



US00PP13771P29

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

(10) **Patent No.:** **US PP13,771 P2**

(45) **Date of Patent:** **May 6, 2003**

(54) **FUCHSIA PLANT NAMED ‘KIEFUKAF’**

(52) **U.S. Cl.** **Plt./300**

(75) **Inventor:** **Christa Kievit, Venhuizen (NL)**

(58) **Field of Search** **Plt./300**

(73) **Assignee:** **Kieft Seeds Holland, Venhuizen (NL)**

Primary Examiner—Kent Bell

(74) *Attorney, Agent, or Firm*—C. A. Whealy

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

(57) **ABSTRACT**

A new and distinct cultivar of Fuchsia plant named ‘Kiefukaf’, characterized by its upright and pendulous plant habit; freely branching habit; full and dense plant growth habit; and numerous red purple and white-colored flowers.

(21) **Appl. No.:** **10/162,992**

(22) **Filed:** **Jun. 5, 2002**

(51) **Int. Cl.⁷** **A01H 5/00**

1 Drawing Sheet

1

2

BOTANICAL CLASSIFICATION/CULTIVAR DESIGNATION

Fuchsia×*hybrida* cultivar ‘Kiefukaf’.

BACKGROUND OF THE INVENTION

The present invention relates to a new and distinct cultivar of Fuchsia plant, botanically known as *Fuchsia*×*hybrida*, and hereinafter referred to by the name ‘Kiefukaf’.

The new Fuchsia is a product of a planned breeding program conducted by the Inventor in Venhuizen, The Netherlands. The objective of the breeding program was to create new Fuchsia cultivars with compact plant habit and numerous attractive flower coloration.

The new Fuchsia originated from a cross-pollination made by the Inventor in 1998 of a proprietary selection *Fuchsia*×*hybrida* identified as code number 6253-1, not patented, as the female, or seed, parent with a proprietary selection *Fuchsia*×*hybrida* identified as code number 265, not patented, as the male, or pollen, parent. The cultivar Kiefukaf was discovered and selected by the Inventor as a flowering plant within the progeny of the stated cross-pollination in a controlled environment in Venhuizen, The Netherlands.

Asexual reproduction of the new Fuchsia by terminal cuttings taken at Venhuizen, The Netherlands, since 1999 has shown that the unique features of this new Fuchsia are stable and reproduced true to type in successive generations.

BRIEF SUMMARY OF THE INVENTION

The cultivar Kiefukaf has not been observed under all possible environmental conditions. The phenotype may vary somewhat with variations in environment such as temperature and daylength, without, however, any variance in genotype.

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

1. Upright and pendulous plant habit.
2. Freely branching habit; dense and full plant growth habit.
3. Numerous red purple and white-colored flowers.

Plants of the new Fuchsia differ from the parent selections primarily in flower coloration.

BRIEF DESCRIPTION OF THE PHOTOGRAPHS

5 The accompanying colored photographs illustrate the overall appearance of the new Fuchsia, showing the colors as true as it is reasonably possible to obtain in colored reproductions of this type. Colors in the photographs may differ slightly from the color values cited in the detailed botanical description which accurately describe the colors of the new Fuchsia.

10 The photograph at the top of the sheet comprises a side perspective view of a typical potted plant of ‘Kiefukaf’.

15 The photograph at the bottom of the sheet is a close-up view of developing flower buds, fully opened flowers, and upper and lower surfaces of typical leaves of ‘Kiefukaf’.

DETAILED BOTANICAL DESCRIPTION

20 The aforementioned photographs and following observations and measurements describe plants grown in Lompoc, Calif., under commercial practice during the winter and early spring in a polycarbonate-covered greenhouse with day temperatures about 18 to 24° C., night temperatures about 16 to 18° C., and light levels about 4,000 to 8,000 foot-candles. One cutting was planted per 15-cm container and plants were grown for about 13 weeks. In the following description, color references are made to The Royal Horticultural Society Colour Chart, 1995 Edition, except where
25 30 general terms of ordinary dictionary significance are used.

Botanical classification: *Fuchsia*×*hybrida* cultivar Kiefukaf.
Parentage:

35 *Female or seed parent.*—Proprietary selection of *Fuchsia*×*hybrida* identified as code number 6253-1, not patented.

Male, or pollen, parent.—Proprietary selection of *Fuchsia*×*hybrida* identified as code number 265, not patented.

