



## APPLICATIONS UNDER EXAMINATION

SALVIA

### SALVIA (*Salvia*)

**Proposed denomination:** 'WNSVRDP23'  
**Trade name:** Rockin' Deep Purple  
**Application number:** 23-11286  
**Application date:** 2023/04/18  
**Applicant:** WinGen, LLC, Buda, Texas, United States of America  
**Agent in Canada:** BioFlora Inc., St. Thomas, Ontario  
**Breeder:** Brent D. Barnes, Riverside, California, United States of America

**Varieties used for comparison:** 'BBSAL00301' (Rockin' Fuchsia) and 'Purple & Bloom'

**Summary:** *The plants of 'WNSVRDP23' are smaller than those of 'Purple & Bloom'. The intensity of anthocyanin colouration on the stem of 'WNSVRDP23' is strong while it is weak for that of 'Purple & Bloom'. The glossiness on the upper side of the leaf blade of 'WNSVRDP23' is absent or very weak while that of 'BBSAL00301' is of medium degree. The inflorescence of 'WNSVRDP23' is longer than that of 'BBSAL00301' and shorter than that of 'Purple & Bloom'. The internode length of the inflorescence of 'WNSVRDP23' is longer than that of 'BBSAL00301'. The outer side of both the corolla tube and upper lip of 'WNSVRDP23' is dark violet while that of 'BBSAL00301' is dark purple. The inner side of the lower lip of 'WNSVRDP23' is dark violet while that of 'BBSAL00301' is medium purple and that of 'Purple & Bloom' is dark blue violet.*

#### **Description:**

**PLANT:** upright growth habit, medium density of shoots

**STEM:** strong intensity of anthocyanin colouration, medium density of pubescence

**LEAF BLADE:** small length to width ratio, broadest part positioned strongly towards base, acuminate to acute apex, truncate to slightly cordate base, medium depth margin incisions, absent or very weak undulation of margin

**LEAF BLADE (UPPER SIDE):** green, no variegation, sparse pubescence, medium rugosity, absent or very weak glossiness

**INFLORESCENCE:** medium number of florets per node, many lateral branches, semi-upright tip, weak persistence of bract

**CALYX (OUTER SIDE):** black (RHS N186B) with dark violet (RHS 79A) at base, sparse pubescence

**COROLLA TUBE (OUTER SIDE):** dark violet (RHS 83A)

**COROLLA (UPPER LIP):** outer side dark violet (RHS 83A), medium density of pubescence

**COROLLA (LOWER LIP):** strongly downwards attitude relative to corolla tube, dark violet (closest to RHS 83B), no secondary colour, very strong recurving of margin

**Origin and Breeding:** 'WNSVRDP23' originated from a controlled cross conducted between two proprietary seedlings, the female parent designated 16SB116-04 and the male parent designated 17-SB159-03 on August 24, 2018 in Bonsall, California, USA. From the resulting progeny, 'WNSVRDP23' was selected as a single plant on August 12, 2019 based on plant growth habit, branching density, foliage colour and branch strength. Asexual reproduction of 'WNSVRDP23' was first conducted by cuttings on August 22, 2019 in Bonsall, California, USA.

**Tests and Trials:** The comparative trial for 'WNSVRDP23' was conducted in a polyhouse during the summer of 2023 at Bioflora Inc., in St. Thomas, Ontario. The trial included a total of 20 plants each of the candidate and reference varieties. All plants were grown from rooted cuttings and transplanted into 15 cm pots on April 19, 2023. Observations and measurements were taken from 10 plants, or 10 parts of plants, of each variety on June 13, 2023. All colour determinations were made using the 2015 Royal Horticultural Society (RHS) Colour Chart. Mean differences were significant at the 5% confidence probability level based on a paired Student's t-test.

## Comparison table for 'WNSVRDP23'

	'WNSVRDP23'	'BBSAL00301'*	'Purple & Bloom'*
<i>Plant height (cm)</i>			
mean	37.6	34.3	59.9
std. deviation	4.49	3.21	3.36
<i>Plant width (cm)</i>			
mean	28.0	28.8	38.1
std. deviation	2.82	2.20	4.69
<i>Inflorescence length (cm)</i>			
mean	14.4	11.3	16.7
std. deviation	2.19	2.63	1.98
<i>Internode length of inflorescence (RHS)</i>			
mean	2.2	1.6	2.5
std. deviation	0.46	0.26	0.45
<i>Colour of corolla (RHS)</i>			
corolla tube- outer side	closest to 83A	closest to N79C	closest to 86A
upper lip- outer side	closest to 83A	closest to 71A	closest to 83B
lower lip- inner side	closest to 83B	71B	closest to 86B

\*reference varieties



Salvia: 'WNSVRDP23' (left) with reference varieties 'BBSAL00301' (centre) and 'Purple and Bloom' (right)



Salvia: 'WNSVRDP23' (left) with reference varieties 'BBSAL00301' (centre) and 'Purple and Bloom' (right)



Salvia: 'WNSVRDP23' (left) with reference varieties 'BBSAL00301' (centre) and 'Purple and Bloom' (right)