



APPLICATIONS UNDER EXAMINATION

ORIENTAL POPPY

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(Papaver orientale)

Proposed denomination: 'Fancy Feathers'
Application number: 05-4794
Application date: 2005/04/26
Applicant: Oudshoorn, Hubertus, Rijpwetering, The Netherlands
Agent in Canada: Variety Rights Management, Oxford Station, Ontario
Breeder: Hubertus Gerardus Oudshoorn, Oudshoorn, Hubertus, Rijpwetering, The Netherlands

Variety used for comparison: 'Pink Ruffles'

Summary: *The inner side of the petal of 'Fancy Feathers' is orange red along the margin and central area with light red pink towards the base while the inner side of the petal of 'Pink Ruffles' is a lighter orange red to light red pink blend throughout the petal. The blotch on the inner side of the petal of 'Fancy Feathers' is grey while it is black for 'Pink Ruffles'. The petals of 'Fancy Feathers' have deeper incisions than the petals of 'Pink Ruffles'.*

Description:

PLANT: bushy-rounded growth habit, sparse branching

STEM: medium green, absent or very weak anthocyanin colouration, absent or weak glaucosity, dense pubescence

LEAF: alternate and rosette arrangement, simple, oblanceolate, acute apex, lobed margin, dense pubescence on upper side, medium green on upper side

PEDUNCLE: absent or very weak anthocyanin colouration

FLOWER: one short flowering period, early time of flowering, simple type, terminal in position, erect attitude

PETAL: very overlapping, few in number, reniform shape, upper side orange red (RHS 41C) along margin and central area, light red pink (RHS 41D) towards the base, lower side light red pink (RHS 41D), band type petal blotch present, blotch grey (RHS 200B), lacinate incisions present

FILAMENT: violet

ANTHER: violet to blackish.

Origin and Breeding: The variety 'Fancy Feathers' was discovered in the breeders' nursery in Rijpwetering, The Netherlands in 2001. The objective of the breeding program was to create new poppy varieties with improved form and improved floral traits.

Tests and Trials: Trials for 'Fancy Feathers' were conducted during the summer of 2010 in Oxford Station, Ontario. Ten plants of the candidate variety and nine plants of the reference variety were grown in field plots. Plants were spaced approximately 45 cm apart within the row and rows were spaced one metre apart. Observations and measurements were taken on 10 plants of the candidate variety and nine plants of the reference. Colours were determined using the 2001 Royal Horticultural Society (RHS) Colour Chart.

Comparison table for 'Fancy Feathers'

	'Fancy Feathers'	'Pink Ruffles'*
<i>Colour of the petal (RHS)</i>		
upper side	41C & 41D	39B-C
lower side	41D	39C
blotch	200B	202A

*reference variety



Oriental Poppy: 'Fancy Feathers' (left) with reference variety 'Pink Ruffles' (right)

Proposed denomination: 'Little Candyfloss'
Application number: 05-5091
Application date: 2005/10/06
Applicant: Oudshoorn, Hubertus, Rijpwetering, The Netherlands
Agent in Canada: Variety Rights Management, Oxford Station, Ontario
Breeder: Hubertus Gerardus Oudshoorn, Oudshoorn, Hubertus, Rijpwetering, The Netherlands

Varieties used for comparison: 'Pink Pearl' and 'Helen Elizabeth'

Summary: *The plants of 'Little Candyfloss' are shorter than the plants of the reference varieties. The stem and upper side of the leaf blade of 'Little Candyfloss' are dark green in colour while the stems and upper side of the leaf blades of the reference varieties are medium green. The peduncle of 'Little Candyfloss' is shorter than the peduncles of the reference varieties. The flower of 'Little Candyfloss' is smaller in diameter than the flower of 'Pink Pearl'. The upper side of the petal of 'Little Candyfloss' is red pink to light red pink (RHS 49A-B) while the petal of 'Pink Pearl' is light red pink to red pink (RHS 49B-C) and the petal of 'Helen Elizabeth' is light red pink (RHS 41D-49A). The petal of 'Little Candyfloss' has a band type blotch present while the petal of 'Helen Elizabeth' has no blotch.*

Description:

PLANT: bushy-rounded growth habit, sparse branching

STEM: dark green, absent or very weak anthocyanin colouration, absent or very weak glaucosity, medium to dense pubescence

LEAF: alternate and rosette arrangement, simple, oblanceolate, acute apex, lobed margin, medium to dense pubescence on upper side, dark green on upper side

PEDUNCLE: absent or very weak anthocyanin colouration

FLOWER: one short flowering period, early time of flowering, simple type, terminal in position, erect attitude

PETAL: very overlapping, few in number, reniform shape, upper side red pink (RHS 49A) to light red pink (RHS 49B), lower side light red pink (RHS 49B), band type petal blotch present, blotch black (RHS 202A), sinuate incisions present

FILAMENT: violet

ANTHER: violet to blackish.

