



APPLICATIONS UNDER EXAMINATION

ST. JOHN'S WORT

**ST. JOHN'S WORT**  
*(Hypericum kalmianum)*

**Proposed denomination:** 'Deppe'  
**Trade name:** Sunny Boulevard  
**Application number:** 07-5975  
**Application date:** 2007/07/13  
**Applicant:** Spring Meadow Nursery, Inc., Grand Haven, Michigan, United States of America  
**Agent in Canada:** Brenda Cole, BioFlora Inc., St. Thomas, Ontario  
**Breeder:** Timothy D. Wood, Spring Lake, Missouri, United States of America

**Variety used for comparison:** 'Ames'

**Summary:** 'Deppe' has a shorter plant height and narrower plant width than 'Ames'. 'Deppe' has a shorter leaf length and narrower leaf width than 'Ames'. 'Deppe' has a smaller flower diameter and smaller stamen mass than 'Ames'.

**Description:**

PLANT: bushy rounded growth habit, many branches, medium foliage density

STEM: medium thickness, absent to very weak anthocyanin colouration, smooth, grey brown, no twisting

LEAF: opposite arrangement, simple, elliptic to lanceolate, cuspidate apex, attenuate base, entire margin, medium glossiness on upper side, absent to very weak pubescence on upper and lower side, medium to dark green on upper side, light green on lower side, no variegation, no petiole

FLOWERING: mid-season

FLOWER: ovoid bud, rotate shape, simple, solitary, both terminal and axillary in position, erect attitude, flat profile, yellow (RHS 3A) on upper side, yellow (RHS 5A) on lower side, five petals

PETAL: obovate, obtuse apex, tip flat to reflexing with age, weak undulation of margin, entire margin

STAMEN: yellow orange.

**Origin and Breeding:** 'Deppe' originated from an open pollination made in the summer of 2002 in Grand Haven, Michigan, USA. The female parent was the variety 'Gemo' and the male parent was unknown. The new variety was selected from the progeny in the summer of 2004, based on criteria for compact growth habit, good flower production and foliage colour. Asexual reproduction by softwood cuttings was first conducted in 2004 in Grand Haven, Michigan, USA.

**Tests and Trials:** Trials for 'Deppe' were conducted in a polyhouse during the spring/summer of 2008 at BioFlora Inc. in St. Thomas, Ontario. The trial included a total of 15 plants of the candidate variety and 10 plants of the reference variety. All plants were grown from 2 1/4 inch rooted liners transplanted into 2 gallon containers on June 3, 2007, and repotted into 3 gallon containers on June 2, 2008. Measured characteristics were based on measurements taken from 10 plants or parts of plants on July 25, 2008. All colour determinations were made using the 2001 Royal Horticultural Society (RHS) Colour Chart.

**Comparison table for 'Deppe'**

	'Deppe'	'Ames'*
<i>Plant height (cm)</i>		
mean	29.3	49.9
std. deviation	2.28	4.28
<i>Plant width (cm)</i>		
mean	33.5	69.9
std. deviation	2.36	4.22

*Leaf length (cm)*

mean	4.0	6.8
std. deviation	0.35	0.44

*Leaf width (cm)*

mean	0.7	1.4
std. deviation	0.07	0.08

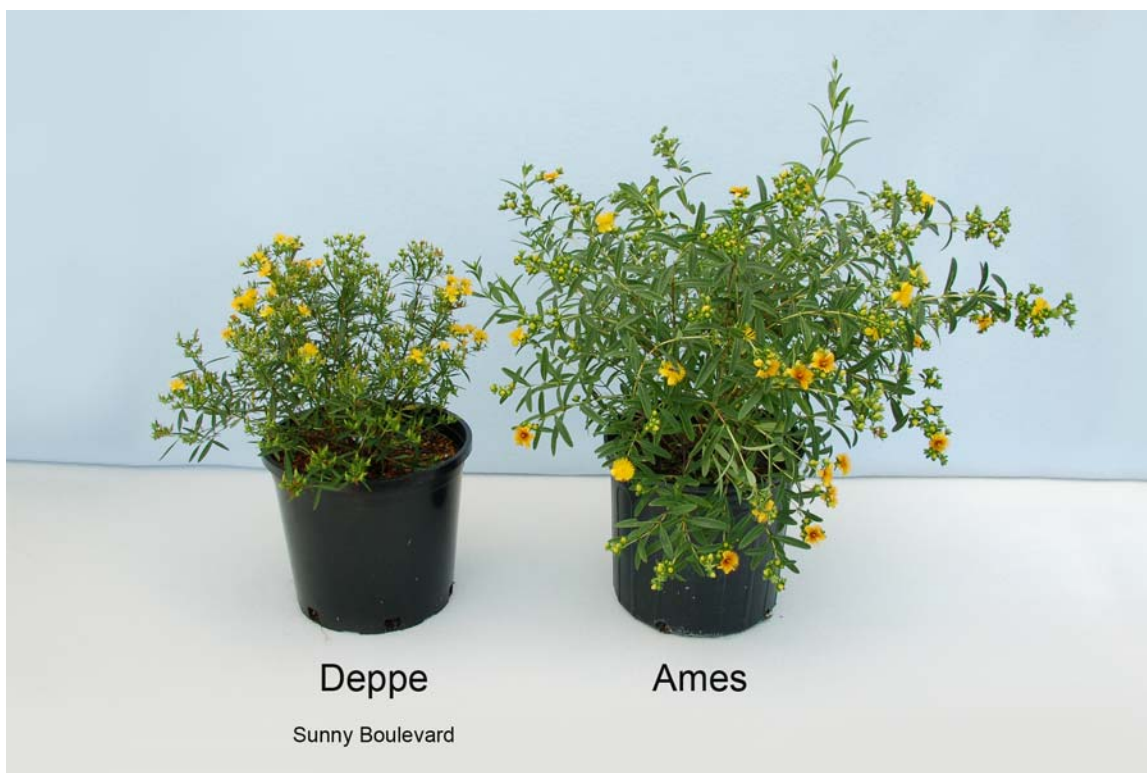
*Flower diameter (cm)*

mean	2.2	3.0
std. deviation	0.20	0.14

*Diameter of stamen mass (cm)*

mean	1.6	2.2
std. deviation	0.23	0.07

\*reference variety



St. John's Wort: 'Deppe' (left) with reference variety 'Ames' (right)



St. John's Wort: 'Deppe' (left) with reference variety 'Ames' (right)

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