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Ruigrok

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(54) **DAHLIA PLANT NAMED 'LISA BURGUNDY'**

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(58) **Field of Search** **Plt./321**

(56) **References Cited**

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(57) **ABSTRACT**

A distinct cultivar of Dahlia plant named 'Lisa Burgundy',
characterized by its large and numerous double inflores-
cences that are about 8.2 cm in diameter; dark reddish purple
ray florets; mostly upright, mounded and uniform growth
habit; dark green leaves; and strong peduncles that hold
inflorescences about the foliage.

1 Drawing Sheet

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BACKGROUND OF THE INVENTION

The present invention relates to a new and distinct variety
of Dahlia plant, botanically known as *Dahlia variabilis*, and
hereinafter referred to by the cultivar name 'Lisa Burgundy'. 5

The new Dahlia is a naturally-occurring whole plant
mutation of the *Dahlia variabilis* cultivar 'Lisa', not pat-
ented. The new Dahlia was discovered by the Inventor in
September, 1996 in a controlled environment in Hillegom,
The Netherlands, within a population of plants of 'Lisa'. 10
The selection of this plant was based on its unique ray floret
color.

Asexual reproduction of the new Dahlia by terminal
cuttings harvested in Hillegom, The Netherlands, has shown
that the unique features of this new Dahlia are stable and
reproduced true to type in successive generations. 15

BRIEF SUMMARY OF THE INVENTION

The new Dahlia has not been observed under all possible
environmental conditions. The phenotype may vary some-
what with variations in environment such as temperature,
daylength and light intensity, without, however, any vari-
ance in genotype. 20

The following traits have been repeatedly observed and
are determined to be the unique characteristics of 'Lisa
Burgundy'. Those characteristics in combination distinguish
'Lisa Burgundy' as a new and distinct cultivar: 25

1. Large and numerous double inflorescences that are
about 8.2 cm in diameter. 30

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2. Dark reddish purple ray florets.
3. Mostly upright, mounded and uniform growth habit.
4. Dark green leaves.
5. Strong peduncles that hold inflorescences above the
foliage.

Compared to plants of the parent cultivar, 'Lisa', plants of
the new Dahlia have dark red purple ray florets whereas
plants of the cultivar 'Lisa' have light pink ray florets.
In addition, ray floret color of plants of the new Dahlia
does not fade with development, whereas ray floret
color of plants of the cultivar 'Lisa' fades significantly
with development. Compared to plants of the cultivar
'Lisa Dark Pink', disclosed in U.S. Plant patent appli-
cation Ser. No. 09/233,134, in side-by-side compari-
sons conducted in De Lier, The Netherlands, plants of
the new Dahlia are more freely-flowering and differ in
ray floret color. Compared to plants of the cultivar 'Lisa
Pearl', disclosed in U.S. Plant patent application Ser.
No. 09/233,135, in side-by-side comparisons con-
ducted in De Lier, The Netherlands, plants of the new
Dahlia are broader, have larger leaves, and differ in ray
floret color.

BRIEF DESCRIPTION OF THE PHOTOGRAPH

The accompanying colored photograph illustrates the over-
all appearance of the new cultivar, showing the colors as true
as it is reasonably possible to obtain in colored reproduc-
tions of this type. Colors in the photograph may differ from
the color values cited in the detailed botanical description

which accurately describe the actual colors of the new Dahlia. The photograph comprises a top perspective view of a typical plant of the new Dahlia.

DETAILED BOTANICAL DESCRIPTION

In the following description, color references are made to The Royal Horticultural Society Colour Chart except where general terms of ordinary dictionary significance are used. The following observations and measurements describe plants grown in De Lier, The Netherlands, in 12-cm containers in a glass greenhouse with average day and night temperatures of 22 and 18° C., respectively. Plants were about 8 to 10 weeks old after planting.

Botanical classification: *Dahlia variabilis*, 'Lisa Burgundy'.
Parentage: Naturally-occurring whole plant mutation of *Dahlia variabilis*, cultivar 'Lisa', not patented.

Propagation:

Type.—By terminal cuttings.

