

[54] AFRICAN VIOLET PLANT NAMED LITTLE NAVAJO GIRL

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[57] ABSTRACT

A new and distinct cultivar of African violet named Little Navajo Girl characterized by its mid-size growth habit (13–15 cm in diameter); blue, single violet-shaped flowers; strong stems which curve toward the center to form a compact bouquet above the leaves; profuse flowering; medium green, girl-type leaves; flowering 10–11 weeks after planting of unrooted shoot, and by its long lasting and non-dropping flowers.

1 Drawing Sheet

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The present invention comprises a new and distinct cultivar of African violet plant, botanically known as *Saintpaulia ionantha*, and hereinafter referred to by the cultivar name Little Navajo Girl.

The new cultivar was referred to during the breeding and selection process by the designation Blue Girl and is a product of a planned breeding program. The new cultivar was originated from a cross made by me in the controlled breeding program in Haffen, Federal Republic of Germany. The female, or seed parent was a cultivar designated 46. The male, or pollen parent was a cultivar designated K 81/5.

Little Navajo Girl was discovered and selected by me as a flowering plant within the progeny of the stated cross in a controlled environment in Haffen, West Germany. Asexual reproduction of the new cultivar by leaf cuttings, as performed by me at Haffen, West Germany, has demonstrated that the combination of characteristics as herein disclosed for the new cultivar are firmly fixed and retained through successive generations of asexual reproduction.

Little Navajo Girl has not been observed under all possible environmental conditions. The phenotype may vary significantly with variations in environment such as temperature, light intensity and day length. The following observations, measurements and values describe the new cultivar as grown in a 5.5 cm pot in Haffen, West Germany and Nashville, Tenn., under greenhouse conditions which closely approximate those generally used in commercial practice.

The following traits have been repeatedly observed and are determined to be basic characteristics of Little Navajo Girl, which in combination distinguish this African violet as a new and distinct cultivar:

- (1) A single crown will not grow larger than 13–15 cm.
- (2) Single violet-shaped, blue flowers.
- (3) Strong wirelike and upright flower stems curving toward the center.
- (4) First flash of flowers form a tight bouquet above the leaves.
- (5) Profuse flowering.
- (6) Each plant carries 5–7 and more upright flower stems each of which carries 3–4 and more flowers.
- (7) Long lasting, non-dropping flowers.
- (8) Plant saleable 10 to 11 weeks after planting of unrooted shoot.

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(9) Seed capsules push slightly through.

(10) Medium green, girl-type leaves are 3–4 cm in size.

(11) After maturity the flowers dry off, and remain on the peduncle.

The accompanying color photographic drawing shows a typical specimen plant of the new cultivar grown in a 5.5 cm pot. The colors appearing in the photograph are as true as possible with color illustrations of this type.

In the following description, color references are made to the Royal Horticultural Society Colour Chart (R.H.S.), except where general colors of ordinary significance are referred to. Color values were taken under natural sunlight conditions at approximately 12 a.m. in Nashville, Tenn.

Botanical Classification: *Saintpaulia ionantha* Ramat., c.v. Little Navajo Girl.

Parentage:

Male parent.—K 81/5.

Female parent.—46.

Propagation: The new cultivar holds its distinguishing characteristics through successive propagations by leaf cuttings.

Plant: From 6 cm to 8 cm tall when grown in pots, and approximately 12–13 cm in diameter when fully grown.

Leaves:

General form. 13 Girl-type.

Diameter.—35–40 mm wide and 35–40 mm long.

Texture.—Leatherlike.

Aspect.—Hairy, slightly shiny, slightly serrated.

Veins.—Upperside: visible; underside: well pronounced, light green to pinkish green, shiny.

Color (upperside).—Yellow-Green Group 147 A.

Color (underside).—Greyed-Green Group 194 D with touches of Greyed-Purple Group 186 C to B.

Petiole.—Strong, green with purplish red touch, hairy.

Flowers:

Buds.—Size: 6–8 mm just before opening. Shape: Bell-shaped. Color: Purplish blue.

Sepals.—Five (5). Color: Green.

Calyx.—Shape: Funnel-shaped. Aspect: Spear-shaped, hairy.

Peduncle.—Character: Strong upright, hairy.
Color: Green with purplish brown touch.

Individual flowers:

Size.—30–34 mm.

Shape.—Single violet-shaped (3 large, 2 small petals).

Color (upperside).—Violet-Blue Group 93 B to A.
Under cooler temperatures and more intensive lighting, the blue tends to intensify.

Color (underside).—Violet Group 88 B to C.

Borne.—Each flower stem carries 3–5 and more flowers on strong, upright peduncles that are free standing above the leaves, thereby forming a compact bouquet.

Flowering habit.—Flowers 10–11 weeks after planting an unrooted plantlet.

Reproductive organs:

Stamens.—Two (2). Anthers: 2 composed of 4 anther cells, seed capsule pushes slightly through.

Filaments.—Yellowish green, 3–4 mm long.

Styles.—5–6 mm long, purplish blue, base of ovary light green and hairy.

Roots: Normally developed, white when young, turning slightly brownish when older.

Disease Resistance: Up to date, Little Navajo Girl has shown very good resistance to all major violet diseases.

General Observations: Little Navajo Girl is a mid-size violet, a size between a regular violet (grown in a 10 cm pot) and a superminiature (grown in a 4 cm pot). Little Navajo Girl is designed to be grown in a 5.5 to 6 cm pot and will not grow larger than 13–15 cm. The single, violet-shaped flowers are blue contrasting nicely with the bright yellow anthers. The flowers are long-lasting and non-dropping. A nice bouquet of flowers free standing above the medium green, girl-type leaves develops approximately 10–11 weeks after planting an unrooted plantlet. Each of the 5–7 and more strong flower stems carries 3–4 and more flowers.

I claim:

1. A new and distinct cultivar of African violet named Little Navajo Girl, as described and illustrated, and particularly characterized by its mid-size growth habit (13–15 cm in diameter); blue, single violet-shaped flowers; strong stems which curve toward the center to form a compact bouquet above the leaves; profuse flowering; medium green, girl-type leaves; flowering 10–11 weeks after planting of unrooted shoot, and by its long lasting and non-dropping flowers.

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