



APPLICATIONS UNDER EXAMINATION

OSTEOSPERMUM

OSTEOSPERMUM
(Osteospermum ecklonis)

Proposed denomination: 'Balslerlem'
Trade name: Serenity Lemonade
Application number: 09-6552
Application date: 2009/03/16
Applicant: Ball Horticultural Company, West Chicago, Illinois, United States of America
Agent in Canada: BioFlora Inc., St. Thomas, Ontario
Breeder: Linda Laughner, Ball Horticultural Company, Santa Paula, California, United States of America

Varieties used for comparison: 'Oste Yel' (Tradewinds Pure Yellow) and 'Tra Yelbic' (Tradewinds Yellow Bicolor)

Summary: *The leaf blade of 'Balslerlem' has deep margin indentations while the leaf blade of 'Oste Yel' has very deep indentations and the leaf of 'Tra Yelbic' has very shallow to shallow indentations. The flower head of 'Balslerlem' is smaller than the flower head of 'Oste Yel' and larger than the flower head of 'Tra Yelbic'. The upper side of the ray floret of 'Balslerlem' is a lighter yellow colour than the ray floret of 'Oste Yel. The ray floret of 'Balslerlem' has one colour while the ray floret of 'Tra Yelbic' has two colours. The disc florets are light grey with blue tips for 'Balslerlem' while they are yellow green for the reference varieties.*

Description:

PLANT SHOOTS: erect

LEAF: deep margin indentations, no variegation, medium green on upper side

FLOWER: no paracorolla

RAY FLORET: rounded apex, no inward rolling of longitudinal margins, upper side of young ray floret light yellow (RHS 8B) with lighter yellow (RHS 8C) towards base and yellow (RHS 9A) at apex, upper side of mature ray floret light yellow (RHS 8D) at basal zone, main colour light yellow (RHS 8C) with yellow (RHS 8A) at apex, lighter towards base, lower side light yellow with pale green stripes

DISC: light grey with blue tips.

Origin and Breeding: The variety 'Balslerlem' originated from a self pollination conducted in June 2006 at Santa Paula, California, USA. The female parent was a proprietary breeding selection designated 10925-1, characterized by its bright yellow flower colour, medium green foliage colour and upright growth habit. The initial selection was made in February 2007 and asexual propagation since that time has been through the use of vegetative cuttings. The variety was selected for its yellow flower colour and compact well branched growth habit.

Tests and Trials: Trials for 'Balslerlem' were conducted in a polyhouse during the spring of 2010 in St. Thomas, Ontario. The trial included a total of fifteen plants of the candidate and reference varieties. Rooted cuttings were transplanted into 11 cm pots on April 28, 2010. Observations and measurements were taken from ten plants or parts of plants on June 15, 2010. All colour determinations were made using the 2007 Royal Horticultural Society (RHS) Colour Chart.

Comparison table for 'Balslerlem'

	'Balslerlem'	'Oste Yel'*	'Tra Yelbic**
<i>Flower head diameter (cm)</i>			
mean	7.1	8.4	6.2
std. deviation	0.20	0.57	0.29
<i>Colour of young ray floret (RHS)</i>			
upper side	8B with 8C at base, 9A at tip	12B with 12A in streaks and along margin	N155B with 10D towards apex, 12A at tip

Colour of upper side of ray floret (RHS)

basal zone	8D	8B	NN155B
main	8C with 8A at apex	12B, streaked with 12A	10C, streaked with 10A

*reference varieties



Osteospermum: 'Balslerlem' (left) with reference varieties 'Oste Yel' (centre) and 'Tra Yelbic' (right)



Osteospermum: 'Balslerlem' (left) with reference varieties 'Oste Yel' (centre) and 'Tra Yelbic' (right)

