



APPLICATIONS UNDER EXAMINATION

POLKA DOT PLANT

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(*Hypoestes phyllostachya*)

Proposed denomination: 'G15180'
Application number: 17-9319
Application date: 2017/10/23
Applicant: GardenGenetics LLC, Bellefonte, Pennsylvania, United States of America
Agent in Canada: BioFlora Inc., St. Thomas, Ontario
Breeder: Michael S. Uchneat, Uchneat, Micheal S., Bellefonte, Pennsylvania, United States of America
 Irene E. Palmer, Bellefonte, Pennsylvania, United States of America

Variety used for comparison: 'Splash Select White'

Summary: *The plants of 'G15180' are shorter than the plants of 'Splash Select White'. The stem of 'G15180' is medium in thickness with absent or very weak intensity of anthocyanin colouration whereas the stem of 'Splash Select White' is thin with weak to medium intensity of anthocyanin colouration. The petiole of 'G15180' is shorter than that of 'Splash Select White'.*

Description:

PLANT: vegetatively propagated, annual type, bushy-rounded growth habit, medium degree of branching

STEM: dark brown green (RHS 137B), absent or very weak intensity of anthocyanin colouration, very sparse pubescence, medium thickness, edged shape

PETIOLE: present

LEAF: opposite arrangement along stem

LEAF BLADE: ovate, acute apex, truncate base, entire margin, variegated

MATURE LEAF BLADE (UPPER SIDE): strong pubescence along mid-vein, dark grey green (RHS N189A) main colour, white (RHS NN155D) secondary colour

MATURE LEAF BLADE (LOWER SIDE): sparse to medium pubescence along mid-vein, medium to dark brown green (RHS 137B-C) main colour, white (RHS 155C) secondary colour

Origin and Breeding: 'G15180' was bred and developed by the breeder, Michael S. Uchneat in Bellefonte, Pennsylvania, USA. 'G15180' originated from an open sib-pollination between two proprietary varieties between April and June 2015. The new variety 'G15180' was selected as a single plant in September, 2015, based on plant growth vigour, mounded growth habit, leaf thickness, leaf colour, flowering time and sun tolerance. 'G15180' was first propagated by terminal cuttings in September 2015 in Bellefonte, Pennsylvania, U.S.A.

Tests and Trials: The comparative trial for 'G15180' was conducted in a polyhouse during the spring and summer of 2020, at BioFlora Inc., in St. Thomas, Ontario. The trial included 20 plants each of the candidate and reference variety. All plants were grown from rooted cuttings and transplanted into 1 litre containers on April 2020. The observations and measurements were taken from 10 plants or 10 parts of plants of each variety on July 16, 2020. All colour determinations were made using the 2007 Royal Horticultural Society (RHS) Colour Chart.

Comparison table for 'G15180'

	'G15180'	'Splash Select White'*
<i>Plant height (cm)</i>		
mean	19.4	31.2
std. deviation	3.08	2.21
<i>Petiole length (cm)</i>		
mean	2.6	4.8
std. deviation	0.27	0.87

*reference variety



Polka Dot Plant: 'G15180' (left) with reference variety 'Splash Select White' (right)



Polka Dot Plant: 'G15180' (left) with reference variety 'Splash Select White' (right)