



APPLICATIONS UNDER EXAMINATION

DAYLILY

DAYLILY (*Hemerocallis*)

Proposed denomination: 'Sound of My Heart'
Application number: 20-10282
Application date: 2020/07/09
Applicant: Walters Gardens, Inc., Zeeland, Michigan, United States of America
Agent in Canada: Variety Rights Management, Oxford Station, Ontario
Breeder: Chris Meyer, Walters Gardens, Inc., Zeeland, Michigan, United States of America

Variety used for comparison: 'Rock Solid'

Summary: *The plants and leaves of 'Sound of My Heart' are larger than those of 'Rock Solid'. The upper side of the leaf blade and the peduncle of 'Sound of My Heart' are medium green while those of 'Rock Solid' are yellow to light green. The flowering scape of 'Sound of My Heart' is longer than that of 'Rock Solid'. The margin of the perianth lobe of 'Sound of My Heart' has a strong degree of waviness while that of 'Rock Solid' has a weak degree of waviness. Across an open flower, the diameter of the perianth for 'Sound of My Heart' is larger than that of 'Rock Solid'.*

Description:

PLANT: vegetatively propagated perennial, arching growth habit, no branching

LEAF: arranged in basal fans, linear shape, broadest part at middle, concave in cross-section, acute apex, no variegation, medium green on upper side, absent or weak undulation of the margin

FLOWERING PERIOD: occurs mid-season, almost continuous, medium to long

PEDUNCLE: medium green

FLOWER: simple type on flowering scape, medium to many, erect to horizontal attitude, single type

PEDICEL: short, light green

PERIANTH: funnel shaped in lateral view

PERIANTH (INNER SIDE): light orange pink (RHS 29D) with light yellow brown (RHS 162D) and dark purple red (RHS 187C/D) along margin, eye is dark purple red (RHS 187C/D), throat is medium yellow green (RHS 154A/B)

PERIANTH (OUTER SIDE): light orange pink (RHS 27C)

LOBE: broad ovate shape, rounded apex

BRACT: medium sized, yellow to light green

FILAMENT: medium to long, yellow orange

ANTHER: yellow brown to purple

POLLEN: yellow orange

STYLE: medium to long, light orange yellow

STIGMA: light orange yellow

Origin and Breeding: 'Sound of My Heart' originated as result of a hybrid cross between female parent variety 'Spiny Sea Urchin' and male parent variety 'Rock Solid' in May 2006 at the research greenhouse in Zeeland, Michigan, USA. In September 2008, initial selections of 'Sound of My Heart' were made based on its plant growth habit, foliage and flower type. In the fall of 2009, the new seedling of 'Sound of My Heart' was divided at Walters Gardens, Inc. in Zeeland, Michigan, USA.

Tests and Trials: The comparative trial of 'Sound of My Heart' was conducted outdoors during the summer of 2023 in Oxford Station, Ontario. The trial included a total of 15 plants each of the candidate and reference variety individually grown in 16 cm pots spaced 40 cm apart. Observations and measurements were taken from 10 plants, or parts of plants, of each variety in July 2023. 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 'Sound of My Heart'

	'Sound of My Heart'	'Rock Solid'*
<i>Plant height (cm)</i>		
mean	43.3	38.5
std. deviation	2.43	1.77
<i>Plant width (cm)</i>		
mean	61.83	56.7
std. deviation	2.99	2.87
<i>Leaf blade length (cm)</i>		
mean	46.4	41.6
std. deviation	0.24	2.13
<i>Leaf blade width (cm)</i>		
mean	2.9	2.5
std. deviation	0.24	0.39
<i>Flowering scape length (cm)</i>		
mean	52.0	45.8
std. deviation	3.61	3.66
<i>Perianth diameter (cm)</i>		
mean	10.1	8.8
std. deviation	0.60	0.53

*reference variety



Daylily: 'Sound of My Heart' (left) with reference variety 'Rock Solid' (right)



Daylily: 'Sound of My Heart' (left) with reference variety 'Rock Solid' (right)