



APPLICATIONS UNDER EXAMINATION

VINCA

VINCA
(*Vinca minor*)

Proposed denomination: 'Vinsid1'
Application number: 08-6424
Application date: 2008/08/05
Applicant: Gurjit Sidhu, Mission, British Columbia
Breeder: Gurjit Sidhu, Mission, British Columbia

Variety used for comparison: 'Illumination'

Summary: 'Vinsid1' has medium green stems while those of 'Illumination' are pale yellow. The leaves of 'Vinsid1' have a cuneate base while those of 'Illumination' have an obtuse base. 'Vinsid1' differs from 'Illumination' in the main colour on the upper and lower sides of the leaves. The flowers of 'Vinsid1' are larger than those of 'Illumination'.

Description:

PLANT: spreading/trailing growth habit, medium number of growing shoots

STEM: medium green, medium to strong anthocyanin colouration, weak glaucosity, weak pubescence, thin, smooth shape

LEAF: opposite arrangement along stem, simple type, elliptic and ovate, acute to obtuse apex, cuneate base, entire margin, variegated, dark green to light green with thin brown green (RHS 137B-C) margin on upper side of new leaf, dark green with thin dark green (RHS 139A) margin on upper side of mature leaf, light green with dark green blotches on lower side of new leaf, dark green on lower side of mature leaf

PETIOLE: present

FLOWER: violet blue (RHS 93B-C) when newly opened, violet blue (RHS 94B-C) when fully opened

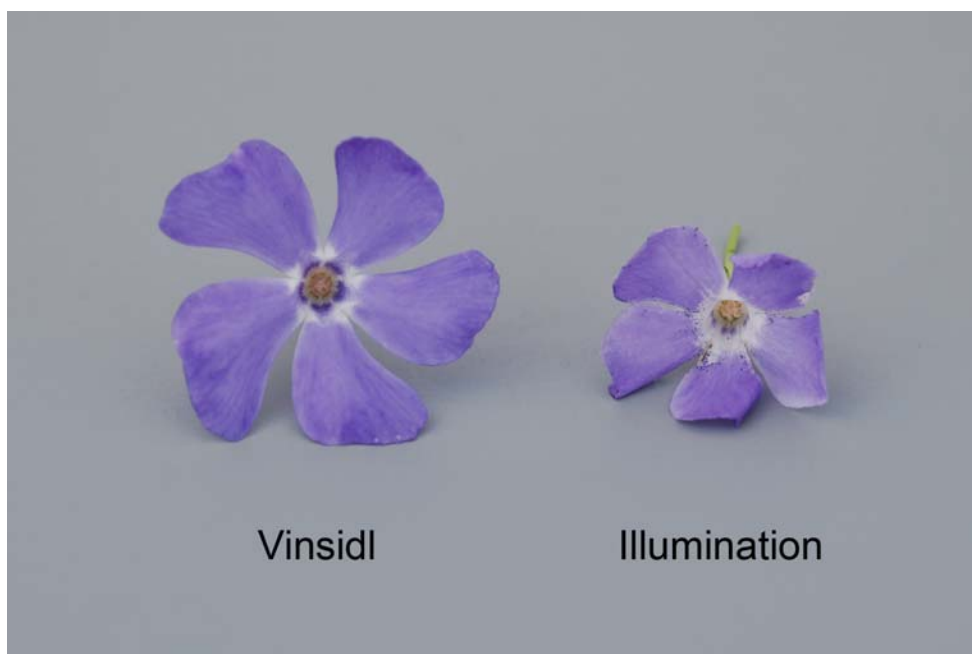
Origin and Breeding: 'Vinsid1' originated from a branch mutation of the *Vinca minor* variety 'Mrs. Bowles' in April 2005. The new variety was selected by Gurjit Sidhu in Mission, British Columbia based on leaf variegation and flower size. Propagation of 'Vinsid1' by micropropagation was first conducted in the winter of 2005. The variety has been evaluated for stability, uniformity and performance since the summer of 2006.

Tests and Trials: Trials for 'Vinsid1' were conducted in a polyhouse during the summer of 2008 in St. Thomas, Ontario. Trials included 15 plants each of the candidate and reference varieties. Rooted cuttings were planted into 15 cm containers on June 16, 2008. Observations and measurements were taken from 10 plants of each variety on August 9, 2008. All colour determinations were made using the 2001 Royal Horticultural Society (RHS) Colour Chart.

