



APPLICATIONS UNDER EXAMINATION

FELICIA

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(*Felicia amelloides*)

Proposed denomination: 'Felblu'
Trade name: Felicitas Azur Blue
Application number: 06-5656
Application date: 2006/11/09
Applicant: Syngenta Crop Protection AG, Basel, Switzerland
Agent in Canada: Brenda Cole, BioFlora Inc., St. Thomas, Ontario
Breeder: D. van Kleinwee, Syngenta Seeds B.V., Enkhuizen, The Netherlands

Variety used for comparison: 'Santa Anita'

Summary: *The height and width of the foliage of 'Felblu' are shorter and narrower than those of 'Santa Anita'. 'Felblu' has denser pubescence on the upper side of leaf than 'Santa Anita'. The length of the main ray floret (excluding the claw) is longer for 'Felblu' than 'Santa Anita'.*

Description:

PLANT: upright growth habit, medium density of branches

LEAF: sparse to moderate pubescence on upper side, elliptic and obovate shape, obtuse apex, attenuate base, medium green on upper side

PEDUNCLE: thin to medium thickness, very weak anthocyanin colouration, sparse to moderate pubescence

FLOWER: single type, average of 13.8 ray florets per flower

RAY FLORET: straight along longitudinal axis, violet blue (lighter than RHS 96C) on upper side, light violet blue (more blue than RHS 92C) on lower side

SEPAL: no reflexing of tip

FLORET DISC: yellow (RHS 12A)

Origin and Breeding: 'Felblu' was developed by the breeder, D. van Kleinwee, an employee of Syngenta Seeds B.V. in Enkhuizen, The Netherlands. It originated from a controlled cross made in 2001 between the female parent designated 'C3120-2' and mixed pollen from unidentified *Felicia amelloides* plants. 'Felblu' was selected from the resultant progeny as a single plant in April 2002. In 2003, it was tested for criteria based on greenhouse and field performance, plant habit, branching, flower colour, flower size and continuity of flowering. Also in 2003, it was tested for heat and drought stress resistance in Sarriens, Southern France.

Tests and Trials: Trials for 'Felblu' were conducted in a polyhouse during the spring of 2008 at BioFlora Inc. in St. Thomas, Ontario. The trial included a total of 15 plants per variety. The plants were grown from rooted cuttings and transplanted into 15 cm pots on April 16, 2008. Measured characteristics were based on measurements taken from 10 plants or parts of plants on June 10, 2008. All colour determinations were made using the 2001 Royal Horticultural Society (RHS) Colour Chart.

Comparison table for 'Felblu'

	'Felblu'	'Santa Anita'*
<i>Foliage height (cm)</i>		
mean	14.8	23.6
std. deviation	0.79	1.26
<i>Foliage width (cm)</i>		
mean	24.7	35.6
std. deviation	1.06	1.35

Length of main ray floret (excluding claw) (cm)

mean	1.4	1.2
std. deviation	0.09	0.07

*reference variety



Felicia: 'Felblu' (left) with reference variety 'Santa Anita' (right)



Felicia: 'Felblu' (left) with reference variety 'Santa Anita' (right)
