

V. CONCLUSION AND RECOMMENDATION

5.1 Conclusion

Based on the research about Indarung seed germination supplemented with several type of cytokinins on WPM media, it can be concluded that:

1. The cytokinins were able to initiate germination of Indarung seeds on WPM media *in vitro*, which are increasing the percentage of germination seeds, accelerating the first day of roots and shoots appeared, root length, shoot height, and morphology of shoot.
2. KIN is better than BAP and TDZ in support the seedling of Indarung seeds on WPM media *in vitro*.

5.2 Recommendation

Based on the research that has been done, it is recommended to do further research on *in vitro* propagation of Indarung by using several concentrations of KIN or in combination with low concentrations of auxin.