Time to initiate roots.—Summer: About 5 days at 22° C.
Winter: About 8 days at 20° C.

Time to develop roots.—Summer: About 12 days at 22° C.
Winter: About 16 days at 20° C.

Rooting habit and root description.—Easily propagated; roots fine, fibrous and well-branched.

Plant description:

Appearance.—Typically grown as potted flowering plants. Mostly upright, mounded and uniform growth habit; rounded plant apex. Moderate growth rate and moderately vigorous. Appropriate for 10 to 12.5-cm containers. Plants typically flower about 8 weeks after planting rooted cuttings. Freely basally branching, however, plants typically require pinching to enhance lateral branch development.

Plant height.—About 28 cm.

Plant spread.—About 33 cm.

Stem description.—Lateral branch diameter: About 1.3 cm. Internode length: About 3.8 cm. Texture: Smooth. Color: 144A.

Foliage description.—Arrangement: Young foliage, leaves single; fully expanded foliage, leaves compound, trifoliate; opposite. Leaf length: About 18 cm. Leaf width: About 14.5 cm. Terminal leaflet length: About 10 cm. Terminal leaflet width: About 5.5 cm. Leaflet shape: Ovate. Leaflet apex: Acute. Leaflet base: Attenuate. Leaflet margin: Dentate. Leaflet texture: Glabrous. Petiole length: About 6.5 cm. Color: Young leaflets, upper surface: Greener than 147A. Young leaflets, lower surface: Lighter than 147B. Mature leaflets, upper surface: 147A. Mature leaflets, lower surface: Lighter than 147B. Petiole: 144A.

Flowering description:

Appearance.—Double inflorescence form. Inflorescences generally hemispherical and borne on terminals above foliage, arising from leaf axils on strong peduncles; inflorescences above the foliage. Inflorescences face upright and outward. Freely flowering, typically about 25 inflorescences per plant. Disc and ray florets arranged acropetally on a capitulum. Not fragrant.

Flowering response.—Under natural conditions, plants flower intermittently from late spring through fall.

Inflorescence longevity.—Inflorescences typically maintain good substance for about 1 to 2 weeks on the plant.

Flower bud (just before opening).—Shape: Flattened spherical. Length: About 1 cm. Diameter: About 1.25 cm. Color: 143A to 144A.

Inflorescence size.—Diameter: About 8.2 cm. Depth (height): About 2.4 cm. Disc floret diameter: About 1 cm; conspicuous only on fully opened inflorescences.

Ray florets.—Quantity per inflorescence: About 73. Shape: Broadly elliptic. Orientation: Initially upright to horizontal; cupped. Length: About 3.8 cm. Width: About 2.2 cm. Apex: Acute, emarginate, bifid or trifid. Base: Attenuate. Margin: Entire. Texture: Velvety, glabrous. Color: When opening, upper surface: 61A to 58A. When opening, lower surface: 61A with light pink, 62C to 62D, longitudinal veins. Fully opened, upper surface: 59C to 60B. Fully opened, lower surface: 61A to 61B with light pink, 62C to 62D, longitudinal veins.

Disc florets.—Quantity per inflorescence: About 27. Shape: Tubular. Orientation: Upright. Length: About 1 cm. Width: Apex: About 3 mm. Base: About 1.5 mm. Apex: Pentafid. Color: Apex: 9A. Mid-section: 17A. Base: Greenish white.

Peduncle.—Aspect: Upright and strong. Length: About 15 cm. Diameter: About 4 mm. Texture: Smooth. Color: 144A.

Involucral bracts.—Shape: Oblong to linear. Tip: Acute to rounded. Margin: Entire. Texture: Waxy. Color: 144A to 144B.

Reproductive organs.—Androecium: Present on disc florets only. Anther color: 9A. Pollen amount: Moderate. Pollen color: 17A. Gynoecium: Present on disc and ray florets.

Disease resistance: Resistance to known Dahlia diseases has not been observed on plants grown under commercial greenhouse conditions.

Seed production: Seed production has not been observed.

It is claimed:

1. A new and distinct cultivar of Dahlia plant named 'Lisa Burgundy', as illustrated and described.

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