



APPLICATIONS UNDER EXAMINATION

WAXYLEAF NIGHTSHADE

WAXYLEAF NIGHTSHADE (*Solanum glaucophyllum*)

Proposed denomination: 'Hervit 153'
Application number: 20-10222
Application date: 2020/05/13
Applicant: Herbonis AG, Switzerland
Agent in Canada: Bereskin & Parr, Toronto, Ontario
Breeder: Amin Chaanin, VitaPlant AG, Uttwil, Switzerland

Note: The applicant has requested an exemption from compulsory licensing to allow time to multiply and distribute propagating material of the variety. If the exemption is granted, it may be allowed for two years from the date rights are granted for the variety.

Description:

PLANT: tall at flowering, upright growth habit

STEM: medium number of large lenticels

LEAF: medium length, medium to broad, dark intensity of green on upper side, elliptic shape, weak to medium degree of undulation of margin, weak blistering, strong waxiness

FLORAL PEDUNCLE: short to medium length, weak to medium intensity of anthocyanin colouration

FLOWER: medium number, medium size

PETALS: medium intensity of violet colour

CALYX: medium to strong intensity of anthocyanin colouration

FRUIT: drooping attitude, anthocyanin colouration present before maturity, light to medium intensity of green colour before maturity, dark to very dark intensity of violet colour at maturity, globular shape, medium size

TIME OF BEGINNING OF FLOWERING: early to mid-season

TIME OF MATURITY: early

SEED: medium size

Origin and Breeding: 'Hervit 153' (experimental designation SGL 153u) originated from an open pollination conducted by the breeder at the experimental station of VitaPlant AG in Uttwil, Switzerland. A group of 3 to 4 unnamed proprietary plants of *Solanum glaucophyllum* were allowed to open pollinate in 2008. The resulting seed was collected and plants of the seeds were planted in the field at VitaPlant's experimental station for evaluation over several years for their overall plant health, yield, number of leaves and active compounds in the leaves such as Vitamin D3. 'Hervit 153' was finally selected in 2012 for its leaf yield, the amount of active compounds in the leaves and overall plant health. Since its selection, the new variety has been asexually propagated by root cuttings and in vitro in Uttwil, Switzerland.

Tests and Trials: The detailed description of 'Hervit 153' is based on the UPOV report of Technical Examination, application number 4070498, purchased from the Variety and Seed Study and Control Group (Groupe d'étude et de contrôle des variétés et des semences) in Beaucozéz, France. The trial was conducted by the National Institute of Agricultural Research (Institut national de la recherche agronomique) in Cavaillon, France, in 2016.



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