



APPLICATIONS UNDER EXAMINATION

ORIENTAL POPPY

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(Papaver orientale)

Proposed denomination: 'Carmen'
Application number: 05-4792
Application date: 2005/04/26
Applicant: Oudshoorn, Hubertus, Rijpwetering, Netherlands
Agent in Canada: Variety Rights Management, Oxford Station, Ontario
Breeder: Hubertus Gerardus Oudshoorn, Oudshoorn, Hubertus, Rijpwetering, Netherlands

Varieties used for comparison: 'Matador', 'Scarlet O'Hara' and 'Allegro'

Summary: *The leaf blade of 'Carmen' is shorter than the leaf blade of 'Matador' and longer than the leaf blade of 'Allegro'. The flower of 'Carmen' is smaller in diameter than the flower of 'Scarlet O'Hara'. The upper and lower side of the petal of 'Carmen' is a lighter red than the petal of 'Scarlet O'Hara' and a darker red than the petals of 'Matador' and 'Allegro', which are more orange red.*

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, erect attitude

PETAL: overlapping to very overlapping, few in number, reniform shape, upper side red (RHS 45B-C), lower side red (RHS 45C), spot type petal blotch present, black (RHS 202A) blotch, sinuate incisions present, undulated margin

FILAMENT: violet

ANTHER: violet to blackish.

Origin and Breeding: The variety 'Carmen' 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 'Carmen' were conducted during the summer of 2010 in Oxford Station, Ontario. Ten plants of the candidate variety, ten plants of the reference 'Matador', fourteen plants of the reference 'Scarlet O'Hara' and seven plants of the reference '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 varieties 'Matador' and 'Scarlet O'Hara', and seven plants of the reference 'Allegro'. Colours were determined using the 2001 Royal Horticultural Society (RHS) Colour Chart.

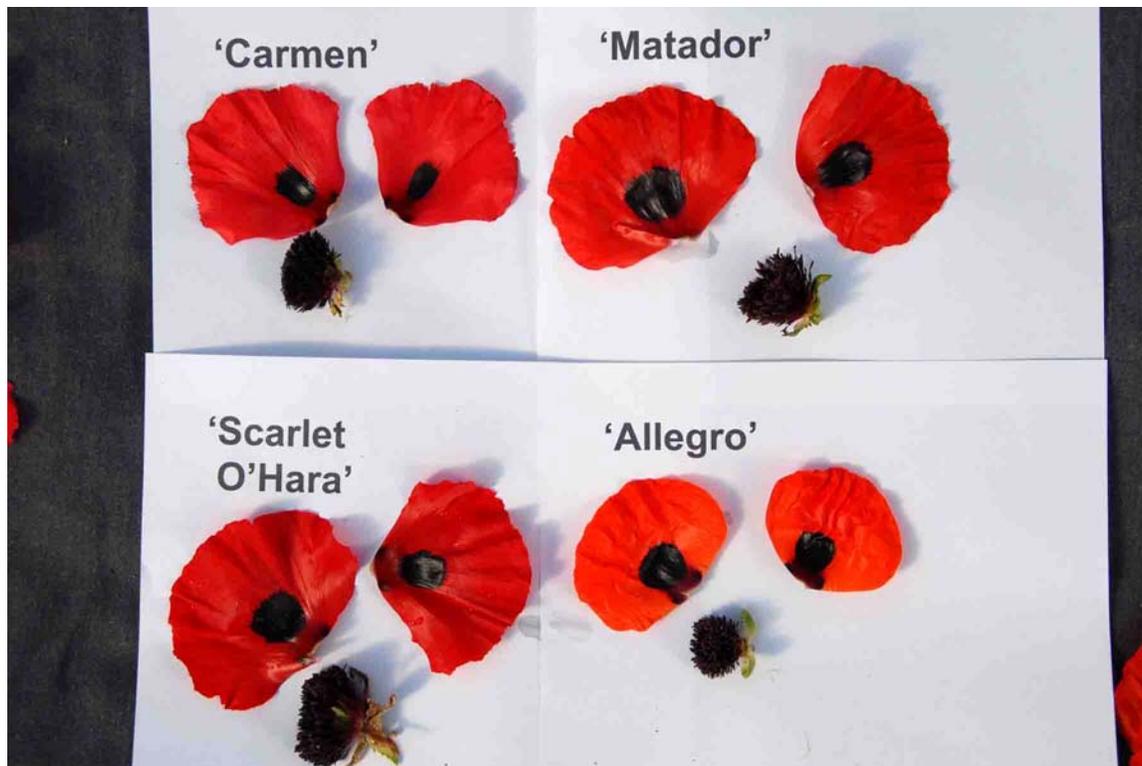
Comparison table for 'Carmen'

