

Indian Standard

**SURFACE COVERED CULTIVATION STRUCTURE —
ESTABLISHMENT AND OPERATION OF MIST
CHAMBER — GUIDELINES**

FOREWORD

This Indian Standard was adopted by the Bureau of Indian Standards, after the draft finalized by the Agricultural Produce Processing and Milling Machinery and Surface Covered Cultivation Structures Sectional Committee had been approved by the Food and Agriculture Division Council.

Mist chambers have been established and used for plant propagation work for several decades. The mist chambers create favorable conditions of light, temperature and humidity for vegetative propagation of plant material. However, there have been large variations in the type of structures, misting systems and their operations. These variations often differentiate between success and failure. The present effort is being made to rationalize the installation and operation of mist chambers so that prospective users could take correct decisions.

In the preparation of this standard considerable assistance have been derived from Indian Agriculture Research Institute, Pusa, New Delhi.

For the purpose of deciding whether a particular requirement of this standard is complied with the final value, observed or calculated, expressing the result of a test or analysis, shall be rounded off in accordance with IS 2:1960 'Rules for rounding off numerical values (*revised*)'. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

1 SCOPE

This standard covers the guidelines for establishment and operation of mist chambers.