INTERNATIONAL STANDARD

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Oriental leaf tobacco — Determination of form and size characteristics

Tabac oriental en feuilles — Détermination des caractéristiques de forme et de dimensions

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Foreword

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Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 8043 was prepared by Technical Committee ISO/TC 126, *Tobacco and tobacco products*.

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Oriental leaf tobacco — Determination of form and size characteristics

1 Scope

This International Standard specifies a method for determination of form and size characteristics of oriental leaf tobacco from transplanting until used as raw material for cigarette manufacture.

The method is applicable to all oriental varieties.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 4874:1981, *Tobacco — Sampling of batches of raw material — General principles.*

ISO 6488:1981, *Tobacco — Determination of water content (Reference method).*

3 Definitions

For the purposes of this International Standard, the following definitions apply.

3.1 leaf size: General dimension of the leaf (large, medium or small).

3.2 leaf length: The distance between the tip and the bottom of the leaf.

3.3 leaf width: The shortest distance between the opposite edges of the leaf at the widest part of it.

3.4 petiole: The leaf part which connects the limb of the leaf with the stalk of the plant.

3.5 sessile leaf: The type of leaf in which the leaf is attached to the stalk by the broadened base of the leaf.

3.6 diametrical ratio: The ratio of the leaf length and maximum width.

3.7 central distance: The distance between the base of the leaf and the maximum width of the leaf.

3.8 coefficient of ovality: The ratio of the leaf length and the central distance.

3.9 tip angle: The angle between the two tangents drawn from the tip of the leaf to the leaf edges.

4 Principle

Conditioning of intact leaves to a specified moisture content, mounting the leaves between glass plates for 24 h, tracing the outlines on to tracing paper and making the required measurement.

5 Apparatus

Usual laboratory apparatus and the following items:

5.1 Conditioning enclosure.

5.2 Two glass plates.

5.3 Calipers.

5.4 Ruler, with 1 mm graduations.

5.5 Tracing paper.

5.6 Protractor, with 1° graduations.

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