



APPLICATIONS UNDER EXAMINATION

LAVENDER

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(Lavandula stoechas)

Proposed denomination: 'Jin Cobule'
Trade name: Javelin Compact Blue
Application number: 07-6094
Application date: 2007/12/24
Applicant: Goldsmith Seeds, Europe B.V., Andijk, The Netherlands
Agent in Canada: BioFlora Inc., St. Thomas, Ontario
Breeder: Eric Giesen, Goldsmith Seeds, Europe B.V., Andijk, The Netherlands

Variety used for comparison: 'Belpur' (Bella Purple)

Summary: *The leaves of 'Jin Cobule' are longer than those of 'Belpur'. The flowering stems of 'Jin Cobule' are thick whereas they are thin on 'Belpur'. The spike of 'Jin Cobule' is longer and wider than that of 'Belpur'. The corolla diameter of 'Jin Cobule' is larger than that of 'Belpur'.*

Description:

PLANT: dense, upright bushy growth habit, erect attitude of outer flowering stems

LEAF: semi-erect to erect attitude, blue green upper side, weak intensity of green, medium intensity of grey, no margin incisions

FLOWERING STEM: thick, light green, dense pubescence, no lateral branching above foliage

SPIKE: dense whorls, cylindrical shape, many flowers, infertile bracts violet (RHS N81C)

CALYX: greenish with red brown tones, dense pubescence

COROLLA: strong intensity of dark violet (RHS 86A) when newly opened, strong intensity of dark violet (RHS 83A) when fully opened

Origin and Breeding: 'Jin Cobule' originated from the cross of 'LA04-1-1', a proprietary line with purple flowers and 'LA03-2-1', a proprietary line with lavender flowers, made in May 2003 at Andijk, the Netherlands. Seed from the resulting cross was sown in a greenhouse in January 2005. A single plant from the progeny was selected for flower colour and plant habit in August 2005.

Tests and Trials: Trials for 'Jin Cobule' were conducted in a polyhouse during the summer of 2009 at BioFlora Inc. in St. Thomas, Ontario. The trial included a total of 15 plants per variety. Rooted cuttings were planted into 15 cm pots on May 5, 2009. Observations and measurements were taken from 10 plants of each variety on July 7, 2009. All colour determinations were made using the 2001 Royal Horticultural Society (RHS) Colour Chart.

Comparison table for 'Jin Cobule'

	'Jin Cobule'	'Belpur'*
<i>Plant height (cm)</i>		
mean	24.4	20.9
std. deviation	1.54	3.04
<i>Plant width (cm)</i>		
mean	21.7	25.4
std. deviation	2.13	3.63
<i>Leaf length (cm)</i>		
mean	3.8	2.8
std. deviation	0.16	0.25
<i>Spike length (cm)</i>		
mean	4.5	3.3
std. deviation	0.32	0.38

Spike: width of fertile bracts (mm)

mean	13.1	6.9
std. deviation	0.77	0.99

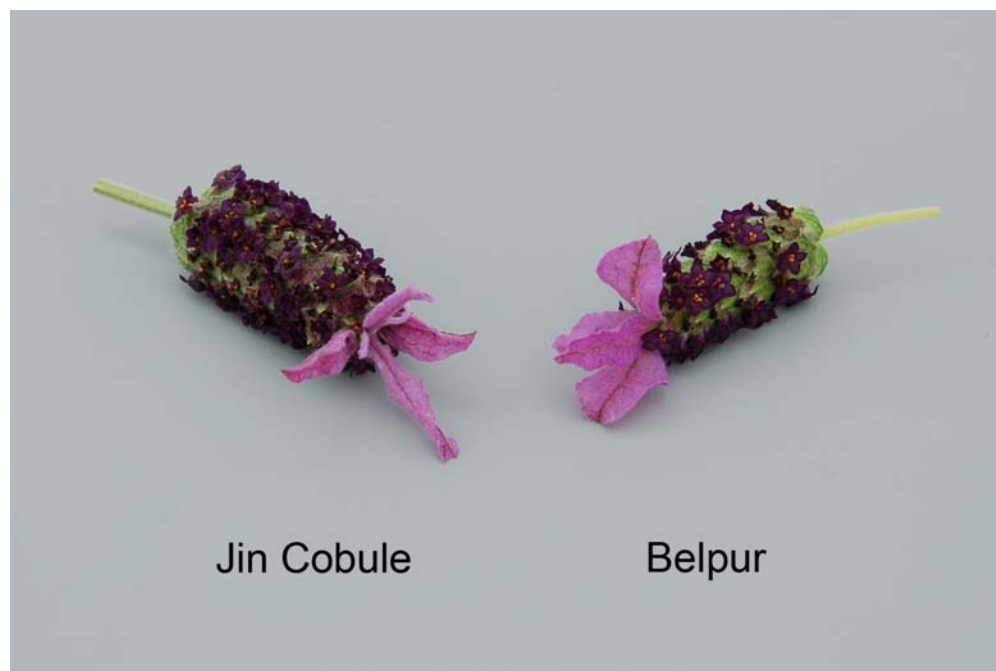
Corolla diameter (mm)

mean	6.1	4.8
std. deviation	0.37	0.35

*reference variety



Lavender: 'Jin Cobule' (left) with reference variety 'Belpur' (right)



Lavender: 'Jin Cobule' (left) with reference variety 'Belpur' (right)