Origin and Breeding: The variety 'Little Candyfloss' originated from a cross made between unnamed selections in Rijpwetering, The Netherlands in 2002. The objective of the breeding program was to create new poppy varieties with improved form and improved floral traits.

Tests and Trials: Trials for 'Little Candyfloss' were conducted during the summer of 2010 in Oxford Station, Ontario. Seven plants of the candidate variety, nine plants of the reference 'Pink Pearl' and ten plants of the reference variety 'Helen Elizabeth' were grown in field plots. Plants were spaced approximately 45 cm apart within the row and rows were spaced one metre apart. Observations and measurements were taken on 7 plants of the candidate variety, nine plants of the reference 'Pink Pearl' and ten plants of the reference 'Helen Elizabeth'. Colours were determined using the 2001 Royal Horticultural Society (RHS) Colour Chart.

Comparison table for 'Little Candyfloss'

	'Little Candyfloss'	'Pink Pearl'*	'Helen Elizabeth'*
<i>Plant height (cm)</i>			
mean	35.10	48.25	48.50
std. deviation	0.98	2.19	5.50
<i>Peduncle length (cm)</i>			
mean	32.30	45.40	46.50
std. deviation	1.20	2.70	4.51
<i>Flower diameter (cm)</i>			
mean	7.56	10.33	8.39
std. deviation	1.16	1.08	0.61
<i>Colour of petal (RHS)</i>			
upper side	49A-B	41D - 49A	49B-C
lower side	49B	49A	49B

*reference varieties



Oriental Poppy: 'Little Candyfloss' (top left) with reference varieties 'Pink Pearl' (top right) and 'Helen Elizabeth' (bottom)

Proposed denomination: 'Pink Pearl'
Application number: 05-5093
Application date: 2005/10/06
Applicant: Oudshoorn, Hubertus, Rijpwetering, The Netherlands
Agent in Canada: Variety Rights Management, Oxford Station, Ontario
Breeder: Hubertus Gerardus Oudshoorn, Oudshoorn, Hubertus, Rijpwetering, The Netherlands

Varieties used for comparison: 'Little Candyfloss' and 'Helen Elizabeth'

Summary: *The plant height of 'Pink Pearl' is taller than the plant height of 'Little Candyfloss'. The stem of 'Pink Pearl' is medium green in colour while the stem of 'Little Candyfloss' is dark green. The leaf blade of 'Pink Pearl' is longer than the leaf blade of the reference varieties. The upper side of the leaf blade is medium green in colour while the leaf blade of 'Little Candyfloss' is dark green. The peduncle is longer for 'Pink Pearl' than for 'Little Candyfloss'. The flower of 'Pink Pearl' is larger in diameter than the flowers of the reference varieties. The upper side of the petal of 'Pink Pearl' is light red pink to red pink (RHS 41D – 49A) while the petal of 'Little Candyfloss' is red pink to light red pink (RHS 49A-B) and the petal of 'Helen Elizabeth' is light red pink (RHS 49B-C). The petal of 'Pink Pearl' has a band type petal blotch while the petal of 'Helen Elizabeth' has no petal blotch.*

Description:

PLANT: bushy-rounded growth habit, sparse branching

STEM: medium green, absent or very weak anthocyanin colouration, absent or very weak glaucosity, sparse to medium pubescence

LEAF: alternate and rosette arrangement, simple, oblanceolate, acute apex, lobed margin, sparse to medium pubescence on upper side, medium green on upper side

PEDUNCLE: absent or very weak anthocyanin colouration

FLOWER: one short flowering period, early time of flowering, simple type, terminal in position, erect attitude

PETAL: very overlapping, few in number, reniform shape, upper side light red pink (RHS 41D) to red pink (RHS 49A), lower side red pink (RHS 49A), band type petal blotch present, blotch black (RHS 202A), sinuate incisions present

FILAMENT: violet

ANTHER: violet to blackish.

Origin and Breeding: The variety 'Pink Pearl' originated from a cross made between unnamed selections in Rijpwetering, The Netherlands in 2004. The objective of the breeding program was to create new poppy varieties with improved form and improved floral traits.

Tests and Trials: Trials for 'Pink Pearl' were conducted during the summer of 2010 in Oxford Station, Ontario. Nine plants of the candidate variety, seven plants of the reference 'Little Candyfloss' and ten plants of the reference variety 'Helen Elizabeth' were grown in field plots. Plants were spaced approximately 45 cm apart within the row and rows were spaced one metre apart. Observations and measurements were taken on nine plants of the candidate variety, seven plants of the reference 'Little Candyfloss' and ten plants of the reference 'Helen Elizabeth'. Colours were determined using the 2001 Royal Horticultural Society (RHS) Colour Chart.