	'Carmen'	'Matador'*	'Scarlet O'Hara'*	'Allegro'*
<i>Leaf blade length (cm)</i>				
mean	32.00	38.89	33.43	23.50
std. deviation	3.74	2.37	2.76	2.69
<i>Flower diameter (cm)</i>				
mean	10.36	11.06	13.58	10.64
std. deviation	0.94	0.93	1.05	0.85

Colour of petal (RHS)

upper side	45B-C	44A-B	46B-C	N30A
lower side	45C	44C	46C	30A

*reference varieties



Oriental Poppy: 'Carmen' (top left) with reference varieties 'Matador' (top right), 'Scarlet O'Hara' (bottom left) and 'Allegro' (bottom right)



Oriental Poppy: 'Carmen' (top left) with reference varieties 'Matador' (top right), 'Scarlet O'Hara' (bottom left) and 'Allegro' (bottom right)

Proposed denomination: 'Matador'
Application number: 05-4798
Application date: 2005/04/26
Applicant: Oudshoorn, Hubertus, Rijpwetering, Netherlands
Agent in Canada: Variety Rights Management, Oxford Station, Ontario
Breeder: Hubertus Gerardus Oudshoorn, Oudshoorn, Hubertus, Rijpwetering, Netherlands

Varieties used for comparison: 'Carmen', 'Scarlet O'Hara' and 'Allegro'

Summary: *The plants of 'Matador' are taller than the plants of the reference varieties 'Carmen' and 'Scarlet O'Hara'. The leaf blade of 'Matador' is longer than the leaf blades of the reference varieties. The peduncle of 'Matador' is longer than the peduncles of the reference varieties. The upper and lower sides of the petal of 'Matador' are a lighter red than the petals of 'Carmen' and 'Scarlet O'Hara' and a darker, less orange red than the petals of 'Allegro'. The petal spot of 'Matador' is positioned away from the base while the petal spot of 'Allegro' extends into the base area.*

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 to dark green on upper side

PEDUNCLE: absent or very weak anthocyanin colouration

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

PETAL: overlapping to very overlapping, few in number, reniform shape, upper side red (RHS 44A-B), lower side red (RHS 44C), spot type petal blotch present, black (RHS 202A) blotch, spot positioned away from base, sinuate incisions present, undulated margin

FILAMENT: violet

ANTHER: violet to blackish.

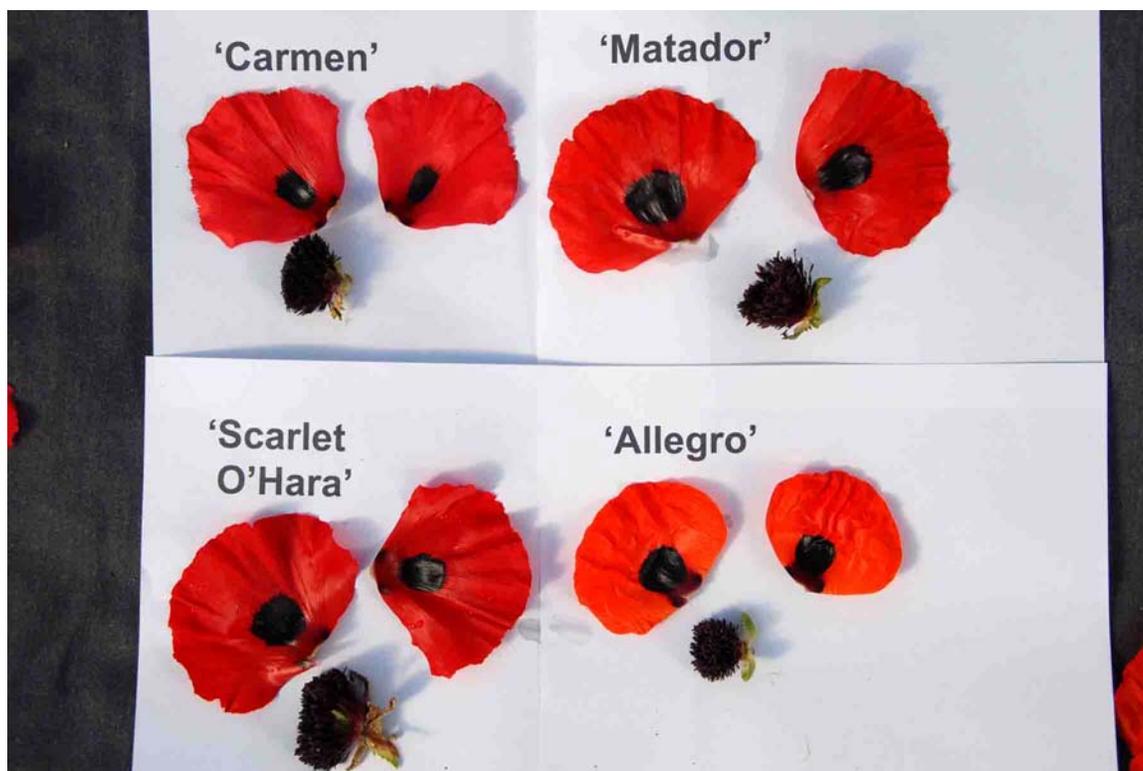
Origin and Breeding: The variety ‘Matador’ was discovered and selected by the breeder in Rijpwetering, The Netherlands in 2001. The objective of the breeding program was to create new poppy varieties with improved form and improved floral traits.

