

GOVERNMENT NOTICES GOEWERMENTSKENNISGEWINGS

DEPARTMENT OF AGRICULTURE DEPARTEMENT VAN LANDBOU

No. R. 876

14 September 2001

AGRICULTURAL PRODUCT STANDARDS ACT, 1990
(ACT No. 119 OF 1990)

REGULATIONS RELATING TO THE GRADING, PACKING AND MARKING OF WHEAT INTENDED FOR SALE IN THE REPUBLIC OF SOUTH AFRICA: AMENDMENT

The Minister of Agriculture, acting under section 15 of the Agricultural Product Standards Act, 1990 (Act No. 119 of 1990)—

- (a) made the regulations in the Schedule; and
- (b) determined that the said regulations shall come into operation on 1 October 2001.

SCHEDULE

Definitions

1. In this Schedule "the Regulations" means the regulations published by Government Notice No. R. 905 of 10 July 1998, as amended by Government Notice No. R. 1421 of 6 November 1998.

Amendment of regulation 1 of the Regulations

2. Regulation 1 of the Regulations is hereby amended—

- (a) by the substitution for the definition of "consignment" of the following definition:

" **'consignment'** means—

- (a) a quantity of wheat of the same class, which belongs to the same owner, delivered at any one time under cover of the same consignment note, delivery note or receipt note, or delivered by the same vehicle or bulk container, or loaded from the same bin of a grain elevator or from a ship's hold; or
- (b) in the case where a quantity referred to in paragraph (a), is subdivided into different subclasses or grades, each such quantity of each of the different subclasses or grades;";

- (b) by the substitution for the definition of "damaged kernels" of the following definition:

" **'damaged kernels'** means wheat kernels and pieces of wheat kernels—

- (a) which have been damaged by insects;
- (b) which have been distinctly discoloured (orange-brown, dark brown or black) by external heat or as a result of heating caused by internal fermentation in wheat with an excessive moisture content, excluding wheat kernels in respect of which the discolouration is confined to the germ end;
- (c) which are immature and have a distinctly green colour; and
- (d) in which germination has proceeded to such an extent that the skin covering the embryo has been broken or developing rootlets are clearly visible;";

- (c) by the insertion of the following definition after the definition of "falling number":

" **'field fungi infected kernels'** means wheat kernels that are visibly infected with fungi, and that—

- (a) have greyish brush ends; or
- (b) have a dull lifeless chalky or pinkish and shrunken appearance as a result of *Fusarium* infection;";

- (d) by the substitution for the definition of "foreign matter" of the following definition:

" **'foreign matter'** means all the material excluding wheat, other grain and unthreshed ears;";

- (e) by the substitution for the definition of "heavily frost damaged kernels" of the following definition:

" **'heavily frost-damaged wheat'** means—

- (a) blistered wheat kernels which have been damaged by severe frost during the milk to soft dough stage and which is characterised by the kernels being fairly plumb but covered entirely with small blisters extending into the crease, excluding—
 - (i) kernels in which blistering is confined to the back of the kernel; and
 - (ii) immature wrinkled kernels in which wrinkling has been caused by frost while the kernels were still immature; and

- (b) wheat kernels (flaked) which have a slightly flaked-off bran coat due to frost: Provided that evidence of frost damage is present and that the bran coat had not been rubbed off due to handling;";
- (f) by the deletion of definition of "sprouted kernels";
- (g) by the substitution for the definition of "stinking smut infection" of the following definition:
 - " 'stinking smut infection' means wheat that—
 - (a) is infected with *Tilletia spp.* with the exception of wheat infected with *Tilletia indica*; or
 - (b) has an unmistakable stinking smut odour; or
 - (c) contains wheat kernels that are smeared with stinking smut; or
 - (d) contains more than four stinking smut balls (or pieces of balls equal to four stinking smut balls) per 100 g of wheat;"; and
- (h) by the insertion of the following definition after the definition for "stinking smut or *Tilletia spp* infection excluding *Tilletia indica*":
 - " 'storage fungi infected kernels' means wheat kernels that are visibly infected with fungi, and that show—
 - (a) blue, green, blackish or yellow fungal growth anywhere on the kernel; or
 - (b) visible mould beneath the bran;".

