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CHRYSANTHEMUM PLANT

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3,416

CHRYSANTHEMUM PLANT

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berton, Ohio

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1 Claim

The present invention comprises a new and distinct cul-
tivar of daisy form chrysanthemum plant which is a sport
of the unpatented cultivar known commercially in the
United States as Illini Spinwheel.

The new cultivar is similar in many respects to the
parent cultivar Illini Spinwheel, having the same charac-
teristics as Illini Spinwheel of:

- (1) Plant habit.
- (2) Flower size and unusual flower form.
- (3) Period of value.
- (4) Flowering response.

The new cultivar is distinguished from Illini Spinwheel
by the following unique characteristics when grown un-
der comparable conditions:

Botanical classification: *Chrysanthemum morifolium*

	Yellow Spinwheel	Illini Spinwheel
Bloom:		
Size	1 3/4"	
Fully expanded	2 1/4"	
Borne	Clusters on elongated pedicels.	
Stems	Strong	
Form	Spooned daisy	
Permanence	10-12 days	
Color (Munsell):		
Center of flower	Yellow green, 2.5GY6/10	Green, 5GY6/6.
Base of petals	Yellow green, 2.5GY7/10	Yellow green, 2.5GY8/10.
Inside of petals	Yellow, 7.5Y8.5/12 to light yellow, 10Y9/6	Ivory, 10Y9/2 to pink, 5R5/8;
Reverse of petals	Light yellow, 10Y9/6	Ivory, 10Y9/1.
Tonality from a distance	Yellow	White.
Discoloration	Light yellow, 10Y9/6	Pink, 5R5/8.
Petals:		
Texture	Smooth	
Appearance and form	Tubular, flaring to spoon at tip, tapering to a blunt multi-notched point.	
Arrangement	Composite, whorled on a single receptacle	
Persistence	Resist shatter	
Fragrance	Typical chrysanthemum	
Reproductive organs:		
Stamen, anthers	150-180	
Pollen	Abundant	
Arrangement	Clustered in center of flower, if present	
Styles	Present both ray and disc florets	
Length	Short	
Ovaries	At the base of petal attached to receptacle	
Plant:		
Form	Herbaceous	
Growth	Spreading	
Height	Approximately 11"-13" when timed with 9 week medium to tall treat- ment as defined in the timetables of Yoder Brothers, Inc., Barberton, Ohio, for the various seasons.	
Spread	Approximately 8" as a pinched plant when timed with 9 week medium to tall treatment as outlined in the Yoder timetables for the various seasons.	
Foliage:		
Top side	Dark green, 7.5GY3/4	
Size	6 1/2" long, 3 3/4" wide	
Quantity	Numerous	
Shape	Spatulate lobed	
Texture	Coarse	
Ribs and veins	Prominent	
Edge	Deeply indented	
Serration	Deeply serrated	
Under side	Light green, 7.5GY5/4	
Stipules	Rudimentary	

(1) Its light yellow flower color.

(2) A sharper, more uniform response particularly in
early spring (mid-March through April), and in very late
fall (mid-November through December).

(3) An earlier response ranging from one to three days.
It is approximately one day May through mid-November,
and up to three days earlier mid-March through April,
and mid-November through December.

The new cultivar was selected from a flowering block
of the parent cultivar in Barberton, Ohio, and when
asexually reproduced by cuttings by Yoder Brothers, Inc.,
at Barberton, Ohio, has been found to retain its distinctive
characteristics through successive propagations.

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Our new cultivar when grown in the vicinity of Barber-
ton, Ohio, has a response period of approximately 8-9
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, day length,
and light intensity. Suggested flowering in the northern
and western United States is from mid-March through De-
cember; coastal California, January through December;
and in Florida, November through December, and March
through May.

The accompanying photographic drawing shows the
unique characteristics of our new cultivar, the color being
as nearly true as possible with color illustrations of this
type. In the comparison photograph, the new cultivar ap-
pears on the left (when looking from the right side of the
drawing), and the parent cultivar Illini Spinwheel on the
right.

In the following description, color references are made
to the Munsell Color Book, 1963 Edition, and color com-
parisons are made with the cultivar Illini Spinwheel.

We claim:

1. A new and distinct cultivar of chrysanthemum char-
acterized particularly as to its uniqueness when compared
to the parent cultivar Illini Spinwheel by its light yellow
flower color, its sharper, more uniform response, particu-
larly in the early spring period of mid-March through
April and the very late fall period from mid-November
through December, and by its earlier response, ranging
from one day in May through mid-November and up to
three days earlier in the periods of mid-March through
April and mid-November through December.

No references cited.

ROBERT E. BAGWILL, Primary Examiner