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Pieters

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(54) **CHRYSANTHEMUM PLANT NAMED**
'YELLOW URANO'

OTHER PUBLICATIONS

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UPOV-ROM GTITM Computer Database, 2001/06, GTI
Retrieval Software, citation for 'Yellow Urano'.*

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patent is extended or adjusted under 35
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* cited by examiner

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(51) **Int. Cl.**⁷ **A01H 5/00**

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(57) **ABSTRACT**

(58) **Field of Search** **Plt./295**

A new plant variety of chrysanthemum producing yellow
flowers.

(56) **References Cited**

1 Drawing Sheet

U.S. PATENT DOCUMENTS

PP6,771 P * 5/1989 VandenBerg Plt./295

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BACKGROUND OF THE INVENTION

The present invention is directed to a new and distinct
variety of *Chrysanthemum morifolium*. The varietal denomi-
nation of the new chrysanthemum is 'YELLOW URANO'.

The new variety is a natural mutation discovered in a
controlled planting of the variety 'Red Urano' (pending U.S.
Plant patent; application Ser. No. 09/550,156) in Staden,
Belgium. The new variety has been asexually reproduced by
vegetative cuttings in Ventura County, Calif. and the distin-
guishing characteristics are retained through successive gen-
erations of asexual reproduction.

To produce a commercial product the plants may be
pinched once about ten days after planting. No growth
retardant has been applied in the specimens described.
Useful growing conditions include average night tempera-
tures of about 17° C. to 20° C. and average day temperatures
of about 20° C. to 30° C. The new variety has exhibited no
susceptibility or resistance to disease. Resistance or suscep-
tibility to insects has not been observed. Winter hardiness
and drought/heat tolerance have not been observed.

SUMMARY OF THE INVENTION

'YELLOW URANO' is a floriferous chrysanthemum
plant that produces yellow flowers.

ROOTING CHARACTERISTICS

Time to initiate roots: About 7 to 14 days at about 21° C.
Root description: Fine, fibrous.

COMPARISON WITH PARENTS

'YELLOW URANO' differs from its parent in having
yellow ray florets whereas its parent has red ray florets.

PLANT

Plant type: Herbaceous perennial.
Growth habit: Mounding.
Size: Height about 23 cm, width about 25 cm.
Growth rate: Moderate.
Branching characteristics: Very free branching, lateral
branches are about 20 cm in length, 0.5 cm in diameter
and near 138C in color.

BRIEF DESCRIPTION OF ILLUSTRATIONS

The accompanying photograph shows a typical specimen
of the plant and flowers of the new variety with colors being
as nearly true as possible with illustrations of this type.

FOLIAGE

Arrangement: Alternate.
Compound or Simple: Simple.
Quantity of leaves: Many.
Leaf size:
Length.—About 5.5 cm.
Width.—About 3.5 cm.
Leaf shape: Shape general outline is ovate, margin is pal-
mately lobed.
Leaf tip: Acuminate.
Leaf base: Attenuate.
Leaf attachment: Stalked.
Petiole: Length about 2 cm, diameter about 0.3 cm, color
near 137C.

DESCRIPTION OF THE PLANT

The following description of the new variety is of speci-
mens grown in a greenhouse in Ventura County, Calif. Plants
described are approximately 105 days old from a rooted
cutting. 'YELLOW URANO' has not been observed under
all possible environmental conditions. The phenotype may
vary with variations in the environment such as temperature,
light intensity, day length and cultural conditions. The color
designations herein are from The Royal Horticultural Soci-
ety Colour Chart except where general terms are used.

Margin type: Serrate.
Texture: Lightly pubescent.
Color:

Young foliage upper side.—Near 137A.
Young foliage under side.—Near 138B.
Mature foliage upper side.—Near 137A.
Mature foliage under side.—Near 137A.

Venation: Net.

Color.—Venation upper side: Near 137C. Venation under side: Near 137D.

BLOOM

Inflorescence:

Flowering habit.—Induced by darkness period greater than 13.5 hours. Approximately 50 days of day length required to induce and develop blooms.

Inflorescence form.—Decorative, opening to a multiplex daisy, the term multiplex daisy is used to describe many rows of ray florets and a very small disc presence. When the inflorescence ages, the disc florets become visible, creating a very small disc. For the majority of the inflorescence life, the disc is not visible and the form is decorative.

Natural flowering season.—Around the last week in August and early September in Ventura County, Calif.

Quantity of inflorescences per stem.—About 15.

Inflorescence diameter.—About 5 cm, the ray florets are attached at approximately a 45° angle. When removed and measured, they are individually about 4 cm. The disc is covered by ray florets, not exposed until the inflorescence ages. The description of the disc is for the diameter after the ray florets are removed and the disc is measured on its own. The diameter of the disc, because it is covered by ray florets, does not contribute to the overall diameter of the inflorescence.

Inflorescence depth.—About 2 cm.

Disc diameter.—About 1.7 cm.

Inflorescence longevity on plant.—About 20 to 25 days.

Persistence.—Persistent.

Ray florets:

Appearance.—Matte.

Texture.—Smooth.

Number.—About 150.

Shape.—Oblanceolate.

Margin.—Entire.

Tip.—Obtuse.

Length.—About 4 cm.

Width.—About 1.5 cm.

Color.—Upper side: First opening: Near 13A. Mature: Near 14B. Fading: Near 13B. Under side: First

opening: Near 13B. Mature: Near 14B. Fading: Near 13B.

Disc florets: Pistil length is about 1 cm.

Appearance.—Shiny.

Texture.—Smooth.

Number.—About 70.

Shape.—Cylindric.

Tip.—Obtuse.

Length.—About 1 cm.

Width.—About 0.1 cm.

Color.—First opening: Near 16A. Mature: Near 13B. Fading: Near 16B.

Peduncle: About 0.3 in diameter.

Length.—Terminal, shortest: About 5 cm. Lateral, longest: About 9 cm.

Color.—Near 137A.

Strength.—Moderate.

Habit.—Erect.

Inflorescence bud:

Length.—About 1 cm.

Diameter.—About 1 cm.

Form or shape.—Globular.

Color.—Near 13A.

Involucral bracts: Length about 0.9 cm, width about 0.7 cm.

Appearances.—Matte.

Texture.—Lightly pubescent.

Number.—About 20 to 30.

Shape.—Ovate.

Margin.—Entire.

Tip.—Acute.

Color.—Upper side: Near 137A. Under side: Near 137A.

REPRODUCTIVE ORGANS

Ray florets:

Pistillate.—Pistil length in the ray florets is about 1.1 cm.

Pistil number.—1 per flower.

Stigma shape.—2 branched.

Stigma color.—Near 9A.

Style length.—About 1 cm.

Style color.—Near 6D.

Disc florets:

Pistillate.—Pistil number: 1 per flower. Stigma shape: Cylindric. Style length: About 0.8 cm.

Staminate.—Stamen number: About 5. Anther shape:

Tubular. Anther color: Near 16A. Pollen color: Near 20A.

What is claimed is:

1. A new and distinct chrysanthemum plant of the variety substantially as herein shown and described.

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