



APPLICATIONS UNDER EXAMINATION

HYDRANGEA

HYDRANGEA
(Hydrangea)

Proposed denomination: 'HBA749077'
Application number: 04-4232
Application date: 2004/06/16
Applicant: Hydrangea Breeders Association b.v., De Kwakel, The Netherlands
Agent in Canada: BioFlora Inc., St. Thomas, Ontario
Breeder: Niels Arts, Aalsmeer, The Netherlands

Variety used for comparison: 'Mars'

Summary: *The leaf blade of 'HBA749077' is shorter and narrower than the leaf blade of 'Mars'. The petiole of 'HBA749077' is shorter than the petiole of 'Mars'. The inflorescence of 'HBA749077' has a taller height than the inflorescence of 'Mars'. The sterile flower of 'HBA749077' has a smaller calyx diameter than the sterile flower of 'Mars'. The sterile flower of 'HBA749077' has incisions present on some of the sepals while the sterile flower of 'Mars' has no incisions on the margin of the sepals.*

Description:

PLANT: non-climbing, upright growth habit
 STEM: no fasciation, green

LEAF: no lobing, elliptic, medium to long tip, acute to obtuse base, shallow to medium depth margin incisions, no variegation, medium green, moderate glossiness on upper side, weak blistering

INFLORESCENCE: early flowering, globular shape, fertile flowers inconspicuous or slightly inconspicuous

STERILE FLOWER: single, medium overlapping of sepals

STERILE FLOWER SEPALS : broad acute apex, incisions present on margin of some sepals, sepals blue pink (RHS 73B) with blue pink (RHS 63B) at base and along veins, ages to light blue pink (RHS 73C) along margin with blue pink (RHS 63B-C) at base

FERTILE FLOWERS: petals pink.

Origin and Breeding: The hydrangea variety 'HBA749077' originated from a cross made in Aalsmeer, The Netherlands in July 1999. The objectives of the breeding program were to create new hydrangea varieties with attractive flower colour and no vernalization requirement. The new variety was selected by the breeder in March 2001 in Glandorf, Germany. Propagation by vegetative cuttings was first conducted in March 2003 in Glandorf, Germany.

Tests and Trials: Trials for 'HBA749077' were conducted in polyhouse during the spring of 2010 in St. Thomas, Ontario. The trial included 10 plants of the candidate variety and reference variety. All plants were grown from cuttings rooted April 2008, and transplanted into 15 cm pots in May 2008. All plants were transplanted to 1 gallon containers in the spring of 2009. Observations and measurements were taken from 10 plant parts of each variety on June 16, 2010. All colour determinations were made using the 2007 Royal Horticultural Society (RHS) Colour Chart.

Comparison table for 'HBA749077'

	'HBA749077'	'Mars'*
<i>Leaf blade length (cm)</i>		
mean	11.2	14.8
std. deviation	1.02	1.07
<i>Leaf blade width (cm)</i>		
mean	7.1	10.1
std. deviation	0.89	0.63

Petiole length (cm)

mean	1.5	2.2
std. deviation	0.19	0.31

Inflorescence height (cm)

mean	6.8	5.2
std. deviation	0.20	0.60

Sterile flower diameter (mm)

mean	5.2	6.1
std. deviation	0.35	0.47

*reference variety



Hydrangea: 'HBA749077' (left) with reference variety 'Mars' (right)



Hydrangea: 'HBA749077' (left) with reference variety 'Mars' (right)

HYDRANGEA
(*Hydrangea macrophylla*)

Proposed denomination: 'Lynn'
Trade name: Let's Dance Starlight
Application number: 07-5970
Application date: 2007/07/13
Applicant: Spring Meadow Nursery, Inc., Grand Haven, Michigan, United States of America
Agent in Canada: BioFlora Inc., St. Thomas, Ontario
Breeder: Timothy D. Wood, Spring Lake, Michigan, United States of America

Variety used for comparison: 'Bailmer' (Endless Summer)

Summary: *The leaf blade of 'Lynn' is shorter than the leaf blade of 'Bailmer'. The inflorescence of 'Lynn' is flattened in shape while the inflorescence of 'Bailmer' is globular. The inflorescence of 'Lynn' has a shorter height and larger diameter than the inflorescence of 'Bailmer'. The sepals on the sterile flower of 'Lynn' are purple red with violet along the margin and lighter purple red at the base while the sepals of 'Bailmer' are blue pink with violet along the margin and white at the base.*

Description:

PLANT: non-climbing, upright growth habit
STEM: no fasciation, green, medium number of red lenticels in spring

LEAF: no lobing, elliptic, medium length tip, acute and obtuse base, shallow to medium depth margin incisions, no variegation, medium green, moderate glossiness on upper side, weak blistering

INFLORESCENCE: early flowering, flattened shape, fertile flowers very conspicuous, sterile flowers in two or more whorls
STERILE FLOWER: single, weak to medium overlapping of sepals

STERILE FLOWER SEPALS : incisions present on margin of some sepals, newly opened sepals blue pink (RHS 64C) with light yellow (RHS 4D) at base, mature sepals purple red (RHS N57D) with violet (RHS 75A-B) along margins and undertones of purple red (RHS N57D) at base.

