



APPLICATIONS UNDER EXAMINATION

HIBISCUS

HIBISCUS (*Hibiscus*)

Proposed denomination: 'MINSYBV3S01'
Trade name: Paraplu Violet
Application number: 20-10272
Application date: 2019/12/03 (priority claimed)
Applicant: Spring Meadow Nursery, Inc., Grand Haven, Michigan, United States of America
Agent in Canada: BioFlora Inc., St. Thomas, Ontario
Breeder: Patrick Pineau, Beaufort-en-Vallée, France

Variety used for comparison: 'DVPazurri' (Azurri Blue Satin)

Summary: *The plants of 'MINSYBV3S01' have a semi-upright growth habit while those of 'DVPazurri' have an upright growth habit. The plants of 'MINSYBV3S01' have a medium density of branching while those of 'DVPazurri' have sparse branching. The petiole of 'MINSYBV3S01' is shorter than that of 'DVPazurri'. The leaf blade of 'MINSYBV3S01' is narrower than that of 'DVPazurri'. The leaf blade of 'MINSYBV3S01' has an obtuse base while the leaf blade of 'DVPazurri' has an acute base. The leaf blade of 'MINSYBV3S01' has a medium to deep degree of lobing while that of 'DVPazurri' has shallow lobing. The leaf blade margin of 'MINSYBV3S01' has few incisions while that of 'DVPazurri' has a medium number of incisions. The outermost petals on the flower of 'MINSYBV3S01' have a strongly ascending attitude whereas those of 'DVPazurri' have a horizontal to recurving attitude. The eye zone of 'MINSYBV3S01' is dark purple red whereas it is dark purple for 'DVPazurri'. The upper side of the petal of 'MINSYBV3S01' is mainly dark blue violet with medium violet blue towards the centre and base of the petal while that of 'DVPazurri' is light violet blue with no secondary colour.*

Description:

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

LEAF BLADE: moderately elongated length to width ratio, obtuse base, upper side medium green, medium to deep degree of lobing, absent or weak degree of undulation of margin, few incisions, no variegation

FLOWER: single, small eye zone relative to the petals

OUTERMOST PETALS: strongly ascending attitude, moderately overlapping

PETAL: moderately elongated shape, inner side dark blue violet (RHS 93C), medium violet blue (RHS 94C) secondary colour towards the centre and the base of the petal, absent or weak incisions along margin, absent or very weak degree of undulation of margin

EYE ZONE: long extensions, dark purple red (RHS 59A)

Origin and Breeding: 'MINSYBV3S01' originated from an open pollinated cross that occurred in July 2007 in La Menitre, Maine et Loire, France between an unnamed proprietary seedling as the female parent, and an unknown male parent. 'MINSYBV3S01' was selected in October 2010 based on plant growth habit, flower size and flower colour. Asexual reproduction of the variety was first conducted by softwood cuttings in February 2011 in La Menitre, Maine et Loire, France.

Tests and Trials: The comparative trials for 'MINSYBV3S01' were conducted in an outdoor irrigated container trial during the spring and summer 2022 in St. Thomas, Ontario. The trial included 12 plants of the candidate and reference variety. All plants were grown in 6.4 cm liners and planted into 7.6 litre containers in the summer of 2021. The plants were overwintered in an un-heated polyhouse. Observations and measurements were taken from 10 plants, or 10 parts of plants on August 16, 2022. 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 'MINSYBV3S01'

	'MINSYBV3S01'	'DVPazurri'*
<i>Petiole length (cm)</i>		
mean	0.6	1.3
std. deviation	0.08	0.24
<i>Leaf blade width (cm)</i>		
mean	3.2	4.3
std. deviation	0.19	0.36
<i>Eye zone colour (RHS)</i>		
main	59A	71A
<i>Colour of inner side of petal (RHS)</i>		
main	93C	93D
secondary	94C	n/a

*reference variety



Hibiscus: 'MINSYBV3S01' (left) with reference variety 'DVPazurri' (right)



Hibiscus: 'MINSYBV3S01' (left) with reference variety 'DVPazurri' (right)