Amendment of regulation 4 of the Regulations

3. Regulation 4 of the Regulations is hereby amended by the substitution for subregulation (1) of the following sub-regulation:

- "(1) Notwithstanding the provisions of subregulations (2), (3), (4) and (5), all consignments of wheat must—
- (a) be free from any toxin, chemical or other substances that renders it unsuitable for commercial purposes: Provided that not more than 10 microgram per kilogram aflatoxin, of which not more than 5 microgram per kilogram will be aflatoxin B1, is permissible;
 - (b) contain not more noxious seeds or ergot sclerotic than permitted in terms of the Foodstuffs, Cosmetics and Disinfectants Act, 1972 (Act No. 54 of 1972);
 - (c) be free from organisms of phytosanitary importance as determined in terms of the Agricultural Pest Act, 1983 (Act No. 36 of 1983);
 - (d) be free from mould infected, sour and rancid other grain, foreign matter and any other matter;
 - (e) be free from any odour, taste or colour not typical of undamaged and sound wheat;
 - (f) with the exception of Class Other Wheat, be free from insects;
 - (g) with the exception of Class Other Wheat, be free from stinking smut infection; and
 - (h) with the exception of Class Other Wheat, have a moisture content not exceeding 13 per cent;".

Amendment of regulation 6 of the Regulations

4. Regulation 6 of the Regulations is hereby amended by the substitution for paragraph (c) of subregulation (3) of the following paragraph:

- "(c) Notwithstanding the provision of paragraph (a), wheat shall be deemed to comply with the requirements of the paragraphs concerned if it deviates with not more than 30 seconds, lower than the minimum prescribed for Super Grade, Grade 1, Grade 2 and Utility Grade, as the case may be."

Amendment of regulation 11 of the Regulations

5. Regulation 11 of the Regulations is hereby amended by the deletion of subregulation (2).

Amendment of regulation 14 of the Regulations

6. Regulation 14 of the Regulations is hereby amended by the substitution for paragraph (b) of subregulation (3) of the following paragraph:

- "(b) Fill the funnel with unsifted wheat taken from the sample of the consignment and level off the wheat by scraping off the excess: Provided that a clean sample, that is free from other grain, unthreshed ears, screenings and foreign matter shall be used if grading is conducted on a clean basis."

Substitution of regulation 16 of the Regulations

7. The following regulation is hereby substituted for regulation 16 of the Regulations:

- "16. (1) The moisture content of a consignment of wheat may be determined using any suitable method: Provided that the results thus obtained are in accordance ($\pm 0,3$ per cent) with the results obtained by the 72 hour air-oven method at 103 °C as described in subregulation 2.
- (2) The moisture content of wheat kernels shall according to the 72 hour air-oven method at 103 °C be determined as follows:
- (a) Use apparatus prescribed according to AACC method 44-15A number 3 to 6.
 - (b) Weigh two or more empty dishes and lids and note the mass to 0,0001 g (D).

- (c) Weigh approximately 15 g unground wheat kernels into each dish and note the mass to 0,0001 g (A).
- (d) Cover the dishes with lids.
- (e) Place the dishes on a single shelf (do not stack) in an oven which had been preheated to 103 ± 1 °C. When placing the dishes in the oven, open the dishes and place the lids next to the dishes.
- (f) Start timing when the oven has regained the required temperature.
- (g) Place the lids on the dishes after 72 hours and remove the dishes from the oven one by one and place them immediately in a dessicator (do not stack).
- (h) Let the dishes cool in the dessicator for 45 to 60 minutes.
- (i) Remove the dishes from the dessicator one by one, weigh (B) and calculate the loss in mass (A - B).
- (j) Use the following equation to determine moisture percentage:

Calculation:

$$\text{Equation: \% moisture} = \frac{(A - B)}{C} \times 100$$

A = sample mass before drying including mass of dish and lid.

B = sample mass after drying including mass of dish and lid.

C = sample mass before drying excluding mass of dish and lid before drying (A - D).

