

CHAPTER V CONCLUSION AND SUGGESTION

5.1 Conclusion

Based on the results of the study of major plant nutrient content in palm oil mill effluent digestate (POMED) and its suitability as ti-organic fertilizer add boiler ash and fish amino, it was concluded that:

1. Major nutrient content concentrations in Palm Oil Mill Effluent Digestate (POMED) have shown below the SIRIM and SNI 2803:2010 standard for organic fertilizer applications;
2. NPK concentrations were improved by adding FAA dan BA at about 18.53%, 12.2% and 42.5%, respectively, so that it fulfills the desired ratio of 2:1:4.

5.2 Suggestions

Suggestions in this study are:

1. Conduct Nitrogen testing with different methods;
2. Adding different bio-activator, by looking at the high Nitrogen and Potassium in another bio-activator.

