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Noodelijk

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[54] **CHRYSANTHEMUM PLANT NAMED 'YELLOW REMIX'**

[52] U.S. Cl. Plt./74.1

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[57] **ABSTRACT**

A new and distinct cultivar of Chrysanthemum plant named 'Yellow Remix', bearing medium to large sized yellow and red blooms with a green center and performance of 19-22 days.

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2 Drawing Sheets

[51] Int. Cl.⁶ A01H 5/00

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BACKGROUND OF THE INVENTION

The present invention comprises a new and distinct cultivar of chrysanthemum plant which is a natural occurring sport of a parent chrysanthemum named 'Remix'. Parent Chrysanthemum 'Remix' is described in a co-pending U.S. Plant patent application Ser. No. 08/738,600. The new cultivar was discovered as a whole plant mutation in 1990 in a greenhouse in Holland.

The invention has been asexually reproduced by cuttings at the same location. The new cultivar has been found to retain all of its distinctive characteristics through successive asexual propagations.

SUMMARY OF THE INVENTION

The present invention is a new and distinct variety of Chrysanthemum of a medium to large sized bloom and yellow and red color.

BRIEF DESCRIPTION OF THE DRAWINGS

The present invention of a new and distinct variety of Chrysanthemum is shown in the accompanying drawings, the color being as nearly true as possible with color photographs of this type.

FIG. 1 shows the full bloom of the new cultivar.

FIG. 2 shows the various states of bloom of the new cultivar.

FIG. 3 shows foliage and petiole of the new cultivar.

DESCRIPTION OF THE INVENTION

This new variety of Chrysanthemum is of the botanical classification Chrysanthemum morifolium. When grown in the vicinity of Ter Aar, Holland, it has a response time of approximately 8 weeks. This new variety produces medium to large sized yellow and red blooms with a green center having a 3 week performance (i.e., vase life of 19-22 days). This new variety of chrysanthemum has been found to retain its distinctive characteristics throughout successive propagations and may be planted under greenhouse conditions in Holland between weeks 2 and 32. The following is a description of the plant and characteristics (color designations are from R.H.S. Color Chart) that distinguish it from related known varieties and its antecedents. The color designations are taken from the plant itself. Accordingly, any discrepancies between the color designations and the colors depicted in the photographs are due to photographic tolerances.

A comparison and botanical description of 'Yellow Remix' and related cultivar 'Remix' follows.

Botanical Classification			
CULTIVAR	YELLOW REMIX	PARENT CULTIVAR	REMIX
<u>Bud</u>			
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10	Size	large cross section ±1.3 cm large height ±1.0 cm	large cross section ±1.3 cm height ±1.0 cm
15	Form	round and flat	round and flat
	Outside Color	Greyed-Purple 187B tipped with yellow	Red-Purple 61A
<u>Bloom</u>			
20	Size	Medium to large 7-7½ cm	Medium to large 7-7½ cm
	Fully Expanded	Upper portion single flower per peduncle, lower portion plural flower per peduncle.	Upper portion single flower per peduncle, lower portion plural flower per peduncle.
25	Peduncle Lengths	Near the top ±8 cm Near the middle ±15 cm Near the bottom ±20 cm	Near the top ±8 cm Near the middle ±15 cm Near the bottom ±20 cm
30	Peduncle Lateral Shoot, Attachment	Medium	Large
	Peduncle Lateral Shoot, Angle	Medium	Large
	Form	Single (daisy)	Single (daisy)
	Performance	Good 19-22 days (18-20° c.)	Good 19-22 days (18-20° C.)
<u>Color</u>			
35	Center of Flower	Immature: Yellow-Green 144A Mature: Yellow-Green 144B Red 46A	Immature: Yellow-Green 144A Mature: Yellow-Green 144B Red-Purple 72B
40	Base of Ray florets	Red 46A becoming Yellow 6A at the tips	becoming White 155D at the tips. Red-Purple 72B becoming White 155D at the tips.
45	Outer Ray florets	Red 46A becoming Yellow 6A at the tips	White 155D at the tips.
	Inside of Ray florets	Yellow 6A becoming Red 46A at the tips	White 155D at the tips.
	Reverse of Ray florets	Yellow 6A with strong purple tints, near Red-Purple	White 155D strongly tinged with Red-Purple 72A,

