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**Fourie et al.**

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(54) **GRAPE PLANT NAMED ‘STARGRAPE 2’**

**Related U.S. Application Data**

(50) Latin Name: *Vitis vinifera* L.  
Varietal Denomination: **Stargrape 2**

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*A01H 5/08* (2006.01)

(52) **U.S. Cl.**  
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(58) **Field of Classification Search**  
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See application file for complete search history.

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(57) **ABSTRACT**

A new table grape plant named ‘Stargrape 2’, notable for its improved berry color, larger size and cylindrical shape.

**4 Drawing Sheets**

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Latin name: *Vitis vinifera* L.  
Variety denomination: ‘Stargrape 2’.

**BACKGROUND OF THE VARIETY**

‘Stargrape 2’ is a new and distinct variety of table grape plant (*Vitis vinifera* L.) of unknown parentage. ‘Stargrape 2’, which originated as an open cross, was first selected at Clanwilliam, South Africa in 2003, and was subsequently asexually reproduced by grafting in 2005 and fruited through successive generations at the same location. ‘Stargrape 2’ has been observed to remain true to type over successive asexually propagated generations.

**BRIEF DESCRIPTION OF THE VARIETY**

‘Stargrape 2’ was first selected for its excellent color and berry size. It is distinguished from ‘Flame Seedless’ (not patented) by its improved berry color, larger size and cylindrical shape.

The following table shows a comparison of ‘Stargrape 2’ to similar varieties ‘Stargrape 1’ and ‘Flame Seedless’:

	‘Stargrape 1’	‘Stargrape 2’	‘Flame Seedless’
Skin color	Grey-purple 187A	Grey-purple 183A and 187A	Rosé to red
% Fully colored berries/bunch	100%	90% to 100%	50% to 70%
Berry length	23 to 27 mm	21 to 25 mm	18 to 19 mm
Berry width	19 to 22 mm	19 to 20 mm	16 to 18 mm
Berry shape	Broad ellipsoid to narrow ellipsoid	Narrow ellipsoid	Globose
Resistance to cracking	More resistant than ‘Flame Seedless’	Susceptible	Susceptible

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**BRIEF DESCRIPTION OF THE PHOTOGRAPHS**

FIG. 1 shows the fruit of ‘Stargrape 2’ on the vine;  
FIG. 2 shows sectioned fruit of ‘Stargrape 2’;  
FIG. 3 shows leaves and tendrils of ‘Stargrape 2’;  
FIG. 4 shows flowers of ‘Stargrape 2’;  
FIG. 5 shows a leaf of ‘Stargrape 2’;  
FIG. 6 shows the trunk of ‘Stargrape 2’; and  
FIG. 7 shows vines of ‘Stargrape 2’.

**DETAILED BOTANICAL DESCRIPTION OF THE VARIETY**

The following-detailed botanical description is based on observations made during the 2011/2012 and 2013/2014 growing seasons at Clanwilliam and Wellington, South Africa (USDA Hardiness Zone 10) of 3- to 5-year old vines planted in a commercial vineyard in 2008 on ‘Ramsey’ rootstock (not known to be patented). It should be understood that the characteristics described will vary somewhat depending upon cultural practices and climatic conditions, and will vary with location and season. Quantified measurements are expressed as an average of measurements taken from a number of individual plants of the new variety. The measurements of any individual plant or any group of plants of the new variety may vary from the stated average. Color descriptions are made with reference to The Royal Horticultural Society Colour Chart (5<sup>th</sup> Edition).

**Vine:**

*Size.*—Large — height 115 cm with 4 cordons; similar to ‘Flame’.  
*Vigor.*—Strong.  
*Timing of bud burst.*—Early to mid-September.  
*Productivity.*—Productive.

*Trunk diameter (50 cm above ground).*—7 cm.

*Bark texture.*—Rough.

*Bark color.*—Brown N200A.

Canes:

*Size (diameter).*—7 mm to 8 mm.

*Quantity.*—5 to 6 canes per cordon.

*Bark color.*—Greyed orange N170B.

*Bark texture.*—Smooth.

*Form.*—Semi-erect.

*Node size.*—12 mm to 14 mm.

*Internode length.*—90 mm to 100 mm.

