



APPLICATIONS UNDER EXAMINATION

PELARGONIUM

PELARGONIUM (*Pelargonium ×hortorum*)

Proposed denomination: 'Zoncanro'
Trade name: Fidelity Candy Rose
Application number: 09-6779
Application date: 2009/10/30
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, Netherlands

Variety used for comparison: 'Clips Pinka' (Tango Deep Pink)

Summary: *The leaf blades of 'Zoncanro' are medium green with a weakly conspicuous zone on the upper side while those of 'Clips Pinka' are dark green with a moderately conspicuous zone. The upper petals of 'Zoncanro' have no markings while those of 'Clips Pinka' have moderately conspicuous purple red to blue pink stripes. The pedicels of 'Zoncanro' are longer than those of 'Clips Pinka'.*

Description:

PLANT: upright growth habit

STEM: green, medium thickness, dense pubescence

LEAF BLADE: type one shape, base ranging from open to closed

LEAF BLADE MARGIN: crenate, medium degree of lobing, shallow incisions, waviness ranging from weak to medium

UPPER SIDE OF LEAF BLADE: dense pubescence, medium green, no variegation

LEAF ZONE: weak conspicuousness on upper side, normal position on upper side, reddish brown on upper side

PETIOLE: dense pubescence

PEDUNCLE: dense pubescence, medium to strong anthocyanin colouration

INFLORESCENCE: pink colour group, medium number of open florets

PEDICEL: dense pubescence, reddish brown on middle third, no swelling

SEPAL: dense pubescence, mostly red with green at apex

FLOWER BUD: ovate

FLOWER: single to semi-double, overlapping of petals present, entire margin

UPPER PETAL: blue pink (RHS N66C) margin and middle on upper side, white (RHS NN155D) base on upper side, no markings, large white zone at base, white (RHS NN155D) with light blue pink (RHS 69B) towards margin on lower side

LOWER PETAL: blue pink (RHS N66C) margin and middle on upper side, no markings, no white zone at base, white (RHS NN155D) with light blue pink (RHS 69B) towards margin on lower side

Origin and Breeding: 'Zoncanro' was bred and developed as part of a controlled breeding program conducted by the breeder Theodorus C.M. van Kleinwee an employee of Syngenta Seeds B.V., Enkhuizen, The Netherlands. The new variety originated from a controlled cross conducted in May 2005 in Enkhuizen between the female parent designated 'N2073-2' and pollen from the male parent variety 'Zocarowe'. The resultant seed from the cross was sown in a greenhouse in December 2005. The new variety was selected as a single seedling from the progeny in May 2006 in Enkhuizen based on flower colour and plant growth habit.

Tests and Trials: Trials for 'Zoncanro' were conducted in a polyhouse during the summer of 2010 in St. Thomas, Ontario. The trial included a total of 15 plants each of the candidate and reference varieties. All plants were grown from rooted cuttings and transplanted into 15 cm pots on May 5, 2010. Observations and measurements were taken from 10 plants of each variety on June 16, 2010. All colour determinations were made using the 2007 Royal Horticultural Society (RHS) Colour Chart.

Comparison table for 'Zoncanro'

	'Zoncanro'	'Clips Pinka**'
<i>Colour of petal markings (RHS)</i>		
upper petal	N/A	closest to N66B-C
<i>Pedicel length (cm)</i>		
mean	3.0	2.1
std. deviation	0.52	0.22

*reference variety



Pelargonium: 'Zoncanro' (left) with reference variety 'Clips Pinka' (right)



Pelargonium: 'Zoncanro' (left) with reference variety 'Clips Pinka' (right)



Pelargonium: 'Zoncanro' (left) with reference variety 'Clips Pinka' (right)