- (k) If the results of the replication differ by more than 0,2%, repeat, on new samples, steps (a), (b), (c), (d), (e), (f), (g), (h), (i) and (j)."

Substitution of regulation 17 of the Regulations

8. The following regulation is hereby substituted for regulation 17 of the Regulations:

"17. The percentage of protein of a consignment of wheat may be determined according to any suitable method: Provided that—

- (a) the determination shall be conducted on a sample which has been sifted using a 1,786 mm screen and from which other grain, unthreshed ears and foreign matter has been removed by hand; and
- (b) the results thus obtained are in accordance ($\pm 0,3$ per cent) with the results obtained by the Dumas Combustion Analysis Method [AACC (American Association of Cereal Chemists) Method 46/30/1995]."

Amendment of regulation 18 of the Regulations

9. Regulation 18 of the Regulations is hereby amended by—

- (a) the substitution for subregulation 1 of the following subregulation:

"(1) The falling number of a consignment of wheat may be determined according to any suitable method: Provided that—

- (a) the determination shall be conducted on a sample which has been sifted using a 1,786 mm screen and from which other grain, unthreshed ears and foreign matter had been removed by hand; and
- (b) the results thus obtained are in accordance (± 5 per cent) with the results obtained by the ICC (International Association of Cereal Chemistry) Standard No. 107/1 Approved: 1968, Revised: 1995 Method.;"

- (b) the substitution of paragraph (a) of subregulation (2) of the following paragraph:

"(a) the sampling in the mentioned method shall be replaced with the manner prescribed in regulation 9;" and

- (c) the substitution of paragraph (c) of subregulation 2 of the following paragraph:

"(c) a maximum deviation of 30 seconds shall be allowed."

- (d) the substitution of subregulation (3) of the following subregulation:

"(3) If the falling number of a consignment of wheat is in the case of Super Grade, Grade I and Grade 2 below the minimum set out in regulation 6 (3) (a) and taking into account regulation 6 (3) (c); or in the case of Utility Grade below 150 seconds, and before a consignment is downgraded—

- (a) an additional determination of falling number shall be done in the same working sample;
- (b) the average falling number shall be determined;
- (c) an additional determination on another working sample, shall be done if the average of the falling number is still below the minimum for the grade concerned; and
- (d) the average of all the readings shall be regarded as the falling number of the consignment."

Amendment of regulation 19 of the Regulations

10. Regulation 19 of the Regulations is hereby amended by the insertion of the following subregulation after subregulation (1):

- “(1A) Prior to the determination of any grading factor that is conducted on a sifted sample, that sifted sample shall be mixed thoroughly: Provided that all material that do not pass through the sieve shall represent the sifted sample.”.

Deletion of regulation 20 of the Regulations

11. Regulation 20 of the Regulations is hereby deleted.

Deletion of regulation 24 of the Regulations

12. Regulation 24 of the Regulations is hereby deleted.

Amendment of regulation 26 of the Regulations

13. Regulation 26 of the Regulations is hereby amended by the substitution for paragraph (b) of the following paragraph:

- “(b) Remove all heat-damaged kernels by hand and determine the mass of the heat-damaged kernels in each of the duplicate working samples concerned. Kernels from an additional working sample may also be sensorially assessed (by smelling and tasting the kernels) to confirm suspicion of heat damage.”.

Substitution of regulation 27 of the Regulations

14. The following regulation is hereby substituted for regulation 27 of the Regulations:

“Determination of percentage field and storage fungi infected kernels

27. The percentage field fungi infected kernels and storage fungi infected kernels in a consignment of wheat shall be determined as follows:

- (a) Obtain two working samples of at least 25 g each from a screened sample.
- (b) Remove all field fungi infected kernels and storage fungi infected kernels respectively by hand and separately determine the mass of the field fungi infected kernels and storage fungi infected kernels in each of the working samples concerned.
- (c) Express the mass of field fungi infected kernels and storage fungi infected kernels determined respectively as a percentage of the total mass of the working sample concerned.
- (d) If the percentage of the working samples differ by more than 0,2 per cent an additional determination shall be performed on another working sample and the provisions of paragraphs (a), (b) and (c) shall *mutatis mutandis* apply to the additional working sample.
- (e) Determine the average of the percentages of field fungi infected kernels and storage fungi infected kernels, respectively obtained in paragraph (c) or (d) as the case may be.
- (f) Such average represents the percentage of field fungi infected kernels and storage fungi infected kernels respectively in the consignment concerned.”.

