



## APPLICATIONS UNDER EXAMINATION

SANVITALIA

### SANVITALIA (*Sanvitalia*)

**Proposed denomination:** 'DSANTALG'  
**Trade name:** Sunbini Imp  
**Application number:** 20-10242  
**Application date:** 2020/05/20  
**Applicant:** Danziger - "Dan" Flower Farm, Moshav Mishmar Hashiva, Israel  
**Agent in Canada:** BioFlora Inc., St. Thomas, Ontario  
**Breeder:** Gavriel Danziger, Moshav Mishmar Hashiva, Israel

**Variety used for comparison:** 'Powerbini'

**Summary:** *The plants of 'DSANTALG' are wider than those of 'Powerbini'. The anthocyanin colouration of the stem of 'DSANTALG' is of medium intensity whereas that of 'Powerbini' is strong. The stem of 'DSANTALG' is smaller in diameter than that of 'Powerbini'.*

#### **Description:**

**PLANT:** vegetatively propagated annual, upright-bushy to rounded-bushy growth habit, strong degree of branching

**STEM:** light green, medium intensity of anthocyanin colouration, sparse pubescence, smooth surface

**LEAF:** opposite arrangement, simple type, petiole absent

**LEAF BLADE:** ovate to elliptic shape, obtuse to broad acute apex, sessile base, mostly entire margin with few shallow crenate incisions, no variegation

**LEAF BLADE (UPPER SIDE):** sparse pubescence, medium to dark green

**LEAF BLADE (LOWER SIDE):** absent or very sparse pubescence, light green

**TIME OF FLOWERING:** mid-season

**SEPAL:** ovate shape

**INFLORESCENCE:** head type

**RAY FLORET:** average count 13.1, straight to incurved along longitudinal axis of majority, oblong shape, obtuse apex, entire margin

**RAY FLORET (INNER SIDE):** dark yellow (RHS 14A), no markings

**RAY FLORET (OUTER SIDE):** medium yellow (RHS 12A-B) with light green (RHS N144C) near apex

**DISC:** present

**Origin and Breeding:** 'DSANTALG' was bred and developed by the breeder, Gavriel Danziger, in Moshav Mishmar Hashiva, Israel. It originated from an open pollinated cross that occurred in Nir-Tzvi, Israel between the female parent designated as 'SN-14-697' and an unknown male parent. From the resulting progeny, 'DSANTALG' was selected as a single unique seedling on January 15, 2017 based on its semi-trailing plant growth habit, early flowering, flower abundance and flower colour. In January 2017, 'DSANTALG' was first asexually propagated by vegetative cuttings in Moshav Mishmar Hashiva, Israel.

**Tests and Trials:** The comparative trial of 'DSANTALG' was conducted in a polyhouse during the summer 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 22, 2021. Observations and measurements were taken from 10 plants, or 10 parts of plants, of each variety on June 2, 2021. All colour determinations were made using the 2015 Royal Horticultural Society (RHS) Colour Chart.

