

Nov. 26, 1974

W. H. JESSEL, JR., ET AL

Plant Pat. 3,658

CHRYSANTHEMUM PLANT

Filed Oct. 9, 1973

2 Sheets-Sheet 1



Nov. 26, 1974

W. H. JESSEL, JR., ET AL

Plant Pat. 3,658

CHRYSANTHEMUM PLANT

Filed Oct. 9, 1973

2 Sheets-Sheet 2



1

3,658

CHRYSANTHEMUM PLANT

Walter H. Jessel, Jr., Doylestown, and William E. Duffett,
Akron, Ohio, assignors to Yoder Brothers, Inc., Bar-
berton, Ohio

Filed Oct. 9, 1973, Ser. No. 404,808

Int. Cl. A01h 5/00

U.S. Cl. Plt.—77

1 Claim

The present invention comprises a new and distinct cultivar of chrysanthemum plant known by the varietal name Icecapade, which is a sport of the well-known un-

patented cultivar known in the United States as Escapade. The new cultivar is similar in many respects to Escapade, having the same characteristics of:

1. Equal vigor.
2. Similar durability and shipping qualities.
3. The same recommended period of value as a cut standard.
4. Similar flower form.

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

1. An ivory white flower color when grown at finishing temperatures of 60° F. At temperatures of 58° F. or less some pink tinging will occur.

Botanical classification: *Chrysanthemum morifolium*

	Icecapade	Escapade
Bloom:		
Size.....	4 1/2"	5"
Fully expanded.....	5 1/4"	5 3/4"
Borne.....	Singly on disbudded plants	
Stems.....	Strong	
Form.....	Semi-incurve	
Permanence.....	7-10 days	
Color:		
Center of flower.....	Ivory, 7.5Y9/6	Lavender, 5RP6/6.
Base of petals.....	Yellow green, 2.5GY7/10	Greyed lavender, 5RP8/2.
Inside of petals.....	Light yellow 7.5Y9/6 to ivory, 10Y9/1, under finishing temperatures of 60° F. or higher. At finishing temperatures of 58° F. or lower, some pink tinging will occur.	Lavender pink, 10P7/6.
Reverse of petals.....	do	Pale lavender, 10P8/2.
Tonality from a distance.....	Ivory white	Lavender pink.
Discoloration.....	Ivory, 10Y9/1, under finishing temperatures of 60° F. or higher. At finishing temperatures of 58° F. or lower, some pink tinging will occur.	Pale lavender, 10P8/2.
Petals:		
Texture.....	Smooth	
Appearance and form.....	Closed at base, opening slowly to a deep multiridged keel, tapering to a hooded blunt tip.	
Arrangement.....	Composite, whorled on a single receptacle	
Persistence.....	Resist shatter	
Fragrance.....	Typical chrysanthemum	
Reproductive Organs:		
Stamen, anthers.....	None	
Pollen.....	do	
Arrangement.....	Clusters in center of flower, if present	
Styles.....	Present in ray florets	
Length.....	Short	
Ovaries.....	At the base of petal attached to receptacle	
Plant:		
Form.....	Herbaceous	
Growth.....	Upright	
Height.....	Approximately 35"-39" given 3-4 long day weeks, and a total crop time of 12-13 weeks during recommended period of value as defined in the timetable of Yoder Brothers, Inc., Barberton, Ohio, for the various seasons of the year.	
Spread.....	None, grown single stem to slight grown pinched	
Foliage:		
Top side.....	Medium green, 2.5GY4/4	Dark green, 10GY2/4.
Size.....	Length to width ratio 17:10 with length to 8 1/2" and width to 5"	
Quantity.....	Numerous	
Shape.....	Spatulate lobed	
Texture.....	Smooth	
Ribs and veins.....	Prominent	
Edge.....	Deeply indented	
Serration.....	Slight	
Under side.....	Greyed-green, 7.5GY5/4	
Stipules.....	Prominent	

2. Approximately 1/2" smaller flower size.
3. Approximately 2-4 days later flowering response.
4. A lighter foliage color.

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.

2

The new cultivar, when grown in the vicinity of Barberton, Ohio, has a response period of approximately 9 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, daylength, and light intensity.

Suggested flowering in the northern United States is from May through October; southeastern United States, April through November; southwestern United States, April through November; coastal California, March through November, and southern Florida under outdoor conditions, November through April.

In the accompanying photographic drawings, sheet one comprises a color photograph of the new cultivar, and sheet two comprises a black and white comparison photograph of the new cultivar, which appears on the left, and the comparison cultivar Escapade, which appears on the right. The slightly smaller flower size and later response will be noted in the comparison photograph.

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

We claim:

1. A new and distinct cultivar of chrysanthemum characterized particularly as to its uniqueness when compared to the parent cultivar Escapade by its ivory white flower color at finishing temperatures 60° F. or above; approximately 1/2" smaller flower size; approximately 2-4 days later flowering response; and by its lighter foliage color.

No reference cited.

ROBERT E. BAGWILL, Primary Examiner