Proposed denomination: 'MINSYWHI07'
Trade name: Paraplu Pink Ink
Application number: 20-10273
Application date: 2019/12/03 (priority claimed)
Applicant: Spring Meadow Nursery, Inc., Grand Haven, Michigan, United States of America
Agent in Canada: BioFlora Inc., St. Thomas, Ontario
Breeder: Patrick Pineau, Beaufort-en-Vallée, France

Variety used for comparison: 'Antong Two' (Lil Kim)

Summary: *The petiole of 'MINSYWHI07' is longer than that of 'Antong Two'. The leaf blade of 'MINSYWHI07' is wider than that of 'Antong Two'. The leaf blade of 'MINSYWHI07' has a slightly elongated length to width ratio whereas that of 'Antong Two' has a very elongated length to width ratio. The leaf blade of 'MINSYWHI07' has a rounded base while the leaf blade of 'Antong Two' has an acute base. The leaf blade of 'MINSYWHI07' has a medium degree of lobing while that of 'Antong Two' has absent or very shallow lobing. The outermost petals on the flower of 'MINSYWHI07' have a strongly ascending attitude whereas those of 'Antong Two' have a horizontal attitude. The flower of 'MINSYWHI07' is wider than that of 'Antong Two'. The eye zone of 'MINSYWHI07' is small relative to the petals whereas it is large relative to the petals for 'Antong Two'. The eye zone of 'MINSYWHI07' has long extensions while that of 'Antong Two' has short extensions. The petal of 'MINSYWHI07' is longer than that of 'Antong Two'. The inner side of the petal of 'MINSYWHI07' has a light violet secondary colour whereas that of 'Antong Two' has no secondary colour.*

Description:

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

LEAF BLADE: slightly elongated length to width ratio, rounded base, upper side medium green, medium degree of lobing, absent or weak degree of undulation of margin, few incisions, no variegation

FLOWER: single, small eye zone relative to the petals

OUTERMOST PETALS: strongly ascending attitude, strongly overlapping

PETAL: slightly to moderately elongated shape, inner side white (closest to RHS NN155D), light violet (RHS 75C) secondary colour throughout petal, no incisions along margin, absent or very weak degree of undulation of margin

EYE ZONE: long extensions, dark purple red (closest to RHS 187C-D)

Origin and Breeding: ‘MINSYWHI07’ originated from a hybrid cross conducted in July 2008 in La Menitre, Maine et Loire, France between an unnamed proprietary seedling as the female parent, and the male parent ‘Minrosa’. ‘MINSYWHI07’ was selected in September 2012 based on foliage colour, plant growth habit, flower size and flower colour. Asexual reproduction of the variety was first conducted by softwood cuttings in February 2013 in La Menitre, Maine et Loire, France.

Tests and Trials: The comparative trials for ‘MINSYWHI07’ were conducted in an outdoor irrigated container trial during the spring and summer 2023 in St. Thomas, Ontario. The trial included 10 plants of the candidate and reference variety. All plants were grown in 6.4 cm liners and planted into 7.6 litre containers in summer 2021. The plants were overwintered in an un-heated polyhouse. Observations and measurements were taken from 10 plants, or 10 parts of plants on August 24, 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 ‘MINSYWHI07’

	‘MINSYWHI07’	‘Antong Two’*
<i>Petiole length (cm)</i>		
mean	2.3	0.4
std. deviation	0.59	0.14
<i>Leaf blade width (cm)</i>		
mean	4.3	2.3
std. deviation	0.49	0.43
<i>Flower diameter (cm)</i>		
mean	9.9	6.9
std. deviation	0.54	0.62
<i>Petal length (cm)</i>		
mean	5.8	3.5
std. deviation	0.33	0.27
<i>Colour of inner side of petal (RHS)</i>		
secondary	75C	n/a

*reference variety



Hibiscus: ‘MINSYWHI07’ (left) with reference variety ‘Antong Two’ (right)



Hibiscus: 'MINSYWHI07' (left) with reference variety 'Antong Two' (right)



Hibiscus: 'MINSYWHI07' (left) with reference variety 'Antong Two' (right)