

(PREVIEW)

IS 14603 : 1998

*Indian Standard*

**POTATO GRADER — TEST CODE**

**FOREWORD**

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

Potato is an important food and vegetable crop, which is grown in India. One of the post-harvest operations for which potato growers and cold storage owners are presently facing hardships is the separation of potatoes into different size-grades. This is known as 'grading'. Grading helps the farmers in getting higher profit for their produce when sold in the market. Grading is also a requirement for seed purposes in accordance with the specifications laid down by the National Seeds Corporation and other Seed Agencies.

Potato graders are used for separation of potatoes into different size grades. Different types of potato graders have been developed and are being manufactured in the country. However, there was no test code to evaluate the performance of these machines. Therefore a need was felt to formulate this standard in order to have a uniform test procedure for potato graders.

In the preparation of this standard, assistance has been derived from the Punjab Agricultural University, Ludhiana.

In reporting the results of a test or analysis made in accordance with this standard, if the final value. Observed or calculated, is to be rounded off, it shall be done in accordance with IS 2 : 1960 'Rules for rounding off numerical values ( revised )'.

**1 SCOPE**

This standard prescribes the method for testing of hand and power operated potato graders.