Proposed denomination: 'Balvoyelo'
Trade name: Voltage Yellow
Application number: 09-6554
Application date: 2009/03/16
Applicant: Ball Horticultural Company, West Chicago, Illinois, United States of America
Agent in Canada: BioFlora Inc., St. Thomas, Ontario
Breeder: Linda Laughner, Ball Horticultural Company, Santa Paula, California, United States of America

Variety used for comparison: 'Seikilrem' (Symphony Lemon)

Summary: *The plants of 'Balvoyelo' are taller than the plants of 'Seikilrem'. The upper side of the ray floret on the newly opened flower head of 'Balvoyelo' is yellow in colour while the ray floret of 'Seikilrem' is yellow orange streaked with light yellow. The ray floret of 'Balvoyelo' has a rounded apex while the ray floret of 'Seikilrem' has an acute apex. The upper side of the fully opened ray floret of 'Balvoyelo' is yellow while the ray floret of 'Seikilrem' is yellow orange with white then violet and blue violet around the disc. The disc of 'Balvoyelo' is larger in diameter and yellow green in colour while the disc of 'Seikilrem' is smaller and dark grey to purple in colour.*

Description:

PLANT SHOOTS: semi-erect

LEAF: shallow margin indentations, no variegation, medium green on upper side

FLOWER: no paracorolla

RAY FLORET: rounded apex, no inward rolling of longitudinal margins, upper side of young ray floret yellow (RHS 6A) with lighter yellow streaks, upper side of mature ray floret yellow (RHS 5A), lower side light yellow with streaks of yellow green

DISC: yellow green.

Origin and Breeding: The variety 'Balvoyelo' originated from a cross pollination conducted in August 2006 at Santa Paula, California, USA. The female parent was a proprietary breeding selection designated 10512-1, characterized by its light yellow flower colour, medium green foliage colour and upright growth habit. The male parent was a proprietary selection designated 10013-1, characterized by its bright yellow flower colour, medium green foliage colour and trailing growth habit. The initial selection was made in February 2007 and asexual propagation since that time has been through the use of vegetative cuttings. The variety was selected for its bright yellow flower colour and floriferousness.

Tests and Trials: Trials for 'Balvoyelo' were conducted in a polyhouse during the spring of 2010 in St. Thomas, Ontario. The trial included a total of fifteen plants of the candidate and reference varieties. Rooted cuttings were transplanted into 11 cm pots on April 28, 2010. Observations and measurements were taken from ten plants or parts of plants on June 9, 2010. All colour determinations were made using the 2007 Royal Horticultural Society (RHS) Colour Chart.

Comparison table for 'Balvoyelo'

	'Balvoyelo'	'Seikilrem'*
<i>Plant height (cm)</i>		
mean	26.9	21.1
std. deviation	1.56	2.01
<i>Colour of newly opened of ray floret (RHS)</i>		
upper side	6A with streaks of 6B	13C with streaks of 11C
<i>Colour of fully opened ray floret (RHS)</i>		
main	5A	11A with streaks of 13C
secondary	N/A	75A and N89C at base, NN155C between main colour and base colour
<i>Disc diameter (cm)</i>		
mean	1.5	1.1
std. deviation	0.07	0.06

*reference variety



Balvoyelo

Voltage Yellow

Seikilrem

Symphony Lemon

Osteospermum: 'Balvoyelo' (left) with reference variety 'Seikilrem' (right)



Balvoyelo

Seikilrem

Osteospermum: 'Balvoyelo' (left) with reference variety 'Seikilrem' (right)

Proposed denomination: 'KLEOE08125'
Trade name: FlowerPower Compact Pink
Application number: 08-6256
Application date: 2008/03/31
Applicant: Nils Klemm, Stuttgart, Germany
Agent in Canada: BioFlora Inc., St. Thomas, Ontario
Breeder: Nils Klemm, Stuttgart, Germany
 Andrea Dohm, Pforzheim, Germany

Variety used for comparison: 'KLEOE04109' (FlowerPower Pink)

