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Laver

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[54] MINIATURE ROSE PLANT NAMED
‘LAVPUP’
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Grove, Pa.
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[57] ABSTRACT
A new and distinct variety of rose plant of the Minia-
ture Class is provided which abundantly forms in uni-
form flushes attractive long-lasting double Tyrian Pur-
ple blossoms wherein the coloration is extremely stable.
The plant is very compact and very bushy and the vege-
tation is vigorous. The blooms exhibit an excellent
shape (as illustrated). The plant is well adapted to
greenhouse forcing while grown in small containers,
and is particularly well suited for use as a flowering pot
plant when grown indoors or outdoors. Additionally,
the plant is not particularly affected by cryptogamic
diseases.

1 Drawing Sheet

1

SUMMARY OF THE INVENTION

The new variety of Miniature rose plant was created
by artificial pollination wherein two parents were
crossed which previously had been studied in the hope
that they would contribute the desired characteristics.
The female parent (i.e., the seed parent) was the product
of the pollination of the JUNE Laver Variety (non-pat-
ented in the United States) by the PAINTED DOLL
variety (non-patented in the United States). The male
parent (i.e., the pollen parent) of the new variety was
the SPRINGWOOD PURPLE variety (non-patented
in the United States). The parentage of the new variety
can be summarized as follows:

(JUNE LAVER×PAINTED
DOLL)×SPRINGWOOD PURPLE.

The seeds resulting from the above pollination were
sown and small plants were obtained which were physi-
cally and biologically different from each other. Selec-
tive study resulted in the identification of a single plant
of the new variety.

It was found that the new variety of Miniature rose
plant of the present invention possesses the following
combination of characteristics:

- (a) forms in abundance in uniform flushes attractive
double long-lasting blossoms having an excellent
shape which are of a stable Tyrian Purple coloration,
- (b) exhibits a very compact and very bushy growth
habit,
- (c) is well adapted to greenhouse forcing when grown
in small containers,
- (d) is particularly suited for growth as a flowering pot
plant when grown indoors and outdoors, and
- (e) is not particularly affected by cryptogamic diseases.

The new variety well meets the needs of the horticul-
tural industry. It is particularly well-suited for use as
attractive ornamentation as a flowering pot plant when
grown indoors or outdoors. The flowering is very uni-
form and the shape of the bloom is excellent.

The new variety has been found to undergo asexual
propagation at West Grove, Pa., U.S.A., by a number of
routes, including budding, grafting, cuttage, etc. The

2

characteristics of the new variety have been found to be
strictly transmissible by such asexual propagation from
one generation to another.

The new variety has been named the LAVPUP vari-
ety.

BRIEF DESCRIPTION OF THE PHOTOGRAPH

The accompanying photograph shows as nearly true
as it is reasonably possible to make the same, in a color
illustration of this character, typical specimens of the
plant parts of the new variety. The rose plants of the
new variety described herein were eighteen months of
age and were observed during September while grow-
ing on their own roots in the greenhouse at West
Grove, Pa., U.S.A.

At the left (top) is shown a specimen of a young
shoot. At the left (middle) is shown a specimen of a
main stem. At the top row (middle) are shown speci-
mens of three buds before the sepals open. To the right
of the three buds are shown specimens of a receptacle
showing the arrangement of the stamens and pistils and
of a receptacle showing the arrangement of the pistils
(stamens removed). At the second row (middle) are
shown specimens of two buds as the petals begin to
open. At the second row (right) are shown specimens of
two flowers during the early stage of opening. At the
third row are shown specimens of open flowers with
the obverse being illustrated at the right and the reverse
being illustrated at the middle. At the fourth row are
shown specimens of fully open flowers with the obverse
being illustrated at the middle and the reverse being
illustrated at the right. Across the bottom row are
shown in pairs specimens of leaves with three, five, and
seven leaflets with the upper surface being illustrated on
the left of each pair and the under surface being illus-
trated on the right of each pair.

DETAILED DESCRIPTION

The chart used in the identification of the colors is
that of The Royal Horticultural Society (R.H.S. Colour
Chart). The terminology which sometimes precedes
reference to the chart has been added to indicate the
corresponding colors in common terms. The descrip-

tion is based on eighteen month old specimens of the new variety which were observed during September while growing on their own roots in the greenhouse at West Grove, Pa., U.S.A.

