



(12) **United States Plant Patent**
van den Haak

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(54) **HEUCHERA PLANT NAMED ‘IFHEBBR’**

(50) Latin Name: ***Heuchera* hybrid**
Varietal Denomination: **IFHEBBR**

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(58) **Field of Classification Search**

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See application file for complete search history.

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(57) **ABSTRACT**

A new and distinct cultivar of *Heuchera* plant named
‘IFHEBBR’, characterized by its compact and uniformly
mounded plant habit; densely foliated and bushy appear-
ance; dark brown to almost black-colored leaves; long
flowering period; numerous inflorescences with greyed red-
colored flowers; and good garden performance.

2 Drawing Sheets

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Botanical designation: *Heuchera* hybrid.

Cultivar denomination: ‘IFHEBBR’.

BACKGROUND OF THE INVENTION

The present invention relates to a new and distinct *Heu-
chera* plant, botanically known as *Heuchera* hybrid and
hereinafter referred to by the name ‘IFHEBBR’.

The objective of the breeding program is to create new
compact *Heuchera* plants with attractive leaf coloration and
good garden performance.

The new *Heuchera* plant originated from a cross-pollina-
tion in May, 2011 in Andijk, The Netherlands of *Heuchera*
hybrid ‘Crimson Curls’, disclosed in U.S. Plant Pat. No.
13,729, as the female, or seed, parent with a proprietary
selection of *Heuchera* hybrid identified as code number
083-11-K011-03, not patented, as the male, or pollen, parent.
The new *Heuchera* plant was discovered and selected by the
Inventor as a single flowering plant from within the progeny
of the stated cross-pollination in a controlled greenhouse
environment in Andijk, The Netherlands in June, 2012.

Asexual reproduction of the new *Heuchera* plant by in
vitro meristem culture in a controlled environment in
Andijk, The Netherlands since June, 2016 has shown that the
unique features of this new *Heuchera* plant are stable and
reproduced true to type in successive generations.

SUMMARY OF THE INVENTION

The new *Heuchera* plant has not been observed under all
possible combinations of environmental conditions and cul-
tural practices. The phenotype may vary somewhat with
variations in environmental conditions such as temperature
and light intensity without, however, any variance in geno-
type.

The following traits have been repeatedly observed and
are determined to be the unique characteristics of

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‘IFHEBBR’. These characteristics in combination distin-
guish ‘IFHEBBR’ as a new and distinct *Heuchera* plant:

1. Compact and uniformly mounded plant habit.
2. Densely foliated and bushy appearance.
3. Dark brown to almost black-colored leaves.
4. Long flowering period.
5. Numerous inflorescences with greyed red-colored
flowers.
6. Good garden performance.

Plants of the new *Heuchera* differ primarily from plants of
the female parent, ‘Crimson Curls’, in leaf color as plants of
the new *Heuchera* have dark brown to almost black-colored
leaves whereas plants of ‘Crimson Curls’ have dark purple
brown and crimson-colored leaves. In addition, leaves of
plants of the new *Heuchera* are not as undulate as leaves of
plants of ‘Crimson Curls’.

Plants of the new *Heuchera* differ primarily from plants of
the male parent selection in leaf color as plants of the new
Heuchera have dark brown to almost black-colored leaves
whereas plants of the male parent selection have red-colored
leaves. In addition, plants of the new *Heuchera* are more
compact and denser than plants of the male parent selection.

Plants of the new *Heuchera* can be compared to plants of
Heuchera hybrid ‘Black Beauty’, disclosed in U.S. Plant
Pat. No. 13,288. In side-by-side comparisons, plants of the
new *Heuchera* differ primarily from plants of ‘Black
Beauty’ in leaf color as plants of the new *Heuchera* have
dark brown to almost black-colored leaves whereas plants of
‘Black Beauty’ have deep maroon-colored leaves. In addi-
tion, plants of the new *Heuchera* are more compact and
denser than plants of ‘Black Beauty’.

BRIEF DESCRIPTION OF THE PHOTOGRAPHS

The accompanying colored photographs illustrates the
overall appearance of the new *Heuchera* plant 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 *Heuchera* plant.

The photograph on the first sheet is a side perspective view of a typical flowering plant of 'IFHEBBR' grown in a container.

The photograph at the left of the second sheet is a close-up view of typical inflorescences of 'IFHEBBR'.

The photograph at the right of the second sheet is a close-up view of typical leaves of 'IFHEBBR'.

DETAILED BOTANICAL DESCRIPTION

The aforementioned photographs and following observations, measurements and values describe plants grown during the summer with three plants in a 15-cm containers in an outdoor nursery in Heerhugowaard, The Netherlands and under cultural practices typical of commercial *Heuchera* production. During the production of the plants, day temperatures ranged from 10° C. to 25° C. and night temperatures ranged from 4° C. to 15° C. Plants were 18 weeks old when the photographs and the description were taken. In the description, color references are made to The Royal Horticultural Society Colour Chart, 2015 Edition, except where general terms of ordinary dictionary significance are used. Botanical classification: *Heuchera* hybrid 'IFHEBBR'.

Parentage:

Female, or seed, parent.—*Heuchera* hybrid 'Crimson Curls', disclosed in U.S. Plant Pat. No. 13,729.

Male, or pollen, parent.—Proprietary selection of *Heuchera* hybrid identified as code number 083-11-K011-03, not patented.

Propagation:

Type.—By in vitro meristem culture.

Time to initiate roots, summer.—About ten days at temperatures about 22° C.

Time to initiate roots, winter.—About 15 days at temperatures about 20° C.

Time to produce a rooted young plant, summer.—About 42 days at temperatures about 20° C.

