



APPLICATIONS UNDER EXAMINATION

HEUCHERA

**HEUCHERA**  
(*Heuchera*)

**Proposed denomination:** 'PWHEU0109'  
**Trade name:** Dolce Blackcurrant  
**Application number:** 07-5783  
**Application date:** 2007/03/02  
**Applicant:** A. Wijnhout, Lisserbroek, The Netherlands  
**Agent in Canada:** BioFlora Inc., St. Thomas, Ontario  
**Breeder:** A. Wijnhout, Lisserbroek, The Netherlands

**Varieties used for comparison:** 'TNHEU044' (Dolce Licorice) and 'Velvet Night'

**Summary:** 'PWHEU0109' has stronger undulation of the leaf margin than 'Velvet Night'. The main colour on the upper side of the leaf blade is grey for 'PWHEU0109' while it is dark purple for 'TNHEU044' and dark grey for 'Velvet Night'. The lower side of the leaf blade is purple for 'PWHEU0109' while it is red to purple for 'TNHEU044'. The upper side of the leaf blade has more conspicuous venation for 'PWHEU0109' than for both reference varieties.

**Description:**

PLANT: growth habit intermediate between upright and arching

LEAF: palmate, weak rugosity, broad ovate, closed to partly overlapping, medium depth lobing, margins ciliate with shallow crenate incisions, medium to strong undulation of margin, weak to medium glossiness, very sparse pubescence on upper side, absent to very sparse pubescence on lower side, grey on upper side, purple on lower side

PETIOLE: sparse pubescence.

**Origin and Breeding:** 'PWHEU0109' was discovered as a chance seedling of unknown parentage, in Hillegom, The Netherlands in October 2001. Selection criteria included foliage colour and shape.

**Tests and Trials:** Trials for 'PWHEU0109' were conducted in a polyhouse during the spring of 2008 in St. Thomas, Ontario. The trial included a total of 15 plants of each variety. All plants were grown from rooted cuttings which were transplanted into 15 cm pots on May 16, 2008. Observations and measurements were taken from 10 plants of each variety on August 6, 2008. All colour determinations were made using the 2001 Royal Horticultural Society (RHS) Colour Chart 2001.

