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Klaasse Bos-Bos

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(54) **ACHILLEA PLANT NAMED**
'BOSACHSKYEE'

(50) Latin Name: *Achillea millefolium*
Varietal Denomination: **'Bosachskyye'**

CPC A01H 5/02; A01H 5/00; A01H 6/14
See application file for complete search history.

(71) Applicant: **Adriana Klaasse Bos-Bos,**
Nieuw-Vennep (NL)

(72) Inventor: **Adriana Klaasse Bos-Bos,**
Nieuw-Vennep (NL)

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

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(51) **Int. Cl.**
A01H 5/02 (2018.01)
A01H 6/14 (2018.01)

(52) **U.S. Cl.**
USPC **Plt./263.1**

(58) **Field of Classification Search**
USPC Plt./263.1

(56) **References Cited**

PUBLICATIONS

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Primary Examiner — June Hwu

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

(57) **ABSTRACT**

A new and distinct cultivar of *Achillea* plant named
'Bosachskyye', characterized by its upright and uniform
plant habit; vigorous growth habit; freely branching habit;
freely flowering habit; inflorescences with bright yellow-
colored ray florets; and good garden performance.

1 Drawing Sheet

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Botanical designation: *Achillea millefolium*.
Cultivar denomination: 'BOSACHSKYEE'.

**STATEMENT REGARDING PRIOR
DISCLOSURES BY INVENTOR/APPLICANT**

An European Community Plant Breeder's Rights appli-
cation for the instant plant was filed by the Inventor/
Applicant on Feb. 7, 2022, application number 2022/0401.
Foreign priority is not claimed to this application.

The Inventor/Applicant assert that no publications nor
advertisements relating to sales, offers for sale or public
distribution occurred more than one year prior to the effec-
tive filing date of this application. Any information about the
claimed plant would have been obtained from a direct or
indirect disclosure from the Inventor/Applicant. Inventor/
Applicant claim a prior art exception under 35 U.S.C.
102(b)(1) for disclosure and/or sales prior to the filing date
but less than one year prior to the effective filing date.

BACKGROUND OF THE INVENTION

The present invention relates to a new and distinct cultivar
of *Achillea* plant, botanically known as *Achillea millefolium*,
commonly referred to as Yarrow, and hereinafter referred to
by the name 'Bosachskyye'.

The new *Achillea* plant is a product of a planned breeding
program conducted by the Inventor in Nieuw-Vennep and
Zwaanshoek, The Netherlands. The objective of the breed-
ing program is to create new vigorous *Achillea* plants with
uniform plant habit and large inflorescences with attractive
flowers.

The new *Achillea* plant originated from a cross-pollina-
tion in Nieuw-Vennep, The Netherlands in July, 2015 of

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Achillea millefolium 'Desyel', disclosed in U.S. Plant Pat.
No. 22,369, as the female, or seed, parent with *Achillea*
millefolium 'Surprising Cherry', not patented, as the male,
or pollen, parent. The new *Achillea* 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 Zwaanshoek, The
Netherlands in July, 2016.

Asexual reproduction of the new *Achillea* plant by veg-
etative tip cuttings in a controlled environment in Zwaan-
shoek, The Netherlands since July, 2016, has shown that the
unique features of this new *Achillea* plant are stable and
reproduced true to type in successive generations.

SUMMARY OF THE INVENTION

Plants of the new *Achillea* have not been observed under
all possible combinations of environmental conditions and
cultural 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 'Bosach-
skyye'. These characteristics in combination distinguish
'Bosachskyye' as a new and distinct *Achillea* plant:

1. Upright and uniform plant habit.
2. Vigorous growth habit.
3. Freely branching habit.
4. Freely flowering habit.
5. Inflorescences with bright yellow-colored ray florets.
6. Good garden performance.

Plants of the new *Achillea* differ from plants of the female parent, 'Desyel', in plant size as plants of the new *Achillea* are medium in size whereas plants of 'Desyel' are short and compact.