Time to produce a rooted young plant, winter.—About 50 days at temperatures about 20° C.

Root description.—Fine, fibrous; typically light brown in color, actual color of the roots is dependent on substrate composition, water quality, fertilizer type and formulation, substrate temperature and physiological age of roots.

Rooting habit.—Freely branching; medium density.

Plant description:

Plant and growth habit.—Herbaceous perennial; basal rosette plant habit with leaves developing from the base; densely foliated and dense and bushy appearance; compact and uniformly mounded plant habit; moderately vigorous growth habit; moderate growth rate.

Plant height, soil level to top of foliar plane.—About 24 cm.

Plant height, soil level to top of inflorescences.—About 61.7 cm.

Plant diameter or spread.—About 57 cm.

Leaf description:

Arrangement.—Alternate in basal rosettes; simple.

Length.—About 8.6 cm.

Width.—About 8.1 cm.

Shape.—Broadly ovate; palmately lobed.

Apex.—Obtuse with a small and short abruptly acute tip.

Base.—Hastate, lobes free to touching.

Margin.—About five lobe per leaf; crenate with small and short abruptly acute tips; sinuses medium in depth and divergent; undulate.

Texture and luster, upper and lower surfaces.—Sparsely pubescent; slightly to moderately glossy.

Venation pattern.—Palmate; reticulate.

Color.—Developing leaves, upper surface: Close to between 59A and 187B. Developing leaves, lower surface: Close to 187B. Fully expanded leaves, upper surface: Close to between 200A and 203A; venation, close to between 200A and 203A. Fully expanded leaves, lower surface: Close to between N77B and N186C; venation, close to N77B.

Petioles.—Length: About 18.1 cm. Diameter: About 2 mm. Strength: Moderately strong. Texture and luster, upper and lower surfaces: Smooth, glabrous; slightly glossy. Color, upper and lower surfaces: Close to between N186C and 200B.

Stipules.—Quantity and arrangement: One at the base of each leaf. Length: About 1.3 cm. Width: About 2 mm. Shape: Lanceolate with acute apex. Color, upper and lower surfaces: Close to 187B.

Flower description:

Flower type and flowering habit.—Single campanulate flowers arranged on axillary compound spikes; each spike with about 300 flowers; about 3,000 flowers develop per plant during the flowering season; flowers are mostly nodding.

Fragrance.—None detected.

Time of flowering.—Plants flower continuously from the late spring into the summer in The Netherlands; plants begin flowering about four months after planting.

Inflorescence longevity.—Individual flowers last about a week on the plant; flowers not persistent.

Inflorescence length.—About 38.6 cm.

Inflorescence width.—About 10 cm.

Flower diameter.—About 5.5 mm by 5.5 mm.

Flower depth (height).—About 7.5 mm.

Flower buds.—Height: About 4 mm. Diameter: About 3 mm. Shape: Broadly ovate. Texture and luster: Densely pubescent; matte. Color: Distally, close to 185A and proximally, close to N186C.

Petals.—Quantity and arrangement: Five petals in a single whorl. Length: About 4 mm. Width: About 1 mm. Shape: Oblanceolate. Apex: Acute. Base: Long attenuate. Margin: Entire. Texture and luster, upper and lower surfaces: Smooth, glabrous; matte. Color: When opening, upper and lower surfaces: Close to 75C. Fully opened, upper and lower surfaces: Close to 75C to 75D; venation, close to 75C to 75D; color does not change with development.

Sepals.—Quantity and arrangement: Five sepals in a single whorl; lower 55% fused. Length: About 5.5 mm. Width: About 1.5 mm. Shape: Narrow ovate. Apex: Narrow obtuse. Margin: Entire. Texture and luster, upper surface: Smooth, glabrous; matte. Texture and luster, lower surface: Densely pubescent; matte. Color: When opening, upper surface: Close to 182B and 182C. When opening, lower surface: Close to 178A and 178B; distally, tinged with close to 200B. Fully opened, upper surface: Close to 182B

and 182C. Fully opened, lower surface: Close to 178A and 178B; proximally, tinged with close to 183A and 183B.

Peduncles.—Length: About 61.5 cm. Diameter: About 3 mm. Strength: Moderately strong. Aspect: Erect to about 60° from vertical. Texture and luster: Densely pubescent; glossy. Color: Close to between 200A and 203A.

Pedicels.—Length: About 6 mm. Diameter: About 0.5 mm. Strength: Moderately strong. Aspect: About 55° from peduncle axis. Texture and luster: Moderately to densely pubescent; slightly glossy. Color: Close to 183B to 183C.

Reproductive organs.—Androecium: Stamen number: Five per flower. Filament length: About 4 mm. Filament color: Close to 155A. Anther length: About 0.5 mm. Anther shape: Deltoid. Anther color: Close to 24B. Amount of pollen: Scarce. Pollen color: Close to 14B. Gynoecium: Pistil number: Two per

flower. Pistil length: About 5 mm. Style length: About 4.75 mm. Style color: Close to 155C. Stigma diameter: About 0.2 mm. Stigma shape: Club-shaped. Stigma color: Close to 148C. Ovary color: Close to 148B.

Seeds and fruits.—To date, seed and fruit development have not been observed on plants of the new *Heuchera*.

Pathogen & pest resistance: To date, plants of the new *Heuchera* have not been observed to be resistant to pathogens and pests common to *Heuchera* plants.

Garden performance: Plants of the new *Heuchera* have been observed to have good garden performance and to tolerate high temperatures about 35° C. and to be suitable for USDA Hardiness Zones 3 through 9.

It is claimed:

1. A new and distinct *Heuchera* plant named 'IFHEBBR' as illustrated and described.

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