Propagation:

Type cutting.—Terminal cuttings.
Time to initiate roots, summer and winter.—About 14 days at 21° C.

45 *Time to produce a rooted cutting.*—Summer: About 28 days at 21° C. Winter: About 32 days at 21° C.

Root description.—Fine, fibrous, and freely-branching.
Plant description:

Form.—Upright and pendulous plant habit, relatively compact and freely branching habit; dense and full plants. Freely flowering. Appropriate for 10 to 15-cm containers. Moderately vigorous.

Plant height at flowering.—About 16 cm.

Plant diameter at flowering.—About 28 cm.

Branching habit.—Freely branching; typically 14 lateral branches develop per plant. Pinching (removal of terminal apex) enhances lateral branch development.

Lateral branch description.—Length: About 17 cm. Diameter: About 3 mm. Internode length: About 2.2 cm. Aspect: Initially upright to pendulous with flower development. Strength: Moderately strong. Texture: Smooth, glabrous. Color: 146B to 146C.

Foliage description.—Arrangement: Simple, opposite. Length: About 4.2 cm. Width: About 2 cm. Shape: Elliptic. Apex: Acute. Base: Attenuate to obtuse. Margin: Serrulate. Texture, upper and lower surfaces: Smooth, glabrous. Venation pattern: Pinnate. Petiole length: About 1.3 cm. Petiole diameter: About 2 mm. Petiole texture, upper and lower surfaces: Smooth, glabrous. Color: Young leaves, upper and lower surfaces: 137B. Fully expanded leaves, upper surface: 137A. Fully expanded leaves, lower surface: 137C. Venation, upper surface: 137B. Venation, lower surface: 137C. Petiole, upper and lower surfaces: 148B.

Flower description:

Flower type and habit.—Single bi-colored axillary flowers. Freely flowering; potentially two flowers per leaf axil; about six open flowers per lateral branch. Flowers not persistent. Flowers not fragrant.

Natural flowering season.—April through October in northern Europe; flowering recurrent.

Flower longevity.—Flowers last about four to five days on the plant.

Flower orientation.—Initially upright, then pendulous.

Flower diameter.—About 5.8 cm.

Flower height.—About 6.5 cm.

Flower buds.—Shape: Ovoid. Length: About 4 cm. Width: About 1.2 cm. Color: 67A.

Petals.—Quantity: Four; imbricate. Length: About 2.7 cm. Width: About 2 cm. Shape: Fan-shaped. Apex: Rounded. Margin: Entire. Texture, upper and lower surfaces: Glabrous, smooth and satiny. Color: When opening, upper surface: 155C. When opening, lower surface: 155D. Fully opened, upper surface: 155D; towards base, 67C to 67D. Fully opened, lower surface: 155D; towards base, 67C to 67D.

Sepals.—Quantity: Four; fused at base. Length: About 4.5 cm. Width: About 8 mm. Aspect: Flat; recurved. Shape: Narrowly elliptic. Apex: Acute. Margin: Entire. Texture, upper and lower surfaces: Glabrous, smooth. Color: When opening, upper surface: 67A. When opening, lower surface: 67B. Fully opened, upper and lower surfaces: 67B.

Peduncles.—Length: About 2.4 cm. Diameter: About 1.5 mm. Aspect: Arching to horizontal. Strength: Moderately strong. Texture: Smooth, glabrous. Color: 144A.

Reproductive organs.—Stamens: Stamen number: Eight per flower. Anther length: About 3 mm. Anther diameter: About 2 mm. Anther shape: Oblong. Anther color: 54D. Pollen amount: Moderate. Pollen color: 156D. Pistils: Pistil number: One per flower. Pistil length: About 6.5 cm. Style length: About 4.8 cm. Style color: 67B. Stigma shape: Oblong. Stigma color: 36A. Ovary color: 146A.

Seed/fruit.—Seed and fruit production has not been observed.

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

Temperature tolerance: Plants of the new Fuchsia have been observed to tolerate low temperatures of 10° C. and high temperatures of 30° C.

Garden performance: Plants of the new Fuchsia have been observed to perform well in the garden and are tolerant to rain and wind.

It is claimed:

1. A new and distinct cultivar of Fuchsia plant named 'Kiefukaf', as illustrated and described.

* * * * *

