



APPLICATIONS UNDER EXAMINATION

LYCHNIS

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(Lychnis)

Proposed denomination: 'Rollys Favorite'
Application number: 05-4791
Application date: 2005/04/26
Applicant: Oudshoorn, Hubertus, Rijpwetering, The Netherlands
Agent in Canada: Variety Rights Management, Oxford Station, Ontario
Breeder: Hubertus Gerardus Oudshoorn, Rijpwetering, The Netherlands

Variety used for comparison: 'Peggy'

Summary: *The plants of 'Rollys Favorite' are upright-bushy while those of 'Peggy' are spreading or trailing. The plants of 'Rollys Favorite' are taller than those of 'Peggy'. The leaf blades of 'Rollys Favorite' are shorter than those of 'Peggy'. The pubescence on the leaves of 'Rollys Favorite' is medium to dense while that on 'Peggy' is very dense. 'Rollys Favorite' flowers very early where as 'Peggy' flowers early. The flowers of 'Rollys Favorite' are smaller than those of 'Peggy'. The upper side of the flowers of 'Rollys Favorite' are blue pink while that of 'Peggy' are purple to blue pink.*

Description:

PLANT: vegetatively propagated, perennial type, upright-bushy growth habit, medium degree of branching
STEM: green-brown, very dense pubescence

LEAF: opposite arrangement, simple type

LEAF BLADE: ovate, acute apex, cuneate base, entire margin, light green/grey on upper side, medium to dense pubescence

FLOWERING: one flowering period, very early flowering, short to medium length flowering period

INFLORESCENCE: cyme type, terminal position, erect attitude

FLOWER: blue pink (RHS 73A-B) on upper side

Origin and Breeding: 'Rollys Favorite' originated in the nursery of Mr. H. G. Oudhoorn in Rijpwetering, The Netherlands in 2000. Open pollinated seed was collected from un-named *Lychnis flos-jovis* selections in 1998 and a seedling population was grown the following year. The objectives of the breeding program were to create new *Lyschnis* cultivars with improved form and floral traits including colour.

Tests and Trials: Trials for 'Rollys Favorite' were conducted at Variety Rights Management in Oxford Station, Ontario during the summer of 2010. Twelve plants of each variety were grown in 15 cm pots in a polyhouse. Plants were spaced approximately 60 cm apart. Colour determinations were made using the 2001 Royal Horticultural Society (RHS) Colour Chart.

Comparison table for 'Rollys Favorite'

	'Rollys Favorite'	'Peggy'*
<i>Plant height (cm)</i>		
mean	37.93	27.71
std. deviation	2.09	2.56
<i>Leaf blade length (cm)</i>		
mean	4.03	8.90
std. deviation	0.27	0.90
<i>Flower diameter (cm)</i>		
mean	2.53	3.20
std. deviation	0.19	0.26
<i>Colour of flower (RHS)</i>		
upper side	73A-B	N74B-C

*reference variety



Lychnis: 'Rollys Favorite' (right) with reference variety 'Peggy' (left)



Lychnis: 'Rollys Favorite' (right) with reference variety 'Peggy' (left)