



US00PP11588P

United States Patent [19]
Boeder

[11] Patent Number: Plant 11,588
[45] Date of Patent: Oct. 24, 2000

[54] CHRYSANTHEMUM PLANT NAMED ‘MARI TIME’
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[21] Appl. No.: 09/160,118
[22] Filed: Sep. 24, 1998
[51] Int. Cl.⁷ A01H 5/00

[52] U.S. Cl. Plt./295
[58] Field of Search Plt./295

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[57] ABSTRACT

A new plant variety of chrysanthemum producing large, yellow daisy-type flowers having a yellow-green center.

1 Drawing Sheet

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BACKGROUND OF THE INVENTION

The present invention is directed to a new and distinct variety of chrysanthemum botanically classified as *Den-*
dranthea grandiflora. The varietal denomination of the
new chrysanthemum is ‘Mari Time’.
The female parent of the new variety is the variety known
as ‘Miramar’ (U.S. Plant Pat. No. 7,469) and the male parent
is an undistributed variety identified as P12-90. The new
variety has been asexually reproduced by vegetative cuttings
in Ventura County, Calif. and the distinguishing character-
istics are retained through successive generations of asexual
reproduction.

SUMMARY OF THE INVENTION

‘Mari Time’ produces large, yellow daisy-type flowers
with a green center on a plant suitable for pot plant produc-
tion.

COMPARISON WITH PARENT

‘Mari Time’ differs from the female plant in having many
more ray florets and an earlier blooming time. In side by side
comparisons of plants grown under the same conditions the
new variety blooms about five days earlier.

BRIEF DESCRIPTION OF ILLUSTRATION

The accompanying photograph shows typical specimens
of the plant and flowers of the new variety with colors being
as nearly true as possible with illustrations of this type.

DESCRIPTION OF THE PLANT

The following description of the new variety is of speci-
mens grown in a greenhouse in Ventura County, Calif. in the
month of April. ‘Mari Time’ has not been observed under all
possible environmental conditions. The phenotype may vary
with variations in the environment such as temperature, light
intensity, day length and cultural conditions. The color
designations herein are from The Royal Horticultural Soci-
ety Colour Chart except where general terms are used.

To produce a commercial product the plants may be
pinched once with center buds removed about ten days after
planting rooted cuttings. It has been observed that longevity
of individual blooms of ‘Mari Time’ is about 24 days and the
response time is about 8 weeks. One application of growth
retardant B9 at 2500 ppm is desirable. The following
description is of plants given this application of growth

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regardant. Useful growing conditions include night tempera-
tures of about 18°–20° C, day temperatures of about 20°–30°
C.

Plant:
Habit.—Upright herbaceous.
Height.—About 28 cm.
Number of breaks from pinch.—About 3 to 4.
Length of lateral branches.—About 23 cm.
Stem color.—Near 138A.
Foliage:
Leaf arrangement.—Alternate.
Number of leaves per lateral branch.—About 13.
Leaf size.—Length: About 8 cm. Width: About 4.8 cm.
Leaf shape.—Ovate.
Attachment.—Petioled.
Leaf apex.—Obtuse.
Base.—Tapered.
Margin.—Palmately lobed, serrate.
Aspect.—Slightly undulate.
Surface.—Top: Lightly pubescent. Bottom: pubescent.
Venation color.—Upperside: Near 138B. Underside:
Near 146C.
Petiole.—Length: About 1.8 cm. Color: Near 146C.
Color.—Mature leaf: Top: Near 137A. Bottom: Near
138A. Young leaf: Top: Near 137B. Bottom: Near
137C.
Bloom:
Inflorescence form.—Cyme, sub-erect.
Bloom type.—Daisy.
Number of blooms per branch.—About 5 to 6.
Diameter of fully expanded bloom.—About 10 cm.
Depth of fully expanded bloom.—About 3.3 cm.
Diameter of disc.—About 2 cm.
Sepal number.—About 30. Color: Near 137C. Length:
About 1 cm. Width: About 0.5 cm.
Peduncle.—Length: Terminal: About 5.1 cm. Lateral:
About 7.8 cm.
Habit.—Straight, strong.
Surface.—Highly pubescent.
Color.—Near 138B.
Flower Bud (when just showing color).—Color: Near
4A. Diameter: Near 1.2 cm. Height: About 0.8 cm.
Ray florets.—Number per flower: About 70. Texture:
Shiny. Shape: Oblanceolate. Apex: 3 obtuse irregular
lobes. Margin: Entire. Aspect: Slightly recurved.
Length: About 5 cm. Width: About 1.4 cm.
Disc florets.—Number per flower: About 210. Texture:
Shiny. Shape: Cylindric. Length: About 0.7 cm.
Width: About 0.2 cm.

Fragrance.—Moderate.
Flower color:
General flower description.—Bright yellow daisy with a yellow-green disc.
Ray florets, top side.—Immature: Near 7C. Mature: Near 9A. Fading: Near 9B.
Ray floret, under side.—Immature: Near 8A. Mature: Near 12B. Fading: Near 12B.
Disc florets.—Immature: Near 144B. Mature: Near 1B. Fading: Near 7A.
Changes as the flower ages.—Yellow-green center gradually turns yellow. Flower color fades just slightly. Outer ray florets become very undulate.

Reproductive organs:
Ray florets.—Pistillate. Stigma shape: 2 branched. Stigma color: Near 7A. Style length: About 0.5 cm. Style color: Near 1D.
Disc florets.—Stigma shape: Linear. Stigma color: Near 5A. Style length: About 0.35 cm. Style color: Near 154D. Stamen number: About 5. Anther length: About 0.3 cm. Pollen color: Near 15A. Pollen quantity: Moderate.
What is claimed is:
1. A new and distinct chrysanthemum plant of the variety substantially as herein shown and described.
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