

(12) **United States Plant Patent**  
**Dümmen**

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(54) **VERBENA PLANT NAMED ‘DUEFARPUR’**

(50) Latin Name: *Verbena hybrida*  
Varietal Denomination: **Duefarpur**

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patent is extended or adjusted under 35  
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See application file for complete search history.

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(57) **ABSTRACT**

A new and distinct cultivar of *Verbena* plant named  
‘Duefarpur’, characterized by its compact, outwardly  
spreading and cascading plant habit; freely branching habit;  
freely flowering habit; and bright purple-colored flowers.

**1 Drawing Sheet**

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Botanical description: *Verbena hybrida*.  
Cultivar denomination: ‘Duefarpur’.

**BACKGROUND OF THE INVENTION**

The present Invention relates to a new and distinct culti-  
var of *Verbena* plant, botanically known as *Verbena hybrida*,  
and hereinafter referred to by the name ‘Duefarpur’.

The new *Verbena* is a product of a planned breeding  
program conducted by the Inventor in Rheinberg, Germany.  
The objective of the breeding program is to develop new  
trailing *Verbena* cultivars with large and intensely-colored  
flowers.

The new *Verbena* originated from a cross-pollination  
made by the Inventor in July, 2001 of a proprietary seedling  
selection of *Verbena hybrida* identified as V00-3814-1, not  
patented, as the female, or seed, parent with a proprietary  
seedling selection of *Verbena hybrida* identified as F-20-12,  
not patented, as the male, or pollen, parent. The cultivar  
Duefarpur was discovered and selected by the Inventor as a  
flowering plant within the progeny from the aforementioned  
cross-pollination in a controlled environment in Rheinberg,  
Germany in July, 2002.

Asexual reproduction of the new cultivar by cuttings at  
Rheinberg, Germany, since July, 2004, has shown that the  
unique features of this new *Verbena* are stable and repro-  
duced true to type in successive generations of asexual  
reproduction.

**SUMMARY OF THE INVENTION**

The following traits have been repeatedly observed and  
are determined to be the unique characteristics of ‘Duefar-  
pur’. These characteristics in combination distinguish ‘Due-  
farpur’ as a new and distinct cultivar:

1. Compact, outwardly spreading and cascading plant  
habit.
2. Freely branching habit.
3. Freely flowering habit.
4. Bright purple-colored flowers.

Plants of the new *Verbena* differ from plants of the female  
parent selection in the following characteristics:

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1. Plants of the new *Verbena* are more vigorous than  
plants of the female parent selection.

2. Plants of the new *Verbena* and the female parent  
selection differ in flower color.

5 Plants of the new *Verbena* differ from plants of the male  
parent selection primarily in flower color as plants of the  
male parent selection have lilac-colored flowers.

The new *Verbena* can be compared to the cultivar, Tukana  
Violet, not patented. However, in side-by-side comparisons  
conducted in Rheinberg, Germany, plants of the new *Ver-  
bena* differed from plants of the cultivar Tukana Violet in the  
following characteristics:

1. Plants of the new *Verbena* were more vigorous than  
plants of the cultivar Tukana Violet.
- 15 2. Plants of the new *Verbena* had larger leaves than plants  
of the cultivar Tukana Violet.
3. Plants of the new *Verbena* had larger flowers than plants  
of the cultivar Tukana Violet.
- 20 4. Plants of the new *Verbena* and the cultivar Tukana  
Violet differed in flower color.
5. Plants of the new *Verbena* had longer peduncles than  
plants of the cultivar Tukana Violet.

25 **BRIEF DESCRIPTION OF THE PHOTOGRAPH**

The accompanying colored photograph illustrates the  
overall appearance of the new cultivar, showing the colors as  
true as it is reasonably possible to obtain in colored repro-  
30 ductions of this type. Colors in the photograph may differ  
slightly from the color values cited in the detailed botanical  
description which accurately describe the colors of the new  
*Verbena*.

The photograph is a close-up view of typical leaves,  
35 flower buds and flowers of ‘Duefarpur’.

**DETAILED BOTANICAL DESCRIPTION**

In the following description, color references are made to  
The Royal Horticultural Society Colour Chart, 1995 Edition,  
40 except where general terms of ordinary dictionary signifi-  
cance are used. The aforementioned photograph, following  
observations and measurements describe plants grown dur-  
ing the spring in Rheinberg, Germany, in a glass-covered



greenhouse and under conditions which approximate those generally used in commercial *Verbena* production. Single plants were grown in 13-cm containers and pinched about one week after planting. During the production of the plants, day and night temperatures were about 18° C. and light levels were about 4,500 foot-candles. Plants used in the photograph and for the botanical description were about four months old.

