

ABSTRACT

THE EFFECT OF THE ECO-ENZYME OF PINEAPPLE RIND

(Ananas comosus L.) AND PAPAYA RIND (Carica papaya L.) ON THE

EFFECTIVENESS OF LIQUIDS HOUSEHOLD CLEANERS

Organic trash found a lot in the community one of them that is pineapple rind and papaya rind, pineapple rind and papaya rind used as an eco-enzyme as a household cleaners. Eco-enzyme made with ingredients pineapple rind and papaya rind, sugar and water and then fermented for 3 months. After the end of the eco-enzyme fermentation, organoleptic test, pH test and effectiveness of eco-enzyme. Effectiveness eco-enzyme do 2 test that is test water and oil in the bottle and dirty floor and made with 3 formulas, F1 eco-enzyme, F2 chemical cleaning solutions and F3 mixture eco-enzyme and chemical cleaning solutions of the 3 formulas get the results that the most effective results are F2. F1 can be used by mixing chemical cleaning solutions to get maximum results.

Keywords : Organic trash, ec-enzyme, pineapple rind dan papaya rind