



## APPLICATIONS UNDER EXAMINATION

GAURA

### GAURA (*Gaura lindheimeri*)

**Proposed denomination:** 'DGAUR137'  
**Trade name:** Karalee Petite Pink Imp.  
**Application number:** 18-9379  
**Application date:** 2018/02/13  
**Applicant:** Danziger - "Dan" Flower Farm, Moshav Mishmar Hashiva, Israel  
**Agent in Canada:** BioFlora Inc., St. Thomas, Ontario  
**Breeder:** Gavriel Danziger, Danziger - "Dan" Flower Farm, Moshav Mishmar Hashiva, Israel

**Variety used for comparison:** 'KLEGL06261' (Belleza Compact Light Pink)

**Summary:** *The plants of 'DGAUR137' are shorter and narrower than those of 'KLEGL06261'. The intensity of anthocyanin colouration on the young shoot of 'DGAUR137' is absent or very weak to weak while it is strong for 'KLEGL06261'. The leaves of 'DGAUR137' are longer and wider than those of 'KLEGL06261'. The area covered by anthocyanin colouration on the leaf of 'DGAUR137' is medium to large while the area is small to medium for 'KLEGL06261'. The flower of 'DGAUR137' is wider than the flower of 'KLEGL06261'. The petal veins are of medium conspicuousness for 'DGAUR137' while they have a strong conspicuousness for 'KLEGL06261'. The filament colour for 'DGAUR137' is white tinged pink while it is red for 'KLEGL06261'.*

#### Description:

PLANT: upright-bushy growth habit, dense, high abundance of flowers

STEM: strong, medium number of branches, many leaves, leaves distributed at basal three quarters

YOUNG SHOOT: absent or very weak to weak intensity of anthocyanin colouration

LEAF BLADE: maximum width at mid-point, absent or very weak undulation of margin, medium to dark green on upper surface, no variegation, medium to large area covered by anthocyanin colouration of medium intensity, anthocyanin colouration distributed as irregular blotches mainly towards apex

FLOWERING STEM: weak intensity of anthocyanin colouration in distal quarter

BUD: brown purple (RHS 184B-C)

PETAL: elliptic, white (RHS N155D) with light blue violet (RHS 69D) and light blue pink (RHS 69B) around veins on inner surface, medium conspicuousness of veins, weak colour change with age

STYLE: pink

STAMEN: white tinged pink

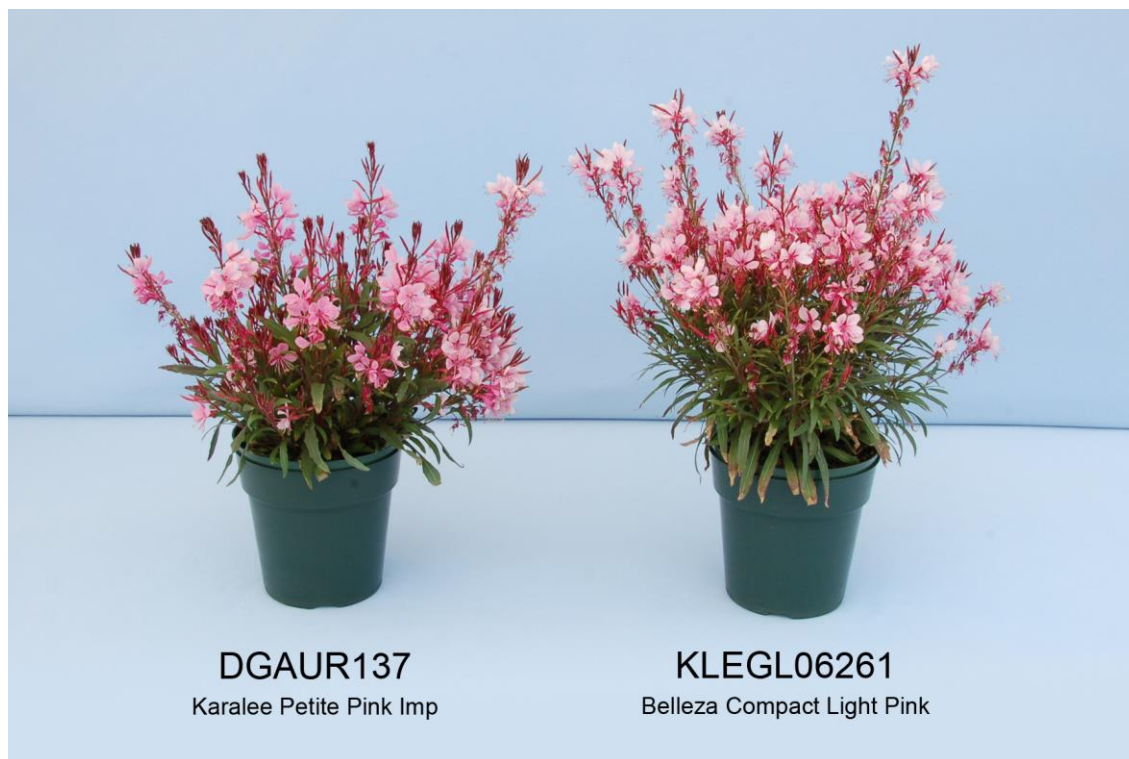
**Origin and Breeding:** 'DGAUR137' was bred and developed by the breeder Gavriel Danziger, in Moshav Mishmar Hashiva, Israel. The open pollinated cross occurred in October 2010, between the female parent, 'GO-Z-23' and an unknown male parent. 'DGAUR137' was selected from the resultant progeny in September 2011, based on its plant growth habit, time of flowering and foliage colour. Asexual reproduction of the new variety by vegetative cuttings was first conducted in September 2011 in Moshav Mishmar Hashiva, Israel.

**Tests and Trials:** The comparative trial for 'DGAUR137' was conducted in a polyhouse at BioFlora Inc. in St. Thomas, Ontario in the spring and summer of 2018. The trial included 20 plants of each variety. Rooted cuttings were transplanted into 15 cm pots on April 12, 2018. Observations and measurements were taken from 10 plants, or parts of plants, of each variety on June 10, 2018. All colour measurements were made using the 2007 Royal Horticultural Society (RHS) Colour chart.

**Comparison table for 'DGAUR137'**

	'DGAUR137'	'KLEGL06261'*
<i>Plant height (cm)</i>		
mean	34.1	36.7
std. deviation	1.45	1.89
<i>Plant width (cm)</i>		
mean	38.6	43.6
std. deviation	2.12	3.89
<i>Leaf length (cm)</i>		
mean	9.2	5.1
std. deviation	0.47	1.75
<i>Leaf width (cm)</i>		
mean	1.5	0.8
std. deviation	0.16	0.10
<i>Flower width (cm)</i>		
mean	3.4	3.0
std. deviation	0.17	0.14

\*reference variety



Gaura: 'DGAUR137' (left) with reference variety 'KLEGL06261' (right)



Gaura: 'DGAUR137' (left) with reference variety 'KLEGL06261' (right)



Gaura: 'DGAUR137' (left) with reference variety 'KLEGL06261' (right)