaced 45 cm apart. Observations and measurements were taken from 10 plants, or parts of plants, of each variety during the last week of July 2022. All colour determinations were made using the 2015 Royal Horticultural Society (RHS) Colour Chart.

Comparison table for ‘Yellow Brick Road’

	‘Yellow Brick Road’	‘Little Miss Sunshine’*
<i>Plant height (cm)</i>		
mean	13.6	15.8
std. deviation	2.06	1.35
<i>Plant width (cm)</i>		
mean	36.2	32.1
std. deviation	2.21	2.30
<i>Leaf blade length (cm)</i>		
mean	2.1	3.3
std. deviation	0.31	0.27
<i>Leaf blade width (cm)</i>		
mean	1.0	2.1
std. deviation	0.22	0.37
<i>Inflorescence height (cm)</i>		
mean	7.1	4.9
std. deviation	1.05	1.18
<i>Inflorescence width (cm)</i>		
mean	6.8	5.1
std. deviation	0.79	0.75

Colour of inner side of petal (RHS)

main

2A

1A

*reference variety



Sedum: 'Yellow Brick Road' (left) with reference variety 'Little Miss Sunshine' (right)
