



University of Agronomic Sciences and Veterinary Medicine of Bucharest
Faculty of Horticulture

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MICROPROPAGATION OF AFRICAN-VIOLET (*SAINTPAULIA IONANTHA WENDL.*)

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Introduction



Butterfly Blue



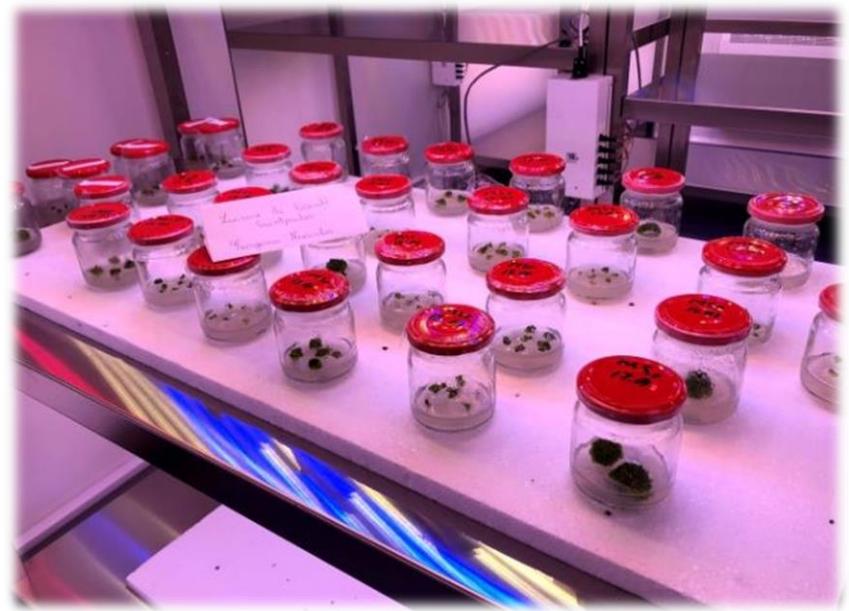
Green Dragon



Pink Amiss

Materials and Methods

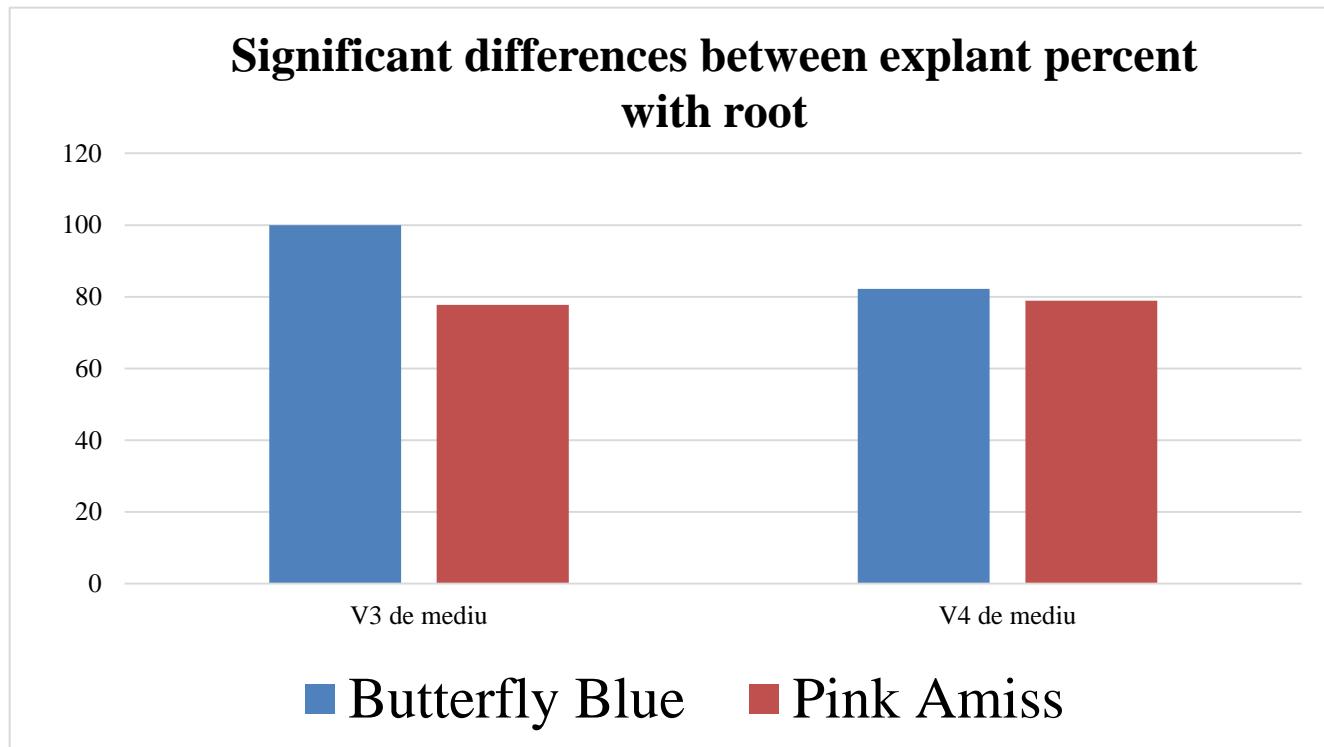
- Tissue culture propagation
- 82 explants
- 2 types of medium



Results and discussions

- Among all the mediums used for inoculation, MS (-) had the best multiplication coefficient: 1 - 25;
- Remarkable growth on medium with IBA and BAP
- 63 acclimatized plants

Results and discussions



Conclusions and recommendations

- Butterfly Blue had the best results:
 - 11 leaves/explant
 - 2.4 mm average root length
 - average rooting 100%.
- The best medium for inoculation is MS (-) and for growth is MS (+)

Conclusions and recommendations

Acclimation



14 days



6 months

References

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