

ABSTRACT

Curing of burley tobacco leaf was studied with conditioned air under controlled humidity and temperature cabinet designed by Blue M. Electric Company. Effect of high temperature such as 80°C, showed that rate of drying increased as the temperature was increased, but temperature such as 65°C and 80°C, 50% R.H. and 70% R.H. The constant drying periods were obtained in between; but at 50°C and 50% R.H., 70% R.H. and 90% R.H., no such constant drying periods were obtained.

CURING OF TOBACCO WITH CONDITIONED AIR, UNDER
CONTROL HUMIDITY AND TEMPERATURE

A Thesis
Presented to
the Faculty of the Graduate School
Tennessee Technological University

In Partial Fulfillment
of the Requirements for the Degree
MASTER OF SCIENCE
Chemical Engineering

by
M. A. Lilani
December 1967

CERTIFICATE OF APPROVAL OF THESIS

CURING OF TOBACCO WITH CONDITIONED AIR, UNDER
CONTROL HUMIDITY AND TEMPERATURE

by

M. A. Lilani

Albert H. Cooper

Chairman, Graduate Advisory Committee

W. J. Huddleston

M. A. Nobles

Approved for the Faculty

W. S. Purdy
Dean, Graduate School