Tests and Trials: Trials for ‘Matador’ were conducted during the summer of 2010 in Oxford Station, Ontario. Ten plants of the candidate variety, ten plants of the reference ‘Carmen’, fourteen plants of the reference ‘Scarlet O’Hara’ and seven plants of the reference ‘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 varieties ‘Carmen’ and ‘Scarlet O’Hara’, and seven plants of the reference ‘Allegro’. Colours were determined using the 2001 Royal Horticultural Society (RHS) Colour Chart.

Comparison table for ‘Matador’

	‘Matador’	‘Carmen’*	‘Scarlet O’Hara’*	‘Allegro’*
<i>Plant height (cm)</i>				
mean	49.00	42.67	44.68	44.86
std. deviation	4.64	2.65	4.18	4.30
<i>Leaf blade length (cm)</i>				
mean	38.89	32.00	33.43	23.50
std. deviation	2.37	3.74	2.76	2.69
<i>Peduncle length (cm)</i>				
mean	47.66	39.90	40.78	41.43
std. deviation	3.50	3.19	2.11	3.36
<i>Petal colour (RHS)</i>				
upper side	44A-B	45B-C	46B-C	N30A
lower side	44C	45C	46C	30A

*reference varieties



Oriental Poppy: 'Matador' (top right) with reference varieties 'Carmen' (top left), 'Scarlet O'Hara' (bottom left) and 'Allegro' (bottom right)



Oriental Poppy: 'Matador' (top right) with reference varieties 'Carmen' (top left), 'Scarlet O'Hara' (bottom left) and 'Allegro' (bottom right)

Proposed denomination: 'Scarlet O'Hara'
Application number: 05-4799
Application date: 2005/04/26
Applicant: Oudshoorn, Hubertus, Rijpwetering, Netherlands
Agent in Canada: Variety Rights Management, Oxford Station, Ontario
Breeder: Hubertus Gerardus Oudshoorn, Oudshoorn, Hubertus, Rijpwetering, Netherlands

Varieties used for comparison: 'Carmen', 'Matador' and 'Allegro'

Summary: *The flowers of 'Scarlet O'Hara' have a larger diameter than the flowers of the reference varieties. The upper and lower sides of the petal of 'Scarlet O'Hara' are a darker red colour than the petals of the reference varieties. The petals of 'Scarlet O'Hara' are wider than the petals of the reference varieties.*

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, erect attitude

PETAL: overlapping to very overlapping, few in number, reniform shape, upper side red (RHS 46B-C), lower side red (RHS 46C), spot type petal blotch present, black (RHS 202A) blotch, sinuate incisions present, undulated margin

FILAMENT: violet

ANTHER: violet to blackish.

