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CHRYSANTHEMUM PLANT

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3,671

CHRYSANTHEMUM PLANT

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berton, Ohio

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1 Claim

The present invention comprises a new and distinct 10
cultivar of chrysanthemum plant known by the varietal
name Yellow Garland which is a sport of the cultivar
known in the United States as Garland. The parent cul-
tivar is disclosed and claimed in our pending application
Ser. No. 328,416, filed Jan. 31, 1973.

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

1. General growth habit, vigor and foliage character-
istics.
2. Flower size, form and permanence.
3. Flowering response and period of recommended
value.
4. Grown as a tall treatment daisy pot mum.

The new cultivar is distinguished from Garland by its 25
yellow flower color, as compared with the generally ivory
flower color of Garland.

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 Barber-
ton, Ohio, has a response period of approximately 9 weeks,
and the following detailed description is based on ob-
servations 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, southeastern United States, southwestern
United States and coastal California is January through
December, and in southern Florida under outdoor condi-
tions, October through April.

The accompanying photographic drawing shows the
unique characteristics of the new cultivar, with the color
being as nearly true as possible with color illustrations of
this type. In the following description, color references
are made to the Munsell Book of Color, 1963 edition
(MBC) and the Munsell Cascade Limit Chart, 1972 edi-
tion (MLCC), and color comparisons are made with the
parent cultivar Garland.

Botanical classification: *Chrysanthemum morifolium*,
Ramat.

Bloom:

- Size.—3".
- Fully expanded.—3½".
- Borne.—Clusters on elongated pedicels.
- Stems.—Short and strong.
- Form.—Daisy.
- Permanence.—12–14 days.

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	Yellow Garland	Garland
<i>Color:</i>		
Center of flower.....	Yellow-green, 2.5GY6/8 to yellow, 7.5Y8/12 (MBC).	
Base of petals.....	Light yellow-green, 2.5GY7/8 (MBC).	
Inside of petals.....	Medium yellow, 7.4Y8.7/9.6 (MLCC).	Light yellow, 10Y9/4 to ivory white, 10Y9/1 (MBC).
Reverse of petals---	Medium yellow, 7.5Y8.8/7.2.	Ivory, 10Y9/2 to ivory white, 10Y9/1 (MBC).
Tonality from a dis- tance.	Yellow.....	Ivory.
Discoloration.....	Medium yellow, 7.5Y8.8/7.2 (MLCC).	Ivory white, 10Y9/1 (MBC).

15 Petals:

Texture.—Smooth.

Appearance and form.—Open at base, shallow multi-
ridge keel, tapering to a blunt notched tip with re-
curved petal edges.

20 *Arrangement.*—Composite, whorled on a single
receptacle.

Persistence.—Resists shatter.

Fragrance.—Typical chrysanthemum.

Reproductive organs:

Stamen, anthers.—250+.

Pollen.—None.

Arrangement.—Clustered in center of flower, if
present.

Styles.—Present both ray and disc florets.

30 *Length.*—Short.

Ovaries.—At the base of petal attached to receptacle.

Plant:

Form.—Herbaceous.

Growth.—Spreading.

35 *Height.*—Approximately 12–15" when grown in a
4-cutting, 6" pot, given 9 week total treatment as
defined in the timetables of Yoder Brothers, Inc.,
Barberton, Ohio, for the various seasons.

40 *Spread.*—Approximately 16–20" when grown in a
4-cutting, 6" pot, given 9 week tall treatment as
defined in the timetables of Yoder Brothers, Inc.,
Barberton, Ohio, for the various seasons.

Foliage:

Top side.—Dark green, 7.5GY3/4 (MBC).

Size.—Length to width ratio 16:11 with length up to
4" and width up to 2¾".

Quantity.—Numerous.

Shape.—Spatulate lobed.

Texture.—Smooth.

50 *Ribs and veins.*—Prominent.

Edge.—Slightly indented.

Serration.—Fine.

Under side.—Medium green, 7.5GY5/4 (MBC).

Stipules.—Prominent.

We claim:

1. A new and distinct cultivar of chrysanthemum char-
acterized particularly as to its uniqueness when compared
to the parent cultivar Garland by its yellow flower color.

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No references cited.

ROBERT E. BAGWILL, Primary Examiner