Substitution of Table 1 of the Annexure of the Regulations

15. The following table is hereby substituted for Table 1 of the Annexure of the Regulations:

No. R. 876

14 September 2001

WET OP LANDBOUPRODUKSTANDAARDE, 1990
(WET No. 119 VAN 1990)

**REGULASIES MET BETREKKING TOT DIE GRADERING, VERPAKKING EN MERK VAN KORING BESTEM VIR
VERKOOP IN DIE REPUBLIEK VAN SUID-AFRIKA: WYSIGING**

Die Minister van Landbou, handelende kragtens artikel 15 van die Wet op Landbouproduktstandaarde, 1990 (Wet No. 119 van 1990)—

- (a) het die regulasies in die Bylae uitgevaardig; en
- (b) bepaal dat die genoemde regulasies op 1 Oktober 2001 in werking tree.

BYLAE

Woordomskriving

1. In hierdie Bylae beteken “die Regulasies” die regulasies gepubliseer by Goewermentskenningsgewing No. R. 905 van 10 Julie 1998, soos gewysig deur Goewermentskenningsgewing No. R. 1421 van 6 November 1998.

Wysiging van regulasie 1 van die Regulasies

2. Regulasie 1 van die Regulasies word hierby gewysig—

- (a) deur die omskrywing van "besending" deur die volgende omskrywing te vervang:
 " **'besending'** —
- (a) 'n hoeveelheid koring van dieselfde klas, wat aan dieselfde eienaar behoort, wat op 'n bepaalde tydstip afgelewer word onder dekking van dieselfde vragbrief, afleweringbrief of ontvangsbewys, of gelewer word deur dieselfde voertuig of losmaathouer, of wat uit dieselfde buis van 'n graansuier of 'n skeepsruim gelaai word; of
- (b) in die geval waar 'n hoeveelheid in paragraaf (a) bedoel, ingedeel is in verskillende subklasse of grade, elke sodanige hoeveelheid van elk van die verskillende subklasse of grade;";
- (b) deur die omskrywing van "beskadigde korrels" deur die volgende omskrywing te vervang:
 " **'beskadigde korrels'** koringkorrels en stukkie koringkorrels—
- (a) wat deur insekte beskadig is;
- (b) wat deur hitte van buite of as gevolg van hitte deur binnegisting in koring met 'n oormaat vog duidelik oranje-bruin, donkerbruin of swart, met uitsondering van koringkorrels ten opsigte waarvan die verkleuring tot die kiem-end beperk is;
- (c) wat onryp is en 'n duidelike groen kleur het; en
- (d) waarin ontkieming tot so 'n mate gevorder het dat die vel wat die kiem bedek, gebreek is of die ontwikkelende worteltjies duidelik sigbaar is;";
- (c) deur die omskrywing van "erg rypbeskadigde korrels" deur die volgende omskrywing te vervang:
 " **'erg rypbeskadigde koring'**—
- (a) koringkorrels wat gedurende die melk- tot sagte deegstadium deur strawwe ryp beskadig is en wat gekenmerk word deur korrels wat taamlik vet, maar heeltemal tot in die groef met klein blasies bedek is, met uitsondering van—
- (i) korrels waarvan net die rugkant met blasies bedek is; en
- (ii) onryp gerimpelde korrels waarin rimpeling deur ryp veroorsaak is terwyl die korrels nog onryp was; en
- (b) koringkorrels met 'n effens afgeskilferde semelskil as gevolg van ryp: Met dien verstande dat bewys van rypskade teenwoordig is en dat die semelskil nie afgevyf is as gevolg van hantering nie;";
- (d) deur die volgende omskrywing na die omskrywing van "ongedorste are" in te voeg:
 " **'opbergingswambesmette korrels'** koringkorrels wat sigbaar met swamme besmet is, en wat—
- (a) blou, groen, swartagtige of geel swamgroeie enige plek op die korrel vertoon; of
- (b) sigbare swamgroeie onder die semel vertoon;";
- (e) deur die omskrywing van "stinkbrandbesmetting" deur die volgende omskrywing te vervang:
 " **'stinkbrand-besmetting'** koring wat—
- (a) met *Tilletia spp.* besmet is, met uitsondering van koring wat met *Tilletia indica* besmet is; of
- (b) 'n onmiskenbare stinkbrandreuk het; of
- (c) koringkorrels bevat wat met stinkbrand besmeer is; of
- (d) meer as vier stinkbrandballe of stukkie bal gelyk aan vier stinkbrandballe per 100 g koring bevat;";
- (f) deur die omskrywing van "uitgeloopde korrels" te skrap;
- (g) deur die volgende omskrywing na die omskrywing van "valgetal" in te voeg:
 " **'veldswambesmette korrels'** koringkorrels wat sigbaar met swamme besmet is, en wat—
- (a) grysagtige kwas-ente het; of
- (b) as gevolg van *Fusarium*-besmetting 'n dowwe lewelose, krytagtige of pienkerige en verkrimpte voorkoms het;"; en
- (h) deur die omskrywing van "vreemde stowwe" deur die volgende omskrywing te vervang:
 " **'vreemde voorwerpe'** alle materiaal, uitgesonderd koring, ander graan en ongedorste are."

