



APPLICATIONS UNDER EXAMINATION

PELARGONIUM

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(Pelargonium ×hortorum)

Proposed denomination: 'Pacyell'
Application number: 10-6819
Application date: 2010/02/09
Applicant: Elsner pac Jungpflanzen, GbR, Dresden, Germany
Agent in Canada: BioFlora Inc., St. Thomas, Ontario
Breeder: Wilhem Elsner, Elsner, Wilhelm, Dresden, Germany

Description:

PLANT: very short to short foliage, narrow, medium to many inflorescences
STEM: green, very thin to thin

LEAF BLADE: medium to long, narrow to medium width, strong lobing, open to closed base, upper side medium to dark green, no variegation, no leaf zone, shallow bicrenate margin incisions, weak undulation of margin

INFLORESCENCE: medium length peduncle, small inflorescence diameter, very small number of open florets, largest floret small to medium in diameter, flower bud elliptic, flowers early to mid-season

PEDICEL: very short, light red at middle third, no swelling

FLORET: double, few to medium number of petals, entire petal margin

UPPER PETAL: very narrow to narrow, upper side yellow-green (RHS 2C) at margin and in middle, very weak striped markings, no white zone at base, lower side yellow green (RHS 1D)

LOWER PETAL: upper side yellow green (RHS 2C) at margin and in middle, no markings, lower side yellow green (RHS 1D)

INNER PETAL: upper side yellow green (RHS 2C) at middle, no markings.

Origin and Breeding: 'Pacyell' originated from a cross made during the summer of 2005 in Dresden, Germany. The female parent was an unnamed seedling which originated from a selfed seedling of the variety 'Botham's Surprise' and the male parent was a mix of pollen from different white flowered zonal pelargonium varieties. The new variety was selected from the resultant seedlings in June 2006, based on criteria for yellow flower colour, flower type, compact plant habit, dark foliage colour and very early flowering. Asexual reproduction of the new pelargonium by vegetative cuttings was first conducted in January 2007, in a controlled environment in Dresden, Germany.

Tests and Trials: The detailed description of 'Pacyell' is based on the UPOV report of Technical Examination, reference number PEL2318, purchased from the Bundessortenamt in Hannover, Germany. Trials were conducted at Hannover in 2009. Colour determinations were made using the 2001 Royal Horticultural Society (RHS) Colour Chart.



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