



US00PP11605P

# United States Patent [19]

[11] Patent Number: Plant 11,605

Pieters

[45] Date of Patent: Oct. 31, 2000

[54] CHRYSANthemum PLANT NAMED 'GEDI RA8'

[58] Field of Search ..... Plt./298

[76] Inventor: Dirk Pieters, Schierveldestraat 3A, Oosnieuwkerke, 8840 Staden, Belgium

Primary Examiner—Howard J. Locker  
Attorney, Agent, or Firm—Christie, Parker & Hale, LLP

[21] Appl. No.: 09/168,915

[57] ABSTRACT

[22] Filed: Oct. 8, 1998

A new plant variety of chrysanthemum producing red daisy-type flowers.

[51] Int. Cl.<sup>7</sup> ..... A01H 5/00

1 Drawing Sheet

[52] U.S. Cl. .... Plt./298

## 1

## 2

### BACKGROUND OF THE INVENTION

The present invention is directed to a new and distinct variety of chrysanthemum botanically classified as *Den-*  
*dranthea morifolium*. The varietal denomination of the  
new chrysanthemum is 'GEDI RA8'.

The new variety was discovered as natural whole plant  
mutation in a controlled planting of the variety 'Alcala'  
(U.S. Plant Pat. No. 10,211) in Staden, Belgium. 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

'GEDI RA8' produces red, daisy-type non-brittle, herba-  
ceous flowers on a mounding perennial plant suitable for  
garden decoration.

### COMPARISON WITH PARENTS

'GEDI RA8' differs from its parent in having red ray  
florets whereas 'Alcala' ray florets are purple.

### BRIEF DESCRIPTION OF ILLUSTRATION

The accompanying photograph shows a typical specimen  
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 July. 'GEDI RA8' 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 about ten days after planting. It has been  
observed that longevity of individual blooms of 'GEDI  
RA8' is about 17 days and the response time is about 6.5  
weeks. No growth retardant is used on the plants described.  
Useful growing conditions include night temperatures of  
about 62°–65° F. and day temperatures of about 70°–75° F.  
The variety is naturally blooming mid to late September in  
California.

Plant:

*Habit.*—Non-brittle, mounding herbaceous perennial.  
*Height.*—About 16 cm.

*Number of breaks from pinch.*—About 7–8.  
*Length of lateral branches.*—About 14 cm.  
*Stem color.*—Near 138B.

Foliage:

*Leaf arrangement.*—Alternate.  
*Number of leaves per lateral branch.*—About 12 fully  
expanded leaves.  
*Leaf size.*—Length: About 4.2 cm. width: About 2.1  
cm.  
*Leaf shape.*—Ovate.  
*Attachment.*—Petioled.  
*Leaf apex.*—Acute.  
*Base.*—Tapered.  
*Margin.*—Palmately lobed.  
*Aspect.*—Slightly undulating.  
*Surface.*—Top: Lightly pubescent. Bottom: Lightly  
pubescent.  
*Venation color.*—Upperside: Near 137C. Underside:  
Near 144A.

Petiole:

*Length.*—About 1 cm.  
*Color.*—Near 137B.

Color:

*Mature leaf.*—Top: Near 137A. Bottom: Near 137C.  
*Young leaf.*—Top: Near 137B. Bottom: Near 138B.

Bloom:

*Inflorescence form.*—Cyme.  
*Bloom type.*—Daisy.  
*Number of blooms per branch.*—About 12.  
*Diameter of fully expanded bloom.*—About 4.5 cm.  
*Depth of fully expanded bloom.*—About 1.2 cm.  
*Diameter of disc.*—About 1.3 cm.  
*Sepal number.*—About 30. Color: Near 137B.  
*Peduncle.*—Length: Peduncle length is shortest at the  
terminal flower and progressively longer moving  
down the stem, the longest peduncle length is  
on average about 6.5 cm, the shortest peduncle length is  
on average 3.1 cm. Surface: Pubescent. Color: Near  
138A.  
*Flower Bud (when just showing color).*—Color: Near  
46B. Diameter: Near 0.7 cm. Height: About 1 cm.  
Shape: Oblong.

Ray florets:

*Number per inflorescence.*—About 30.  
*Texture.*—Matte.  
*Shape.*—Oblanceolate.  
*Apex.*—Obtuse.  
*Base.*—Tapered.  
*Margin.*—Entire.  
*Aspect.*—Slightly recurved.

*Length.*—About 2.1 cm.

*Width.*—About 0.4 cm.

Disc florets:

*Number per inflorescence.*—About 100.

*Texture.*—Glossy.

*Shape.*—Cylindric.

*Margin.*—Entire.

*Length.*—About 0.4 cm.

*Width.*—About 0.08 cm.

Fragrance: Moderate.

#### FLOWER COLOR

General inflorescence description: Red daisy with a yellow/orange disc.

Ray florets, top side:

*Immature.*—Near 45A.

*Mature.*—Near 45B.

*Fading.*—Near 44B.

Ray floret, under side:

*Immature.*—Near 45C.

*Mature.*—Near 45B.

*Fading.*—Near 44B.

Disc florets:

*Immature.*—Near 5B.

*Mature.*—Near 21B.

*Fading.*—Near 20A.

Changes as the flower ages: Daisy form becomes very open and abundant pollen is released. Flower color fades slightly, more orange/red tones apparent.

Reproductive organs:

*Ray florets.*—Pistillate. Stigma shape: 2 branched.

Stigma color: Near 2B. Style length: About 0.2 cm.

Style color: Near 1D.

*Disc florets.*—Stigma shape: Linear. Stigma color: Near

2B. Style Length: About 0.2 cm. Style color: Near

154D. Stamen number: About 5. Anther length:

About 0.2 cm. Pollen color: Near 15A. Pollen quan-

tity: Abundant.

What is claimed is:

1. A new and distinct chrysanthemum plant of the variety substantially as herein shown and described.

\* \* \* \* \*



