



APPLICATIONS UNDER EXAMINATION

HEUCHERA

HEUCHERA (*Heuchera*)

Proposed denomination: 'Spearmint'
Application number: 18-9678
Application date: 2018/12/21
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: 'Paris'

Summary: *The plants of 'Spearmint' are narrower than those of 'Paris'. The upper side of the young leaf blade of 'Spearmint' is medium green to light green while that of 'Paris' is light green. The leaf blade of 'Spearmint' is rounded while that of 'Paris' is very slightly to slightly elongated. Colour one on the upper side of the mature leaf blade of 'Spearmint' is dark green to medium brown green distributed along the veins and the margin while that of 'Paris' is dark brown green distributed along the veins only. Colour two on the upper side of the mature leaf blade of 'Spearmint' is medium grey green while that of 'Paris' is medium grey green to brown grey. The flowering part of the flowering stem of 'Spearmint' is larger than that of 'Paris'. The flower of 'Spearmint' is medium to long while that of 'Paris' is short to medium length. The outer side of the flower is dark red to red pink to light blue pink for 'Spearmint' while it is dark to light blue pink for 'Paris'.*

Description:

PLANT: medium to dense foliage

PETIOLE: light green (RHS 145A), sparse pubescence

YOUNG LEAF BLADE (UPPER SIDE): medium green (RHS 144A) to light green (RHS 144C) distributed throughout in a solid or nearly solid pattern over a large area

LEAF BLADE: roundish length to width ratio, rounded apex, absent or very shallow to shallow lobing, few very shallow indentations of margin, weak undulation of margin, weak to medium rugosity

LEAF BLADE (UPPER SIDE): weak glossiness, sparse pubescence, colour one is dark green (RHS 136B) to medium brown green (RHS 136C) distributed along veins and margin over a small to medium area, colour two is medium grey green (RHS 189C to 191C) distributed between veins throughout in a solid or nearly solid pattern over a medium to large area

LEAF BLADE (LOWER SIDE): dark brown green (RHS N138C), sparse pubescence

TIME OF FLOWERING: begins mid-season

FLOWERING STEM: upright attitude, dark purple red (RHS 187C-D), length to width ratio of flowering part moderately to strongly elongated, medium to dense density of flowers

FLOWER BUD: medium purple (RHS 70B) to dark blue pink (RHS 70C)

FLOWER: semi-downwards attitude, medium to long, medium width, dark red to red pink (RHS 53B-C) to light blue pink (RHS 69A-B) outer side

Origin and Breeding: 'Spearmint' originated from a controlled cross conducted by the breeder, Hans Hansen, in Zeeland, Michigan, USA on April 11, 2013. The cross was made between the female parent, a proprietary unreleased hybrid known by the breeder code 12-287-01, and the male parent variety 'Coral Forest'. From the resulting progeny, seeds were collected from an individual plant at Walters Gardens, Inc. in Zeeland, Michigan and sown by the breeder in late 2013. In the fall of 2015, 'Spearmint' was selected for its foliage colour. 'Spearmint' was first asexually propagated using shoot tip tissue culture in the fall of 2016 in Zeeland, Michigan, USA.

Tests and Trials: The comparative trial for 'Spearmint' was conducted outdoors during the summer of 2021 at Variety Rights Management in Oxford Station, Ontario. The trial included 20 plants each of the candidate and reference variety. The plants were grown in 16 cm pots with 40 cm spacing between pots under a galvanized steel structure covered with black mesh shade fabric. The observations and measurements were taken from 10 plants, or 10 parts of plants, of each variety in late June of 2021. All colour determinations were made using the 2015 Royal Horticultural Society (RHS) Colour Chart.

Comparison table for 'Spearmint'

	'Spearmint'	'Paris**
<i>Plant width (cm)</i>		
mean	19.3	22.8
std. deviation	1.99	1.94
<i>Colour of young leaf blade (RHS)</i>		
upper side	144A-C	N144B-C
<i>Colour of upper side of mature leaf blade (RHS)</i>		
colour one	136B-C along veins and margin	147A along veins
colour two	189C to 191C	191D to 198D
<i>Length of flowering part of flowering stem (cm)</i>		
mean	14.5	11.2
std. deviation	1.87	2.64
<i>Width of flowering part of flowering stem (cm)</i>		
mean	5.4	4.3
std. deviation	0.58	0.82
<i>Colour of flower (RHS)</i>		
outer side	53B-C to 69A-B	63B-D

