

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

(10) **Patent No.:** **US PP17,922 P2**
(45) **Date of Patent:** **Aug. 14, 2007**

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

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

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(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 0 days.

(21) Appl. No.: **11/349,647**

(22) Filed: **Feb. 7, 2006**

(51) **Int. Cl.**
A01H 5/00 (2006.01)

(52) **U.S. Cl.** **Plt./308**

(58) **Field of Classification Search** Plt./308
See application file for complete search history.

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(57) **ABSTRACT**

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

1 Drawing Sheet

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Botanical designation: *Verbena hybrida*.
Cultivar denomination: ‘Duefarred’.

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 ‘Duefarred’.

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 self-pollination made
by the Inventor in July, 2001 of a proprietary seedling
selection of *Verbena hybrida* identified as F-20-19, not
patented. The cultivar Duefarred was discovered and
selected by the Inventor as a flowering plant within the
progeny from the aforementioned self-pollination in a con-
trolled 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 ‘Due-
farred’. These characteristics in combination distinguish
‘Duefarred’ as a new and distinct cultivar:

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

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

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

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2. Plants of the new *Verbena* have larger flowers than
plants of the parent selection.

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

1. Plants of the new *Verbena* were more vigorous than
plants of the cultivar Temari Red.
2. Plants of the new *Verbena* had longer leaves with
longer petioles than plants of the cultivar Temari Red.
3. Plants of the new *Verbena* had larger umbels than plants
of the cultivar Temari Red.
4. Plants of the new *Verbena* had shorter peduncles than
plants of the cultivar Temari Red.

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-
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, flower buds and flowers of ‘Duefarred’.

DETAILED BOTANICAL DESCRIPTION

In the following description, color references are made to
The Royal Horticultural Society Colour Chart, 1995 Edition,
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 Duefarred.

Parentage:

Female parent.—Proprietary seedling selection of *Verbena hybrida* identified as F-20-19, not patented.

Male parent.—Proprietary seedling selection of *Verbena hybrida* identified as F-20-19, 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 4.2 cm. Texture: Pubescent. Color: 144A.

Foliage description.—Arrangement: Opposite, simple. Length: About 4.6 cm. Width: About 2.5 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 6.2 mm. Diameter: About 2.4 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 20 to 25 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 3.8 cm.

Inflorescence diameter.—About 6.3 cm.

Flower size.—Diameter: About 1.7 cm. Height (depth): About 2.6 cm.

Flower buds.—Length: About 1.3 cm. Diameter: About 2 mm. Shape: Oval to tubular. Color: 146A.

Petals.—Quantity/arrangement: Five per flower fused at base. Length: About 2.6 cm. Width: About 7.2 mm. Shape: Roughly cordate. Apex: Emarginate. Margin: Entire. Texture, upper and lower surfaces: Glabrous, smooth; velvety. Color: When opening and fully opened, upper surface: 45A to 45B. When opening and fully opened, lower surface: 45C to 45D.

Sepals.—Quantity/arrangement: Five, fused into an elongated tube. Length: About 1.2 cm. Width: About 2 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 4.1 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 1.7 cm. Style length: About 1.5 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 ‘Duefarred’, as illustrated and described.

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