

# Culture Research

## Serenita & Serena Angelonia PGR Response in Florida



Serenita Raspberry Angelonia is more compact and requires less plant growth regulator for height control than Serena Angelonia White.

# PanAmerican Seed Culture Research

## Serena Angelonia White

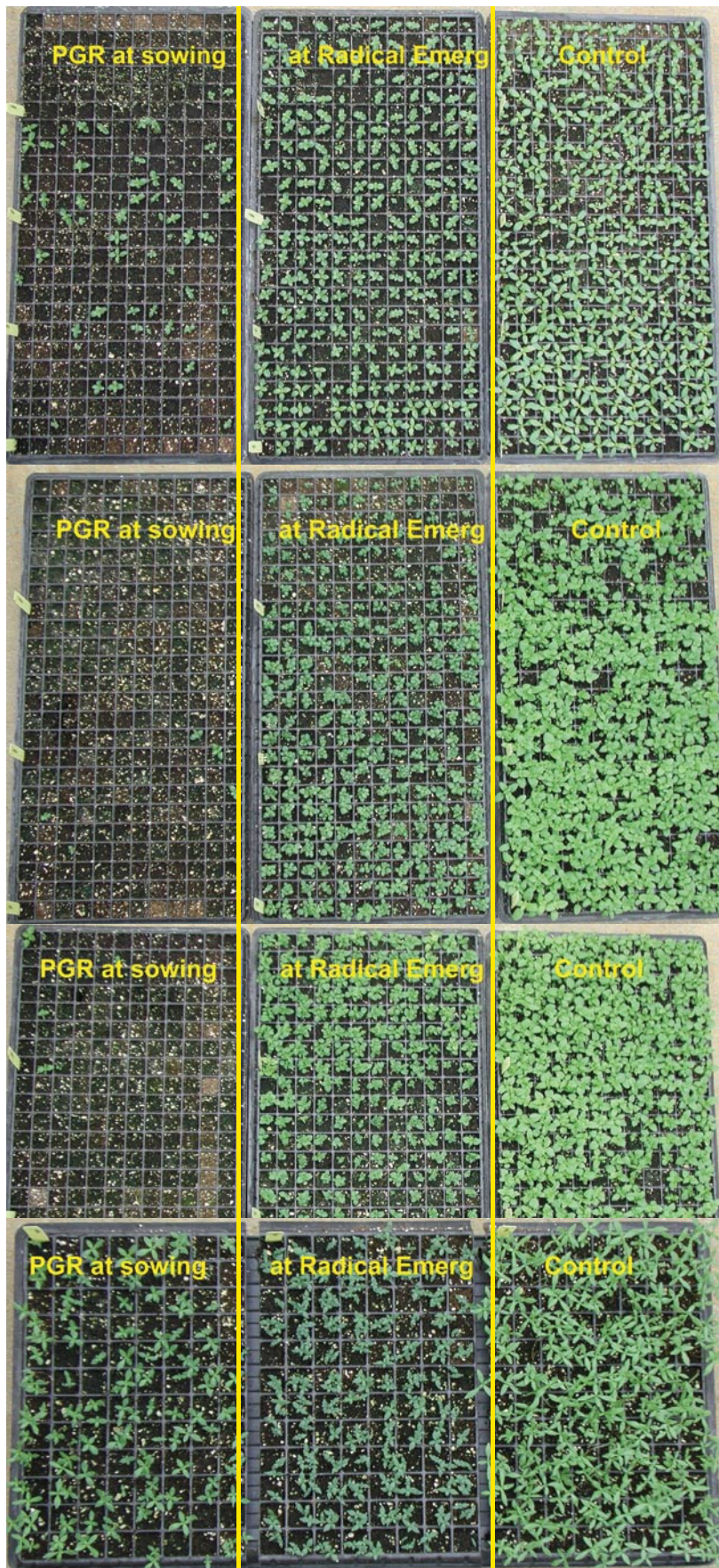
Pinched

No-Pinch



Do not pinch Serena® Angelonia! Pinching will only delay flowering, increase labor and bench costs, and make the plant habit unattractive (left plant).

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1

## EARLY PGR ALERT

PGR application before or right after sowing could significantly reduce germination rates (far left column) for some varieties such as **Angelonia (1)**, **Diascia (2)**, **Nemesia (3)** and **Linaria (4)**.

2

3

Applying PGR at radical emergence stage (middle column) is recommended for controlling early plug stretch, without severe affects to germination rates.

4

Right column (Control) had no PGR applications.

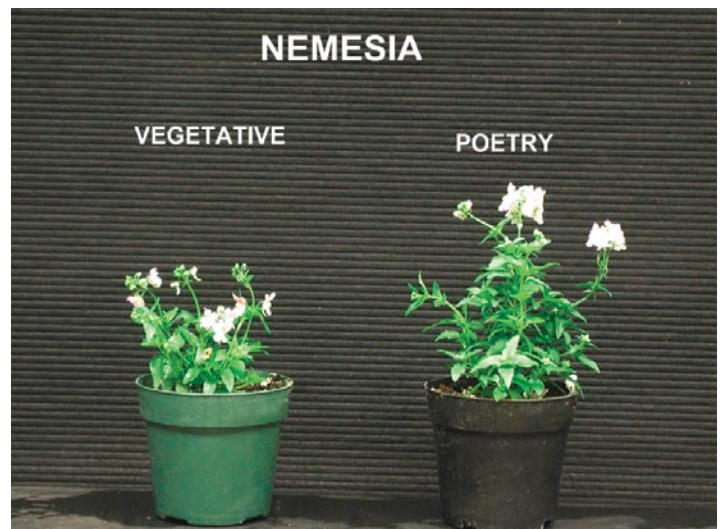
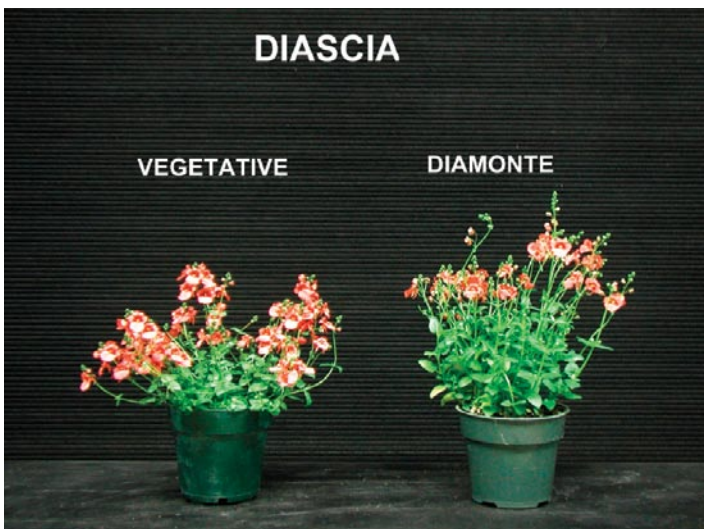
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A tank mix of B-Nine and Cycocel is the most effective growth regulator for Serena® Angelonia height control. Cycocel rate can be adjusted from 750 to 1,500 ppm, depending on environmental conditions. Use lower rates under cooler and shorter days, and higher rates under warm and longer day conditions. Growth regulator can be started two weeks after transplant. Repeat as needed.

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## CUTTING vs. SEED



Seed-propagated plants (right plant in each picture) show excellent natural basal-branching. Vegetatively propagated plants need to be pinched for branching. In the photos above, all vegetatively propagated plants received 1 pinch after transplant. The seed varieties, pictured on the right, were not pinched.