

V. CONGCLUSIONS AND SUGGESTIONS

5.1 Conclusions

Based on the results of the research conducted are obtained as follows,

1. The results isolation in LMO obtained microbial groups including bacteria, fungi and yeast were found to be higher in LMO (L4) than in EM4 with the number of bacteria $1.7 \times 10^5 \text{ cfu/ml}$, fungi $9.6 \times 10^4 \text{ cfu/ml}$ and yeast $1.9 \times 10^5 \text{ cfu/ml}$.
2. The quality of compost produced from the composting process using (LMO) L4 and EM4 has the same distinctive aroma of compost but is different in terms of final pH, final temperature, color, and texture.

5.2 Suggestions

Based on the results, it is necessary to identify the bacteria, fungi, and yeast found in L4 and EM4, so that the comparison of the types of microbes contained in L4 and EM4 it is clearly seen.

