

Mimulus – Mai-Tai growing methods with\without pinch

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Introduction:

- As a part of the product management department is to keep an eye open and sharpen the varieties features and growing instructions.
 - This year on our annual spring blooming exhibition we had the Mimulus – Mai-Tai Red along with the new Mai-Tai orange imp.
 - We have shown our Mimulus with and without pinch.
 - The current know-how is that the Mimulus Mai-Tai without pinch has a tall pyramid-like shape and abundance of flowers along the main stem. With pinching - the plant can make a better branching, shorter stems with more “mounded” habit but delay the first flower time significantly.
- This is what we wanted to test and demonstrate it.



Mimulus – Mai-Tai

growing process

Activity	Week of execution
Sticking	4
Planting	9
Pinch\no pinch	10
PGR – Alar (B-nine) 1gr\L	11
PGR – Alar (B-nine) 1gr\L	13
PGR – Alar (B-nine) 1gr\L	14
First Flower no pinch	15
First Flower pinch	17
Full Blooming	19

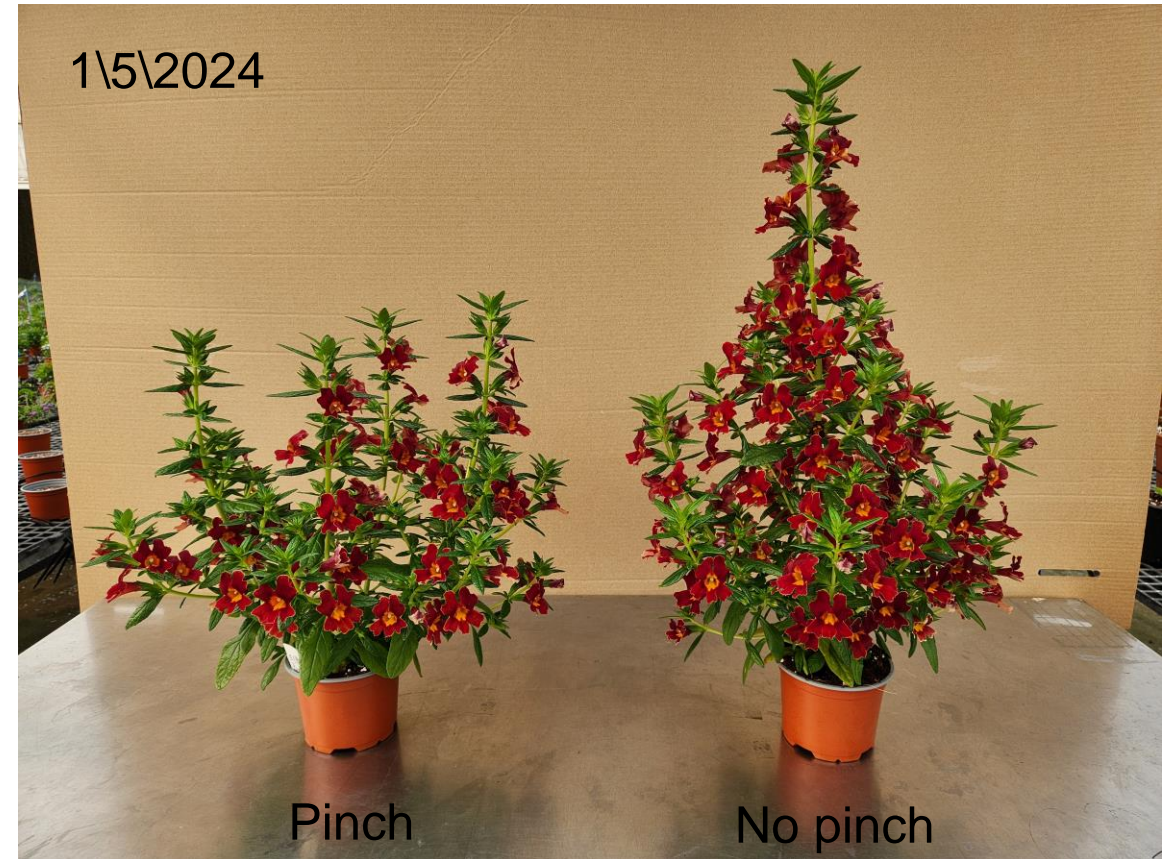


Mimulus – Mai-Tai Red



Pinch

No pinch



Mimulus – Mai-Tai Orange imp.



Summary and Conclusions:

- Mimulus Mai-Tai series have many potential uses.
- There are two weeks difference between the blooming time's of the pinch and the unpinched plants
- The Mai-Tai Red is faster bloomer then the orange imp. in 1 week under Israel conditions and has more flowers.
- Also the Mai-Tai Red in the treatments without pinch could hold better the main stem in full blooming compare to the Mai-Tai Orange Imp that was a bit less resistant.

Growing Instructions:

- Rooting – T-4 hormone (0.4% IBA), mist with dry interval as possible, 7 sec of fresh water mist every 30 minutes at day time and during the night 10 sec mist every 90 minutes.
- when small roots are developed the grower can dip the plugs in water with fertilizer for better development of the young plant.
- Don't Shower Mimulus with fertilizer, it can burn the leaves.
- Irrigation – with Mimulus in general I prefer low irrigation method as possible, it helps with pests control and lowers PGR use.
- EC - 1.4-2.0 total (we have source water of EC 0.2-0.7).
- Pinch: 4-6 leaves.
- First PGR week after planting, Mimulus has good reaction to 1gr/L Alar spray.

****This is the methods I used in Israel's winter conditions, and it should be different at hot season times**

Imagine more





THANK YOU!

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