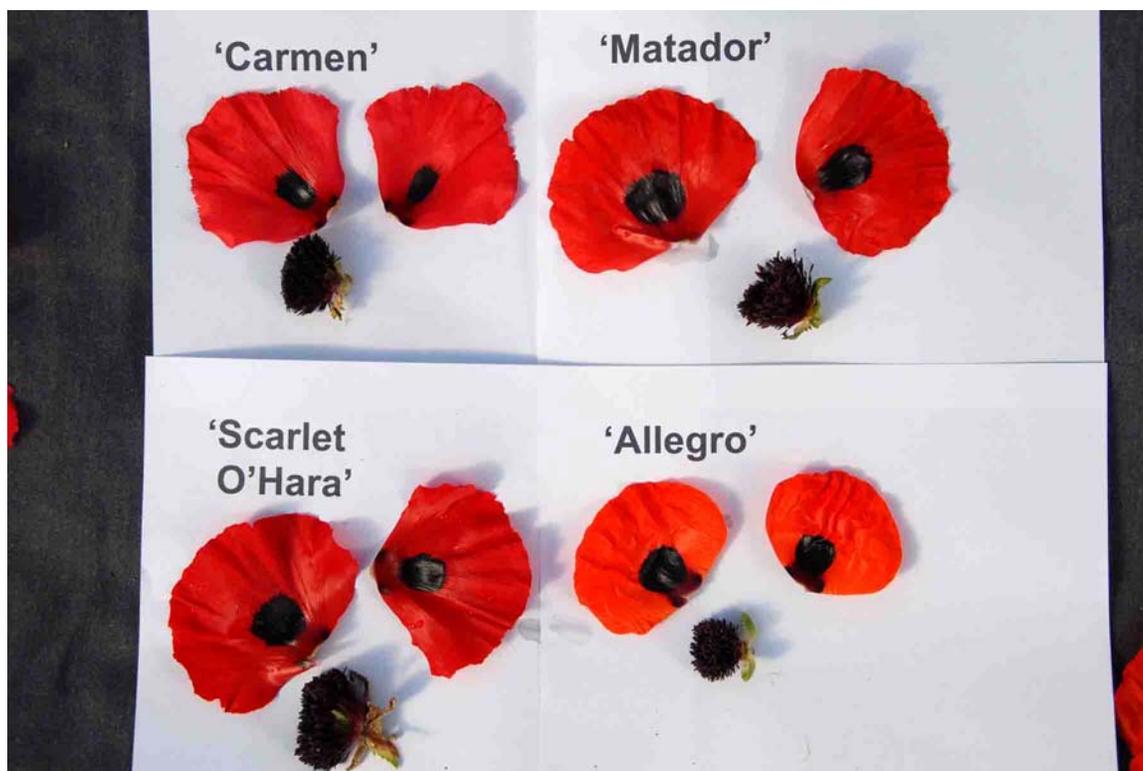
Origin and Breeding: The variety ‘Scarlet O’Hara’ was discovered and selected by the breeder in Rijpwetering, The Netherlands in 2001. The objective of the breeding program was to create new poppy varieties with improved form and improved floral traits.

Tests and Trials: Trials for ‘Scarlet O’Hara’ were conducted during the summer of 2010 in Oxford Station, Ontario. Fourteen plants of the candidate variety, ten plants of the references ‘Carmen’ and ‘Matador’ and seven plants of the reference ‘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 varieties ‘Carmen’ and ‘Matador’, and seven plants of the reference ‘Allegro’. Colours were determined using the 2001 Royal Horticultural Society (RHS) Colour Chart.

Comparison table for ‘Scarlet O’Hara’

	‘Scarlet O’Hara’	‘Carmen’*	‘Matador’*	‘Allegro’*
<i>Flower diameter (cm)</i>				
mean	13.58	10.36	11.06	10.64
std. deviation	1.05	0.94	0.93	0.85
<i>Petal width (cm)</i>				
mean	10.21	7.59	7.52	7.50
std. deviation	0.32	0.56	1.19	0.50
<i>Petal colour (RHS)</i>				
upper side	46B-C	45B-C	44A-B	N30A
lower side	46C	45C	44C	30A

*reference varieties



Oriental Poppy: 'Scarlet O'Hara' (bottom left) with reference varieties 'Carmen' (top left), 'Matador' (top right) and 'Allegro' (bottom right)



Oriental Poppy: 'Scarlet O'Hara' (bottom left) with reference varieties 'Carmen' (top left), 'Matador' (top right) and 'Allegro' (bottom right)