



US00PP12735P2

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

(10) **Patent No.: US PP12,735 P2**
(45) **Date of Patent: Jun. 25, 2002**

(54) **BEAUCARNEA PLANT NAMED
‘FACH9901BEAU’**

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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 6 days.

(21) Appl. No.: **09/797,252**

(22) Filed: **Mar. 1, 2001**

(51) **Int. Cl.⁷ A01H 5/00**

(52) **U.S. Cl. Plt./373**

(58) **Field of Search Plt./373**

(56) **References Cited**
PUBLICATIONS

UPOV-ROM GTITM Computer Database 2001/01, Feb. 6,
2001, GTI Jouve Retrieval Software, Citation for
‘Fach9901beau’.*

* cited by examiner

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(57) **ABSTRACT**

A distinct cultivar of Beaucarnea plant named
‘FACH9901BEAU’, upright growth habit; dark green and
light yellow variegated leaves that are outwardly arching;
and excellent post-production longevity.

1 Drawing Sheet

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BACKGROUND OF THE INVENTION

The present invention relates to a new and distinct cultivar
of Beaucarnea plant, botanically known as *Beaucarnea*
recurvata, and hereinafter referred to by the name
‘FACH9901BEAU’.

The new cultivar was discovered by the Inventor in a
greenhouse in Honselersdijk, The Netherlands as a natu-
rally-occurring whole plant mutation of an unidentified
selection of *Beaucarnea recurvata*. The new Beaucarnea
was observed as a single plant in a group of plants of the
parent selection in 1996. This plant was selected on its
unique leaf variegation pattern as plants of the parent
selection do not have variegated leaves.

Asexual propagation of the new cultivar at Honselersdijk,
The Netherlands, by tissue culture has shown that the unique
features of this new Beaucarnea plant are stable and repro-
duced true to type in successive generations of asexual
propagation.

SUMMARY OF THE INVENTION

The new Beaucarnea has not been observed under all
possible environmental conditions. The phenotype may vary
somewhat with variations in environment such as tempera-
ture and light intensity, without, however, any variance in
genotype.

The following traits have been repeatedly observed and
are determined to be the unique characteristics of
‘FACH9901BEAU’. These characteristics in combination
distinguish ‘FACH9901BEAU’ as a new and distinct culti-
var:

1. Upright growth habit.
2. Dark green and light yellow variegated leaves that are
outwardly arching.
3. Excellent post-production longevity.

Plants of the new Beaucarnea differ from plants of the
parent selection primarily in leaf coloration; in addition,
leaves of plants of the new Beaucarnea are more uniform in
shape and size than leaves of plants of the parent selection.

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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
Beaucarnea. The photograph comprises a top perspective
view of a typical potted plant of the parent selection (left)
and a typical potted plant of ‘FACH9901BEAU’ (right)
showing the difference in the leaf coloration.

DETAILED BOTANICAL DESCRIPTION

The following observations, measurements and compari-
sons describe plants grown in Honselersdijk, The
Netherlands, in a glass-covered greenhouse with day tem-
peratures about 20 to 26° C. and night temperatures about 20
to 23° C. Plants were about 1.5 years from planting and were
grown in 19-cm containers. In this description, color refer-
ences are made to The Royal Horticultural Society Colour
Chart except where general terms of ordinary dictionary
significance are used.

Botanical classification: *Beaucarnea recurvata* cultivar
FACH9901BEAU.

Parentage: Naturally-occurring whole plant mutation of an
unidentified selection of *Beaucarnea recurvata*, not pat-
ented.

Propagation:

Method.—By tissue culture.

Time to initiate roots on a tissue-cultured plantlet.—
About 70 to 84 days at 23 to 24° C.

Time to produce a root tissue-cultured plant.—About
120 to 150 days at 23 to 24° C.

Root description.—Fine.

Plant description:

Plant shape.—Upright plant habit with outwardly arch-
ing leaves; symmetrical; vigorous growth habit.

Usage.—Appropriate for 19-cm containers; indoor
plant.

Plant height from soil level to top of leaf plane.—About 25 cm.

Plant diameter or spread.—About 75 cm.

Foliage description.—Arrangement: Single; rosette. Length: About 65 cm. Width: About 1.2 to 1.4 cm. Shape: Linear. Apex: Acute. Attachment: Decurrent. Margin: Entire with very fine serrations, scaberrulous. Aspect: Initially upright, then outwardly arching. Texture: Leathery, smooth, glabrous. Venation pattern: Parallel. Color: Longitudinally variegated. Marginal areas are light yellow and the central area is dark green. On the largest leaves, the marginal areas are each about 3 mm wide and the central area is about 8 mm wide. Young leaves, upper and lower surfaces: Central area: At base, 144A; mid-section and apex, 147A. Marginal areas: 2C. Expanded leaves, upper and lower surfaces: Central area: 147A. Marginal areas: 2C.

Flower description: Flowers have not been observed on plants of the new Beaucarnea.

Disease resistance: Plants of the new Beaucarnea have not been observed to be resistant to pathogens common to Beaucarnea.

Postproduction longevity: Plants of the new Beaucarnea have been observed to maintain good leaf substance for more than two years in an interior environment.

Weather tolerance: Plants of the new Beaucarnea have been observed to be tolerant to temperatures ranging from 10 to at least 40° C.

It is claimed:

1. A new and distinct cultivar of Beaucarnea plant named 'FACH9901BEAU' as illustrated and described.

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