



APPLICATIONS UNDER EXAMINATION

NINEBARK

NINEBARK
(Physocarpus opulifolius)

Proposed denomination: 'Tres'
Application number: 07-5988
Application date: 2007/08/23
Applicant: Spring Meadow Nursery, Inc., Grand Haven, Michigan, United States of America
Agent in Canada: BioFlora Inc., St. Thomas, Ontario
Breeder: Timothy D. Wood, Spring Lake, Missouri, United States of America

Variety used for comparison: 'Seward' (Summer Wine)

Summary: *The plants of 'Tres' are shorter and narrower than those of 'Seward'. 'Tres' has medium to dense foliage while 'Seward' has sparse to medium foliage density. The branchlets of 'Tres' are shorter than those of 'Seward'. 'Tres' has crenate leaf margins while 'Seward' has dentate to denticulate margins. The upper side of the leaves of 'Tres' have strong glossiness while those of 'Seward' have weak to medium glossiness. 'Tres' differs slightly from 'Seward' in the colour on the upper side of the leaves.*

Description:

SHRUB: deciduous, bushy upright, medium to dense foliage

STEM: reddish brown, strong to very strong anthocyanin colouration

BRANCH: medium density, erect to semi-erect attitude, medium to rigid, reddish brown bark

BRANCHLET: medium density, reddish brown, very strong anthocyanin colouration

LEAF: alternate arrangement, ovate, acute apex, rounded base, crenate margin, medium degree of folding when newly opened, weak to medium depth of lobing, strong glossiness on upper side, dark brown on upper side when newly opened, dark brown on upper side when fully opened, brown green (RHS 191B) with dark brown (RHS N186C) tones on lower side when newly opened, brown green (RHS 147B) on lower side when fully opened

LEAF MIDRIB: weak prominence on upper side, medium to strong prominence on lower side, medium to strong anthocyanin colouration on lower side, dark purple red to dark pink red (RHS 53B-C) on lower side

PETIOLE: present, medium length

Origin and Breeding: 'Tres' originated from a controlled cross between the female parent 'Nana' and the male parent 'Monlo'. The cross was conducted by the breeder Timothy D. Wood in June 2000 in Grand Haven, Michigan. The new variety was selected in 2003 based on foliage colour and plant growth habit. 'Tres' was asexually reproduced for the first time by softwood cuttings in June 2003 in Grand Haven, Michigan, United States.

Tests and Trials: Trials for 'Tres' were conducted in an outdoor container trial during the summer of 2008, in St. Thomas, Ontario. The trial included a total of 15 plants of the candidate variety and 8 plants of the reference variety. Trials were arranged outdoors in rows with approximately 1 metre spacing between plants. Observations and measurements were taken on September 16, 2008. All colour determinations were made using the 2001 Royal Horticultural Society (RHS) Colour Chart.

Comparison table for 'Tres'

	'Tres'	'Seward'*
<i>Plant height (cm)</i>		
mean	46.9	58.8
std. deviation	2.33	2.08
<i>Plant width (cm)</i>		
mean	58.3	76.2
std. deviation	3.06	4.32

Branchlet length (cm)

mean	28.1	45.1
std. deviation	2.02	3.81

Main colour on upper side of leaf (RHS)

newly opened	darker than 200A	200B with strong tones of 187A
fully opened	N200A	N200A with tones of 187A

*reference variety



Ninebark: 'Tres' (left) with reference variety 'Seward' (right)



Ninebark: 'Tres' (left) with reference variety 'Seward' (right)



Ninebark: 'Tres' (left) with reference variety 'Seward' (right)