Summary: *The plants of 'KLEOE08125' are shorter than the plants of 'KLEOE04109'. The upper side of the ray floret of 'KLEOE08125' is blue pink with purple at the tip and blue pink with white tones at the base while the ray floret of 'KLEOE04109' is violet with light blue violet and white at the base. The lower side of the ray floret of 'KLEOE08125' is light violet with violet blue and purple longitudinal stripes while the lower side of the ray floret of 'KLEOE04109' is yellow and light violet with violet blue and brown purple longitudinal stripes.*

Description:

PLANT SHOOTS: semi-erect

LEAF: shallow margin indentations, no variegation, medium green on upper side

FLOWER: no paracorolla

RAY FLORET: rounded apex, no inward rolling of longitudinal margins, upper side of newly opened floret white (RHS NN155C) with diffuse stripes of light blue violet (RHS 76A) and violet (RHS 77A-B) at tip, upper side of mature floret blue pink (RHS 72C) with purple (RHS 72A) at tip, fading towards base to blue pink (RHS 72D) with white tones, lower side light violet with violet-blue and purple longitudinal stripes

DISC: violet.

Origin and Breeding: The variety 'KLEOE08125' originated from a pollination made in Stuttgart, Germany in July 2002. The cross was between the variety 'Flower Power Amethyst and a proprietary seedling designated SA 002. Approximately 500 seedlings were selected based on criteria for compact growth habit, early flowering and good branching. One of these seedlings was designated 'KLEOE08125'. The variety was evaluated in greenhouse trials in Stuttgart and assessed for early flowering, compact growth habit, flower colour and good branching. Outdoor trials were conducted to assess plant vigour and abundant continuous flowering.

Tests and Trials: Trials for 'KLEOE08125' were conducted in a polyhouse during the summer of 2010 in St. Thomas, Ontario. The trial included a total of fifteen plants of the candidate and reference varieties. Rooted cuttings were transplanted into 11 cm pots on August 5, 2010. Observations and measurements were taken from ten plants or parts of plants on September 24, 2010. All colour determinations were made using the 2007 Royal Horticultural Society (RHS) Colour Chart.

Comparison table for 'KLEOE08125'

	'KLEOE08125'	'KLEOE04109'*
<i>Plant height (cm)</i>		
mean	20.4	26.4
std. deviation	1.49	1.31
<i>Colour of upper side of ray floret (RHS)</i>		
main	72C with 72A at tip	77A-B
base	shading to 72D with white tones	shading to 76D with white tones

*reference variety



Osteospermum: 'KLEOE08125' (left) with reference variety 'KLEOE04109' (right)



Osteospermum: 'KLEOE08125' (left) with reference variety 'KLEOE04109' (right)



Osteospermum: 'KLEOE08125' (left) with reference variety 'KLEOE04109' (right)

Proposed denomination: 'KLEOE08161'
Trade name: Zion Orange
Application number: 08-6258
Application date: 2008/03/31
Applicant: Nils Klemm, Stuttgart, Germany
Agent in Canada: BioFlora Inc., St. Thomas, Ontario
Breeder: Nils Klemm, Stuttgart, Germany
 Andrea Dohm, Pforzheim, Germany

Variety used for comparison: 'KLEOE06150' (FlowerPower Bronze)

Summary: *The plants of 'KLEOE08161' have erect shoots while the plants of 'KLEOE06150' have semi-erect shoots. The plants of 'KLEOE08161' are shorter than the plants of 'KLEOE06150'. The young flower head of 'KLEOE08161' has yellow orange ray florets streaked with orange red while the young flower head of 'KLEOE06150' has orange ray florets streaked with orange brown. When fully developed, the upper side of the ray floret of 'KLEOE08161' is yellow orange with orange red at the basal zone while the ray floret of 'KLEOE06150' is orange with light yellow orange at the basal zone.*

Description:

PLANT SHOOTS: erect

LEAF: medium depth margin indentations, no variegation, medium green on upper side

FLOWER: no paracorolla

RAY FLORET: obtuse apex, no inward rolling of longitudinal margins, upper side orange red (RHS N25A) at basal zone, main colour yellow orange (RHS 21B) streaked with orange (RHS 26A), darker towards base, lower side medium yellow with brown-red stripes

DISC: dark grey and brown.

