

V. CONCLUSION AND SUGGESTION

A. Conclusion

Based on the result and discussion, it can be concluded that:

- 1) Media formulations and phytagel concentrations controlled the time of shoot emergence, the number of shoots, shoot length, and the number of leaves, and their respective RGR's. The interaction between media formulations and phytagel concentrations significantly affected the number of shoots of *Nepenthes mirabilis* in in vitro culture.
- 2) The best media for *N. mirabilis* number of shoots growth was ½ MS media solidified with 2.5 g.L⁻¹ phytagel.

B. Suggestion

Half strength MS supplemented with 2.5 g.L⁻¹ phytagel can be used for mass production *Nepenthes mirabilis* to produce microfloriculture materials and its subsequent distribution .

