

## V. CONCLUSION

### 5.1. Conclusion

Based on the results of the study "The potential of *Bacillus* sp. and FOBIO Biopesticides with Mustard Plants (*Brassica rapa* L var. *parachinensis*) As Bioremediation Agents of Cadmium Heavy Metals (Cd)." it can be concluded that:

1. *Bacillus* sp. and FOBIO *Bacillus* sp. and FOBIO have potential as bioremediation agents, with the highest reduction in cadmium (Cd) content in soil observed in the FOBIO treatment.
2. The growth of mustard plants is not impaired by cadmium contamination. Treatment P6 (heavy metal-contaminated growing medium + FOBIO + mustard plants) had the best growth values with an average plant height of 5.14 cm, 2.72 leaves, and a fresh weight of 5.08 g.

### 5.2. Suggestion

Based on this study, it is recommended that cadmium levels in mustard plants be analyzed to confirm their ability as hyperaccumulators, thereby improving the accuracy and completeness of the data.