Plants of the new *Achillea* differ from plants of the male parent, 'Surprising Cherry', in ray floret color as plants of the new *Achillea* have bright yellow-colored ray florets whereas plants of 'Surprising Cherry' have purplish red-colored red florets.

Plants of the new *Achillea* can also be compared to plants of *Achillea millefolium* 'Desert Eve Cream', not patented. In side-by-side comparisons, plants of the new *Achillea* differ primarily from plants of 'Desert Eve Cream' in ray floret color as plants of the new *Achillea* have bright yellow-colored ray florets whereas plants of 'Desert Eve Cream' have cream-colored-colored ray florets. In addition, plants of the new *Achillea* are larger than and not as compact as plants of 'Desert Eve Cream'.

BRIEF DESCRIPTION OF THE PHOTOGRAPH

The accompanying photograph illustrates the overall appearance of the new *Achillea* plant showing the colors as true as it is reasonably possible to obtain in colored reproductions 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 *Achillea* plant. The photograph is a top perspective view of a typical flowering plant of 'Bosachskyee' grown in a container.

DETAILED BOTANICAL DESCRIPTION

The aforementioned photograph and following observations and measurements describe plants grown during the late summer in 17-cm containers in an outdoor nursery in Aalsmeer, The Netherlands and under cultural practices typical of commercial *Achillea* production. During the production of the plants, average daily temperatures were 22° C. and average night temperatures were 17° C. Plants were 15 weeks old when the photograph and description were taken. In the following description, color references are made to The Royal Horticultural Society Colour Chart, Second Edition, except where general terms of ordinary dictionary significance are used.

Botanical classification: *Achillea millefolium* 'Bosachskyee'.

Parentage:

Female, or seed, parent.—*Achillea millefolium* 'Desyel', disclosed in U.S. Plant Pat. No. 22,369.

Male, or pollen, parent.—*Achillea millefolium* 'Surprising Cherry', not patented.

Propagation:

Type.—Terminal vegetative cuttings.

Time to initiate roots, summer.—About 16 days at temperatures about 26° C.

Time to initiate roots, winter.—About three weeks at temperatures about 23° C.

Time to produce a rooted cutting, summer.—About 24 days at temperatures about 23° C.

Time to produce a rooted cutting, winter.—About four weeks at temperatures about 18° C.

Root description.—Medium in thickness, fibrous; typically white to light yellow 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.—Moderately freely branching habit; medium density.

Plant description:

Plant and growth habit.—Perennial plant appropriate as a container or garden plant; upright and uniform plant habit; vigorous growth habit; rapid growth rate; freely basal branching habit with about 24 basal branches developing per plant.

Plant height.—About 51 cm.

Plant diameter or spread.—About 45 cm.

Lateral branches.—Length: About 46 cm. Diameter:

About 4 mm. Internode length: About 4.5 cm.

Aspect: Upright to about 30° from vertical. Strength:

Strong. Texture and luster: Pubescent; glossy. Color, developing and developed: Close to 144A.

Leaf description:

Arrangement.—Alternate, simple; sessile.

Length.—About 1.5 cm.

Width.—About 1 cm.

Shape.—Overall, oblong; feathery and fern-like.

Apex.—Acute.

Base.—Truncate.

Margin.—Deeply and finely dissected, pinnatisect; lobes divergent.

Texture and luster, upper and lower surfaces.—Pubescent; glossy.

Venation pattern.—Pinnate.

Color.—Developing leaves, upper surface: Close to 137A. Developing leaves, lower surface: Close to 138A. Fully expanded leaves, upper surface: Close to 137A; venation, close to 148D. Fully expanded leaves, lower surface: Close to 138A; venation, close to 148D.

Inflorescence description:

Arrangement and habit.—Rotate composite inflorescence form; inflorescences arranged in terminal or axillary compound corymbs; corymbs are slightly rounded; freely flowering habit with about 222 inflorescences per terminal corymb and about 5,328 inflorescences per plant; corymbs positioned above the foliar plane and face mostly upright.

