



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

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(54) **CALIBRACHOA PLANT NAMED ‘KLEC03085’**
(50) Latin Name: *Calibrachoa* sp.
Varietal Denomination: **KLEC03085**
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(73) Assignee: **Klemm + Sohn GmbH + Co. KG**,
Stuttgart (DE)
(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 53 days.
(21) Appl. No.: **10/919,008**
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(51) **Int. Cl.**⁷ **A01H 5/00**
(52) **U.S. Cl.** **Plt./263**

(58) **Field of Search** Plt./263
(56) **References Cited**
PUBLICATIONS
Hit on ‘KLEC03085’, UPOV–Rom, GTI–Jouve Retrieval
Software, Plant Variety Database, 2004/04.*
* cited by examiner
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(57) **ABSTRACT**
A new and distinct cultivar of *Calibrachoa* plant named
‘KLEC03085’, characterized by its cascading plant habit;
freely branching habit; golden yellow-colored flowers; and
good weather tolerance.
2 Drawing Sheets

1

Botanical classification/cultivar designation: *Calibrachoa*
sp. cultivar KLEC03085.

BACKGROUND OF THE INVENTION

The present Invention relates to a new and distinct culti-
var of *Calibrachoa* plant, botanically known as *Calibrachoa*
sp., and hereinafter referred to by the name ‘KLEC03085’.

The new *Calibrachoa* is a product of a planned breeding
program conducted by the Inventor in Stuttgart, Germany.
The objective of the program is to create new early-
flowering *Calibrachoa* cultivars with compact and cascad-
ing growth habit, freely branching habit and attractive
flower colors.

The new *Calibrachoa* originated from a cross-pollination
made by the Inventor during the summer of 2001 of a
proprietary selection of *Calibrachoa* identified as code num-
ber U 130, not patented, as the female, or seed, parent with
an unknown selection of *Calibrachoa*, not patented, as the
male, or pollen, parent. The new *Calibrachoa* was selected
by the Inventor in May, 2002 in a controlled environment in
Stuttgart, Germany from within the resulting progeny from
the cross-pollination.

Asexual reproduction of the new cultivar by terminal
cuttings in a controlled environment in Stuttgart, Germany
since the summer of 2002, has shown that the unique
features of this new *Calibrachoa* are stable and reproduced
true to type in successive generations.

SUMMARY OF THE INVENTION

Plants of the cultivar KLEC03085 have not been observed
under all possible environmental conditions. The phenotype
may vary somewhat with variations in environment such as
temperature, light intensity and daylength without, however,
any variance in genotype.

The following traits have been repeatedly observed and
are determined to be the unique characteristics of
‘KLEC03085’. These characteristics in combination distin-
guish ‘KLEC03085’ as a new and distinct cultivar of *Cali-
brachoa*:

2

1. Cascading plant habit.
2. Freely branching habit.
3. Golden yellow-colored flowers.
4. Good weather tolerance; tolerant to rain and wind and
high and low temperatures.

Plants of the new *Calibrachoa* have a more trailing plant
habit than plants of the female parent selection. In addition,
plants of the new *Calibrachoa* and the female parent selec-
tion differ in flower coloration as flowers of plants of the
female parent selection are pink in color.

Plants of the cultivar KLEC03085 can be compared to
plants of the *Calibrachoa* cultivar Wescasun, disclosed in
U.S. Plant Pat. No. 12,756. In side-by-side comparisons
conducted in Stuttgart, Germany, plants of the new *Calibra-
choa* differed from plants of the cultivar Wescasun in leaf
size, flower size and flower coloration.

BRIEF DESCRIPTION OF THE PHOTOGRAPHS

The accompanying colored photographs illustrate 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 photographs may differ
slightly from the color values cited in the detailed botanical
description which accurately describe the colors of the new
Calibrachoa.

The photograph on the first sheet comprises a side per-
spective view of typical plants of ‘KLEC03085’ grown in a
hanging basket container.

The photograph on the second sheet is a close-up view of
typical flowers and leaves of ‘KLEC03085’.

DETAILED BOTANICAL DESCRIPTION

Plants used in the aforementioned photographs and fol-
lowing description were grown under conditions that closely
approximate commercial production conditions during the
spring in Stuttgart, Germany in a glass-covered greenhouse.
Plants were about five months old from planting rooted
cuttings. During the production of the plants, day and night

temperatures ranged from 16 to 18° C. and light levels were about 20,000 lux. Plants grown in 12-cm containers were used for the description. In the description, color references are made to The Royal Horticultural Society Colour Chart, 1995 Edition, except where general terms of ordinary dictionary significance are used.

Botanical classification: *Calibrachoa* sp. cultivar KLEC03085.