*reference variety



Heuchera: 'Spearmint' (left) with reference variety 'Paris' (right)

Proposed denomination: ‘Wildberry’
Application number: 19-9700
Application date: 2019/01/04
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: ‘Wild Rose’

Summary: *The petiole of ‘Wildberry’ is dark brown purple and longer than that of ‘Wild Rose’, which is dark purple. The leaf blade of ‘Wildberry’ is rounded with shallow lobing while the leaf blade of ‘Wild Rose’ is very slightly elongated and palmate shaped with medium depth lobing. The upper side of the leaf blade of ‘Wildberry’ has strong glossiness while that of ‘Wild Rose’ has absent or very weak glossiness. Colour one on the upper side of the leaf blade of ‘Wildberry’ is dark purple while that of ‘Wild Rose’ ranges between dark purple red to brown red. The flowering part of the flowering stem of ‘Wildberry’ is longer than that of ‘Wild Rose’. The flower bud of ‘Wildberry’ is medium purple to dark blue pink while that of ‘Wild Rose’ is medium to light blue pink. The outer side of the flower is medium purple to light blue pink for ‘Wildberry’ while it is ranging from dark blue pink to white for ‘Wild Rose’.*

Description:

PLANT: medium to dense foliage

PETIOLE: dark brown purple (RHS N186C), medium density pubescence

YOUNG LEAF BLADE (UPPER SIDE): dark purple red (RHS 187D) distributed throughout in a solid or nearly solid pattern over a very large area

LEAF BLADE: roundish length to width ratio, rounded apex, shallow lobing, few shallow indentations of margin, weak undulation of margin, weak rugosity

LEAF BLADE (UPPER SIDE): strong glossiness, absent or very sparse pubescence, colour one is dark purple (RHS N79B-C) distributed between veins throughout in a solid or nearly solid pattern over a medium to large area, colour two is black (RHS N186B) to dark brown purple (RHS N186C) distributed along veins in a solid or nearly solid pattern over a small area

LEAF BLADE (LOWER SIDE): black (RHS N186B), absent or very sparse pubescence

TIME OF FLOWERING: begins mid-season

FLOWERING STEM: upright attitude, dark brown purple (RHS N186C) to dark purple red (RHS N186D), length to width ratio of flowering part moderately to strongly elongated, medium density of flowers

FLOWER BUD: medium purple (RHS 70B) to dark blue pink (RHS 70C)

FLOWER: downwards attitude, medium length, medium width, medium purple (RHS 71B) to light blue pink (RHS 69D) outer side

Origin and Breeding: ‘Wildberry’ originated from a controlled cross conducted by the breeder, Hans Hansen, in Zeeland, Michigan, USA on September 1, 2015. The cross was made between the female parent, a proprietary unnamed hybrid known as breeder code 3-809-01, and the male parent variety ‘Black Pearl’. From the resulting progeny, seeds were collected at Walters Gardens, Inc. in Zeeland, Michigan and sown by the breeder in late 2015. In the spring of 2016, ‘Wildberry’ was selected for its compact plant growth habit. ‘Wildberry’ was first asexually propagated using tissue culture in 2016 in Zeeland, Michigan, USA.

Tests and Trials: The comparative trial for ‘Wildberry’ was conducted outdoors during the summer of 2021 at Variety Rights Management in Oxford Station, Ontario. The trial included 20 plants each of the candidate and reference variety. The plants were grown in 16 cm pots with 40 cm spacing between pots under a galvanized steel structure covered with black mesh shade fabric. The observations and measurements were taken from 10 plants, or 10 parts of plants, of each variety in late June of 2021. All colour determinations were made using the 2015 Royal Horticultural Society (RHS) Colour Chart.

Comparison table for ‘Wildberry’

	‘Wildberry’	‘Wild Rose’*
<i>Petiole length (cm)</i>		
mean	11.4	9.7
std. deviation	1.02	0.85

<i>Colour of petiole (RHS)</i> main	N186C	N79C
<i>Colour of upper side of mature leaf blade (RHS)</i> colour one	N79B-C	between N186D and 178D
<i>Length of flowering part of flowering stem (cm)</i> mean	15.7	11.8
std. deviation	2.58	2.39
<i>Colour of flower bud (RHS)</i> outer side	70B-C	70D to 73D
<i>Colour of flower (RHS)</i> outer side	71B to 69D	N74D to N155C
*reference variety		



Heuchera: 'Wildberry' (left) with reference variety 'Wild Rose' (right)