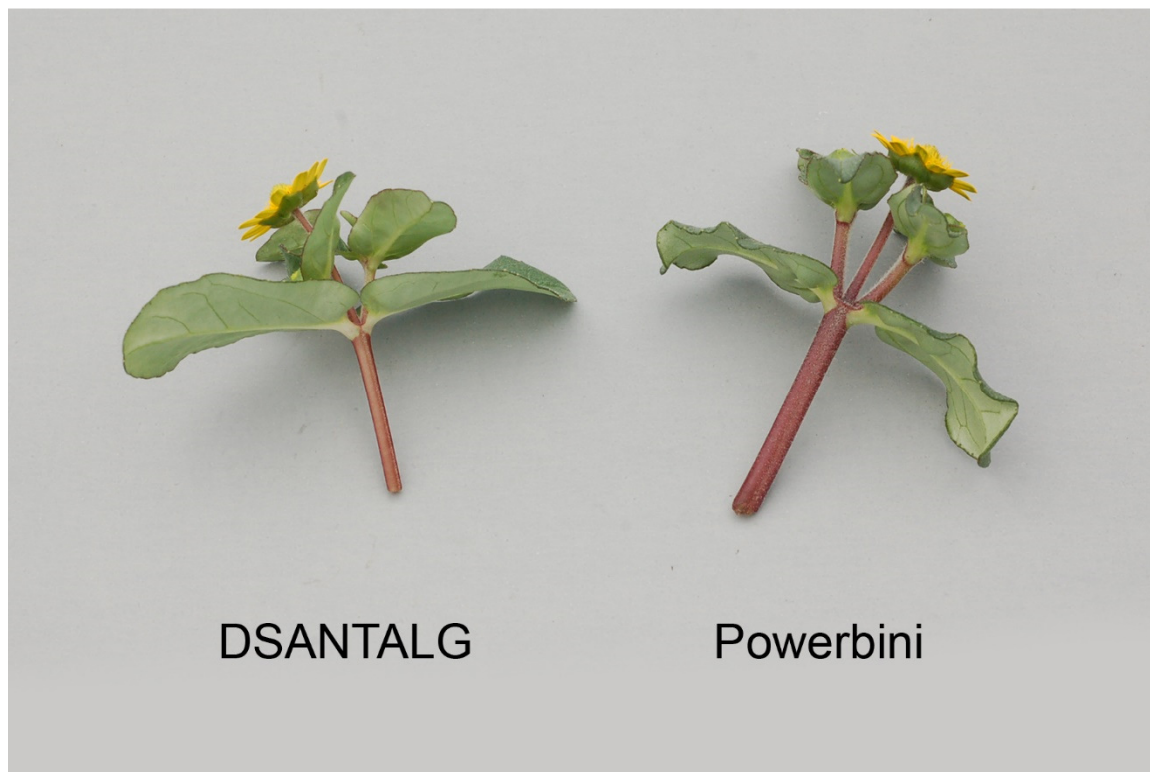
**Comparison table for 'DSANTALG'**

	'DSANTALG'	'Powerbini'*
<i>Plant width (cm)</i>		
mean	32.9	26.3
std. deviation	1.47	2.08
<i>Stem diameter (mm)</i>		
mean	2.64	4.63
std. deviation	0.64	0.51

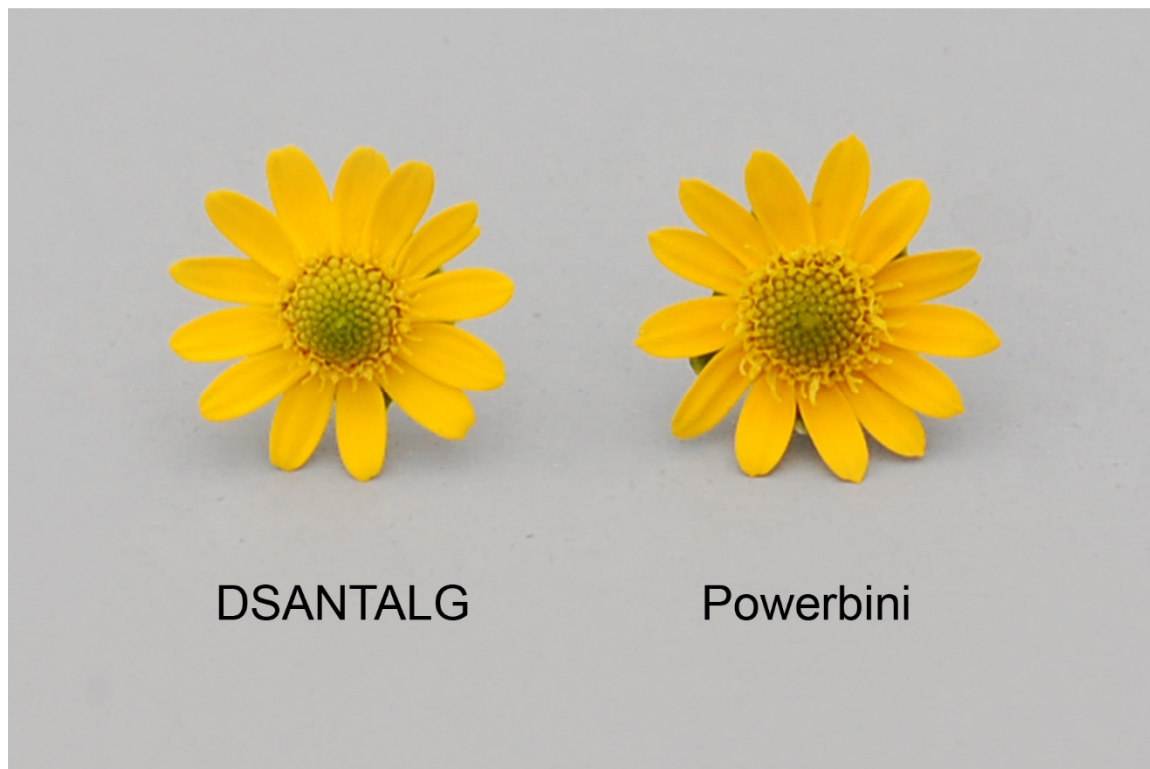
\*reference variety



Sanvitalia: 'DSANTALG' (left) with reference variety 'Powerbini' (right)



Sanvitalia: 'DSANTALG' (left) with reference variety 'Powerbini' (right)



Sanvitalia: 'DSANTALG' (left) with reference variety 'Powerbini' (right)