

May 22, 1973

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Plant Pat. 3,343

CHRYSANTHEMUM PLANT

Filed Sept. 14, 1971



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CHRYSANTHEMUM PLANT

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Filed Sept. 14, 1971, Ser. No. 180,531
Int. Cl. A01h 5/00

U.S. Cl. Plt.—78

1 Claim

The present invention comprises a new and distinct cultivar of chrysanthemum plant which is a sport of the unpatented but commercially well known cultivar Fuji Mefo.

The new cultivar is similar in many respects to the parent cultivar Fuji Mefo, having the same characteristics of:

- (1) Vigor and response.
- (2) Fuji or spider flower form.
- (3) Foliage shape and color.
- (4) Same recommended period of flowering.
- (5) A similar petal count.

and when asexually reproduced by cuttings at Barberton, Ohio, has been found to retain its distinctive characteristics through successive propagations.

The new cultivar when grown in the vicinity of Barberton, Ohio, has a response period of approximately 10 weeks, and the following detailed description is based on observations made of the new cultivar in a greenhouse in Barberton, Ohio. The response time, blooming period, color, and total vigor may vary significantly with varying environmental conditions such as temperature, day length, and light intensity. Suggested flowering in the northern western United States and coastal California is from October through May.

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.

In the description which follows, color references are to the Munsell Color Book, 1963 edition, and comparisons are made with the parent cultivar Fuji Mefo. Where only a single value or description appears for the new cultivar, the same applies to the parent cultivar.

BOTANICAL CLASSIFICATION: CHRYSANTHEMUM MORIFOLIUM

	Yellow Fuji Mefo	Fuji Mefo
Bloom:		
Size.....	Approximately 7½"	Approximately 7"
Fully expanded.....	Approximately 8"	Approximately 7½"
Borne.....	Singly on disbudded plants	
Stems.....	Strongly and sturdy	
Form.....	Spider	
Permanence.....	10-14 days	
Color:		
Center of flower.....	Yellow, 7.5 Y8.5/8	Light yellow, 7.5 Y9/6.
Base of petals.....	Green yellow, 2.5 G Y8/10.	Green yellow, 2.5 G Y8/10.
Inside of petals.....	Light yellow, 7.5 Y9/4.	Ivory, 10 Y9/1.
Reverse of petals.....	Light yellow, 7.5 Y9/6 to 7.5 Y9/4.	Light yellow, 7.5 Y9/4 to ivory, 10 Y9/1.
Tonality from a distance.....	Light yellow	Ivory.
Discoloration.....	Light yellow, 7.5 Y9/4.	Ivory, 10 Y9/1.
Petals:		
Texture.....	Smooth	
Appearance & form.....	Straight tubular, incurving slightly to sharp point, with petal tube being smaller in diameter than petal tube of Fuji Mefo.	
Arrangement.....	Composite, whorled on a single receptacle	
Persistence.....	Resists shatter	
Fragrance.....	Typical chrysanthemum	
Reproductive organs:		
Stamen, anthers.....	None	
Pollen.....	do	
Arrangement.....	Clustered in center of flower, if present	
Styles.....	Present ray florets	
Length.....	Short	
Ovaries.....	At the base of petal attached to receptacle	
Plant:		
Form.....	Herbaceous	
Growth.....	Upright	
Height.....	Approximately 36" when grown as a single stem crop given 3-6 long day weeks and 13-16 weeks total crop time during the various seasons of the year as defined in the timetables published by Yoder Bros., Inc.	
Spread.....	None	
Foliage:		
Top side.....	Very dark green, 7.5 G Y3/4.	
Size.....	8½" long, 4" wide	6½" to 7½" long, 4" wide.
Quantity.....	Numerous	
Shape.....	Spatulate lobed	
Texture.....	Smooth	
Ribs & veins.....	Prominent	
Edge.....	Deeply indented	
Serration.....	Coarse	
Under side.....	Light green, 7.5 G Y5/4	
Stipules.....	Prominent	

The new cultivar is distinguished from Fuji Mefo by the following characteristics, when grown under comparable conditions:

- (1) Its light yellow color.
- (2) Flowers approximately ½" larger.
- (3) A petal tube narrower in diameter, providing a more delicate appearance.
- (4) The petal tip has considerable twisting to the side rather than upward turning as in the parent variety.

The new cultivar was discovered at Mt. View, Calif.,

We claim:

1. A new and distinct cultivar of chrysanthemum characterized particularly as to its uniqueness when compared to the parent cultivar Fuji Mefo by its light yellow flower color, approximately ½" larger flowers, and by its petal tubes which are narrower in diameter thereby providing a more delicate appearance.

No references cited.

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