



APPLICATIONS UNDER EXAMINATION

KALANCHOE

KALANCHOE
(Kalanchoë blossfeldiana v. Poelln.)

Proposed denomination: 'Cher'
Application number: 04-4101
Application date: 2004/03/12
Applicant: Fides B.V., De Lier, The Netherlands
Agent in Canada: BioFlora Inc., St Thomas, Ontario
Breeder: Ike Vlieland, De Lier, The Netherlands

Description:

PLANT: short, medium width to broad, many flowering shoots of first order

LEAF: long to very long, broad, ovate, medium green on upper and lower sides, absent to very weak anthocyanin, medium thickness to thick, bicrenate margin with shallow to medium deep incisions, acute and straight apex, concave in cross section, no twisting of longitudinal axis

FLOWERING SHOOT: low to moderate number of lateral shoots of first order, highest pleiochasium is broad with moderate number of flowers

FLOWER: double, large to very large diameter

COROLLA LOBES: medium to long, broad, red (RHS 46C) on upper side, changing to dark pink red (RHS 52A) at maturity, purple red (RHS 58C) on lower side

ANTHERS: not prominent

FLOWERING TIME: early to mid-season, nine week response group

Origin and Breeding: 'Cher' (breeder's reference 'FK 4841') was developed by the breeder, Ike Vlieland at the FGB B.V. Research Facility, De Lier, The Netherlands. It originated from a cross between the female parent 'Leonardo' and the male parent 'Klabat', made in November 1999. The new kalanchoe variety was selected in 2000 based on flower colour and a unique double-decorative flower type.

Tests and Trials: The detailed description is based on the UPOV report of Technical Examination, CPVO reference number 2004/0092, application number KAL 688, grant number 16093, purchased from the CPVO, Angers, France. The trials were conducted by the Bundessortenamt in Hannover, Germany, in 2004. Colour determinations were made using the 2001 Royal Horticultural Society (RHS) colour chart.



Kalanchoe: 'Cher'

Proposed denomination: 'Dion'
Application number: 04-4100
Application date: 2004/03/12
Applicant: Fides B.V., De Lier, The Netherlands
Agent in Canada: BioFlora Inc., St Thomas, Ontario
Breeder: Ike Vlieland, De Lier, The Netherlands

Description:

PLANT: medium height to tall, medium width, many to very many flowering shoots of first order

LEAF: short to medium length, medium width, ovate, medium to dark green on upper side, light to medium green on lower side, absent to very weak anthocyanin, medium to thick, bicrenate margins with shallow to medium deep incisions, round and straight apex, concave to flat in cross section, no twisting of longitudinal axis

FLOWERING SHOOT: moderate number of lateral shoots of first order, highest pleiochasium is medium in width with a moderate to high number of flowers

FLOWER: double, medium diameter

COROLLA LOBES: short to medium length, narrow to medium width, orange pink (RHS 37A) on upper side, changing to purple red (RHS N57C) at maturity, purple red (RHS 61D) on lower side

ANTHERS: prominent

FLOWERING TIME: early to mid-season, nine week response group

Origin and Breeding: 'Dion' (breeder's reference 'FK 4521') was developed by the breeder, Ike Vlieland at the FGB B.V. Research Facility, De Lier, The Netherlands. It originated from a cross between the female parent 'Leonardo' and the male parent 'Goldstrike', made in September 1999. The new kalanchoe variety was selected in 2001 based on flower colour, and a unique double-decorative flower type.

Tests and Trials: The detailed description is based on the UPOV report of Technical Examination, CPVO reference number 2004/0094, application number KAL 685, grant number 16234, purchased from the CPVO, Angers, France. The trials were conducted by the Bundessortenamt in Hannover, Germany, in 2004. Colour determinations were made using

the 2001 Royal Horticultural Society (RHS) colour chart.