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CULTIVAR	<u>Botanical Classification</u>	
	YELLOW REMIX	PARENT CULTIVAR REMIX
Tonality from Distance	59B, except at the tip. A yellow and red daisy with a green center having some pollen	becoming whiter at the tips. A purple and white daisy with a green center having some pollen
Discoloration	to Red 45A becoming Yellow 6A at the tips Yellow-Orange 14A	to Red-Purple 71D becoming White 155D at the tips. Yellow-Orange 14A
Pollen		
Ray florets		
Texture	Upperside smooth, underside smooth.	Upperside smooth, underside smooth.
Number	20-26 (two rows)	20-26 (two rows)
Cross-section	flat; two keels	flat (no keels)
Arrangement	Imbricated	Imbricated
Persistence	Good, ray florets keep straight or reflex somewhat at the edge at the end of blooming.	Good, ray florets keep straight or reflex somewhat at the edge at the end of blooming.
Fragrance	Typical chrysanthemum	Typical chrysanthemum
Disc Diameter	Medium (±1.5 cm)	Medium (±1.5 cm)
Reproductive Organs		
Stamen	Yellow, thick ±4 mm in length	Yellow, thick ±4 mm in length
Pollen	Appears fairly soon	Appears fairly soon
Styles	green, thick	green, thick
Style Length	±6 mm	±6 mm
Stigmas	yellow	yellow
Stigma Width	±2 mm	±2 mm
Ovaries	Enclosed in calyx	Enclosed in calyx
Plant		
Form	Spray mum meant	Spray mum meant

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CULTIVAR	<u>Botanical Classification</u>	
	YELLOW REMIX	PARENT CULTIVAR REMIX
Growth	for erect culture. Herbaceous.	for erect culture. Herbaceous.
Height	Short to medium 100-125 cm	Short to medium 100-125 cm
Stem Color	Yellow-Green 144A	Yellow-Green 144A
Stem Strength	Weak to medium	Weak to medium
Stem Brittleness	Absent	Absent
Stem Anthocyanin	Present	Present
Coloration		
Internodes	2-2½ cm	2-2½ cm
Flowering Response	8 weeks	8 weeks
Foliage		
Color	Green 137A	Green 137A
Size	Length ±13 cm. Width ±9 cm.	Length ±13 cm. Width ±10 cm.
Quantity	20-26	20-26
Shape	lobed, see photograph	lobed, see photograph
Texture	Upperside rough, underside smooth, slightly hirsute.	Upperside rough, underside smooth, slightly hirsute.
Ribs and Veins	Ribs well developed, veins not so developed	Ribs well developed, veins not so developed
Edge	Crenated	Crenated
Shape of Base of Sinus Between Lateral Lobes	Round	Round
Margin of Sinus Between Lateral Lobes	Converging	Converging
Shape of Base of Apex	Truncate Mucronate	Truncate Mucronate

I claim:

1. A new and distinct variety of *Chrysanthemum* plant as described and illustrated.

* * * * *

FIG. 1



FIG. 2

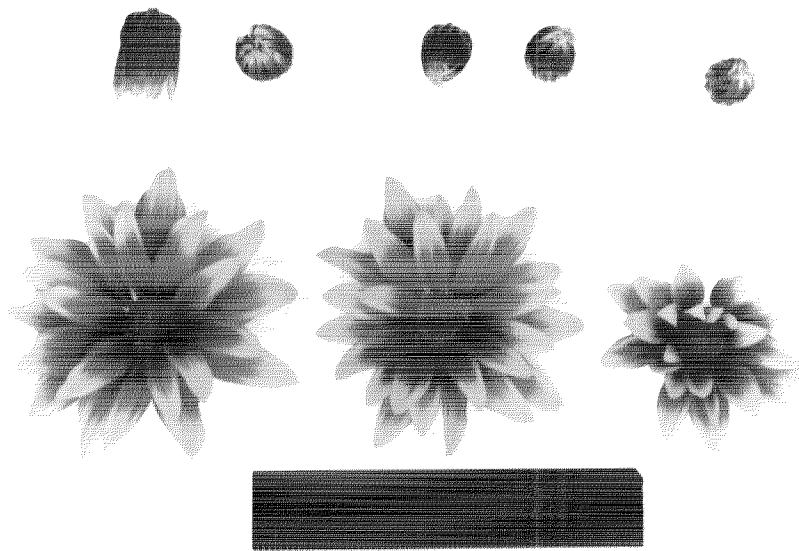


FIG. 3

