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CHRYSANTHEMUM PLANT

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## CHRYSANTHEMUM PLANT

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### 1 Claim

The present invention comprises a new and distinct cultivar of chrysanthemum plant which is a sport of the unpatented cultivar known commercially in the United States as Telstar.

The new cultivar is similar in many respects to Telstar, having the same characteristics as Telstar of:

1. Plant habit.
2. Flowering response.
3. Flower size and form.

The new cultivar is distinguished from Telstar by the following characteristics:

Botanical classification: *Chrysanthemum morrifolium*

	Deep Telstar	Telstar
<b>Bloom:</b>		
Size	3 1/4"	
Fully expanded	5"	
Borne	Clusters on elongated pedicels	
Stems	Strong	
Form	Decorative	
Permanence	10-14 days	
<b>Color:</b>		
Center of flower	Lavender 2.5RP6/6	Pale lavender 5RP9/2.
Base of petals	Lavender 2.5RP6/6 to light lavender 2.5RP7/4	Pale lavender 2.5RP9/2 to pale lavender 5RP9/2.
Inside of petals	do	Do.
Reverse of petals	Pale lavender 2.5RP8/4	Very pale lavender 5RP9/1.
Tonality from a distance	Lavender	Light lavender.
Discoloration	Light lavender 2.5RP7/4	Pale lavender 5RP9/2.
<b>Petals:</b>		
Texture	Smooth	
Appearance and form	Open at base, board shallow ridged keel, tapering to a blunt point.	
Arrangement	Composite, whorled on a single receptacle	
Persistence	Resist shatter	
Fragrance	Typical chrysanthemum	
<b>Reproductive organs:</b>		
Stamen	None	
Anthers	do	
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	
<b>Plant:</b>		
Form	Herbaceous	
Growth	Upright	
Height	Approximatley 43"-47" when grown as a single stem crop, given 3 to 5 long day weeks and 13 to 15 weeks total crop time for the various seasons of the year as defined in the timetables published by Yoder Bros., Inc.	
Spread	None when grown single stem to moderate when pinched	
<b>Foliage:</b>		
Top side	Very dark green, 10GY2/4	
Size	7 1/2" long, 5" wide	
Quantity	Numerous	
Shape	Spatulate lobed	
Texture	Smooth	
Ribs and veins	Very prominent	
Edge	Deeply indented	
Serration	Coarse	
Underside	Light green 7.5GY5/4	
Stipules	Very prominent	

1. More intense lavender flower color.
2. Flower color more attractive when parent fades.
3. Longer period of value—October to mid-June vs. mid-October through April of parent.

The new cultivar was selected from a flowering block of the parent cultivar at Barberton, Ohio; 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

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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 and western United States is from October through mid-June; coastal California, September through May; Florida, mid-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 drawing, the new cultivar appears on the top, and in the comparison photograph at the bottom of the drawing, the new cultivar appears on the right and the cultivar Telstar on the left.

Color references are made to the Munsell Color Book, 1963 edition, and comparisons are made with the cultivar Telstar. Where only a single value or description appears for the new cultivar, the same applies also to the parent.

We claim:

1. A new and distinct cultivar of chrysanthemum characterized particularly as to its uniqueness when compared to the parent cultivar Telstar by its more intense lavender flower color; a superior flower color retention, with the lavender color being darker and more attractive than parent when fading occurs; and by its longer period of value, October to mid-June, as compared with mid-October through April of the parent cultivar.

No references cited.

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