*Quantity of tendrils per node.*—1.

*Tendrils thickness.*—Medium to thick, 3 mm to 4 mm.

*Tendrils length.*—About 200 mm.

*Tendrils texture.*—Smooth.

Flowers:

*Fertility.*—Self fertile.

*Date of bloom.*—Medium, late October to early November.

*Filament length.*—2.5 mm to 3.1 mm.

*Filament color.*—Yellow-green N144B.

*Anther length.*—1.0 mm to 1.2 mm.

*Anther color.*—Yellow-green N144B.

*Pistil length.*—0.7 to 0.8 mm.

*Pistil color.*—Green 135B.

*Flower stem length.*—3.8 mm to 5.0 mm.

*Flower stem color.*—Green 143B.

*Flower type.*—Fully developed stamens and gynoecium.

*Stamen color.*—Yellow-green 151B.

*Stamen length.*—2.9 mm to 3.2 mm.

*Stamen quantity.*—5.

Leaves:

*Relative size.*—Medium to large.

*Length.*—Medium, 170 mm to 180 mm.

*Width.*—Broad, 175 mm to 200 mm.

*Thickness.*—0.3 mm.

*Shape.*—Pentagonal to circular.

*Color—upper surface.*—Green 137A.

*Color—lower surface.*—Green 138A.

*Texture.*—Somewhat smooth.

*Number of lobes.*—Seven.

*Terminal lobe form.*—Similar to 'Flame'.

*Petiole color.*—Yellow-green N144C.

*Petiole sinus depth.*—65 mm.

*Petiole sinus shape.*—U-shaped; similar to 'Flame'.

*Petiole sinus—relative arrangement of lobes.*—Slightly open.

*Petiole length.*—Medium, 130 mm.

*Lateral sinus depth.*—Medium to deep, 20 mm to 30 mm.

*Lateral sinus—relative arrangement of lobes.*—Strongly overlapped.

*Shape of teeth.*—Mixed: some with both sides straight, and some with both sides convex.

5 Tendrils:

*Quantity.*—Four on a 90 cm shoot.

*Thickness.*—3 mm.

*Length.*—200 mm to 280 mm.

*Form.*—Mild spiral (V-shaped).

10 *Texture.*—Smooth.

*Color.*—Yellow-green 144A.

Shoot:

*Attitude (before tying).*—Semi-erect.

*Color.*—Green 143A.

15 *Hairs on internodes.*—Absent or very sparse.

Fruit:

*Maturity date.*—Early to mid-January.

*Shape.*—Cylindrical.

*Length.*—Medium, 21 mm to 25 mm (10 ppm Gibb).

20 *Width.*—Medium, 19 mm to 20 mm (10 ppm Gibb).

*Relative size.*—Similar to 'Flame'.

*Brix.*—16%.

*Skin thickness.*—Medium.

*Skin color.*—Grey-purple 183A and 187A.

25 *Flesh color.*—Yellow-green 145D.

*Flesh texture.*—Slightly firm.

*Juice production.*—Juicy.

*Anthocyanin coloration.*—Absent or very weak.

*Flavor.*—Neutral.

30 *Seeds.*—Present, rudimentary.

*Seed size.*—1.3 to 3.2 mm.

*Seed shape.*—Not completely formed.

*Seed color.*—Rudimentary, Yellow-green N144C.

Cluster:

35 *Overall shape.*—Long, well-filled.

*Relative size.*—Medium.

*Length.*—220 mm to 250 mm.

*Width.*—140 mm to 170 mm.

*Peduncle length.*—Short, 32 mm to 39 mm.

40 *Peduncle thickness.*—4.6 mm to 6.4 mm.

*Pedicele length.*—9.3 mm to 11.6 mm.

*Pedicele thickness.*—1.8 to 2.6 mm.

Storage quality: Good.

Shipping quality: Good.

45 Disease/insect resistance/susceptibility: Similar to 'Flame Seedless'.

Disease resistance/susceptibility: Good.

We claim:

1. A new and distinct grape plant substantially as described and illustrated herein.

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**FIG. 1**



**FIG. 2**



**FIG. 3**



**FIG. 4**



**FIG. 5**



**FIG. 6**



**FIG. 7**