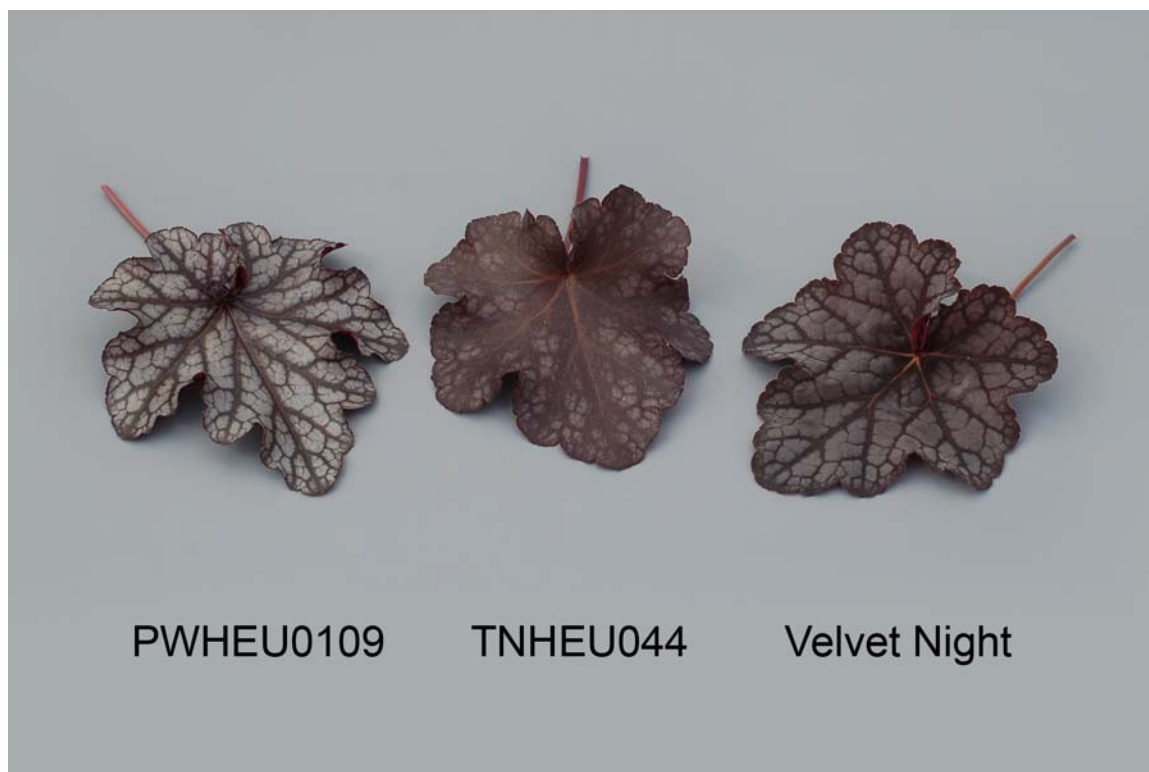
**Comparison table for 'PWHEU0109'**

	'PWHEU0109'	'TNHEU044'*	'Velvet Night'*
<i>Colour of upper side of leaf blade (RHS)</i>			
new growth - between veins	202B-C	N186A (darker than)	202B (lighter than)
new growth - veins	N186A	N187B-C	186A
mature growth - between veins	198B (greyer than)	202B	202B-C
mature growth - veins	N200A	200A	202A
<i>Colour of lower side of leaf blade (RHS)</i>			
mature growth	N79A (darker than)	N79A (redder than)	N79A (darker than)

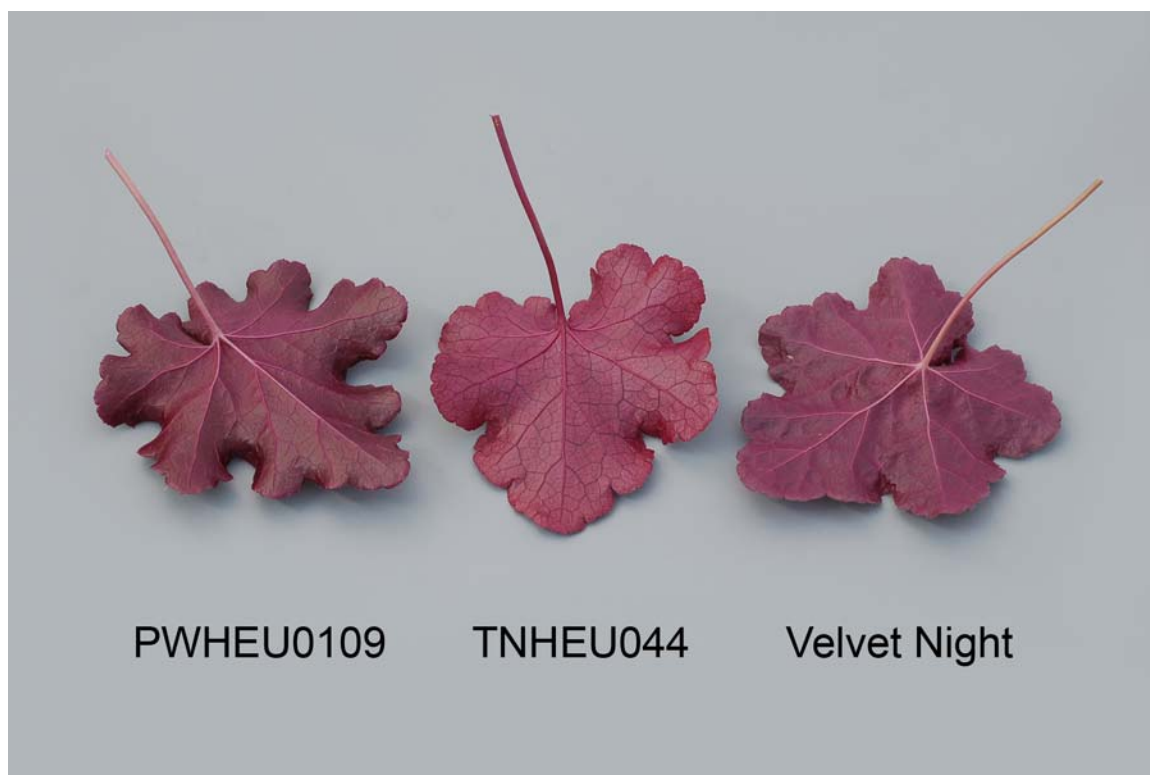
\*reference varieties



Heuchera: 'PWHEU0109' (left) with reference varieties 'TNHEU044' (centre) and 'Velvet Night' (right)



Heuchera: 'PWHEU0109' (left) with reference varieties 'TNHEU044' (centre) and 'Velvet Night' (right)



Heuchera: 'PWHEU0109' (left) with reference varieties 'TNHEU044' (centre) and 'Velvet Night' (right)

---