



US00PP17513P2

(12) **United States Plant Patent**  
**Mehring-Lemper**

(10) **Patent No.:** **US PP17,513 P2**  
(45) **Date of Patent:** **Mar. 20, 2007**

(54) **MONARDA PLANT NAMED ‘MONDID 0803’**

(51) **Int. Cl.**  
**A01H 5/00** (2006.01)

(50) Latin Name: *Monarda didyma* L.  
Varietal Denomination: **Mondid 0803**

(52) **U.S. Cl.** ..... **Plt./263**

(75) Inventor: **Manfred Mehring-Lemper**, Hann.  
Münden (DE)

(58) **Field of Classification Search** ..... Plt./263  
See application file for complete search history.

(73) Assignee: **Ernst Benary Samenzucht GmbH**,  
Münden

*Primary Examiner*—Kent Bell  
(74) *Attorney, Agent, or Firm*—The Webb Law Firm

(\*) Notice: Subject to any disclaimer, the term of this  
patent is extended or adjusted under 35  
U.S.C. 154(b) by 21 days.

(57) **ABSTRACT**

A new and distinct cultivar of *Monarda* plant named ‘Mon-  
did 0803’, characterized by its vibrant reddish-purple col-  
ored flowers and its powdery mildew resistance.

(21) Appl. No.: **11/251,145**

(22) Filed: **Oct. 14, 2005**

**3 Drawing Sheets**

**1**

Botanical classification: *Monarda didyma* L.  
Varietal denomination: ‘Mondid 0803’.

**BACKGROUND OF THE INVENTION**

The present invention comprises a new and distinct cul-  
tivar of *Monarda didyma* L. known by the varietal name  
‘Mondid 0803’. The new variety is a product of a planned  
breeding program conducted in Germany. The purpose of  
the breeding program was to develop new powdery mildew  
resistant cultivars. The new variety was selected as a single  
plant growing among seedlings from a cross between two  
unnamed and unpatented *Monarda didyma* L. plants. The  
new variety is similar to its parents in habit and flower type,  
but exhibits powdery mildew resistant. The mildew resis-  
tance trait distinguishes ‘Mondid 0803’ as a new and distinct  
cultivar from others known to the breeder. Asexual repro-  
duction of the new cultivar in Germany by side shoot  
cuttings has shown that the unique features of the new  
variety are stable and reproduced true to type in successive  
propagations by asexual reproduction.

**BRIEF DESCRIPTION OF THE DRAWINGS**

The accompanying colored photographic drawings illus-  
trate the new variety, with the colors being as nearly true as  
is possible to obtain in colored illustrations of this type:

FIG. 1 is a close-up of the blooms of the new variety;

FIG. 2 illustrates an entire plant of the new variety; and

FIG. 3 shows multiple entire plants of the new variety.

**DESCRIPTION OF THE PLANT**

The cultivar ‘Mondid 0803’ has not been observed under  
all possible environmental conditions. The phenotype may  
vary somewhat with variations in environment such as  
temperature, day length and light intensity.

However, there is no variance in genotype.

In the following description, color references are made to  
The Royal Horticultural Society Colour Chart, except where  
general terms of ordinary dictionary significance are used.  
Plants were grown outdoors in a field. The plant was 18

**2**

months old when described under natural outdoor light  
conditions on a sunny day.

**PLANT**

- 5 Form: Mounded.  
Height from soil to top of flowers: 16" (~40 cm.) under dry  
conditions.  
Plant diameter: 16" (~40 cm.).  
Vigor: Medium.  
10 Branching habit: Good basal and shoot branching.  
Lateral branches:  
    *Form.*—Upright.  
    *Color.*—Green Group 137B.  
    *Length.*—10"–15" (~25–38 cm.).  
15 *Diameter.*—Up to 7" (~18 cm.).  
    *Internode length.*—2" (~5 cm.).  
    *Strength.*—Strong.  
    *Quantity.*—Multiple.  
Foliage:  
20 *Arrangement.*—Alternate.  
    *Number of leaves per stem.*—Approximately six or  
    more leaf pairs.  
    *Size of leaf.*—Length: 3"–4" (~8–10 cm.). Width: 1"–2"  
    (~3–5 cm.).  
    *Shape of leaf (generally).*—Pointed, oviform.  
    *Shape of apex.*—Pointed.  
    *Margin type.*—Dentate.  
    *Fragrance.*—Light mint.  
    *Color.*—Young leaves: Upper surface: Green Group  
    137B. Lower surface: Green Group 137C. Mature  
    leaves: Upper surface: Yellow-Green Group 147A.  
    Lower surface: Green Group 137B.  
    *Petiole.*—Length: 0.6" (~1.5 cm.). Diameter: 0.01"  
    (~0.02 cm.). Color: 146D turning slightly purple at  
    base. Strength: Strong.  
    *Veins.*—Venation pattern: One central vein. Color:  
    Upper surface: The central vein is 146D turning  
    slightly purple. Lower surface: Pale green, 146D.

**FLOWER**

Natural flowering season at specified location(s): Germany,  
Hardiness Zones VII–VIII.

Flower type and habit: Typical labiate flower.  
 Number of flowers per plant: Numerous inflorescences.  
 Fragrance: Mint.  
 Longevity: Single flowers last a few days, inflorescences can last up to 2–3 weeks.  
 Verticillaster height: 2" (~5 cm.).  
 Verticillaster diameter: 3" (~8 cm.).  
 Flower height: length 1" (~3 cm.).  
 Flower diameter: 1"–2.4" (~3–6 cm.).  
 Bud:  
   *Stage of development when described.*—At the showing of first color.  
   *Shape.*—Round; tubular.  
   *Diameter.*—0.01" (~0.02 cm.).  
   *Length.*—0.01" (~0.03 cm.).  
 Corolla:  
   *Arrangement.*—Typically labiate.  
   *Length.*—Upper lip: 0.015" (~0.04 cm.). Lower lip: 0.04" (~0.10 cm.).  
   *Width.*—Upper lip: 0.006" (~0.015 cm.). Lower lip: 0.024" (~0.06 cm.).  
   *Shape.*—Upper lip: Tubular. Lower lip: Spoon-shaped, curled upwards.  
   *Apex.*—Upper lip: Round.  
   *Base.*—Upper lip: Tubular. Lower lip: Tubular.

*Color.*—When opening: Upper lip (upper and lower surfaces): Red-Purple Group 60A. Lower lip (upper and lower surfaces): Red-Purple Group 63A. Fully opened: Upper lip (upper and lower surfaces): Red-Purple Group 60A. Lower lip (upper and lower surfaces): Red-Purple Group 63A.  
 Calyx: Color (when opening): Red-Purple Group 59A. Color (fully opened): Red-Purple Group 59A.  
 Disease resistance: Resistant to powdery mildew.

## REPRODUCTIVE ORGANS

## Stamens:

*Number (per flower).*2.  
*Filament length.*—0.06" (~0.14 cm.).  
*Anthers.*—Shape: Linear. Length: 0.008"–0.01" (~0.02–0.03 cm.). Color: Reddish purple.  
*Pollen.*—Color: White.

## Pistils:

*Length.*—0.06" (~0.14 cm.).  
*Style color.*—Purple.  
*Stigma shape.*—Needle-like with two lobes.

## I claim:

1. A new and distinct variety of *Monarda* plant named 'Mondid 0803' as herein described and illustrated.

\* \* \* \* \*





Fig. 1





Fig. 2



Fig. 3