Fragrance.—Faint; pleasant.

Time to flower.—Plants flower during June and July in The Netherlands; inflorescences not persistent.

Inflorescence buds.—Height: About 5 mm. Diameter: About 2 mm. Shape: Ovoid. Texture and luster: Smooth, glabrous; glossy. Color: Close to 144A.

Corymb diameter.—About 8 cm.

Corymb height.—About 5 cm.

Inflorescence diameter.—About 7 mm.

Inflorescence height.—About 6 mm.

Disc diameter.—About 4 mm.

Receptacle diameter.—About 1 mm.

Receptacle height.—About 1 mm.

Receptacle shape.—Rounded, button-shaped.

Receptacle color.—Close to 143A.

Ray florets.—Quantity and arrangement: About five in a single whorl; ray florets face outwardly. Length: About 2 mm. Width: About 4 mm. Shape: Obovate. Apex: Emarginate. Base: Cordate. Margin: Mostly entire, distally, crenate; slightly undulate. Texture and luster, upper and lower surfaces: Smooth, glabrous; matte. Color: When opening, upper surface:

Close to 42B; towards the base, close to 12A. When opening, lower surface: Close to 12D. Fully opened, upper surface: Close to 12A; at the apex, occasionally tinged with close to 42D; venation, close to 12A; color does not change with subsequent development. 5 Fully opened, lower surface: Close to 12C; venation, close to 12C; color does not change with subsequent development.

Disc florets.—Quantity and arrangement: About 22 massed at the center of the receptacle. Length: About 10 5 mm. Diameter: About 1 mm. Shape: Tubular; apex, five-pointed. Texture and luster; upper and lower surfaces: Smooth, glabrous; matte. Color, when developing, upper and lower surfaces: Close to 9A. Color, fully developed, upper and lower surfaces: 15 Close to 9A; color does not change with subsequent development.

Phyllaries.—Quantity and arrangement: About 14 arranged in about three whorls; imbricate and tightly appressed to the ray florets. Length: About 4 mm. 20 Width: About 2 mm. Shape: Elliptic. Apex: Acute. Base: Cuneate. Margin: Entire. Texture and luster, upper and lower surfaces: Pubescent; glossy. Color, upper and lower surfaces: Close to 144A.

Peduncles.—Length, terminal peduncle: About 3 mm. 25 Diameter, terminal peduncle: About 2 mm. Length, third peduncle: About 2 mm. Diameter, third peduncle: About 2 mm. Strength: Moderately strong. Aspect, terminal peduncle: Erect. Aspect, third peduncle: About 50° from vertical. Texture and luster: 30 Pubescent; semi-glossy. Color: Close to 144A.

Pedicels.—Length: About 2 mm. Diameter: About 1 mm. Strength: Flexible. Aspect: About 45° from vertical. Texture and luster: Pubescent; semi-glossy. Color: Close to 144A.

Reproductive organs.—Androecium (present on disc florets only): Quantity: About five. Filament length: About 1 mm. Filament color: Close to 144A. Anther shape: Narrowly oblong; basifixed. Anther size: About 0.1 mm by 1 mm. Anther color: Close to 13A. Pollen amount: Abundant. Pollen color: Close to 13A. Gynoecium (present on disc and ray florets): Quantity: One. Pistil length: About 5 mm. Stigma diameter: About 1 mm. Stigma shape: Bi-parted. Stigma color: Close to 144A. Style length: About 4 mm. Style color: Close to 144B. Ovary color: Close to 145D.

Seeds and fruits.—To date, seed and fruit production has not been observed on plants of the new *Achillea*.

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

Garden performance: Plants of the new *Achillea* have been observed to have good garden performance and tolerate wind, rain and to tolerate temperatures ranging from about -37° C. to about 35° C. and to be suitable for U.S.D.A. Hardiness Zone 3 and higher.

It is claimed:

1. A new and distinct *Achillea* plant named 'Bosachskyeye' as illustrated and described.

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