Origin and Breeding: The hydrangea variety 'Lynn' originated from an open pollination made in Grand Haven, Michigan, USA in July 2003. The pollination was between the female parent 'Bailmer' and an unknown male parent. The new variety was selected from the progeny in May 2005, based on criteria for foliage colour, flowering on new growth without vernalization, inflorescence size and flower colour. Propagation by softwood cuttings was first conducted in June 2005 in Grand Haven, Michigan, USA.

Tests and Trials: Trials for 'Lynn' were conducted in a polyhouse and outdoors during the spring and summer of 2010 in St. Thomas, Ontario. The trial included 15 plants of the candidate variety and 10 of the reference variety. All plants were grown from 10 cm rooted liners which were transplanted into 2 gallon containers on June 3, 2007 and in 3 gallon containers on June 2, 2008. Observations and measurements were taken from 10 plants of each variety on May 31, 2010. All colour determinations were made using the 2007 Royal Horticultural Society (RHS) Colour Chart.

Comparison table for 'Lynn'

	'Lynn'	'Bailmer'
<i>Leaf blade length (cm)</i>		
mean	11.0	15.0
std. deviation	0.84	1.20
<i>Inflorescence height (cm)</i>		
mean	3.6	5.0
std. deviation	0.77	0.53
<i>Inflorescence diameter (cm)</i>		
mean	17.2	13.5
std. deviation	1.88	2.21
<i>Colour of sepal on sterile flower (RHS)</i>		
newly opened	64C with 4D at base	N74D with 4D at base
fully opened	N57D, fading to N66D, N57D at base	N74D with NN155C at base

*reference variety



Hydrangea: 'Lynn' (left) with reference variety 'Bailmer' (right)



Hydrangea: 'Lynn' (left) with reference variety 'Bailmer' (right)

Proposed denomination:	'Robert'
Trade name:	Let's Dance Moonlight
Application number:	07-5971
Application date:	2007/07/13
Applicant:	Spring Meadow Nursery, Inc., Grand Haven, Michigan, United States of America
Agent in Canada:	BioFlora Inc., St. Thomas, Ontario
Breeder:	Timothy D. Wood, Spring Lake, Michigan, United States of America

Variety used for comparison: 'Bailmer' (Endless Summer)

Summary: *The leaves of 'Robert' are smaller than the leaves of 'Bailmer'. The sterile sepal of 'Robert' is blue pink to light blue pink while the sterile sepal of 'Bailmer' is blue pink with violet along the margin.*

Description:

PLANT: non-climbing, upright to semi-upright growth habit

STEM: no fasciation, green, absent or a few red lenticels in spring

LEAF: no lobing, elliptic, medium length tip, acute and obtuse base, shallow to medium depth margin incisions, no variegation, medium to dark green, moderate glossiness on upper side, weak blistering

INFLORESCENCE: early flowering, globular shape, fertile flowers inconspicuous or slightly inconspicuous

STERILE FLOWER: single, weak to medium overlapping of sepals

STERILE FLOWER SEPALS : incisions present on margin of some sepals, sepals blue pink (RHS 65A) to light blue pink (RHS 65B) with white (RHS 155B) at base.

Origin and Breeding: The hydrangea variety 'Robert' originated from an open pollination made in Grand Haven, Michigan, USA in July 2003. The pollination was between the female parent 'Bailmer' and an unknown male parent. The new variety was selected from the progeny in May 2005, based on criteria for foliage colour, flowering on new growth without vernalization, inflorescence size and flower colour. Propagation by softwood cuttings was first conducted in June 2005 in Grand Haven, Michigan, USA.

Tests and Trials: Trials for ‘Robert’ were conducted in an outdoor container trial during the spring of 2010 in St. Thomas, Ontario. The trial included 10 plants of the candidate variety and reference variety. All plants were grown from rooted cuttings which were transplanted into 3 gallon containers in the spring of 2010. Observations and measurements were taken from 10 plants of each variety on May 31, 2010. All colour determinations were made using the 2007 Royal Horticultural Society (RHS) Colour Chart.

