

TERAVILI JA TERAVILJATOOTED. LISANDITE
MÄÄRAMINE NISUS (*TRITICUM AESTIVUM* L.), KÕVAS
NISUS (*TRITICUM DURUM* DESF.), RUKKIS (*SECALE*
CEREALE L.), TRITIKALES (*TRITICOSECALE* WITTMACK
SPP) JA SÖÖDAODRAS (*HORDEUM VULGARE* L.)

Cereal and cereal products - Determination of Besatz in
wheat (*Triticum aestivum* L.), durum wheat (*Triticum*
durum Desf.), rye (*Secale cereale* L.), triticale
(*Triticosecale Wittmack* spp) and feed barley (*Hordeum*
vulgare L.)

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 15587:2019 sisaldab Euroopa standardi EN 15587:2018 ingliskeelset teksti.	This Estonian standard EVS-EN 15587:2019 consists of the English text of the European standard EN 15587:2018.
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English Version

Cereal and cereal products - Determination of Besatz in wheat (*Triticum aestivum* L.), durum wheat (*Triticum durum* Desf.), rye (*Secale cereale* L.), triticale (*Triticosecale Wittmack* spp) and feed barley (*Hordeum vulgare* L.)

Céréales et produits céréaliers - Détermination du taux d'impuretés dans le blé (*Triticum aestivum* L.), le blé dur (*Triticum durum* Desf.), le seigle (*Secale cereale* L.), le triticale (*Triticosecale Wittmack* spp) et l'orge fourragère (*Hordeum vulgare* L.)

Getreide und Getreideerzeugnisse - Bestimmung von Besatz in Weizen (*Triticum aestivum* L.), Hartweizen (*Triticum durum* Desf.), Roggen (*Secale cereale* L.), Triticale (*Triticosecale Wittmack* spp.) und Futtergerste (*Hordeum vulgare* L.)

This European Standard was approved by CEN on 1 October 2017.

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CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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European foreword

This document (EN 15587:2018) has been prepared by Technical Committee CEN/TC 338 “Cereal and cereal products”, the secretariat of which is held by AFNOR.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by June 2019, and conflicting national standards shall be withdrawn at the latest by June 2019.

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1 Scope

This European Standard specifies the term *Besatz* (impurities) and describes methods for the determination of its components. The term *Besatz* is used as a parameter for certain quality aspects in common wheat (*Triticum aestivum* L.), durum wheat (*Triticum durum* Desf.), rye (*Secale cereale* L.), triticale (*Triticosecale Wittmack* spp) and feed barley (*Hordeum vulgare* L.).

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN ISO 5223, *Test sieves for cereals*

3 Terms and definitions

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

3.1

Besatz

all matter of a sample of grain other than the basic cereal of unimpaired quality

Note 1 to entry: It comprises the four fractions: broken grains, grain impurities, sprouted grains and miscellaneous impurities.

Note 2 to entry: Live pests are not considered as *Besatz*. They are specified as a separate criterion.

Note 3 to entry: A schematic summary on *Besatz* is given in Annex C.

Note 4 to entry: Pictures of examples are given in [9].

3.2

broken grains

all grains belonging to the basic cereal and whose endosperm is partially uncovered, including grains damaged by threshing and grains from which the germ has been removed

Note 1 to entry: Grains damaged by pests or unsound are considered respectively as 3.3.3 and 3.5.2.

3.3

grain impurities

fraction consisting of shrivelled grains, other cereals, grains damaged by pests, grains in which the germ is discoloured (only for common and durum wheat), mottled grains (only for durum wheat) and grains overheated during drying

Note 1 to entry: For common wheat, grains in which the germ is discoloured are disregarded up to 8 %.