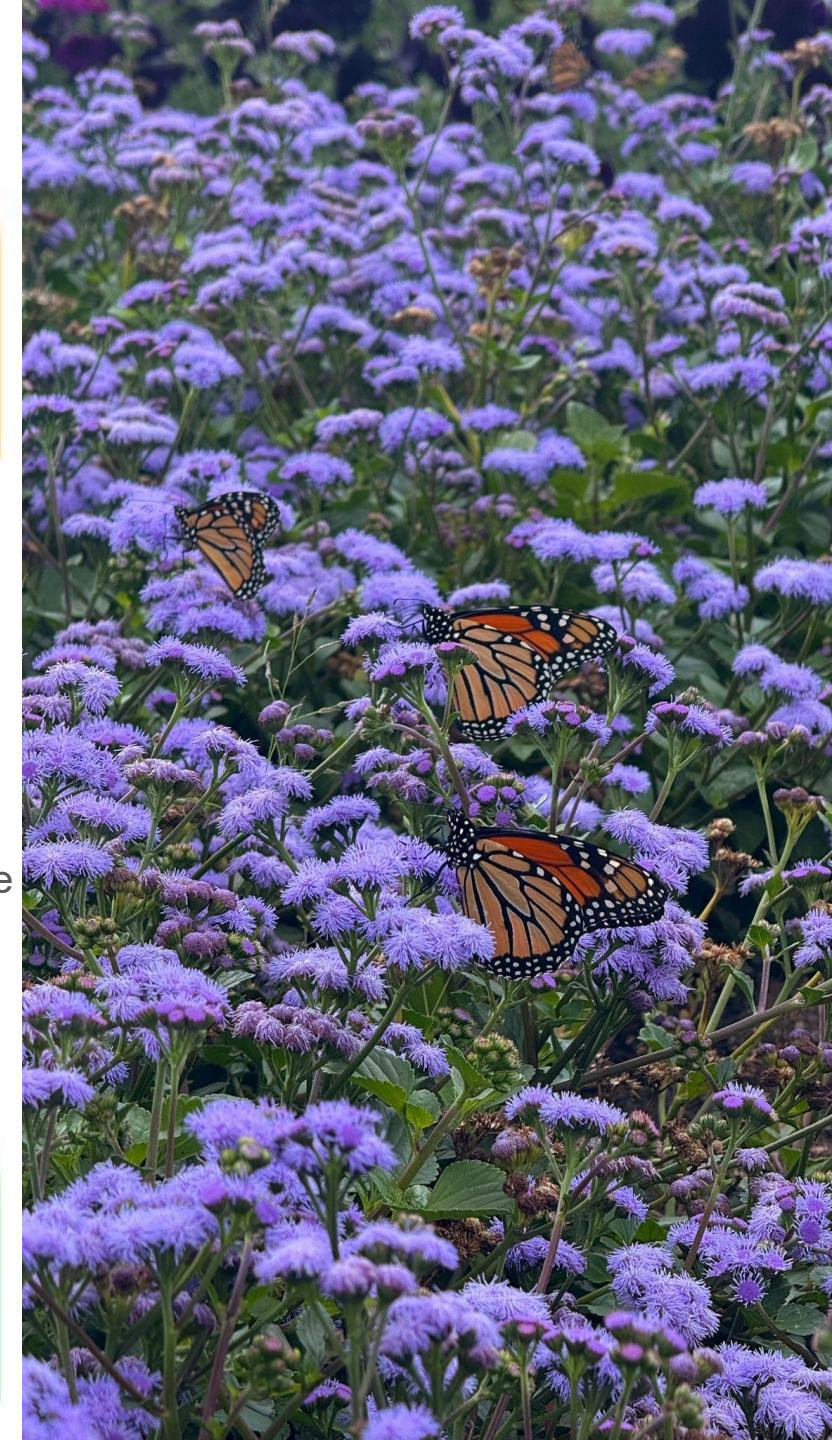


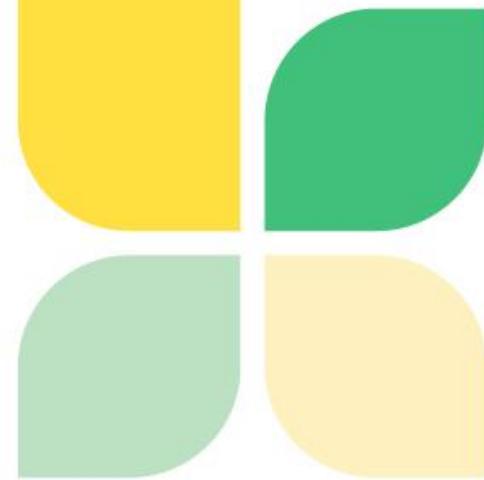
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# Ageratum Monarch Magic Best PGR Practices

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# Ageratum Monarch Magic

- A one-of-a-kind trailing ageratum that monarch butterflies can't resist!
- Vigorous, spreading habit is ideal for use in baskets and mixes.
- Drought tolerant and hides its spent flowers.
- Great for landscapes and patios.

