

Extraction of Enzymes From Potato Peels Substrate Using Bacillus Megatarium

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August 10, 2015 · Volume 1 - Issue 1

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Journal of Plant & Agricultural Research . 2015 Aug 10 [last modified: 2015 Aug 10]. Edition 1.

Abstract

Here the work contains Extraction of Enzymes from Potato Peels Substrate Using Bacillus Megatarium. The work was done to study the growth habit of microbes on standard media, standardize the conditions for growth of microbes using potato peel & and measure the efficacy of filtrate as enzyme source. Experimental details were like Design-CRD, 3 replication & 8 treatments. Bacterial strains were used like B1 = B. megatarium, B2 = No bacteria, Incubation temperature T1 = 370C , T2 = Room Temperature (R.T.) and Incubation Hours H1 = 24 , H2 = 48. Bacterial strain B. megatarium consume maximum amount of starch (96.27 mg/g) as compare to other treatments. Amylase and protease enzymes activity also found in highest in treatment 4 (T4) and All the results were within accepted criteria.