

Scaevola

**Blessing and Touch series
with\without Peat growing
comparison and performance**

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Product Management's - Home Grower

Spring Blooming's – May 25

Introduction:

- In response to the growing trend for **peat-free substrates**, especially in Europe, as part of the pursuit of a cleaner and more sustainable future, we conducted a trial using Danziger's Scaevola as the test crop.
- The trial included varieties from both the Blessing and Touch series, with 4 GTY (Growers Trial Year) varieties among them.
- A total of 12 varieties were tested, with 8 plants per variety per treatment group (96 plants per group).
- The two soil types tested were RAM 132 and a coconut-based mix, both supplied by Tuff Marom Golan.
- Soil composition:

Coconut based	Ram 132
100% coconut	50% Peat, 30% coconut, 10% styrofoam, 10% other.

Growing process for both soils:

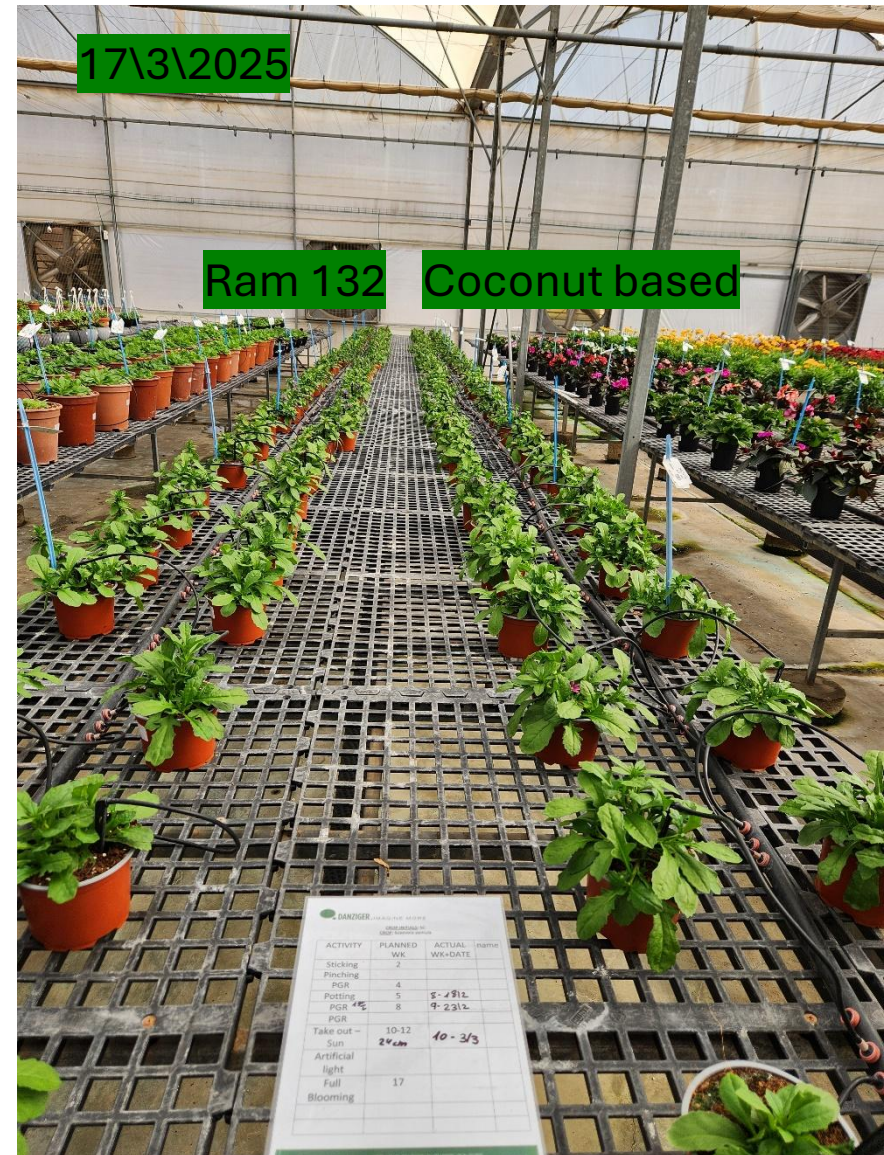
Week number	Action
3	Sticking
7	Planting
9	PGR spray – 1gr\L ALAR
12	PGR spray – 1gr\L ALAR
17	Ready To Sell

**** Same irrigation Method and doses – no additional irrigation needed.**



Results:

- In general, no significant differences were observed between the two groups.
- Both received identical treatments in terms of PGR, irrigation, growing time, and environmental conditions (planted simultaneously).
- The only noticeable difference was plant size: The peat-free (coconut-based) group produced slightly larger plants across all tested varieties –with the effect being most prominent in the Blessing series.
- Additionally, plants grown in the peat-free soil appeared slightly healthier, with denser foliage compared to those grown in the peat-based substrate.



Touch White:

Ram 132 group:



Coconut-based soil group:



Touch Indigo:

Ram 132 group:



Coconut-based soil group:



Touch Deep Pink:

Ram 132 group:



Coconut-based soil group:



Touch Blue:

Ram 132 group:



Coconut-based soil group:



Touch (GTJ) SC-22-1929:

Ram 132 group:



Coconut-based soil group:



Blessing (GTJ) SC-22-1919:

Ram 132 group:



Coconut-based soil group:



Blessing (GTU) SC-22-1917:

Ram 132 group:



Coconut-based soil group:



SC-21-1801 (GTU):

Ram 132 group:



Coconut-based soil group:

Blessing Pink:

Ram 132 group:



Coconut-based soil group:



Blessing Lavender:

Ram 132 group:



Coconut-based soil group:



Blessing Bic. Rose:

Ram 132 group:



Coconut-based soil group:



Blessing Bic. Lavender:

Ram 132 group:



Coconut-based soil group:



Discussion and Conclusions:

- We anticipated that the coconut-based soil will drain water faster during cultivation, but there were no irrigation adjustments at all.
- The plants in the coconut-based soil group were slightly bigger than the Ram 132 group. The possible reasons for that are:
 - Improved aeration and drainage – coconut fiber allows better oxygen availability to the roots
 - More stable water-air ratio – consistent moisture levels support steady growth
 - Lower salt content and stable PH – easier nutrient uptake in coconut-based soil.
 - Higher nutrient availability – no peat to bind or block fertilizers
 - Better root development – looser structure enables stronger root systems.
- In general, it is possible to grow scaevola with even better performance and more ecological solution
- *** The data in the presentation is based on a single observation in Israel and cannot be relied upon. The information is shared for internal use only, may not be disclosed to other parties and Danziger shall have not liability or responsibility with respect to the said information or its implication.



THANK YOU!

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