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# Liner stage:

**Crop time:** 3-4 weeks in a split-102

**Pinching:** Not Recommended

*Note: Unless a prostrate habit is desired for hanging baskets and combinations. (Mixes)*

- **When pinching:** Pinch to 2 nodes. Pinching to only 1 node will create a Y-branched habit.
- **Not advised:** To pinch if growing for a 6-inch pot or smaller. (Bird's Nest Effect)

3 Weeks after Stick:



1-Node Pinch VS 2-Node Pinch

# Ageratum Monarch Magic

1 Node Pinch VS 2 Node pinch



# Liner stage: PGR Recommendations

## Applications:

- **B9/Cycocel tank mix @ 3000/1000ppm**

Applied at 10-14 days or when roots hit the edge of the cell will provide adequate control.

- **Bonzi rootzone dip/drench**

For 2 minutes at 1.5ppm may be used, but be advised a lower PGR rate in the finished stage will likely be needed.

- **Configure 300ppm OR Florel 300ppm**

Will increase branching, but will require a 0.5Bonzi spray or low rate of B9/Cycocel spray to control in the finished pot size.

**Not Advised:** Hold longer than 7 days in the liner tray past the scheduled transplant week.

3 weeks after stick:



Top row: No pinch

2-node pinch VS 1-node pinch

# Finishing:

## Environment:

- Full sun is preferred to tone the plant.
- Can stretch in shade conditions.
- In Summer afternoon irrigations may be necessary.

## Pot size:

- 6inch or larger
- 6inch – 1ppp
- 12inch – 2-3ppp

## Timing:

- 5-6 weeks for both 6-inch and 12-inch depending on PGR used and 2-3ppp in12in.

## PGR:

- Bonzi drench at 1-2ppm OR a B9/Cycocel 3000/1000ppm tank mix spray will give adequate control.
  - Bonzi will not delay flowering
- Drench rates of bonzi  $\geq$  3ppm Bonzi, not recommended, as it will lock up the plant.



# Finishing: 12inch pot, 5 weeks after transplant



YP: B9/Cycocel 3000/1000ppm  
FP: Bonzi 1ppm



YP: B9/Cycocel 3000/1000ppm  
FP: B9/Cycocel 3000/1000ppm



YP: Florel  
FP: No PGR

# Finishing: 12inch pot, 5 weeks after transplant



YP: B9/Cycocel 3000/1000ppm  
FP: Bonzi 3ppm



YP: Bonzi 20ppm Spray  
FP: No PGR

# Finishing: 6inch pot, 5 weeks after transplant



YP: B9/Cycocel 3000/1000ppm  
FP: Bonzi 1ppm



YP: B9/Cycocel 3000/1000ppm  
FP: B9/Cycocel 3000/1000ppm



YP: Florel  
FP: No PGR

# Finishing: 6inch pot, 5 weeks after transplant



YP: B9/Cycocel 3000/1000ppm  
FP: Bonzi 3ppm



YP: Bonzi 20ppm Spray  
FP: No PGR

# Ageratum Monarch Magic

## PGR Applications & Volume

Repeated low rates of PGR will control growth, but not lock up plants.

But that means the **Volume applied** becomes more important.

Very easy to **apply over the desired volume**, if not monitoring or measuring the application.

The result would be a higher rate of A.I. than desired and stunted plants.

Applying GA to fix a locked-up crop, is likely worse than a missed or over-regulated application.



# Ageratum Monarch Magic

## 1.5GAL Sample Schedule (Northern)

Crop Stage	Propagation (3 weeks)			Finish Stage (6-7 weeks)						
	Week of Production	9	10	11	13	14	15	16	17	18
Temperature	68-72F	62-65F	65F ADT							
Notes	<ul style="list-style-type: none"> <li>• 102 Elle liner</li> <li>• Quick root time 5-7 days</li> <li>• <b>WK10</b> 2500ppm Dazide + 1000ppm Cycocel</li> <li>• <b>WK11</b> Paclo drench 2ppm</li> </ul>			<ul style="list-style-type: none"> <li>• Paclo drench 2ppm <b>WK14 and possibly WK17</b></li> <li>• As canopy begins to close in, apply a preventative Powdery Mildew spray ~WK15</li> <li>• WK14 and on treat for Thrips/Aphids, Repeat application ~WK17</li> <li>• If growing near other Whitefly attractive crops, treat preventatively and/or scout</li> </ul>						
	Transplant Week 12									

# Monarch Magic

## Top Take-aways



### Habit and Physical control

- Highly vigorous- Great for mono pots and larger combinations.
- Pinching is not recommended unless a prostrate habit is desired (multi-species combos), leave 2 nodes minimum.
- A trim around to the rim of a container may be done in finish to control overhang

# Monarch Magic

## Top Take-aways



### PGR Applications

- It is recommended to PGR in the liner stage, and before or after transplant, especially in a <6in. size container.
- Exceeding 2ppm Bonzi in a single application will lock up the plant. Also careful not to exceed desired volume per drench application.