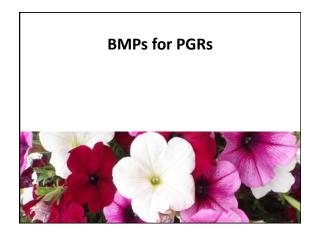
Goals & Other Benefits of PGRs

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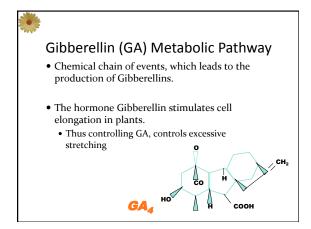


PGRs

 A tool to make growing easier

Useful to understand how they work to control excessive plant stretch

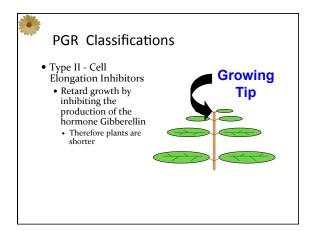


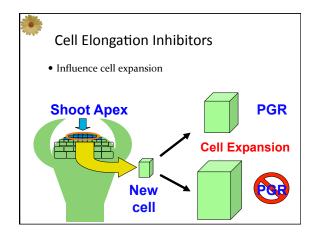


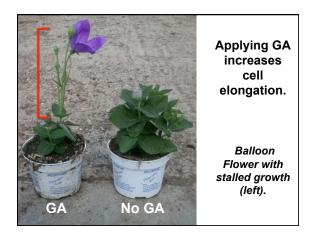


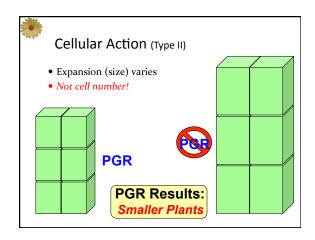


Goals & Other Benefits of PGRs

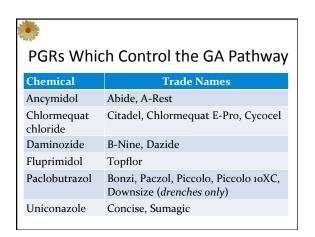








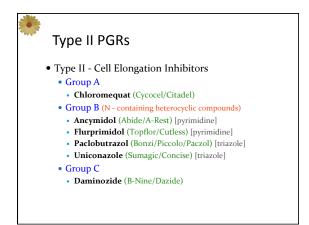


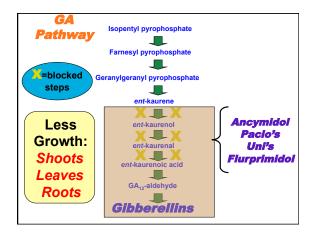


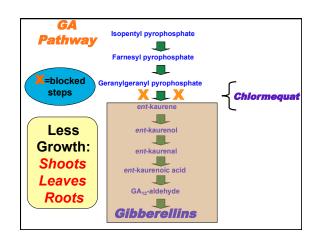


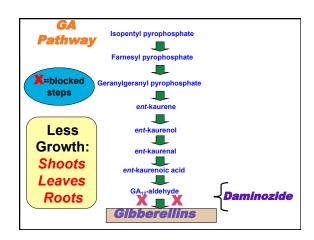


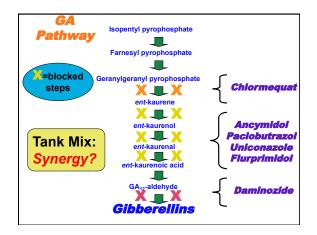
Goals & Other Benefits of PGRs

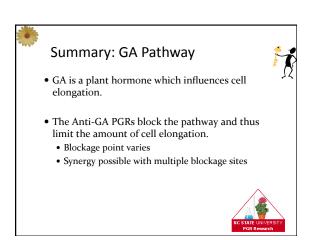








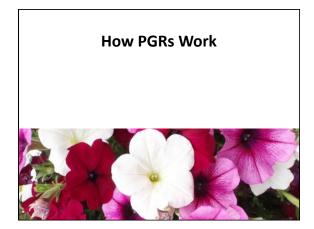


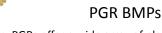




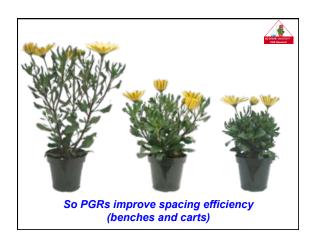


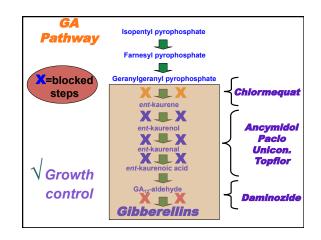
Goals & Other Benefits of PGRs

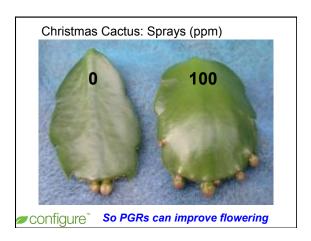


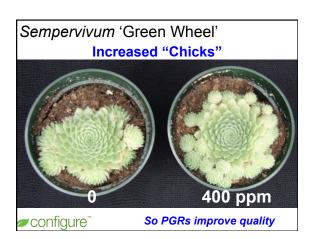


- PGRs offer a wide array of plant growth management tools.
 - Growth management
 - Shorter / Smaller Diameter
 - Taller
 - Flowering
 - Improved plant architecture/form













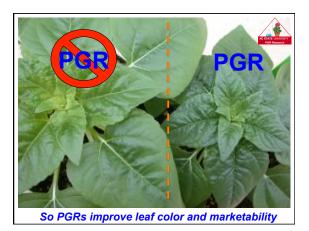
Goals & Other Benefits of PGRs

