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Glicenstein

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(54) **CHRYSANTHEMUM PLANT NAMED
‘YOCHERYL’**

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patent is extended or adjusted under 35
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(58) **Field of Search** **Plt./287**

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(57) **ABSTRACT**

A distinct cultivar of Chrysanthemum plant named
‘Yocheryl’, characterized by its uniformly mounded plant
habit; glossy dark green foliage; decorative-type inflores-
cences that are about 4.3 cm in diameter; attractive lavender
ray florets; and numerous inflorescences per plant.

1 Drawing Sheet

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BACKGROUND OF THE INVENTION

The present invention relates to a new and distinct cultivar
of Chrysanthemum plant, botanically known as *Dendran-*
thema grandiflora and referred to by the cultivar name
Yocheryl.

The new cultivar is a product of a planned breeding
program conducted by the Inventor in Salinas, Calif. The
objective of the breeding program is to create new garden-
type Chrysanthemum cultivars having inflorescences with
desirable inflorescence forms and floret colors and good
garden performance.

The new cultivar originated from a cross made by the
Inventor in January, 1993, of the *Dendranthema grandiflora*
cultivar Lynn (U.S. Plant Pat. No. 8,171) as the female, or
seed, parent with an unidentified proprietary seedling selec-
tion as the male, or pollen, parent.

The cultivar Yocheryl was discovered and selected by the
Inventor as a flowering plant within the progeny of the stated
cross in a controlled environment in Salinas, Calif., in May,
1994. The selection of this plant was based on its desirable
inflorescence form and ray floret color.

Asexual reproduction of the new cultivar by terminal
cuttings taken in a controlled environment in Salinas, Calif.,
has shown that the unique features of this new Chrysanthem-
um are stable and reproduced true to type in successive
generations.

SUMMARY OF THE INVENTION

The cultivar Yocheryl has not been observed under all
possible environmental conditions. The phenotype may vary
somewhat with variations in environment such as
temperature, daylength and light intensity, without, how-
ever, any variance in genotype.

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

1. Uniformly mounded plant habit.
2. Glossy dark green foliage.
3. Decorative-type inflorescences that are about 4.3 cm in
diameter.

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4. Attractive lavender ray florets.
5. Numerous inflorescences per plant.

The new Chrysanthemum is similar to the parent cultivar
Lynn. However in side-by-side comparisons under commer-
cial practice, plants of the new Chrysanthemum differed
from plants of the cultivar Lynn in the following character-
istics:

1. Plants of the new Chrysanthemum are larger and more
flexible than plants of the cultivar Lynn.
2. Plants of the new Chrysanthemum flower about one
week later than plants of the cultivar Lynn grown under
natural season conditions.

BRIEF DESCRIPTION OF THE PHOTOGRAPHS

The accompanying photographs illustrate the overall
appearance of the new cultivar.

The photograph at the top of the sheet comprises a side
perspective view of a typical flowering plant of ‘Yocheryl’.

The photograph at the bottom of the sheet comprises a
close-up view of typical inflorescences of the cultivar ‘Yoch-
eryl’. These photographs show the colors as true as it is
reasonably possible to obtain in colored reproductions of
this type. Floret and foliage colors in the photographs may
differ from the actual colors due to light reflectance.

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 Leamington, Ontario, Canada, under con-
ditions which approximate those generally used in commer-
cial garden Chrysanthemum production. One rooted cutting
was planted in a 15-cm container on Jul. 20, 1998 and plants
were grown outdoors under natural season conditions. Mea-
surements and numerical values represent averages for typi-
cal flowering containers.

Botanical classification: *Dendranthema grandiflora* cultivar
Yocheryl.

Commercial classification: Decorative-type garden chrysan-
themum.

Parentage:

Female or seed parent.—*Dendranthema grandiflora* cultivar Lynn, disclosed in U.S. Plant Pat. No. 8,171.

Male or pollen parent.—Unidentified proprietary seedling selection.

Propagation:

Type.—Terminal tip cuttings.

Time to rooting.—Seven to ten days with soil temperatures of 21° C.

Rooting habit.—Fine, fibrous and well-branched.

Plant description:

Appearance.—Perennial herbaceous decorative-type garden Chrysanthemum. Inverted triangle. Stems initially upright, then outwardly spreading giving a uniformly mounded appearance to the plant. Freely branching with lateral branches potentially developing at every node, when pinched, about 12 laterals develop.

Plant height.—About 29 cm.

Plant spread.—About 40 cm.

Foliage description.—Leaf arrangement: Alternate. Length: About 6.9 cm. Width: About 4.9 cm. Apex: Cuspidate to mucronate. Base: Attenuate to truncate. Margin: Palmately lobed, sinuses mostly parallel. Texture: Upper surface sparsely pubescent; lower surface moderately pubescent. Veins prominent on lower surface. Petiole length: About 1.6 cm. Petiole diameter: About 2.5 mm. Color: Young foliage upper surface: Darker than 147A, glossy. Young foliage lower surface: Darker than 147B. Mature foliage upper surface: 147A, glossy. Mature foliage lower surface: 147B. Venation upper surface: 147A. Venation lower surface: 147B.

Inflorescence description:

Appearance.—Decorative-type inflorescence form with oblong to spatulate-shaped ray florets. Inflorescences borne on terminals above foliage, arising from leaf axils. Disk and ray florets arranged acropetally on a capitulum. One inflorescence per terminal with numerous inflorescences per plant, about 10 per lateral stem.

Flowering response.—Under natural season conditions, plants flower in early October in the

Northern Hemisphere about 82 days after planting, and flower for at least three weeks depending on weather conditions.

Inflorescence bud before showing color.—Height: About 5 mm. Diameter: About 7 mm. Phyllary color: Close to 141A.

Inflorescence size.—Diameter: About 4.3 cm. Depth (height): About 1.3 cm. Diameter of disc: About 2 mm.

Ray florets.—Shape: Oblong to spatulate. Length: About 2.1 cm. Width: About 7 mm. Apex: Dentate or cuspidate. Margin: Entire. Texture: Smooth, glabrous, satiny. Orientation: Initially upright, then horizontal. Number of ray florets per inflorescence: Typically more than 200. Color: When opening, upper and lower surfaces: 71A; base, white. Opened inflorescence: Upper surface: 75A gradually fading to 75B to 75C to 75D to 69A with development. Lower surface: 75A gradually fading to 75B to 75C to 75D to 69A to 69B with development.

Disc florets.—Shape: Tubular, apex dentate. Length: About 3.5 mm. Width: Apex: About 1 mm. Base: About 1 mm. Number of disc florets per inflorescence: Typically fewer than ten. Color: Immature: 154A. Mature: Apex: 9A. Mid-section and base: Greenish white.

Peduncle.—Aspect: Flexible, angled about 45° to the stem. Length: First peduncle: About 5.7 cm. Fourth peduncle: About 7.1 cm. Diameter: About 1.5 mm. Texture: Pubescent. Color: Close to 141A.

Reproductive organs.—Androecium: Present on disc florets only. Anther color: 9A. Pollen: Scarce. Gynoecium: Present on both ray and disc florets.

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

Seed production: Seed production has not been observed.

It is claimed:

1. A new and distinct cultivar of Chrysanthemum plant named 'Yocheryl', as illustrated and described.

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