

V. CONCLUSIONS AND RECOMMENDATIONS

5.1 Conclusions

Based on the research that has been done the following conclusions are obtained

1. The total number of microbes in MOL found the presence of microbes such as bacteria, fungi, and yeast with the basic ingredients of organic waste and a banana skin, namely the total bacteria $1.8 \times 10^5 \text{ cfu / mL}$, total fungi $9.6 \times 10^4 \text{ cfu / mL}$, and total yeast $1.9 \times 10^5 \text{ cfu / mL}$.

2. The quality of compost produced is different in terms of color and texture but has the same distinctive aroma of compost.

5.2 Recommendation

Based on the results of the research conducted, it is necessary to identify bacteria, fungi, and yeast found in M4 and EM4, so that they can compare the types of microbes contained in M4 and EM4 so that the information obtained is more complete and detailed.

