

[54] CHRYSANTHEMUM

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[57] ABSTRACT

A new variety of chrysanthemum plant originating as a sport of Horim (unpatented) characterized by its satiny pure white blooms, vigorous growth, 12 week response, permanence and distinguished from the parent cultivar, Horim, by larger and purer white blooms.

1 Drawing Figure

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BACKGROUND OF THE NEW PLANT

The present invention comprises a new and distinct cultivar of chrysanthemum plant which is a sport of the unpatented off-white chrysanthemum known as Horim. The new cultivar was discovered by Nicolaas Middelburg on Mar. 23, 1975, at 's Gravenzande, in the Netherlands and has been asexually reproduced by cuttings at the same location. The new cultivar has been found to retain its distinctive characteristics through successive propagations.

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Petals:

Texture.—Thick.
Appearance.—Satiny.
Arrangement.—Imbricated.
Persistence.—Drop off cleanly.
Fragrance.—Slight, typical chrysanthemum.

Reproductive organs:

Stamen, anthers.—Few, small.
Pollen.—Cadmium Orange 8/1.
Arrangement.—Tucked inside calyx.

Botanical classification: *Chrysanthemum mortifolium*.

	White Horim	Horim
Bloom:		
Size	medium	medium-small
Fully expanded	7-8 centimeters	6-7 centimeters
Borne	several together	several together
Stems	medium, strong	medium, strong
Form	single (daisy)	single (daisy)
Permanence	excellent, 4 weeks	excellent, 4 weeks
Color:		
Center of flower	Cyprus Green 59/1	Cyprus Green 59/1
Base of petals	Agatha Green 60	Agatha Green 60
Inside of petals	white	white
Reverse of petals	white	Pastel Mauve 433/3
Tonality from a distance	white	mauve
Discoloration	none	to white, 1-2 weeks after cutting

DESCRIPTION OF THE DRAWING

The accompanying drawing shows the unique characteristics of the new cultivar, the color being as nearly true as possible with color illustrations of this type. The photo shows the new cultivar in various stages of bloom.

Styles.—Columnar. Length — short, thin.
Stigmas.—Dresden Yellow 64.
Ovaries.—Enclosed in calyx.

Plant:

Form.—Herbaceous.
Growth.—Vigorous.
Height.—Medium, depends on culture.

DESCRIPTION OF THE NEW PLANT

The new cultivar is a short day response plant and, when grown in the vicinity of 's Gravenzande, Holland, has a response time of about 12 weeks. The new cultivar may be grown year round under greenhouse conditions.

In the description which follows, color references are made to the "Horticultural Colour Chart II" issued by the British Colour Council in collaboration with the Royal Horticultural Society. The following data is based on observations of the new cultivar at 's Gravenzande, Holland. Where meaningful, comparisons are made between the new cultivar, White Horim, and the parent cultivar, Horim.

Foliage:

Top side.—Scheeles Green 60.
Size.—Medium.
Quantity.—Normal.
Shape.—Pointed oval.
Texture.—Velvety.
Ribs and veins.—Ordinary.
Edge.—Serrated.
Serration.—Single, large.
Underside.—Scheeles Green 60/2.

I claim:

1. A new and distinct cultivar of chrysanthemum, substantially as described and pictured herein, characterized by its satiny pure white blooms, vigorous

growth, 12 week response and permanence, and by having larger bloom and a purer white color than the parent cultivar, Horim.

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U.S. Patent

April 11, 1978

Plant 4,240

