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CHRYSANTHEMUM PLANT

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3,354

## CHRYSANTHEMUM PLANT

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### 1 Claim

The present invention comprises a new and distinct variety of chrysanthemum plant which is a seedling of parents identified as #611868-5 × #63340-1. Both parents are unpatented and identified for breeding purposes by the above numbers to distinguish the same from other parents in the same breeding program.

The new cultivar is similar in many respects to the well-known, unpatented cultivar Carillon, having the same characteristics as Carillon of:

- (1) Flower form which is a formal pompon.
- (2) Stem strength—strong and wiry.
- (3) Lack of pollen.
- (4) Identical keeping qualities—7-10 days.
- (5) Tolerance to varying temperature and light conditions.

The new variety is distinguished from Carillon by the following characteristics:

Botanical classification: *Chrysanthemum morifolium*

	Spartan	Carillon
<b>Bloom:</b>		
Size	2 3/8"	1 3/4"
Fully expanded	3"	2 1/8"
Borne	On elongated pedicels in clusters of 9-10	On elongated pedicels in clusters of 5-6.
Form	Strong and wiry	Formal pompon
Permanence	7-10 days	
<b>Color:</b>		
Center of flower	Lavender, 10P7/4 to lavender, 10P7/6	Greenish yellow, 10Y8.5/6.
Base of petals	Lavender, 10P7/4 to lavender, 10P8/4	Lavender 7P7/2 to pale lavender, 10P9/1.
Inside of petals	do	Lavender, 10P8/6 to light lavender, 10P8/4.
Reverse of petals	Light lavender, 10P9/2, to light lavender, 10RP 9/1.	Lavender, 7P7/2 to pale lavender, 10P9/1.
Tonality from a distance	Lavender	Lavender.
Discoloration	Light lavender	Grey-lavender.
<b>Petals:</b>		
Texture	Smooth	
Appearance and form	Open at base, moderately keeled, tapering to a rounded point.	Open at base, deeply keeled tapering to a point
Arrangement	Composite, whorled on a single receptacle	
Persistence	Resist shatter	
Fragrance	Typical chrysanthemum	
<b>Reproductive organs:</b>		
Stamen, anthers	None	
Pollen	do	
Arrangement	do	
Styles	Present	
Length	Short	
Ovaries	At base of petal attached to receptacle	
<b>Plant:</b>		
Form	Herbaceous	
Growth	Upright	
Height, depending on culture	44"-48"	40"-44"
Spread	None when grown single stem to slight when grown pinched.	
<b>Foliage:</b>		
Top side	Dark green 10GY3/2	Green, 10GY3/4.
Size	7 1/2" long, 4 1/2" wide	6 1/4" long, 2 7/8" wide.
Quantity	Numerous	
Shape	Palmate	
Texture	Smooth	
Ribs and veins	Prominent	Very prominent.
Edge	Moderately indented	Deeply indented.
Serration	Slight	Moderate.
Underside	Light green, 7.5GY6/4	Light green, 10GY5/4.
Stipules	Prominent at base of petiole	No stipules.

- (1) 1/2" larger flowers.
- (2) A minimum of 4 more flowers per stem, thereby providing greater productivity.
- (3) 3"-4" additional vigor when grown under identical conditions.
- (4) Stipules present and clearly evident at base of petiole. There are no stipules on Carillon.
- (5) A smoother lavender color with less fading under high temperature, high light conditions, thereby providing a more uniform color over the petal and a more attractive appearance.
- (6) A broader, less sharply pointed petal.
- (7) A larger, darker colored leaf with less indentation, serration, and prominence of ribs and veins.

The new cultivar was selected from the progeny of the designated cross 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, color, vigor, and blooming period may vary significantly with varying environmental conditions such as temperature, day length, and light intensity. Suggested flowering in the northern United States is from mid-March to mid-November; in coastal California, year-round, and in the southern states, December through April.

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

### We claim:

1. A new and distinct variety of chrysanthemum characterized particularly as to its uniqueness when compared to the cultivar Carillon by its 1/2" larger flowers; greater flower production, averaging 4 more flowers per stem; 3"-4" more vigor; stipules formation; a smoother lavender color with less fading under high temperature, high light conditions; a broader, less sharply pointed petal; and by its larger, darker, less indented, and serrated foliage with less prominent ribs and veins.

No references cited.

ROBERT E. BAGWILL, Primary Examiner