



## APPLICATIONS UNDER EXAMINATION

## PELARGONIUM

### PELARGONIUM (*Pelargonium xhortorum*)

**Proposed denomination:** 'PECZ0021'  
**Application number:** 20-10321  
**Application date:** 2020/07/21  
**Applicant:** Syngenta Crop Protection AG, Basel, Switzerland  
**Agent in Canada:** BioFlora Inc., St. Thomas, Ontario  
**Breeder:** Ronald Snijder, Syngenta Seeds B.V., Enkhuizen, Netherlands

#### Description:

**PLANT:** upright growth habit, medium foliage height, narrow to medium width

**STEM:** green, very weak to medium intensity of anthocyanin colouration

**LEAF BLADE:** medium length, medium width, shallow sinus, weak to medium undulation of margin, closed base, no variegation, dark green on upper side

**LEAF ZONE:** absent or very weak conspicuousness

**PEDUNCLE:** medium length, strong intensity of anthocyanin colouration of middle third

**INFLORESCENCE:** medium height, narrow to medium width, medium to many open flowers, medium to long largest flower, medium to broad largest flower

**PEDICEL:** longest pedicel is short to medium length, medium intensity of anthocyanin colouration of upper third, no swelling

**SEPAL:** absent or weak reflexing, weak intensity of anthocyanin colouration at the middle of broadest sepal

**FLOWER:** double type, few to medium number of petals, flat cross section in lateral view, no irregularly distributed stripes or blotches

**UPPER PETAL:** medium to broad, spatulate, entire margin at apex

**UPPER PETAL (INNER SIDE):** margin and middle is medium purple (more red than RHS N74A), strong to very strong conspicuousness of stripes and spot/spots, largest spot is large, dark red spot (RHS N45A), no zone at base

**UPPER PETAL (OUTER SIDE):** dark blue pink (RHS 67B)

**LOWER PETAL (INNER SIDE):** margin and middle is medium purple (RHS N74A), strong to very strong conspicuousness of marking, marking is single spot only, medium size largest spot, small violet zone at base

**LOWER PETAL (OUTER SIDE):** dark blue pink (RHS 67B)

**INNER PETAL (INNER SIDE):** medium purple (RHS N74A) in middle

**Origin and Breeding:** 'PECZ0021' originated from a controlled cross conducted by the breeder Ronald Snijder, in Enkhuizen, the Netherlands in July 2015. The cross was made between the female parent, a proprietary seedling designated '11339-4' and the male parent, a proprietary seedling designated 'PEZ-AZ3257-03'. The resultant seed was sown in December 2015. A single unique seedling was selected in April 2016, based on flower appearance, plant growth habit and tolerance to heat and drought.

**Tests and Trials:** The detailed description of 'PECZ0021' is based on the UPOV report of Technical Examination, application number 2020/1612, purchased from the Community Plant Variety Office, Angers, France. The trials were conducted by the Bundessortenamt in Hannover, Germany in 2022. Colour determination were made using the 2015 Royal Horticultural Society (RHS) Colour chart.



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