



## APPLICATIONS UNDER EXAMINATION

## LAVENDER

### LAVENDER (*Lavandula angustifolia*)

**Proposed denomination:** 'LA007'  
**Application number:** 17-9324  
**Application date:** 2017/10/23  
**Applicant:** Sunrise Greenhouses Ltd., Vineland, Ontario  
**Agent in Canada:** BioFlora Inc., St. Thomas, Ontario  
**Breeder:** Rodney Bierhuizen, Sunrise Greenhouses Ltd., Vineland, Ontario

**Variety used for comparison:** 'Munstead'

**Summary:** *The plant growth habit of 'LA007' is upright to bushy while that of 'Munstead' is bushy to spreading. Excluding the flowering stem, the plants of 'LA007' are shorter than the plants of 'Munstead'. The plants of 'LA007' are narrower than the plants of 'Munstead'. The foliage of 'LA007' is light green while that of 'Munstead' is medium green. The leaf of 'LA007' is longer than the leaf of 'Munstead'. The basal part of the flowering stem of 'LA007' has strong rigidity while the basal part of the flowering stem of 'Munstead' is of medium rigidity. Above the foliage, the flowering stem of 'LA007' has few lateral branches while the flowering stem of 'Munstead' has medium to many lateral branches. 'LA007' has a longer spike than that of 'Munstead'. The corolla of 'LA007' is blue violet while that of 'Munstead' is lighter blue violet.*

#### Description:

**PLANT:** upright to bushy growth habit, erect attitude of outer flowering stems at full flowering, dense at full flowering, foliage with strong intensity of grey colour

**LEAF:** light green on upper side, no margin incisions

**TIME OF BEGINNING OF FLOWERING:** mid-season

**FLOWERING STEM:** medium green, strong rigidity of basal part, few lateral branches above foliage

**SPIKE:** conical and truncate conical shape, medium number of flowers, 7 to 13 flowers per apical whorl

**BRACTEOLE:** always present, short (5mm)

**FERTILE BRACT:** absent

**INFERTILE BRACT:** absent

**CALYX:** greenish at base, purplish towards apex, dense pubescence

**COROLLA:** blue violet (RHS 90D)

**Origin and Breeding:** 'LA007' originated from a naturally occurring branch mutation of the parent variety 'LA006' in a trial stock in Vineland, Ontario in Canada. It was discovered and developed by breeder Rodney Bierhuizen on May 21, 2015. The parent variety 'LA006' was discovered by the breeder as a mutation of 'Munstead'. The new variety was selected based on its silver foliage, light purple flower colour, pyramidal growth habit and strong branching. 'LA007' was first propagated by vegetative cuttings on June 3, 2015, in Vineland, Ontario.

**Tests and Trials:** The comparative trial of 'LA007' was conducted in a polyhouse during the spring and summer of 2018 at BioFlora Inc. in St. Thomas, Ontario. The trial included a total of 20 plants of each variety. All plants were grown from rooted cuttings and transplanted into 15 cm pots on May 2, 2018. Observations and measurements were taken from 10 plants, or parts of plants, of each variety on July 20, 2018. All colour determinations were made using the 2007 Royal Horticultural Society (RHS) Colour Chart.

Comparison table for 'LA007'

	'LA007'	'Munstead'*
<i>Plant height (cm)</i>		
mean	27.8	45.3
std. deviation	2.49	4.54
<i>Plant width (cm)</i>		
mean	40.4	56.0
std. deviation	2.0	3.5
<i>Leaf length (cm)</i>		
mean	7.2	4.2
std. deviation	0.62	0.28
<i>Spike length (cm)</i>		
mean	8.4	5.6
std. deviation	1.0	0.93
<i>Colour of corolla (RHS)</i>		
inner side	90D	N88C

\*reference variety



Lavender: 'LA007' (left) with reference variety 'Munstead' (right)



Lavender: 'LA007' (left) with reference variety 'Munstead' (right)



Lavender: 'LA007' (left) with reference variety 'Munstead' (right)