



APPLICATIONS UNDER EXAMINATION

WINTERGREEN

WINTERGREEN
(Gaultheria procumbens)

Proposed denomination: 'GSW1600201'
Application number: 21-10544
Application date: 2021/05/26
Applicant: Genius Genes Intellectual Properties B.V., Wilp, Netherlands
Agent in Canada: BioFlora Inc., St. Thomas, Ontario
Breeder: Peter van de Pol, Genius Genes Production Facilities B.V., Twello, Netherlands

Variety used for comparison: 'Weisse Gaultherie'

Summary: *The petiole of the younger leaves of 'GSW1600201' have a strong intensity of anthocyanin colouration while those of 'Weisse Gaultherie' have an absent or very weak intensity of anthocyanin colouration. The leaf blade of 'GSW1600201' is shorter than the leaf blade of 'Weisse Gaultherie'. The fruit of 'GSW1600201' is smaller than that of 'Weisse Gaultherie'. The fruit of 'GSW1600201' is white while that of 'Weisse Gaultherie' is more white aging to pink.*

Description:

PLANT: erect attitude

BRANCH: light green to medium green, medium to strong intensity anthocyanin colouration at base, lignified base, medium green distal colour, 50 to 70 degree angle of secondary branches with main branch

PETIOLE: weakly channeled shape, medium green, strong intensity of anthocyanin colouration on young and mature leaves

LEAF: alternate position

LEAF BLADE: ovate to elliptic shape, brown green (darker than RHS N137A) upper side, very weakly recurved shape in longitudinal section, very weakly serrate margin, acuminate tip, medium to strong glossiness, light green lower side, medium intensity of anthocyanin colouration of young leaves

INFLORESCENCE: in axels or in short racemes

FLOWER: bell-shaped

COROLLA: white (RHS NN155D)

FRUIT: berry type

FRUIT SKIN: white (RHS NN155D), medium degree of glossiness

Origin and Breeding: 'GSW1600201' originated from a self-pollinated cross conducted in July 2014 in Twello, Netherlands with the proprietary parent variety designated '1000-8'. From the resulting progeny, 'GSW1600201' was selected in October 2015 for its plant growth habit, branch habit, plant shape, berry colour and production characteristics. 'GSW1600201' was first asexually reproduced by tissue culture in May 2016 in Twello, Netherlands.

Tests and Trials: The detailed description of 'GSW1600201' is based on the UPOV report of Technical Examination, application number 2018/0627, purchased from the Community Plant Variety Office in Angers, France. The trials were conducted by the Naktuinbouw in Roelofarendsveen, Netherlands, in 2019. The colour determinations were made using the 2015 Royal Horticultural Society (RHS) Colour Chart.

Comparison table for 'GSW1600201'

	'GSW1600201'	'Weisse Gaultherie'*
<i>Leaf blade length (mm)</i>		
range	35-45	45-55
<i>Fruit length (mm)</i>		
maximum	12	16

Fruit width (mm)
maximum 6 20

Colour of fruit skin (RHS)
main NN155D 157D, pink with age

*reference variety



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