Benary
beautyinside

Pentas lanceolata F_1

Graffiti®

Graffiti® – Better Than Ever!

GRAFFITI

Fuchsia, True Pink & White

Red Velvet & Pink

Pentas lanceolata F_1

Graffiti®

New Series

White
S9901P
(former 20/20)

Appleblossom
S9711P
(former 20/20)

True Pink
S9831P
(former 20/20)

Rose
S9880P
(former OG)

Bright Red
S9840P
(former OG)

Red Velvet
S9810P
(former OG)

Better than Ever –
The Unbeatable Series on the Market!

- Profit from the widest range of colors in a Pentas series: 15 intense colors & 2 mixes to choose from!
- Outstanding heat tolerance and garden performance
- Uniform series in height and flower timing
- First bicolor tones in seed Pentas
- Perfect branching for more flowers
- Dense flowers ensure maximum color at retail

We selected the Best for You: Graffiti® OG and Graffiti® 20/20 become Graffiti®.


Red Velvet & Pink

Flirty Pink
S9731P
(former 20/20)

Pink
S9830P
(former OG)

Ruby
S9821P
(former 20/20)

Fuchsia
S9881P
(former 20/20)

Lipstick
S9820P
(former OG)

Cranberry
S9815P
(former 20/20)

Lavender Pink
S9951P
(former 20/20)

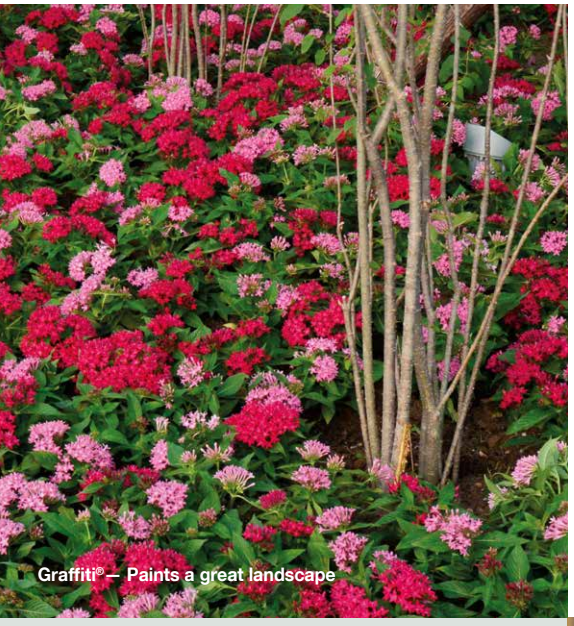
Violet
S9890P
(former OG)

Ultra Violet
S9891P
(former 20/20)

Selected Mix (Incl. White, True Pink, Rose, Red Velvet & Ultra Violet)
S9932P

Maxi Mix
S9931P

GRAFFITI



Graffiti® — Paints a great landscape

Mix

Benary's new Graffiti® Series — The Most Uniform and Compact Series on the Market!

Appleblossom

Violet


Flirty Pink


Bright Red


Red Velvet


Appleblossom

Technical Information

Product Use: Pots, mixed containers and landscape plantings

Minimum Germination Rate: 90%

FLOWERING

Flowering Type: Day neutral plant, will flower regardless of day length. Very responsive to irradiance and additional lighting. Providing a 14-16 hrs. day length, especially in the seedling stages, will shorten the crop significantly. In addition, growing at warmer temperatures will shorten the crop time.

PLUG CULTURE

Germination: Maintain optimal conditions for seedling development beginning on the day of sowing until radical emergence. Expect radical emergence in 7-10 days.

Cover: No cover is necessary.

Sowing method: 1 pellet per plug

Media: pH 6.2-6.5 EC < 0.5.

Temperature: 73-78 °F (23-26 °C). Once germination is completed with fully expanded cotyledons, on day 14 the temperature can be lowered slightly to 72 °F (22 °C). Water trays using tempered water with a minimum temperature of 64 °F (18 °C). Media temperatures below 61 °F (16 °C) will inhibit thegermination and growth.

Moisture: Begin with a saturated (5) for the first 10 days. On day 11 begin to lower the moisture slightly going to a medium (4). Maintain a consistent moisture level without over saturating the media. Wide fluctuations in the media moisture levels can decrease seedling development and losses can occur.

Humidity: 95-100% until day 10; then reduce to 40-60%. Provide proper ventilation and horizontal airflow to improve oxygen levels in the media.

Light: Light is not crucial for germination but providing supplemental lighting will increase the quality of the seedlings and uniformity of germination. If using a chamber provide a light source of 10-25 ft. candles (100-250 lx). When moved into stage two the light levels can be increased to 6-8 mol/m^2/day (2,000-2,500 ft. candles or 20,000-25,000 lx). On approximately day 21 the light levels can be increased to 10-12 mol/m^2/day (3,000-3,500 ft. candles or 30,000-35,000 lx).

Fertilizer: Maintain an EC < 0.75. At this stage fertilized water should not exceed an EC of 0.5 Begin feeding on day 10 with 50 ppm
14-2-14, 14-4-14 or 17-5-17. Keep phosphorous levels < 8 ppm, iron levels at 2-3 ppm.

GROWING ON

Transplant Ready: 6-7 weeks from sowing using a “288” plug tray. Add one week if less than optimal temperatures are experienced.

Media: pH 6.2-6.5 continue to monitor the pH to make sure that it stays above 6.0. EC 1.0-1.2 Keep the EC level < 1.5.

Light: Provide high light levels of 12-16 mol/m^2/day (3,500-4,500 ft. candles or 35,000-45,000 lx). Long day treatment of 14-16 hrs. will shorten the total crop time significantly.

Temperature: 68-70 °F (20-21 °C) nights, 72-73 °F (22-23 °C) days for the first 14 days or until the roots reach the bottom of the container. Thereafter temperatures may be lowered to 61-64 °F (16-18 °C) nights and 68-73 °F (20-23 °C) days. Higher temperatures are beneficial and will shorten the crop time.

Humidity: 40-60% humidity is ideal. Providing good ventilation and horizontal airflow will help lower the humidity and dry back the media, providing oxygen to the roots.

Fertilizer: Under low light conditions fertilize with a 14-4-14 fertilizer at 100-150 ppm and under high light conditions use a 17-5-17 fertilizer at 100-150 ppm. Watch for calcium and magnesium deficiencies which can cause stunte plants.

Fungicide: Apply fungicides during long periods of low light and high humidity.

Common Diseases: Botrytis, Rhizoctonia and Pythium. Keep plants from becoming too wet for any period of time. Preventative fungicide drenches can be applied at the labeled rates.

Pests: Primarily Aphids, Thrips and Whitefly.

Post Harvest: Fertilize with Potassium nitrate at 150 ppm 1-2 weeks prior to shipping.

Plug Crop Time	
288 tray	6-7 wks
Finished Crop Time (from 288 tray)	
5“ / 12 cm pots	7-8 wks
6“ / 15 cm pots	8-9 wks

13-16 wks	10-14” / 25-35 cm	10-12” / 25-30 cm	Sun	Pelleted

Ernst Benary Samenzucht GmbH
Friedrich-Benary-Weg 1
34346 Hann. Münden, Germany
Phone: +49 5541 7009-0
Fax: +49 5541 7009-20
E-Mail: info@benary.com

benary.com

Benary beautyinside