



APPLICATIONS UNDER EXAMINATION

ROSE OF SHARON

ROSE OF SHARON
(Hibiscus syriacus)

Proposed denomination: 'THEISSHSSTL'
Trade name: Sugar Tip Gold
Application number: 18-9539
Application date: 2018/06/25
Applicant: Spring Meadow Nursery, Inc., Grand Haven, Michigan, United States of America
Agent in Canada: BioFlora Inc., St. Thomas, Ontario
Breeder: Daryl Theiss, Normangee, Texas, United States of America

Variety used for comparison: 'America Irene Scott' (Sugar Tip)

Summary: *The plants of 'THEISSHSSTL' are shorter than those of 'America Irene Scott'. The plants of 'THEISSHSSTL' have a medium density of branching whereas those of 'America Irene Scott' have dense branching. The base of the leaf blade of 'THEISSHSSTL' is obtuse while that of 'America Irene Scott' is acute. The leaf blade of 'THEISSHSSTL' has an absent or weak degree of undulation of the margin whereas that of 'America Irene Scott' has a moderate degree of undulation of the margin. The inner side of the petal of 'THEISSHSSTL' is light violet while that of 'America Irene Scott' is light blue pink. The petal of 'THEISSHSSTL' has a medium degree of incisions whereas that of 'America Irene Scott' has an absent or weak degree of incisions.*

Description:

PLANT: upright growth habit, medium density of branching
 CURRENT YEAR BRANCH: brownish

LEAF BLADE: very elongated length to width ratio, obtuse base, upper side medium green, absent or very shallow to shallow lobing, absent or weak undulation of margin, few incisions of margin, yellow and green variegation with larger yellow area

FLOWER: semi-double, medium number of petaloid stamens

OUTERMOST PETALS: horizontal attitude

PETAL: moderately elongated shape, inner side light violet (RHS 76A), no secondary colour, medium degree of incisions of margin, weak to medium degree of undulation of margin

EYE ZONE: small relative to petals, absent or very short to short extensions, dark purple red (RHS 53A and RHS 60B)

Origin and Breeding: 'THEISSHSSTL' was discovered as a naturally occurring branch mutation of an un-named *Hibiscus syriacus* variety in May 2008 in Humble, Texas, USA. 'THEISSHSSTL' was selected based on plant growth habit, leaf variegation, as well as flower type, colour and sterility. Asexual reproduction of 'THEISSHSSTL' was first conducted by softwood stem cuttings in September 2008 in Humble, Texas, USA.

Tests and Trials: The comparative trial for 'THEISSHSSTL' was conducted in an outdoor irrigated container trial during the spring and summer of 2023 in St. Thomas, Ontario. The trial included 10 plants each of the candidate and reference variety. All plants were grown from 5.7 cm liners, transplanted into 7.6-liter containers in summer 2021 and overwintered in an unheated polyhouse. Observations and measurements were taken from 10 plants, or 10 parts of plants each of the candidate and reference variety on August 16, 2023. Mean differences were significant at the 5% confidence probability level based on a paired Student's t-test. All colour determinations were made using the 2015 Royal Horticultural Society (RHS) Colour Chart.

Comparison table for 'THEISSHSSTL'

	'THEISSHSSTL'	'America Irene Scott**'
<i>Plant height (cm)</i>		
mean	29.0	41.2
std. deviation	6.97	6.00

Colour of inner side of petal (RHS)

main

76A

69A-B

*variétés de référence



Rose of Sharon: 'THEISSHSSTL' (left) with reference variety 'America Irene Scott' (right)



Rose of Sharon: 'THEISSHSSTL' (left) with reference variety 'America Irene Scott' (right)



Rose of Sharon: 'THEISSHSSTL' (left) with reference variety 'America Irene Scott' (right)