



APPLICATIONS UNDER EXAMINATION

LAVENDER

LAVENDER
(Lavandula angustifolia)

Proposed denomination: 'Lablusa'
Application number: 07-6019
Application date: 2006/10/13 (priority claimed)
Applicant: Syngenta Crop Protection AG, Basel, Switzerland
Agent in Canada: Brenda Cole, BioFlora Inc., St. Thomas, Ontario
Breeder: M. Gutter, Enkhuizen, The Netherlands

Variety used for comparison: 'Munstead'

Summary: 'Lablusa' has a shorter plant height than 'Munstead'. 'Lablusa' has weaker green colour of the foliage and a lighter green stem than 'Munstead'. 'Lablusa' has a shorter spike length than 'Munstead'. 'Lablusa' has a denser spike than 'Munstead'. 'Lablusa' flowers earlier than 'Munstead'.

Description:

PLANT: bushy to rounded, erect outer flowering stems, dense
 FOLIAGE: weak intensity of green, strong intensity of grey

LEAF: grey green upper side, no margin incisions

FLOWERING: mid-season

FLOWERING STEM: thin, light green, dense pubescence, lateral branching present above foliage

SPIKE: dense whorls, cylindrical, medium number of flowers, no infertile bracts

CALYX: bluish violet with green at base, dense pubescence

COROLLA: light blue violet with darker blue violet at margin

Origin and Breeding: 'Lablusa' originated through inbred breeding of the *Lavandula angustifolia* variety 'Hidcote Blue'. The breeder conducted 3 cycles of half-sib selections of this variety during the period from August 1998 through to July 2000, in Enkhuizen, The Netherlands. The seeds from the selection were sown in January 2001 and a single seedling was selected in July 2001. The selection criteria included compact plant habit, good branching characteristics and early flowering. Asexual reproduction by cuttings was first conducted in August 2001, in Enkhuizen, The Netherlands.

Tests and Trials: Trials for 'Lablusa' 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 per variety. All plants were grown from rooted cuttings and transplanted into 1 gallon containers on April 16, 2008. Observations and measurements were taken from 10 plants of each variety at full flowering. Plants of the variety 'Lablusa' were observed on July 25, 2008 and plants of the variety 'Munstead' were observed on August 25, 2008. All colour determinations were made using the 2001 Royal Horticultural Society (RHS) Colour Chart.

Comparison table for 'Lablusa'

	'Lablusa'	'Munstead'*
<i>Plant height (cm)</i>		
mean	31.6	41.0
std. deviation	2.60	2.31
<i>Spike length (cm)</i>		
mean	5.1	6.5
std. deviation	0.62	1.05
<i>Colour of calyx (RHS)</i>		
main	86A-B	145C

Colour of corolla (RHS)

main

85B with N88C margin

N87C-D

*reference variety



Lablusa

Aromatic Blue

Munstead

Lavender: 'Lablusa' (left) with reference variety 'Munstead' (right)