Origin and Breeding: The variety ‘KLEOE08161’ originated from a pollination made in Stuttgart, Germany in July 2005. The cross was between an unnamed proprietary seedling and an unknown male parent. Approximately 500 seedlings were selected based on criteria for compact growth habit, flower colour, good branching and leaf colour. One of these seedlings was designated ‘KLEOE08161’. The variety was evaluated in greenhouse trials in Stuttgart and assessed for compact growth habit, flower colour and good branching. Outdoor trials were conducted to assess plant vigour and abundant continuous flowering.

Tests and Trials: Trials for ‘KLEOE08161’ were conducted in a polyhouse during the spring of 2010 in St. Thomas, Ontario. The trial included a total of fifteen plants of the candidate and reference varieties. Rooted cuttings were transplanted into 11 cm pots on April 28, 2010. Observations and measurements were taken from ten plants or parts of plants on June 30, 2010. All colour determinations were made using the 2007 Royal Horticultural Society (RHS) Colour Chart.

Comparison table for ‘KLEOE08161’

	‘KLEOE08161’	‘KLEOE06150’*
<i>Plant height (cm)</i>		
mean	21.3	29.5
std. deviation	1.14	1.48
<i>Colour of ray floret on young flower (RHS)</i>		
upper side	17B, overlain/streaked with N25A-B	26C overlain/streaked with 31C
<i>Colour of ray floret on mature flower (RHS)</i>		
upper side - basal zone	N25A	20C
upper side - main	21B, overlain/streaked with 26A	24D overlain/streaked with 26C

*reference variety



Osteospermum: ‘KLEOE08161’ (left) with reference variety ‘KLEOE06150’ (right)



Osteospermum: 'KLEOE08161' (left) with reference variety 'KLEOE06150' (right)

Proposed denomination:	'Osectrawhi'
Trade name:	Tradewinds Trailing White '10
Application number:	09-6738
Application date:	2008/10/21 (priority claimed)
Applicant:	Syngenta Crop Protection AG, Basel, Switzerland
Agent in Canada:	BioFlora Inc., St. Thomas, Ontario
Breeder:	Theodorus C. M. van Kleinwee, Syngenta Seeds B.V., Enkhuizen, The Netherlands

Variety used for comparison: 'Oslawit' (Jamboana Trailing White)

Summary: *The leaf of 'Osectrawhi' is longer and wider than the leaf of 'Oslawit'. The leaf blade of 'Osectrawhi' has shallow to medium depth indentations while the leaf blade of 'Oslawit' has very shallow to shallow indentations. The ray floret of 'Osectrawhi' is longer than the ray floret of 'Oslawit'. The upper side of the ray floret is white for 'Osectrawhi' while it is white with a violet colour at the apex for 'Oslawit'.*

Description:

PLANT SHOOTS: horizontal

LEAF: shallow to medium margin indentations, no variegation, medium green on upper side

FLOWER: no paracorolla

RAY FLORET: obtuse apex, no inward rolling of longitudinal margins, white (RHS NN155C) on upper side, lower side light blue violet overlain with pink tones and blue violet stripes

DISC: dark blue.

Origin and Breeding: The variety 'Osectrawhi' originated from an open pollinated cross, made in Enkhuizen, The Netherlands in the summer of 2004. The female parent was a proprietary line designated as F0241-1 and the male parent was unknown. The resultant seed was sown in a greenhouse in January 2005. The new variety was selected as a single seedling in May 2005 in Enkhuizen based on criteria for flower colour, plant habit and production characteristics.