Class: Miniature.

Plant:

Height.—Approximately 30 cm. on average when grown outdoors or in a one-gallon container on its own roots.

Habit.—Very compact and very bushy.

Branches:

Color.—Young stems: reddish green. Adult wood: Green Group 138A, and sometimes slightly stained with reddish coloration.

Thorns.—Size: large. Quantity: average. Color: reddish and yellowish at the tip.

Leaves:

Petioles.—Upper surface: striped, reddish green on young foliage and light green on mature foliate with glandular edges. Under surface: medium green with some reddish prickles.

Leaflets.—Number: 3, 5, and 7. Sometimes the lower leaflet pair is incomplete. Shape: spear-shaped. Serration: single and regular. Texture: consistent. General appearance: bright, dense, semi-matte foliage. Color (young foliage): upper surface: light green, Green Group 143C. under surface: light green, Yellow-Green Group 146D and stained with light reddish coloration. Color (adult foliage): upper surface: dark green, Green Group 137A. under surface: medium green, Green Group 138B.

Inflorescence:

Number of flowers.—Approximately 1 to 5 blooms per stem.

Peduncle.—Light green, fairly straight and rigid, bears many prickles, reddish in coloration on young stems and turning to light green on mature blooms, its length is approximately 1.5 cm. on average.

Sepals.—Upper surface: tomentose and greenish in coloration. Under surface: light green, bear numerous tiny reddish appendiculate glands, and sometimes end in a leaf-like appendix.

Buds.—Shape: rounded. Length: approximately 1 cm. on average. Size: small. Color upon opening: Upper surface: Ruby Red, Red-Purple Group 64A, and turning to Indian Lake, Red-Purple Group 58A, near the center of the petal. Under surface: Ruby Red, Red-Purple Group 61B.

Flower.—Form: cup-like, and double Diameter: approximately 3.5 to 4 cm. on average when

fully open. Color (when opening begins): Upper surface: Indian Lake, Red-Purple Group 58A, turning to Tyrian Purple, Red-Purple Group 57A, near the center of the petal. Under surface: Tyrian Purple, Red-Purple Group 57A. Color (when blooming): Upper surface: Tyrian Purple, Red-Purple Group 57A. Under surface: Tyrian Purple, Red-Purple Group 57A, and turning to Rose Bengal, Red-Purple Group 57C, near the base of the petal. Color (at end of blooming): Upper surface: Tyrian Purple, Red-Purple Group 57A, and light Rose Bengal, Red-Purple Group 57D, on the outer petals. At this stage the pistils and stamens are clearly visible. Under surface: Tyrian Purple, Red-Purple Group 57A, turning to Rose Red, Red-Purple Group 58B, near the center, and light Rose Bengal, Red-Purple Group 57D, on the outer petals. Fragrance: none. Lasting quality: very long on the plant. Petal number: approximately 18 to 20 on average. Petal shape: rounded. Petal texture: consistent. Petal drop: very good. Anthers: normal, yellow in coloration, and fairly wide. Stamen number: approximately 105 to 115 on average. Filaments: normal, yellow in coloration, and of irregular heights. Pistil number: approximately 25 to 30 on average. Stigmas: normal, and whitish. Styles: tomentose, whitish, twisted near the base, and irregular in height. Receptacle: light green, smooth, and funnel-shaped.

Development:

Vegetation.—Vigorous.

Blooming.—Very abundant in flushes.

Aptitude to bear fruits.—None.

Resistance to diseases.—Good.

I claim:

1. A new and distinct variety of Miniature rose plant characterized by the following combination of characteristics:

- (a) forms in abundance in uniform flushes attractive double long-lasting blossoms having an excellent shape which are of a stable Tyrian Purple coloration,
- (b) exhibits a very compact and very bushy growth habit,
- (c) is well adapted to greenhouse forcing when grown in small containers,
- (d) is particularly suited for growth as a flowering pot plant when grown indoors and outdoors, and
- (e) is not particularly affected by cryptogamic diseases; substantially as herein shown and described.

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