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CHRYSANTHEMUM PLANT

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3,672
CHRYSANTHEMUM PLANT
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berton, Ohio
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U.S. Cl. Plt.—74 1 Claim

The present invention comprises a new and distinct
cultivar of chrysanthemum plant known by the varietal
name Pioneer, which is a seedling of #67100-005
× #21580-E01. Both parents are unpatented and iden-
tified for breeding purposes by the above breeding
numbers.

The new cultivar uniquely contributes to the floricul-
ture industry by its anemone flower form, yellow flower
color, and by its reliable and uniform nine week response
for tall treatment pot mum culture on a year around
basis. Its unique anemone form is rarely seen in com-
mercial pot chrysanthemums.

The new cultivar was selected from the progeny of the
designated cross, and when asexually reproduced by cut-
tings at Barberton, Ohio, has been found to retain its
distinctive characteristics through successive propagation.

The new cultivar, when grown in the vicinity of Bar-
berton, 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 vary-
ing environmental conditions such as temperature, day-
length, and light intensity. Suggested flowering in the
northern, southeastern, southwestern United States, and
coastal California is January through December, and in
southern Florida under outdoor conditions, October
through April.

The accompanying drawing shows the unique charac-
teristics of the new cultivar, the color being as nearly
true as possible with color illustrations of this type. Color
references are made to the Munsell Book of Color, 1963
edition.

Botanical classification: *Chrysanthemum morifolium*,
Ramat

Bloom: Pioneer
Size 2½"-2¾".
Fully expanded 3".
Borne In terminal clusters on elon-
gated branches.
Stems Wiry.
Form Anemone.
Permanence 18-21 days.
Color:
Center of flower -- Yellow-green, 2.5GY6/8 to
golden yellow, 3.75Y8/
12.
Base of petals --- Yellow-green, 2.5GY8/10.
Inside of petals -- Clear yellow, 7.5Y8.5/12 to
yellow, 7.5Y8.5/10.
Reverse of petals - Yellow, 7.5Y8.5/8 to light
yellow, 7.5Y9/6.
Tonality from a
distance ----- Clear yellow.
Discoloration ---- Yellow, 7.5Y8.5/10.

Petals:
Texture ----- Smooth.
Appearance and form - Open at base, broad shal-
low multiridge keel, ta-
pering to a sharp point.

Arrangement ----- Composite, whorled on a
single receptacle.
Persistence ----- Resists shatter.
Fragrance ----- Typical chrysanthemum.
Reproductive organs:
Stamen, anthers ----- 200+.
Pollen ----- Abundant to none.
Arrangement ----- Clustered in center of
flower, if present.
Styles ----- Present both ray and disc
florets.
Length ----- Short.
Ovaries ----- At the base of petal at-
tached to receptacle.
Plant:
Form ----- Herbaceous.
Growth ----- Semi-upright.
Height ----- Approximately 12"-15"
when grown in a 4-cut-
ting, 6" pot grown as
a spray pot given one
2500 p.p.m. application
of B-9 and timed as a
9 week tall treatment va-
riety as defined in the
timetables of Yoder
Brothers, Inc., Barber-
ton, Ohio, for the various
seasons.
Spread ----- Approximately 8"-12"
when grown in a 4-cut-
ting, 6" pot grown as a
spray pot given one 2500
p.p.m. application of B-9
and timed as a 9 week
tall treatment variety as
defined in the timetables
of Yoder Brothers, Inc.,
Barberton, Ohio, for the
various seasons.

Foliage:
Top side ----- Dark Green, 7.5GY3/4.
Size ----- Length to width ratio 3:2
with length to 3¾" and
width to 2½".
Quantity ----- Numerous.
Shape ----- Spatulate lobed.
Texture ----- Smooth.
Rib and veins ----- Prominent.
Edge ----- Moderately indented.
Serration ----- Fine.
Under side ----- Medium green, 7.5GY5/4.
Stipules ----- Prominent.

We claim:
1. A new and distinct cultivar of chrysanthemum
characterized by its anemone form, yellow flower color,
and by its reliable and uniform 9 week response for tall
treatment pot mum culture on a year around basis.

No references cited.

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