Tests and Trials: Trials for ‘Osectrawhi’ were conducted in a polyhouse during the spring of 2010 in St. Thomas, Ontario. The trial included a total of fifteen plants of the candidate and reference varieties. Rooted cuttings were transplanted into 11 cm pots on April 28, 2010. Observations and measurements were taken from ten plants or parts of plants on June 9, 2010. All colour determinations were made using the 2007 Royal Horticultural Society (RHS) Colour Chart.

Comparison table for ‘Osectrawhi’

	‘Osectrawhi’	‘Oslawit’*
<i>Leaf length (cm)</i>		
mean	5.8	5.1
std. deviation	0.33	0.36
<i>Leaf width (cm)</i>		
mean	1.9	1.3
std. deviation	0.16	0.17
<i>Ray floret length (cm)</i>		
mean	3.7	3.3
std. deviation	0.20	0.07
<i>Colour of ray floret (RHS)</i>		
upper side	NN155C	NN155C with 75D at apex

*reference variety



Osteospermum: ‘Osectrawhi’ (left) with reference variety ‘Oslawit’ (right)



Osteospermum: 'Osectrawhi' (left) with reference variety 'Oslawit' (right)

Proposed denomination:	'Tra Whit'
Trade name:	Tradewinds Pearl '10'
Application number:	09-6487
Application date:	2009/01/30
Applicant:	Syngenta Crop Protection AG, Basel, Switzerland
Agent in Canada:	BioFlora Inc., St. Thomas, Ontario
Breeder:	Pim Kaagman, Goldsmith Seeds, Europe B.V., Andijk, The Netherlands

Variety used for comparison: 'Balserilla' (Serenity Vanilla)

Summary: *The plants of 'Tra Whit' are shorter than the plants of 'Balserilla'. The leaf blade of 'Tra Whit' has medium depth margin indentations while the leaf blade of 'Balserilla' has shallow indentations. The flower head diameter is smaller for 'Tra Whit' than for 'Balserilla'. The ray florets are shorter for 'Tra Whit' than for 'Balserilla'*

Description:

PLANT SHOOTS: erect

LEAF: medium depth margin indentations, no variegation, medium green on upper side

FLOWER: no paracorolla

RAY FLORET: rounded apex, no inward rolling of longitudinal margins, upper side white (RHS NN155B-C), lower side very light yellow to light yellow

DISC: light grey.

Origin and Breeding: The variety 'Tra Whit' originated from a cross made in July 2006, in Andijk, The Netherlands. The female parent was a proprietary line designated O03-20-2 which had light purple flowers and the male parent was a proprietary line, designated O03-6-1 which had white flowers with a blue eye. The resultant seed was sown in a greenhouse in September 2006. In January 2007, a single plant from the progeny was selected based on flower colour, plant habit and production characteristics.

Tests and Trials: Trials for ‘Tra Whit’ were conducted in a polyhouse during the spring of 2010 in St. Thomas, Ontario. The trial included a total of fifteen plants of the candidate and reference varieties. Rooted cuttings were transplanted into 11 cm pots on April 28, 2010. Observations and measurements were taken from ten plants or parts of plants on June 9, 2010. All colour determinations were made using the 2007 Royal Horticultural Society (RHS) Colour Chart.

Comparison table for ‘Tra Whit’

	‘Tra Whit’	‘Balserilla’*
<i>Plant height (cm)</i>		
mean	17.6	21.8
std. deviation	1.47	1.60
<i>Flower head diameter (cm)</i>		
mean	6.8	7.9
std. deviation	0.24	0.29
<i>Ray floret length (cm)</i>		
mean	3.2	3.8
std. deviation	0.13	0.25

*reference variety



Osteospermum: ‘Tra Whit’ (left) with reference variety ‘Balserilla’ (right)



Osteospermum: 'Tra Whit' (left) with reference variety 'Balserilla' (right)