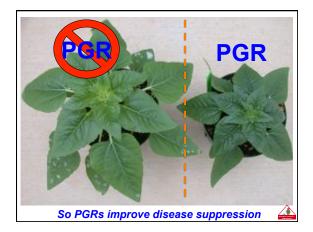
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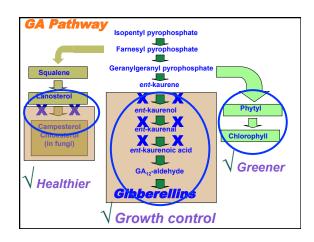


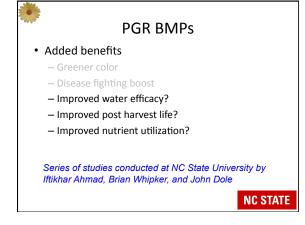
PGR BMPs

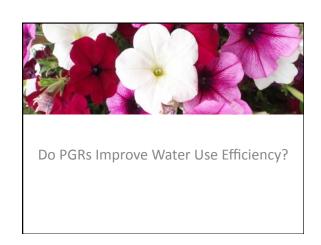
- · Added benefits
 - Greener color
 - Disease fighting boost
 - Improved water efficacy?
 - Improved post harvest life?
 - Improved nutrient utilization?









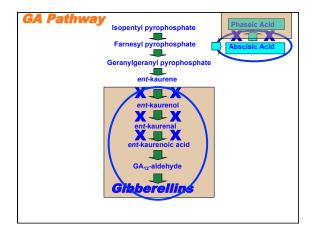


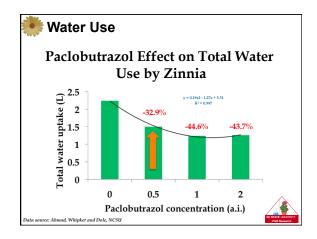


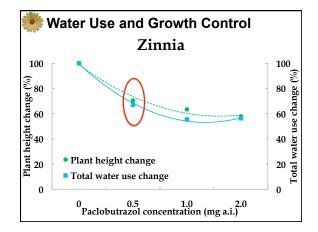


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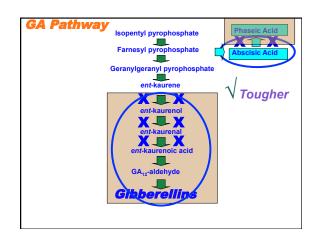


Water Use

- PGR applications at concentrations suitable for greenhouse production, decreased water use by 33%.
- As a general rule, the percentage control of plant growth equals the percentage decrease of water use.

So PGRs improve water use efficiency





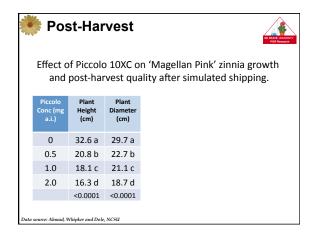


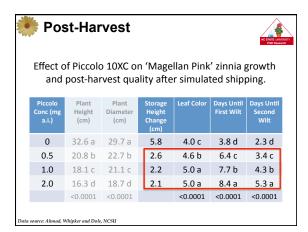


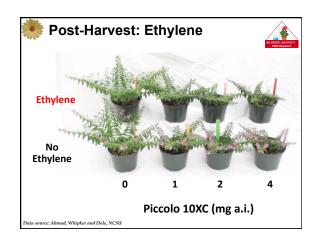
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Post-Harvest: Ethylene

- PGR applications did not offset the negative effects of exogenous ethylene exposure.
- During simulated shipping, PGRs aid plants in:
 - retaining dark green leaf color, and
 - flower retention

So PGRs improve shipping quality







Goals & Other Benefits of PGRs