Botanical classification: *Verbena hybrida* cultivar Duefarpur.

Parentage:

*Female parent*.—Proprietary seedling selection of *Verbena hybrida* identified as V00-3814-1, not patented.

*Male parent*.—Proprietary seedling selection of *Verbena hybrida* identified as F-20-12, not patented.

Propagation:

*Type cutting*.—Vegetative tip cuttings.

*Time to initiate roots, summer and winter*.—About 10 days at 20° C.

*Time to develop roots, summer*.—About 21 days at 20° C.

*Time to develop roots, winter*.—About 25 days at 20° C.

*Root description*.—Fine, fibrous; white in color.

*Rooting habit*.—Freely branching.

Plant description:

*General appearance*.—Compact, outwardly spreading and cascading plant habit; mounded and bushy plant form.

*Growth and branching habit*.—Freely basal branching; about four to six lateral branches develop per plant. Moderately vigorous growth habit.

*Plant height*.—About 14 cm.

*Plant diameter or spread*.—About 20 cm.

*Lateral branch description*.—Length: About 16 cm. Diameter: About 2 mm. Internode length: About 5 mm. Texture: Pubescent. Color: 144A.

*Foliage description*.—Arrangement: Opposite, simple. Length: About 4.1 cm. Width: About 2.7 cm. Shape: Lanceolate. Apex: Acute. Base: Attenuate. Margin: Crenate. Texture, upper and lower surfaces: Pubescent; coarse. Venation pattern: Pinnate. Color: Developing and fully expanded foliage, upper surface: 146A; venation, 146D. Developing and fully expanded foliage, lower surface: 146B; venation, 146D. Petiole: Length: About 4 mm. Diameter: About 2 mm. Texture, upper and lower surfaces: Smooth. Color, upper surface: 146A. Color, lower surface: 146B.

Flower description:

*Flower type and habit*.—Single salverform flowers arranged on hemispherical corymbs. Freely flowering with about 18 to 20 flower buds and flowers per

inflorescence. Inflorescences positioned above and beyond the foliage. Flowers last about one week on the plant. Corollas not persistent. Flowers not fragrant.

*Flowering season*.—In the garden, flowering is continuous from spring through the fall in Germany; plants begin flowering about eight weeks after pinching.

*Inflorescence height*.—About 5 cm.

*Inflorescence diameter*.—About 5.5 cm.

*Flower size*.—Diameter: About 2.3 cm. Height (depth): About 3 cm.

*Flower buds*.—Length: About 1.2 cm. Diameter: About 3 mm. Shape: Oval to tubular. Color: 146A.

*Petals*.—Quantity/arrangement: Five per flower fused at base. Length: About 3.1 cm. Width: About 9 mm. Shape: Roughly cordate. Apex: Emarginate. Margin: Entire. Texture, upper and lower surfaces: Glabrous, smooth; velvety. Color: When opening and fully opened, upper surface: 60B. When opening and fully opened, lower surface: 60C.

*Sepals*.—Quantity/arrangement: Five, fused into an elongated tube. Length: About 9 mm. Width: About 1.5 mm. Shape: Ligulate. Apex: Acute. Margin: Entire. Texture, upper and lower surfaces: Pubescent; coarse. Color, upper and lower surfaces: 146D and 144A.

*Peduncles*.—Length: About 7.5 cm. Diameter: About 2 mm. Strength: Strong. Aspect: Mostly upright. Texture: Pubescent. Color: 144A.

*Pedicels*.—Length: About 0.5 mm. Diameter: About 0.5 mm. Strength: Strong. Aspect: Mostly upright. Texture: Smooth, glabrous. Color: 144A.

*Reproductive organs*.—Stamens: Quantity: About four to five per flower. Anther shape: Oblong. Anther length: About 0.75 mm. Anther color: 144B. Pollen amount: Moderate. Pollen color: 2D. Pistils: Quantity: One per flower. Pistil length: About 1.9 cm. Style length: About 1.7 cm. Style color: 144D. Stigma shape: Bi-parted. Stigma color: 144A. Ovary color: 144C. Seeds/fruits: Seed and fruit development has not been observed.

*Disease/pest resistance*: Plants of the new *Verbena* have not been observed to be resistant to pathogens and pests common to *Verbena*.

*Temperature tolerance*: Plants of the new *Verbena* have been observed to be tolerant to temperatures ranging from about 5° C. to about 35° C.

It is claimed:

1. A new and distinct cultivar of *Verbena* plant named 'Duefarpur', as illustrated and described.

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