Kalanchoe: 'Dion'

Proposed denomination: 'Fuego'
Application number: 04-4104
Application date: 2004/03/12
Applicant: Fides B.V., De Lier, The Netherlands
Agent in Canada: BioFlora Inc., St Thomas, Ontario
Breeder: Ike Vlieland, De Lier, The Netherlands

Variety used for comparison: 'Nemo'

Summary: *The corolla lobes of 'Fuego' are broader and lighter red than those of 'Nemo'.*

Description:

PLANT: short to medium height, medium to broad, very many flowering shoots of first order

LEAF: medium length, medium width, ovate, medium to dark green on upper side, medium green on lower side, absent to very weak anthocyanin, medium thickness, bicrenate margins with medium deep incisions, acute and straight apex, concave to flat in cross section, no twisting of longitudinal axis

FLOWERING SHOOT: moderate number of lateral shoots of first order, highest pleiochasium is medium to broad with many flowers

FLOWER: single, small to medium diameter

COROLLA LOBES: short to medium length, narrow to medium width, red (RHS 45B) on upper side, orange pink (RHS 37B) on lighter part of lower side, red pink (RHS 48B) on darker part of lower side

ANTHERS: not prominent

FLOWERING TIME: very early to early, eight week response group

Origin and Breeding: 'Fuego' (breeder's reference 'FK 4660') was developed by the breeder, Ike Vlieland at the FGB

B.V. Research Facility, De Lier, The Netherlands. It originated from a cross between the female parent 'Sumaco' and the male parent 'Tenorio', made in November 1999. The new kalanchoe variety was selected in 2001 based on flower colour, large flower umbel and compact growth habit.

Tests and Trials: The detailed description is based on the UPOV report of Technical Examination, CPVO reference number 2004/0087, application number KAL 686, grant number 16062, purchased from the CPVO, Angers, France. The trials were conducted by the Bundessortenamt in Hannover, Germany, in 2004. Colour determinations were made using the 2001 Royal Horticultural Society (RHS) colour chart.

Comparison table for 'Fuego'

	'Fuego'	'Nemo'*
Colour of corolla lobes (RHS)	45B	46B

* reference variety



Kalanchoe: 'Fuego'

Proposed denomination:	'Kerr'
Application number:	04-4102
Application date:	2004/03/12
Applicant:	Fides B.V., De Lier, The Netherlands
Agent in Canada:	BioFlora Inc., St Thomas, Ontario
Breeder:	Ike Vlieland, De Lier, The Netherlands

Description:

PLANT: medium height, narrow to medium width, moderate to high number of flowering shoots of first order

LEAF: medium length, medium width, ovate, dark green on upper side, light to medium green on lower side, very weak to weak anthocyanin, medium thickness, bicrenate margin with very shallow to shallow incisions, round and incurving to straight apex, concave to flat in cross section, no twisting of longitudinal axis

FLOWERING SHOOT: low to moderate number of lateral shoots of first order, highest pleiochasium is medium in width with a moderate number of flowers

FLOWER: double, medium diameter

COROLLA LOBES: short to medium length, medium width to broad, red (RHS 44A) on upper side, dark pink red (RHS 50B) on lower side

ANTHERS: not prominent

FLOWERING TIME: mid-season, ten week response group

Origin and Breeding: 'Kerr' (breeder's reference 'FK 4836') was developed by the breeder, Ike Vlieland at the FGB B.V. Research Facility, De Lier, The Netherlands. It originated from a cross between the female parent 'Leonardo' and the male parent 'Klabat', made in November 1999. The new kalanchoe variety was selected in 2001 based on flower colour and a unique double-decorative flower type.

Tests and Trials: The detailed description is based on the UPOV report of Technical Examination, CPVO reference number 2004/0095, application number KAL 687, grant number 16095, purchased from the CPVO, Angers, France. The trials were conducted by the Bundessortenamt in Hannover, Germany, in 2004. Colour determinations were made using the 2001 Royal Horticultural Society (RHS) colour chart.



