

POTATO STORAGE AT JOS, NIGERIA USING
EVAPORATIVE COOLING PAD SYSTEMS

by

OSCAR P.D. FOM

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INTRODUCTION

The purpose of this paper is to correlate the information to existing conditions on the Jos Plateau of Nigeria and to propose a design data for the storage system. Because of the end use of the potato crop (as table stock) in Nigeria, the paper inclines more to the storage of table stock. Nevertheless, a few points of comparison between table stock and potatoes based on other end uses are mentioned.

Potatoes are not one of the major commercial crop in the country, but there is a great potential for the crop. For that reason it is not advisable to invest much in a potato storage project, and this is why this system is designed to use evaporative cooling pads which is relatively economical as compared to high power cooling systems.