Comparison table for ‘Robert’

	‘Robert’	‘Bailmer’*
<i>Leaf blade length (cm)</i>		
mean	8.1	15.0
std. deviation	0.99	1.20
<i>Leaf blade width (cm)</i>		
mean	5.1	8.0
std. deviation	0.59	0.85
<i>Colour of sepal (RHS)</i>		
upper side	65A-B, 155B at base	N74D with 75A-B along margin, NN155C at base

*reference variety



Hydrangea: ‘Robert’ (left) with reference variety ‘Bailmer’ (right)



Hydrangea: 'Robert' (left) with reference variety 'Bailmer' (right)

Proposed denomination: 'Youmenine'
Trade name: Romance
Application number: 05-4937
Application date: 2005/06/02
Applicant: Ryoji Irie, Ukyoku, Kyoto, Japan
Agent in Canada: BioFlora Inc., St. Thomas, Ontario
Breeder: Ryoji Irie, Ukyoku, Kyoto, Japan

Variety used for comparison: 'Youmethree' (Emotion)

Summary: *The plants of 'Youmenine' are shorter than the plants of 'Youmethree'. The leaf blade of 'Youmenine' is shorter and narrower than the leaf blade of 'Youmethree'. The leaf blade margin of 'Youmenine' has shallow incisions while the leaf blade of 'Youmethree' has medium depth incisions. The sterile flower of 'Youmenine' has darker blue pink sepal colour than the sterile flower of 'Youmethree'.*

Description:

PLANT: non-climbing, broad upright growth habit

STEM: no fasciation, green, medium number of dark red lenticels in spring

LEAF: no lobing, short tip, rounded base, shallow margin incisions, no variegation, dark green, weak glossiness on upper side, no blistering

INFLORESCENCE: early flowering, globular shape, fertile flowers slightly inconspicuous

STERILE FLOWER: double, medium overlapping of sepals

STERILE FLOWER SEPALS : no incisions on margin, outer sepals light blue pink (RHS 62C) with lighter blue pink (RHS 62D) at mid vein area, inner sepals light blue pink (RHS 62B), central sepals yellow green (RHS 2D).

Origin and Breeding: The hydrangea variety 'Youmenine' originated from a pollination made in Kyoto, Japan in May 1993. The female parent was an unnamed plant from the breeder's collection and the male parent was the variety

'Sumidanohanabi'. The variety was selected from the cross in June 1994, based on criteria for flower colour, flower appearance and inflorescence development traits. Propagation of the variety by vegetative cuttings was first conducted in the spring of 1995 in Kyoto, Japan.

Tests and Trials: Trials for 'Youmenine' were conducted in a polyhouse during the winter and spring of 2010 in St. Thomas, Ontario. The trial included 10 plants of the candidate variety and reference variety. All plants were grown from unrooted cuttings that were rooted in the early spring of 2009 and grown in St. Catharines, Ontario. All plants were finished in St. Thomas, Ontario in the spring of 2010. Observations and measurements were taken from 10 plant parts of each variety on May 6, 2010. All colour determinations were made using the 2007 Royal Horticultural Society (RHS) Colour Chart.

Comparison table for 'Youmenine'

	'Youmenine'	'Youmethree**'
<i>Plant height (cm)</i>		
mean	17.4	24.4
std. deviation	1.70	1.94
<i>Leaf blade length (cm)</i>		
mean	9.5	11.8
std. deviation	0.48	0.50
<i>Leaf blade width (cm)</i>		
mean	6.9	9.5
std. deviation	0.24	0.47
<i>Inflorescence diameter (cm)</i>		
mean	14.2	17.3
std. deviation	1.39	1.02
<i>Colour of sepal on sterile flower (RHS)</i>		
outer sepal	62C with 62D at midvein	69B-C
inner sepal	62B	69A
central sepal	2D	4D, 1C when newly opened

*reference variety



Hydrangea: 'Youmenine' (left) with reference variety 'Youmethree' (right)



Hydrangea: 'Youmenine' (left) with reference variety 'Youmethree' (right)

Proposed denomination: 'Youmeone'
Trade name: Forever
Application number: 05-4933
Application date: 2005/06/02
Applicant: Ryoji Irie, Ukyoku, Kyoto, Japan
Agent in Canada: BioFlora Inc., St. Thomas, Ontario
Breeder: Ryoji Irie, Ukyoku, Kyoto, Japan

Variety used for comparison: 'Youmethree' (Emotion)

Summary: *The plants of 'Youmeone' produce a lower number of branches than the plants of 'Youmethree'. The leaf blade of 'Youmeone' is medium green while the leaf blade of 'Youmethree' is dark green.*

Description:

PLANT: non-climbing, broad upright growth habit

STEM: no fasciation, green, few reddish brown lenticels in spring

LEAF: no lobing, medium length tip, weakly cordate base, medium depth margin incisions, no variegation, medium green, weak glossiness on upper side, weak blistering

INFLORESCENCE: early flowering, globular shape, fertile flowers slightly inconspicuous

STERILE FLOWER: double, medium overlapping of sepals

STERILE FLOWER SEPALS : incisions present on margin of some sepals, outer sepals light blue pink to light blue violet (RHS 69B-C), inner sepals light blue pink (RHS 69A-B), central sepals light yellow (RHS 4D).

