

**NISU (*Triticum aestivum* L.)  
Spetsifikatsioon**

**Wheat (*Triticum aestivum* L.)  
Specification  
(ISO 7970:2011)**

EVS

**EESTI STANDARDI EESSÕNA****NATIONAL FOREWORD**

<p>See Eesti standard EVS-ISO 7970:2014 „Nisu (<i>Triticum aestivum</i> L.). Spetsifikatsioon“ sisaldab rahvusvahelise standardi ISO 7970:2011 „Wheat (<i>Triticum aestivum</i> L.) — Specification“ identset ingliskeelset teksti.</p>	<p>This Estonian Standard EVS-ISO 7970:2014 consists of the identical English text of the International Standard ISO 7970:2011 „Wheat (<i>Triticum aestivum</i> L.) — Specification“.</p>
<p>Ettepaneku rahvusvahelise standardi ümbertrüki meetodil ülevõtuks on esitanud EVS/TK 1, standardi avaldamist on korraldanud Eesti Standardikeskus.</p>	<p>Proposal to adopt the International Standard by reprint method has been presented by EVS/TK 1, the Estonian standard has been published by the Estonian Centre for Standardisation.</p>
<p>Standard EVS-ISO 7970:2014 on jõustunud sellekohase teate avaldamisega EVS Teataja 2014. aasta oktoobrikuu numbris.</p>	<p>This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.</p>
<p>Standard on kättesaadav Eesti Standardikeskusest.</p>	<p>The standard is available from the Estonian Centre for Standardisation.</p>

**Käsitlusala**

See rahvusvaheline standard sätestab toiduks mõeldud ja rahvusvahelise kaubanduse objektiks oleva nisu (*Triticum aestivum* L.) miinimumnõuded.

ICS 67.060

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EVS

# Wheat (*Triticum aestivum* L.) — Specification

## 1 Scope

This International Standard establishes minimum specifications for wheat (*Triticum aestivum* L.) intended for human consumption and which is the subject of international trade.

## 2 Normative references

The following normative documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of referenced document (including any amendments) applies.

ISO 712, *Cereals and cereal products — Determination of moisture content — Reference method*

ISO 3093, *Wheat, rye and their flours, durum wheat and durum wheat semolina — Determination of the falling number according to Hagberg-Perten*

ISO 6639-3, *Cereals and pulses — Determination of hidden insect infestation — Part 3: Reference method*

ISO 6639-4, *Cereals and pulses — Determination of hidden insect infestation — Part 4: Rapid methods*

ISO 7971-1, *Cereals — Determination of bulk density, called mass per hectolitre — Part 1: Reference method*

ISO 7971-3, *Cereals — Determination of bulk density, called mass per hectolitre — Part 3: Routine method*

ISO 24333, *Cereals and cereal products — Sampling*

## 3 Terms and definitions

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

### 3.1

#### **impurities**

all the elements which are conventionally considered as undesirable in a sample or batch of cereals

[ISO 5527:1995<sup>[5]</sup>, 1.4]

NOTE In wheat, impurities comprise four main categories: damaged wheat grains (3.1.1), other cereals (3.1.2), extraneous matter (3.1.3), and harmful and/or toxic matter (3.1.4). (See also Table C.1.)

#### 3.1.1

##### **damaged wheat grains**

all the matter of a sample of grain other than the basic cereal which comprises the following fractions: broken grains, wheat of decreased value, grains attacked by pests, unsound grains and sprouted grains

##### 3.1.1.1

###### **broken grains**

grains in which part of the endosperm is exposed, or grains without germ

[ISO 5527:1995<sup>[5]</sup>, 1.4.9]

##### 3.1.1.2

###### **wheat of decreased value**

grains, not fully developed or with discoloration in germ and its surrounding area, which are less valuable in end-use performance due to external factors