

# gpn

GREENHOUSE PRODUCT NEWS

## Poinsettia Standouts

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# Plectranthus Velvet Collection

A distant relative of the mint family, plectranthus hail mostly from South Africa, where they grow into mighty shrubs. Almost unknown 20 years ago, plectranthus have become an important placeholder in shelf space at the retail level in the last several years. Terra Nova's plectranthus Velvet collection has greatly improved both the habit and flower size of the species types they originated from. Five distinct varieties are available and offer a much-extended bloom time, in addition to the improved floral and growth habit aspects of the breeding. Two of the varieties, Idol and Starlet, offer excellent "no pinch, no PGR" performance.

## CULTIVAR DESCRIPTIONS

Plectranthus 'Velvet Elvis' was Terra Nova's first plectranthus improvement, and it gave the industry the large flowers that earlier breeding lacked. With superbly dark and glossy foliage, it was a star performer and quickly gained popularity showing its blue-purple flowers over a very long time.

'Velvet Diva' is an exceptionally heavy-flowering variety with large racemes of lilac-violet that cover the entire plant. Its glossy, mallard-green foliage is the perfect foil for the flowers, making them pop in a flamboyant display.

The likes of plectranthus 'Velvet Idol' have never been seen previously. Very large, bright, icy blue flowers on short, dense spikes flood this plant with cool color. 'Velvet Idol' has a tight, compact habit that requires no pinching or PGRs.

'Velvet Starlet' has the strongest carmine-pink flowers available in this genus. Its naturally compact habit and stunning floral display make this new cultivar "eye candy" for certain. Starlet grows perfectly for either 4- or 6-inch pots.

Plectranthus 'Velvet Lady' is a delightful combination of bright, rose-pink flowers in large racemes and healthy

pine-green, semi-glossy leaves. This showstopper blooms for a very long time and is easy to grow. It is also quite vigorous, lending itself to larger container combos.

## CULTURE NOTES

Always start with certified virus-free stock from a trusted source.

Plectranthus are short-day flowering plants. It is important to keep them vegetative while rooting and growing on. Twelve hours or less of daylight will trigger flowering and stop vegetative growth.

Plectranthus root easily from cuttings, using a 0.1% IBA compound and bottom heat. Soil temperature should be 70 to 75° F until roots show at the edge of the liner cell, which usually occurs at 14 to 21 days. Relatively high humidity is important, but foliage should not be under constant mist. A tented bench works well.

Soilless media should have a good aggregate. Good drainage is very important to plectranthus, as wet growing media can set up conditions conducive to Botrytis, Pythium and Rhizoctonia. Maintaining a constant feed of 150 to 225 ppm of nitrogen is recommended. High levels of nitrogen can cause stretching and result in open, poorly shaped plants. A balanced, slow-release fertilizer can be mixed into the soilless media as a supplement. It is recommended to maintain a pH of 5.5 to 6.5 with an EC of 0.75 to 1.0.

Ambient air temperature should be maintained at 75 to 80° F during the day and 60 to 65° F at night.

For best results, give plectranthus 'Velvet Elvis', 'Velvet Diva' and 'Velvet Lady' one pinch after transplanting to promote branching. Branching occurs soon after pinching or transplanting. Plectranthus 'Velvet Idol' and 'Velvet Starlet' branch well without pinching or using a PGR.



*A vast improvement in breeding, Velvet plectranthus offers large flowers, bright color and superior strength.*



'Velvet Lady'

'Velvet Diva'

'Velvet Idol'

'Velvet Elvis'

late-summer color in the landscape. These three varieties make fantastic patio container subjects and will continue to bloom until a hard freeze outdoors. Under shelter, the Velvet plecranthus has been shown to survive sub-freezing temperatures for a short period of time. [gpn](#)

*Chuck Pavlich is director of new product development for Terra Nova Nurseries and is an international garden designer and lecturer. For more information about the Plecranthus Velvet collection, visit [www.terravanurseries.com](http://www.terravanurseries.com).*

## CROP PLANNING

- Plant one rooted cutting in a 4- to 5-inch pot.
- Plant two rooted cuttings per 6-inch pot.
- Plant three to five rooted cuttings per 10-inch pot.

## FINISH TIMES

These varieties will finish a 4- to 5-inch pot in six to nine weeks; a 6-inch pot in seven to 10 weeks; and a 10-inch pot in eight to 11 weeks.

All the plecranthus Velvet collection plants respond quite evenly to forcing. Light deprivation for 13 hours a day (11-hour short day) will give a response in four to five weeks. Once floral initiation has started, resume a less than 12-hour day at 4,500 to 7,000 foot-candles to finish.

## INSECTS AND DISEASES

Velvet plecranthus are remarkably carefree, rarely bothered by foliage and root diseases. Pythium symptoms are usually caused by overwatering and too cool night temperatures.

Thrips and aphids are rarely problems for plecranthus. Watch for white fly and control them as soon as possible to avoid marring the foliage prior to sale.

## RECOMMENDED USES

Plecranthus 'Velvet Idol' and 'Velvet Starlet' are best used for a 4- to 5-inch program. They will lend themselves to a number of programs, from chain store premium annuals to grocery store grab-and-go color. These two varieties have high-color impact and are novel in both size and flower power.

'Velvet Elvis', 'Velvet Lady' and 'Velvet Diva' are each well suited to 5- to 10-inch programs for bold,



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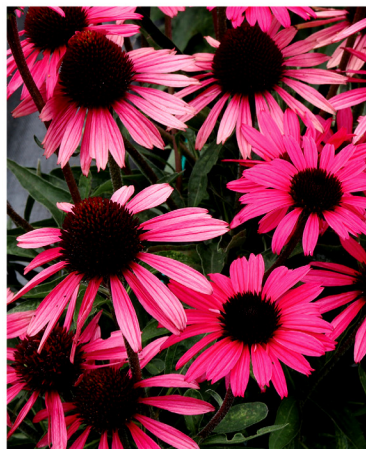


## begonia

The new I'Conia Bacio series is a miniature version of the top-selling Portofinos. Like Portofino, this series has decadent foliage color and is tolerant of full sun or full shade in most climates. They have brightly colored flowers that will really pop against the dark leaves. The flowers are smaller but more plentiful than most begonias, giving a full flush of color all summer long.

**Dümmen Orange**

[www.dummenorange.com](http://www.dummenorange.com)



## echinacea

'Dark Shadows Wicked' presents intense watermelon-pink flowers on a neat, upright, compact habit. The heavy crown count supports large bloom count on dark, contrasting stems. This variety is hardy to Zones 4 through 9 and works great in containers in full sun.

**Terra Nova Nurseries**

[www.terravanurseries.com](http://www.terravanurseries.com)



## bidens

The newest addition to the Timeless Collection, bidens 'Blazing Volcano' is a naturally compact selection that requires little to no PGR application. It features an abundance of extra-large orange-yellow flowers and continues to flower into summer. This bidens is perfect for smaller containers.

**Danziger**

[www.danziger.co.il](http://www.danziger.co.il)



## celosia

'Arrabona Red' is a striking orange-red variety with outstanding garden performance and an exceptionally long flowering season. It is drought tolerance, compact and sturdy, making it a low-maintenance plant for landscaping use. It is suitable for 4- to 5-inch pot sizes, and can be used to provide a splash of color in mixed containers for the patio.

**Hem Genetics**

[www.hemgenetics.com](http://www.hemgenetics.com)



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