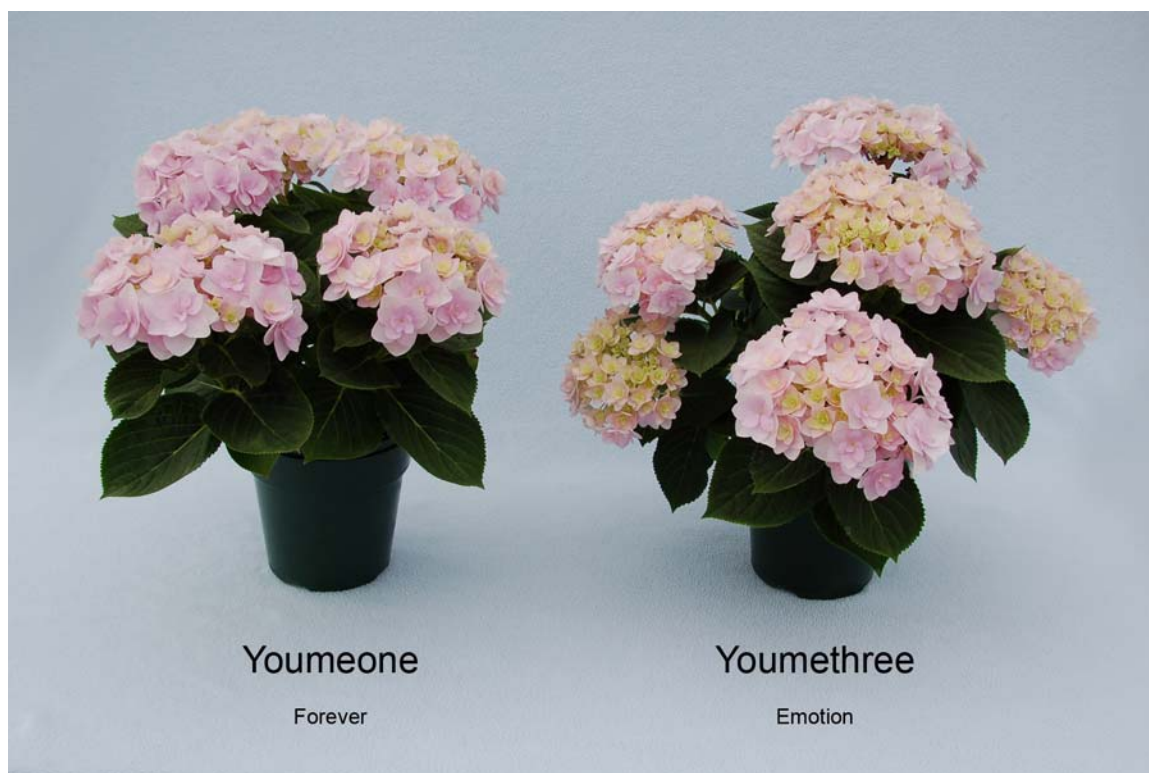
Origin and Breeding: The hydrangea variety 'Youmeone' originated from a pollination made in Kyoto, Japan in May 1993. The female parent was an unnamed plant from the breeder's collection and the male parent was the variety 'Sumidano Hanabi'. The variety was selected from the cross in June 1994, based on criteria for flower colour, flower appearance and inflorescence development traits. Propagation of the variety by vegetative cuttings was first conducted in the spring of 1995 in Kyoto, Japan.

Tests and Trials: Trials for 'Youmeone' were conducted in polyhouse during the winter and spring of 2010 in St. Thomas, Ontario. The trial included 10 plants of the candidate variety and reference variety. All plants were grown from unrooted cuttings that were rooted in the early spring of 2009 and grown in St. Catharines, Ontario. All plants were finished in St. Thomas, Ontario in the spring of 2010. Observations and measurements were taken from 10 plant parts of each variety on May 6, 2010. All colour determinations were made using the 2007 Royal Horticultural Society (RHS) Colour Chart.

Comparison table for 'Youmeone'

	'Youmeone'	'Youmethree'*
<i>Number of branches</i>		
mean	4.3	6.6
std. deviation	0.50	1.81

*reference variety



Hydrangea: 'Youmeone' (left) with reference variety 'Youmethree' (right)



Hydrangea: 'Youmeone' (left) with reference variety 'Youmethree' (right)