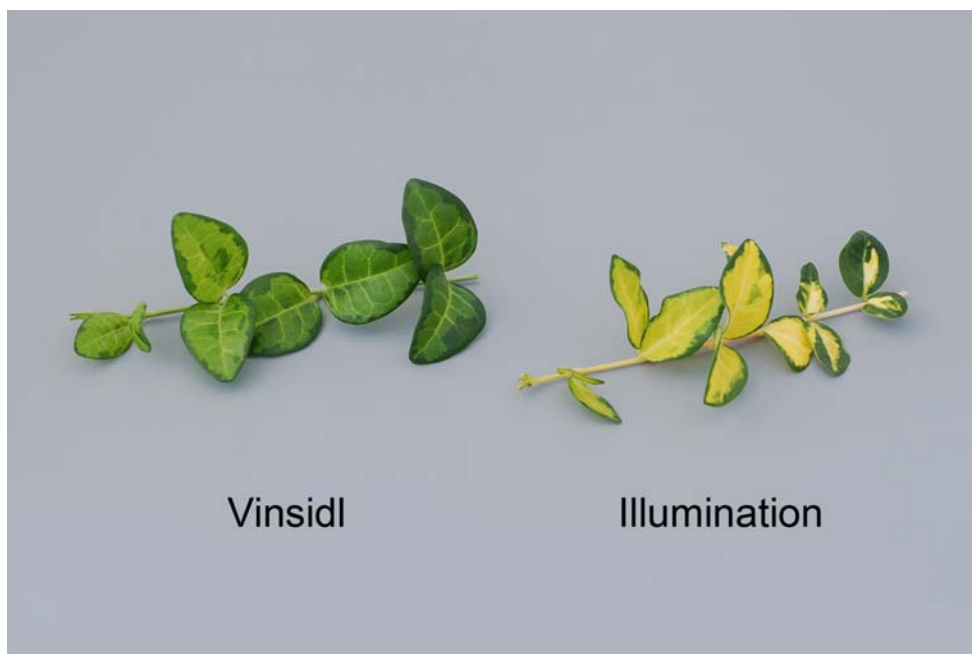
Comparison table for 'Vinsid1'

	'Vinsid1'	'Illumination'*
<i>Main colour of leaf (RHS)</i>		
new leaf - upper side	144A-C	151B
new leaf - lower side	145B-C with 143C blotches	N/A
mature leaf - upper side	137A	10A-B
mature leaf - lower side	137A	5D
<i>Flower diameter (cm)</i>		
mean	3.0	2.3
std. deviation	0.27	0.14

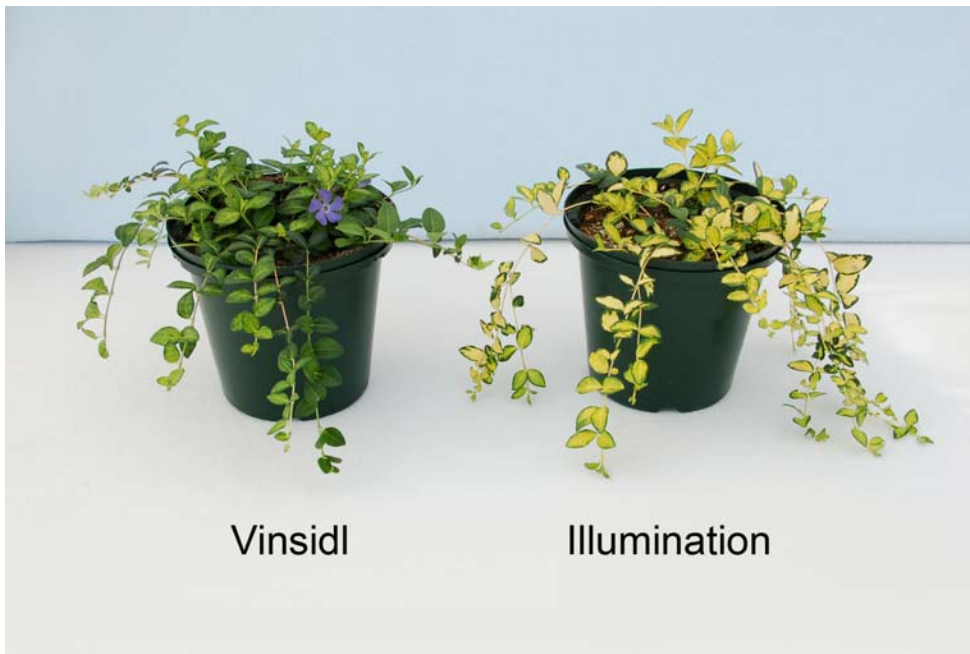
*reference variety



Vinca: 'Vinsidl' (left) with reference variety 'Illumination' (right)



Vinca: 'Vinsidl' (left) with reference variety 'Illumination' (right)



Vinca: 'Vinsidl' (left) with reference variety 'Illumination' (right)