Comparison table for 'Pink Pearl'

	'Pink Pearl'	'Little Candyfloss'*	'Helen Elizabeth'*
<i>Plant height (cm)</i>			
mean	48.25	35.10	48.50
std. deviation	2.19	0.98	5.50
<i>Leaf blade length (cm)</i>			
mean	33.10	28.20	28.63
std. deviation	1.44	3.56	1.11
<i>Peduncle length (cm)</i>			
mean	45.40	32.30	46.50
std. deviation	2.70	1.20	4.51
<i>Flower diameter (cm)</i>			
mean	10.33	7.56	8.39
std. deviation	1.08	1.16	0.61
<i>Colour of petal (RHS)</i>			
upper side	41D - 49A	49A-B	49B-C
lower side	49A	49A	49B

*reference varieties



Oriental Poppy: 'Pink Pearl' (top right) with reference varieties 'Little Candyfloss' (top left) and 'Helen Elizabeth' (bottom)

Proposed denomination:	'Sunset'
Application number:	05-4800
Application date:	2005/04/26
Applicant:	Oudshoorn, Hubertus, Rijpwetering, The Netherlands
Agent in Canada:	Variety Rights Management, Oxford Station, Ontario
Breeder:	Hubertus Gerardus Oudshoorn, Oudshoorn, Hubertus, Rijpwetering, The Netherlands

Varieties used for comparison: ‘Madarin’ and ‘Allegro’

Summary: *The leaf blade of ‘Sunset’ is shorter than the leaf blade of ‘Madarin’ and longer and wider than the leaf blade of ‘Allegro’. The flower of ‘Sunset’ is smaller in diameter than the flowers of the reference varieties. The upper side of the petal is red for ‘Sunset’ while it is orange red for ‘Madarin’ and ‘Allegro’. The petal of ‘Sunset’ has a black blotch present while the petal of ‘Madarin’ has no petal blotch. The petal of ‘Sunset’ is narrower than the petal of ‘Madarin’.*

Description:

PLANT: bushy-rounded growth habit, sparse branching

STEM: medium green, absent or very weak anthocyanin colouration, absent or very weak glaucosity, medium to dense pubescence

LEAF: alternate and rosette arrangement, simple, oblanceolate, acute apex, lobed margin, medium to dense pubescence on upper side, medium green on upper side

PEDUNCLE: absent or very weak anthocyanin colouration

FLOWER: one short flowering period, early time of flowering, simple type, terminal in position, erect attitude

PETAL: overlapping to very overlapping, few in number, reniform shape, upper side red (RHS 34A - 33A), lower side red (RHS 33A), band type petal blotch present, blotch black (RHS 202A), sinuate incisions present

FILAMENT: violet

ANTHER: violet to blackish.

Origin and Breeding: The variety ‘Sunset’ was discovered and selected by the breeder in Rijpwetering, The Netherlands in 2001. The objective of the breeding program was to create new poppy varieties with improved form and improved floral traits.

Tests and Trials: Trials for ‘Sunset’ were conducted during the summer of 2010 in Oxford Station, Ontario. Ten plants of the candidate variety, eleven plants of the reference ‘Madarin’ and seven plants of the reference variety ‘Allegro’ were grown in field plots. Plants were spaced approximately 45 cm apart within the row and rows were spaced one metre apart. Observations and measurements were taken on ten plants of the candidate variety and the reference variety ‘Madarin’ and seven plants of the reference ‘Allegro’. Colours were determined using the 2001 Royal Horticultural Society (RHS) Colour Chart.

Comparison table for ‘Sunset’

	‘Sunset’	‘Madarin’*	‘Allegro’*
<i>Leaf blade length (cm)</i>			
mean	32.43	37.14	23.50
std. deviation	2.15	2.04	2.69
<i>Leaf blade width (cm)</i>			
mean	13.83	14.07	10.50
std. deviation	1.47	1.30	1.26
<i>Flower diameter (cm)</i>			
mean	8.83	10.79	10.64
std. deviation	0.47	0.70	0.85
<i>Colour of petal (RHS)</i>			
upper side	34A-33A	33B	30A
lower side	33A	33B	30A
<i>Petal width (cm)</i>			
mean	6.93	9.00	7.50
std. deviation	0.60	0.92	0.50

*reference varieties



Oriental Poppy: 'Sunset'



Oriental Poppy: Reference variety 'Mandarin'



Oriental Poppy: Reference variety 'Allegro'
