



APPLICATIONS UNDER EXAMINATION

HEUCHERA

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(Heuchera)

Proposed denomination: 'Lemon Chiffon'
Application number: 07-5914
Application date: 2007/05/10
Applicant: Terra Nova Nurseries Inc., Tigard, Oregon, United States of America
Agent in Canada: BioFlora Inc., St. Thomas, Ontario
Breeder: Janet N. Egger, Terra Nova Nurseries, Inc., Tigard, Oregon, United States of America

Variety used for comparison: 'TNHEU042' (Key Lime Pie)

Summary: *The main colour of the upper side of the leaf blade is yellow to light green for 'Lemon Chiffon' while it is light green for 'TNHEU042'. The new leaf growth is light yellow for 'Lemon Chiffon' while it is green for 'TNHEU042'. The petiole of 'Lemon Chiffon' is brown at the base changing to brown green at the apex while the petiole of 'TNHEU042' is light green. 'Lemon Chiffon' has anthocyanin colouration on the petiole while 'TNHEU042' has no anthocyanin.*

Description:

PLANT: growth habit intermediate between upright and arching

LEAF: palmate, weak rugosity, broad ovate, open to partly overlapping base, medium degree of lobing, crenate margin, shallow to medium depth incisions, margin edge ciliate, weak undulation of margin

LEAF BLADE - UPPER SIDE: mottling of colour absent, new leaf light yellow, mature leaf yellow to light green, aged leaf yellow, veins yellow green (RHS 150D), very sparse pubescence

LEAF BLADE - LOWER SIDE: yellow to light green, very sparse pubescence

PETIOLE: dense pubescence, brown at base, brown green towards apex, strong anthocyanin colouration at base fading to weak at apex.

Origin and Breeding: 'Lemon Chiffon' originated from a cross conducted at Terra Nova Nurseries, Inc. in Canby, Oregon, USA. The female parent was the variety 'Amber Waves' and the pollen parent was the variety 'Huntsman'. The new variety was selected in the spring of 2002, based on foliage colour throughout the season and plant vigour.

Tests and Trials: Trials for 'Lemon Chiffon' were conducted in a polyhouse during the summer of 2008 at BioFlora Inc. in St. Thomas, Ontario. The trial included a total of 15 plants of the candidate variety and reference variety. All plants were grown from rooted cuttings and transplanted into 15 cm pots on May 16, 2008. Observations and measurements were taken from 10 plants of each variety on September 13, 2008. All colour determinations were made using the 2001 Royal Horticultural Society Colour Chart.

Comparison table for 'Lemon Chiffon'

	'Lemon Chiffon'	'TNHEU042'*
<i>Colour of leaf blade (RHS)</i>		
upper side - new growth	9C	144A
upper side - mature growth	144A	144A to 144D
lower side	147D	145D
<i>Colour of petiole (RHS)</i>		
base	166B	145B
apex	193A	145B

*reference variety



Heuchera: 'Lemon Chiffon' (left) with reference variety 'TNHEU042' (right)



Heuchera: 'Lemon Chiffon' (left) with reference variety 'TNHEU042' (right)