Kalanchoe: 'Kerr'

Proposed denomination:	'Nemo'
Application number:	04-4105
Application date:	2004/03/12
Applicant:	Fides B.V. De Lier, The Netherlands
Agent in Canada:	BioFlora Inc. St Thomas, Ontario
Breeder:	Ike Vlieland, De Lier, The Netherlands

Variety used for comparison: 'Fuego'

Summary: *The corolla lobes of 'Nemo' are narrower and darker red than those of 'Fuego'.*

Description:

PLANT: medium height, medium width to broad, very many flowering shoots of first order

LEAF: medium length, narrow to medium width, ovate, medium to dark green on upper side, light green to medium green on lower side, very weak to weak anthocyanin, medium thickness, bicrenate margin with medium deep incisions, acute and straight apex, concave to flat in cross section, no twisting of longitudinal axis

FLOWERING SHOOT: moderate number of lateral shoots of first order, highest pleiochasium is medium in width with a moderate to high number flowers

FLOWER: single, medium diameter

COROLLA LOBES: medium length, narrow, red (RHS 46B) on upper side, orange pink (RHS 35C) on lighter parts of lower side, dark pink red (RHS 48A-50B) on darker parts of lower side.

ANTHERS: not prominent

FLOWERING TIME: very early to early, eight week response group

Origin and Breeding: 'Nemo' (breeder's reference 'FK 4315') was developed by the breeder, Ike Vlielander at the FGB B.V. Research Facility, De Lier, The Netherlands. It originated from a cross between the female parent 'Sumaco' and the male parent 'Tenorio', made in November 1999. The new kalanchoe variety was selected in 2001 based on flower colour, large flower umbel and compact growth habit.

Tests and Trials: The detailed description is based on the UPOV report of Technical Examination, CPVO reference number 2004/0085, application number KAL 683, grant number 16060, purchased from the CPVO, Angers, France. The trials were conducted by the Bundessortenamt in Hannover, Germany, in 2004. Colour determinations were made using the 2001 Royal Horticultural Society (RHS) colour chart.

Comparison table for 'Nemo'

	'Nemo'	'Fuego'*
Colour of corolla lobes (RHS)	46B	45B

* reference variety



Kalanchoe: 'Nemo'

Proposed denomination: 'Ross'
Application number: 04-4103
Application date: 2004/03/12
Applicant: Fides B.V., De Lier, The Netherlands
Agent in Canada: BioFlora Inc., St Thomas, Ontario
Breeder: Ike Vlieland, De Lier, The Netherlands

Description:

PLANT: medium to tall, medium width, many flowering shoots of first order

LEAF: very short to short, narrow to medium width, elliptic, light to medium green on upper and lower sides, absent to very weak anthocyanin, medium thickness, bicrenate margin with very shallow to shallow incisions, round and incurving to straight apex, concave to flat in cross section, no twisting of longitudinal axis

FLOWERING SHOOT: low to medium number of lateral shoots of first order, highest pleiochasium is medium width to broad with a moderate to high number of flowers

FLOWER: double, medium diameter

COROLLA LOBES: medium length, medium width to broad, dark pink red (RHS 53C) on upper side changing to purple (RHS 67A) at maturity, light blue pink (RHS 73C) on lighter part of lower side, purple red (RHS N57D) on darker parts

ANTHERS: not prominent

FLOWERING TIME: early to mid-season, nine week response group

Origin and Breeding: 'Ross' (breeder's reference 'FK 4471') was developed by the breeder, Ike Vlieland at the FGB B.V. Research Facility, De Lier, The Netherlands. It originated from a cross between the female parent 'Leonardo' and the male parent 'Tenorio', made in September 1999. The new kalanchoe variety was selected in 2001 based on flower colour and a unique double-decorative flower type.

Tests and Trials: The detailed description is based on the UPOV report of Technical Examination, CPVO reference number 2004/0093, application number KAL 684, grant number 16094, purchased from the CPVO, Angers, France. The trials were conducted by the Bundessortenamt in Hannover, Germany, in 2004. Colour determinations were made using the 2001 Royal Horticultural Society (RHS) colour chart.



Kalanchoe: 'Ross'