



APPLICATIONS UNDER EXAMINATION

CALIBRACHOA

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(*Calibrachoa* Llave & Lex.)

Proposed denomination: 'Kiecasal'
Trade name: Spring Fling Salmon
Application number: 02-3235
Application date: 2002/09/04
Applicant: Kieft Bloemzaden, BV, Venhuizen, The Netherlands
Agent in Canada: Variety Rights Management, Oxford Station, Ontario

Variety used for comparison: 'Kakegawa S52' (Liricashower Coral Vein)

Summary: 'Kiecasal' has shorter leaves, longer sepals and larger flower diameter than 'Kakegawa S52'. The inner side of the corolla of 'Kiecasal' is light blue pink with dark pink red secondary colour in the area of transition to the corolla tube and along the midribs of the corolla lobes while for 'Kakegawa S52', it is blue pink with purple secondary colour in the area of transition to the corolla tube and along the midribs of the corolla lobes.

Description:

PLANT: short height, creeping growth habit

SHOOT: short to medium length, very weak anthocyanin colouration

LEAF BLADE: shape ranging from elliptic to obovate, obtuse apex, medium green upper side, no variegation, no petiole

FLOWER: single type, absent anthocyanin colouration of sepals

COROLLA: weak to moderate lobing, truncate shaped apex of corolla lobe, light blue pink inner side with dark pink red secondary colour in the area of transition to the corolla tube and along the midribs of the corolla lobes, light blue pink outer side

COROLLA TUBE (inner side): yellow orange, strong conspicuousness of veins

Origin and Breeding: 'Kiecasal' originated from a cross which took place in 2000 in Venhuizen, The Netherlands. The female parent was an inbred breeding line designated 'K138/97' and the male parent was another inbred breeding line designated 'K156/97'. 'Keicabul' was selected in 2001 based on its uniformity, stability and salmon coloured flowers appropriate for use in the Spring Fling series.

Tests and Trials: The test and trial for 'Kiecasal' was conducted in a polyhouse at Variety Rights Management in Oxford Station, Ontario during the summer of 2005. The trial included 15 plants of each variety grown in 10 cm pots. The plants were spaced 13 cm apart. All colour characteristics were determined using the 2001 Royal Horticultural Society (RHS) colour chart and measured characteristics were based on ten measurements.

Comparison table for 'Kiecasal'

| | 'Kiecasal' | 'Kakegawa S52'* |
|-------------------------------|------------|-----------------|
| <i>Leaf blade length (cm)</i> | | |
| mean | 2.43 | 2.97 |
| std. deviation | 0.24 | 0.61 |
| <i>Sepal length (mm)</i> | | |
| mean | 14.20 | 10.60 |
| std. deviation | 1.62 | 1.65 |

Flower diameter (mm)

| | | |
|----------------|-------|-------|
| mean | 29.50 | 23.30 |
| std. deviation | 1.84 | 1.77 |

Colour of inner side of corolla (RHS)

| | | |
|-----------|-----|-------|
| primary | 55C | 68A/B |
| secondary | 48A | 61B |

Colour of outer side of corolla (RHS)

| | |
|-----|-------|
| 56D | 65B/C |
|-----|-------|

Colour of inner side of corolla tube (RHS)

| | |
|-------|------|
| 13A/B | 6B/C |
|-------|------|

* reference variety



Calibrachoa: 'Kiecasal'