

[54] CHRYSANTHEMUM PLANT NAMED
CAPPA
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[57] ABSTRACT

A Chrysanthemum plant named Cappa having anemone
form, bright yellow ray florets and deeper yellow disc
florets, a floriferous habit, and eight (8) week response.

1 Drawing Sheet

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The present invention comprises a new and distinct
cultivar of *Chrysanthemum morifolium*, Ramat., herein-
after referred to by the cultivar name Cappa.

Cappa is a product of a planned breeding program
which had the objective of creating new Chrysanthem-
um cultivars with eight weeks flowering response, the
ability to produce all year round, and improving the
growth characteristics of the cultivar yellow Refour.

Cappa was originated by applicant from a hybridiza-
tion made in a controlled breeding program in Sprang-
Capelle, The Netherlands in 1980. The female parent
was Refour, a white anemone centered cultivar. The
male parent of Cappa was No. 70 unnamed seedling), a
deep yellow anemone centered variety. Cappa was
discovered and selected as one flowering plant within
the progeny of the stated parentage by applicant Pieter
L. van Loon on Oct. 29, 1981 in a controlled environ-
ment in Sprang-Capelle, The Netherlands.

The first act of asexual reproduction of Cappa was
accomplished when vegetative cuttings were taken
from the initial selection on Jan. 4, 1982 in a controlled
environment in Sprang-Capelle, The Netherlands by a
technician working under formulations established and
supervised by applicant. Horticultural examination of
selected units initiated July 10, 1982 has demonstrated
that the combination of characteristics as herein dis-
closed for Cappa are firmly fixed and are retained
through successive generations of asexual reproduction.

Cappa has not been observed under all possible envi-
ronmental conditions. The phenotype may vary signifi-
cantly with variations in environment such as tempera-
ture, light intensity, and day length. The following
observations, measurements and comparisons describe
plants grown in Sprang-Capelle, The Netherlands
under greenhouse conditions which approximate those
generally used in commercial practice.

Of the many commercial cultivars known to the pres-
ent inventor, the most similar in comparison to Cappa is
Yellow Refour. Reference is made to attached Chart A
which compares certain characteristics of Cappa to
those same characteristics of Yellow Refour. In com-
parison to Yellow Refour, Cappa has less tendency to
discolor its ray florets under high finishing tempera-
tures; produces more ray florets; has shorter peduncles,
and its leaves have a less intense green color. The capit-
ulum form and type of Cappa are similar to those same
characteristics of Yellow Refour.

The accompanying photographic drawing shows
typical inflorescence and foliage characteristics of

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Cappa, with colors being as nearly true as possible with
illustrations of this type.

In the following description, color references are
made to The Royal Horticultural Society Colour Chart.
The color values were determined between noon and
1:00 p.m. on July 10, 1982 under 30 foot candle light
intensity at Sprang-Capelle, The Netherlands.

Classification:

Botanical.—*Chrysanthemum morifolium*, Ramat.,
cv Cappa.
Commercial.—Cut spray, anemone-type.

INFLORESCENCE

- A. Capitulum:
Form.—Corymbiform.
Type.—Semi-double.
Diameter across face.—50 mm.
B. Corolla of ray florets:
Color (general tonality from a distance of three me-
ters).—Yellow.
Color (upper surface).—Yellow 5C, fading to ap-
proximately 2D.
Color (under surface).—Yellow 6D.
C. Corolla of disc florets:
Color (mature).—Yellow 12A.
Color (immature).—Yellow 9A.

PLANT

- A. General appearance:
Height.—Medium.
B. Foliage:
Color (upper surface).—Yellow green 147A.
Shape.—Base cordate, margins pinnately lobed,
with deep indentations, apex mucronate.

CHART A

COMPARISON OF CAPPA AND YELLOW REFOUR

CULTIVAR	RAY FLORET COLOR	CAPIT-ULUM FORM AND TYPE	POLLEN PRODUCTION
CAPPA	yellow RHS 6D	semi-double anemone- centered	none
YELLOW REFOUR	yellow RHS 8D	semi-double anemone- centered	sparse

DIAMETER

CHART A-continued

COMPARISON OF CAPPA AND YELLOW REFOUR			
CULTIVAR	ACROSS		FLOWERING
	FACE OF	PLANT	RESPONSE
	CAPITULUM	HEIGHT	PERIOD
CAPPA	50 to 60 mm	medium	8 weeks

CHART A-continued

COMPARISON OF CAPPA AND YELLOW REFOUR			
YELLOW REFOUR	45 to 55 mm	short to medium	8 weeks

I claim:
1. A new and distinct Chrysanthemum plant named
Cappa, as illustrated and described, and parts thereof.
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U.S. Patent

Dec. 27, 1988

Plant 6,490