Parentage:

Female, or seed, parent.—Proprietary selection of *Calibrachoa* sp. identified as U 130, not patented.

Male, or pollen, parent.—Unknown selection of *Calibrachoa* sp., not patented.

Propagation:

Type cutting.—Terminal vegetative cuttings.

Time to initiate and develop roots.—Summer: About 21 days at 20 to 26° C. Winter: About 28 days at 20° C.

Root description.—Fine, fibrous and white in color.

Rooting habit.—Freely branching.

Plant description:

Form.—Annual flowering plant; initially upright to semi-upright then cascading; uniform flattened mounded appearance.

Usage.—Appropriate for hanging baskets, window boxes and patio containers.

Plant height (from soil level to top of plant plane).—About 7 cm.

Plant diameter (area of spread).—About 65 cm.

Growth rate.—Moderate.

Branching habit.—Freely branching, about six lateral branches per plant; pinching is typically not required.

Lateral branch description.—Length: About 32 cm. Diameter: About 3 mm. Internode length: About 2 to 3 cm. Texture: Glabrous. Color: 145B.

Foliage description.—Leaves simple, generally symmetrical and long persisting; sessile. Arrangement: Alternate; simple. Length: About 2.5 to 4 cm. Width: About 0.5 to 1.5 cm. Shape: Broadly elliptic. Apex: Broadly acute. Base: Attenuate. Margin: Entire. Texture, upper and lower surfaces: Smooth, glabrous. Venation pattern: Pinnate. Color: Developing foliage, upper surface: 147B. Developing foliage, lower surface: 147C. Fully expanded foliage, upper surface: 147A. Fully expanded foliage, lower surface: 147B. Venation, upper and lower surfaces: 147C.

Flower description:

Flower type and habit.—Flowers face somewhat upright or outward; single, axillary; salverform. Flowers not persistent. Freely flowering habit, about three to five open flowers and about 12 to 18 flower buds per lateral stem. Flowers not fragrant.

Natural flowering season.—Spring until frost in the autumn; flowering continuous during this time.

Time to flower.—Plants begin flowering about 13 to 14 weeks after planting.

Flower longevity on the plant.—About seven days.

Flower size.—Diameter: About 3.5 cm. Tube length: About 1.5 cm. Throat diameter, distal end: About 1 cm. Tube diameter, proximal end: About 2 mm.

Flower buds.—Length: About 1.5 cm. Diameter: About 6 mm. Shape: Irregular, oblong. Color: 149C.

Corolla.—Arrangement/appearance: Single whorl of five petals, fused into flared trumpet. Petal length from throat: About 1.5 cm. Petal width: About 1.7 cm. Petal shape: Roughly spatulate; slightly recurved. Apex: Obtuse. Petal margin: Entire. Petal texture, upper and lower surfaces: Smooth, glabrous. Color: Petal, when opening, upper surface: 12B. Petal, when opening, lower surface: 12C. Petal, fully opened, upper surface: 12B; venation, 1A. Petal, fully opened, lower surface: 12D; venation, 1A. Flower throat (inside): 12A; venation, 1A. Flower tube (outside): 12A; venation, 1A.

Sepals.—Arrangement/appearance: Single whorl of five sepals; calyx, star-shaped. Length: About 1.8 to 2 cm. Width: About 6 mm. Shape: Lanceolate to elliptic. Apex: Acute. Margin: Entire. Texture, upper and lower surfaces: Smooth, glabrous, glossy. Color, upper surface: 138A. Color, lower surface: 138B.

Peduncles.—Length: About 2.5 to 3 cm. Width: About 2 mm. Strength: Moderately strong. Angle: Erect to about 75° from vertical. Texture: Glabrous, smooth. Color: 144C.

Reproductive organs.—Stamens: Quantity: Five per flower. Anther shape: Elliptic. Anther length: About 2 mm. Anther color: 11B. Pollen amount: Scarce. Pollen color: 11B. Pistils: Quantity: One per flower. Pistil length: About 7 mm. Stigma shape: Oval. Stigma color: 149A. Style length: About 5 mm. Style color: 150A. Ovary color: 154A.

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

Disease/pest resistance: Plants of the new *Calibrachoa* have been noted to be resistant to Powdery Mildew. Plants of the new *Calibrachoa* have not been noted to be resistant to other pathogens and pests common to *Calibrachoa*s.

Weather/temperature tolerance: Plants of the new *Calibrachoa* are tolerant to rain and wind and have been observed to tolerate temperatures from about 1 to about 50° C.

It is claimed:

1. A new and distinct cultivar of *Calibrachoa* plant named ‘KLEC03085’, as illustrated and described.

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