



APPLICATIONS UNDER EXAMINATION

GAURA

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(Gaura lindheimeri)

Proposed denomination: 'KLEGL06261'
Trade name: Belleza Early Pink
Application number: 06-5546
Application date: 2006/07/07
Applicant: Nils Klemm, Stuttgart, Germany
Agent in Canada: Brenda Cole, BioFlora Inc., St. Thomas, Ontario
Breeder: Nils Klemm, Stuttgart, Germany

Variety used for comparison: 'Gaudros' (Geysler Pink)

Summary: 'KLEGL06261' has a shorter plant height than 'Gaudros'. 'KLEGL06261' has sparse pubescence on the lower side of the leaf blade while 'Gaudros' has medium to dense pubescence. 'KLEGL06261' has strong anthocyanin colouration in the flower bud while 'Gaudros' has medium anthocyanin. 'KLEGL06261' has a smaller flower diameter than 'Gaudros'. 'KLEGL06261' has strong to very strong anthocyanin colouration on the corolla tube while 'Gaudros' has medium anthocyanin. 'KLEGL06261' has more conspicuous secondary colour on the upper side of the petal than 'Gaudros'.

Description:

PLANT: upright-bushy growth habit, dense branching

STEM: thin, medium green, moderate pubescence

LEAF: alternate arrangement, lanceolate, acute apex, attenuate base, entire margin, very weak to weak undulation of margin, medium pubescence on upper side, sparse pubescence on lower side, medium green on upper side, no variegation

SEPAL: lanceolate, absent to very sparse pubescence on upper side, sparse pubescence on lower side, weak anthocyanin colouration

FLOWERING: mid-season, almost continuous

INFLORESCENCE: panicle

FLOWER BUD: strong anthocyanin colouration

COROLLA TUBE: strong to very strong anthocyanin colouration

PETAL: elliptic, rounded apex, attenuate base, entire margin, light blue pink on upper side, purple red mid-vein and secondary veins on upper side.

Origin and Breeding: 'KLEGL06261' originated from an open pollination between the proprietary seedling V 001 and an unknown male parent, made in Stuttgart, Germany in 2003. In June 2004, 850 seedlings were selected in Stuttgart, one of which would be designated as 'KLEGL06261'. Selection criteria included growth habit and time of flowering. Outdoor performance trials were conducted to assess growth habit, flowering habit and tolerance to heat and rain.

Tests and Trials: Trials for 'KLEGL06261' were conducted during the spring/summer of 2008 in a polyhouse at BioFlora Inc. in St. Thomas, Ontario. There were 15 plants each of the candidate and reference varieties. The plants were grown from rooted cuttings which were transplanted into 15 cm pots on May 13, 2008. Observations and measurements were taken from 10 plants on July 14, 2008. All colour determinations were made using the 2001 Royal Horticulture Society (RHS) Colour Chart.

Comparison table for 'KLEGL06261'

	'KLEGL06261'	'Gaudros'*
<i>Plant height (cm)</i>		
mean	34.6	47.9
std. deviation	3.27	4.95

Flower diameter (cm)

mean	2.9	3.5
std. deviation	0.17	0.14

Colour of upper side of petal (RHS)

primary	56C	69B
mid vein	N57A	N57B
secondary veins	N57B-C	N57C

*reference variety



Gaura: 'KLEGL06261' (left) with reference variety 'Gaudros' (right)



Gaura: 'KLEGL06261' (left) with reference variety 'Gaudros' (right)



Gaura: 'KLEGL06261' (left) with reference variety 'Gaudros' (right)