



APPLICATIONS UNDER EXAMINATION

HEUCHERA

**HEUCHERA**  
*(Heuchera)*

**Proposed denomination:** 'Christa'  
**Application number:** 08-6134  
**Application date:** 2008/01/18  
**Applicant:** Walters Gardens, Inc., Zeeland, Michigan, United States of America  
**Agent in Canada:** Variety Rights Management, Oxford Station, Ontario  
**Breeder:** Thierry Delabroye, Hantay, France

**Variety used for comparison:** 'Caramel'

**Summary:** 'Christa' has a shorter plant height and narrower plant width than 'Caramel'. 'Christa' has a smaller leaf blade than 'Caramel'. The upper side of the leaf blade of 'Christa' has light orange brown secondary colour between the veins while the leaf blade of 'Caramel' has no secondary colour.

**Description:**

PLANT: mounded growth habit, sparse branching

LEAF: simple, cordate to rounded shape, acute to rounded apex, cordate base, crenate and lobed margin

UPPER SIDE: medium pubescence, absent or very weak glaucosity, brown purple (RHS 178B) to brown (RHS 175B-C), light orange brown (lighter than RHS N170D) secondary colour between the veins

LOWER SIDE: very sparse pubescence on lower side, brown purple (RHS 184B-C)

PETIOLE: present, medium to strong anthocyanin colouration

**Origin and Breeding:** 'Christa' originated from a cross between the heuchera varieties 'Caramel' and 'Gloire D'Orleans', made in Hantay, France in the summer of 2005. The purpose of the cross was to create new heuchera varieties with new foliage colours, improved plant growth habit and better heat tolerance.

**Tests and Trials:** Trials were conducted during the summer of 2009 in Oxford Station, Ontario. Fifteen plants of each variety were grown in 15 cm pots in a polyhouse. Plants were spaced approximately 60 cm apart. Observations and measurements were taken on 10 plants of each variety. Colours were determined using the 2001 Royal Horticultural Society (RHS) Colour Chart.

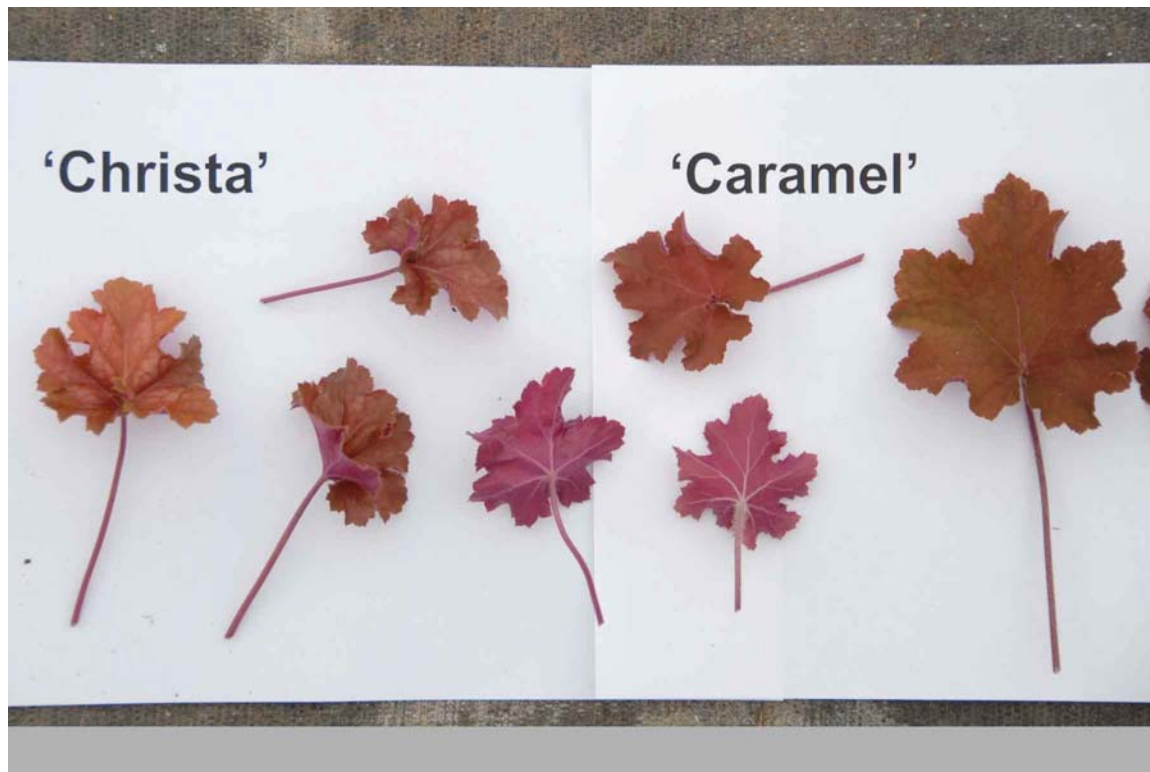
**Comparison table for 'Christa'**

	'Christa'	'Caramel'*
<i>Plant height (cm)</i>		
mean	14.44	20.61
std. deviation	1.49	2.06
<i>Plant width (cm)</i>		
mean	30.28	41.56
std. deviation	3.99	2.83
<i>Leaf blade length (cm)</i>		
mean	6.94	10.14
std. deviation	1.26	1.25
<i>Leaf blade width (cm)</i>		
mean	6.90	10.10
std. deviation	1.14	1.16

Colour of upper side of leaf blade (RHS)

primary	178B to 175B-C	175B to 176A
secondary	N170D (lighter than)	N/A

\*reference variety



Heuchera: 'Christa' (left) with reference variety 'Caramel' (right)