



**APPLICATIONS UNDER EXAMINATION**

**EURYOPS**

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*(Euryops pectinatus)*

**Proposed denomination:** 'EUR16001'  
**Trade name:** High Noon  
**Application number:** 19-9898  
**Application date:** 2019/05/17  
**Applicant:** Thomas Psenner, Bolzano, Italy  
**Agent in Canada:** BioFlora Inc., St. Thomas, Ontario  
**Breeder:** Thomas Psenner, Bolzano, Italy

**Variety used for comparison:** 'Sonnenschein'

**Summary:** *The plants of 'EUR16001' are bushy rounded and smaller than those of 'Sonnenschein', which are upright bushy. The internode length of the mid-stem of 'EUR16001' is shorter than that of 'Sonnenschein'. The leaf of 'EUR16001' is narrower than that of 'Sonnenschein'. The lateral lobe of the leaf blade of 'EUR16001' is smaller than that of 'Sonnenschein'.*

**Description:**

**PLANT:** bushy rounded growth habit, medium number of branches, medium density foliage

**STEM:** weak intensity of red purple anthocyanin colouration at lower part, dense pubescence along majority of stem

**LEAF BLADE:** obtuse apex with mucronate tip, attenuate and sessile base, medium green, no variegation

**TIME OF FLOWERING:** begins early

**PEDUNCLE:** thin, strong intensity of anthocyanin colouration at base

**CALYX:** no variegation

**RAY FLORET:** reflexing along longitudinal axis, medium yellow (RHS 9A) on inner side, medium yellow (closest to RHS 9A) on outer side

**FLORET DISC:** dark yellow (RHS 13A) after anther dehiscence

**Origin and Breeding:** 'EUR16001' originated from a controlled cross conducted by the breeder Thomas Psenner of Bozen, Italy in August 2015. The cross was conducted between the female parent *Euryops pectinatus* wild form and male parent variety 'Sonnenschein'. From the resulting progeny, 'EUR16001' was selected as a single seedling based on its plant growth habit, flower size, flower colour and summer garden performance. 'EUR16001' was first asexually propagated by vegetative tip cuttings in September 2016 in Bozen, Italy.

**Tests and Trials:** The comparative trial for 'EUR16001' was conducted in a polyhouse during the spring of 2021 at BioFlora Inc. in St. Thomas, Ontario. The trial included 20 plants each of the candidate and reference variety. Rooted cuttings were transplanted into 15 cm pots on April 14, 2021. Observations and measurements were taken from 10 plants, or 10 parts of plants, of each variety on May 26, 2021. All colour determinations were made using the 2015 Royal Horticultural Society (RHS) Colour Chart.

**Comparison table for 'EUR16001'**

	'EUR16001'	'Sonnenschein'*
<i>Plant height (including flowers) (cm)</i>		
mean	24.9	31.4
std. deviation	1.93	2.00
<i>Plant height (foliage only) (cm)</i>		
mean	17.3	25.0
std. deviation	1.70	2.15

*Plant width (foliage only) (cm)*

mean	26.8	34.0
std. deviation	0.98	2.85

*Internode length of stem (cm)*

mean	1.6	2.2
std. deviation	0.17	0.19

*Leaf width (cm)*

mean	2.8	3.7
std. deviation	0.28	0.50

*Lateral lobe length (cm)*

mean	1.0	1.64
std. deviation	0.17	0.31

*Lateral lobe width (cm)*

mean	0.4	0.63
std. deviation	0.05	0.07

\*reference variety



Euryops: 'EUR16001' (left) with reference variety 'Sonnenschein' (right)



Euryops: 'EUR16001' (left) with reference variety 'Sonnenschein' (right)

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