Wysiging van regulasie 4 van die Regulasies

3. Regulasie 4 van die Regulasies word hierby gewysig deur subregulasie (1) deur die volgende subregulasie te vervang:

"(1) Nieteenstaande die bepalings van subregulasies (2), (3), (4) en (5), moet alle besendings koring—

- (a) vry wees van enige toksiene, chemiese of ander stowwe wat dit ongeskik vir kommersiële doeleindes maak: Met dien verstande dat hoogstens 10 mikrogram per kilogram aflatoksin waarvan aflatoksin B1 hoogstens 5 mikrogram per kilogram uitmaak, toelaatbaar is;
- (b) nie meer skadelike sade of ergot sclerotia bevat as wat toegelaat word kragtens die Wet op Voedingsmiddels, Skoonheidsmiddels en Ontsmettingsmiddels, 1972 (Wet No. 54 van 1972) nie;

- (c) vry wees van organismes van fitosanitêre belang soos bepaal word kragtens die Wet op Landbouplae, 1983 (Wet No. 36 van 1983);
- (d) vry wees van swambesmette, suur- en galsterige ander graan, vreemde voorwerpe en enige ander materiaal;
- (e) vry wees van enige reuk, smaak of kleur wat nie eie aan ongeskonde en gesonde koring is nie;
- (f) met die uitsondering van Klas Ander Koring, vry wees van insekte;
- (g) met die uitsondering van Klas Ander Koring, vry wees van stinkbrandbesmetting; en
- (h) met die uitsondering van Klas Ander Koring, 'n voginhoud van hoogstens 13 persent hê;".

Wysiging van regulasie 6 van die Regulasies

4. Regulasie 6 van die Regulasies word hierby gewysig deur paragraaf (c) van subregulasie (3) deur die volgende paragraaf te vervang:

"(c) Nieteenstaande die bepalings van paragraaf (a) word koring geag aan die toepaslike vereistes van die betrokke paragrawe te voldoen indien dit nie meer as 30 sekondes laer is as die minimum voorgeskryf vir Super Graad, Graad 1, Graad 2 en Utiliteitsgraad, na gelang van die geval, afwyk nie."

Wysiging van regulasie 11 van die Regulasies

5. Regulasie 11 van die Regulasies word hierby gewysig deur subregulasie (2) te skrap.

Wysiging van regulasie 14 van die Regulasies

6. Regulasie 14 van die Regulasies word hierby gewysig deur paragraaf (b) van subregulasie (3) deur die volgende paragraaf te vervang:

"(b) Vul die tregter met ongesifte koring wat verkry is vanaf die monster van die besending en skraap dit af sodat die tregter net gelyk vol is: Met dien verstande dat 'n skoon monster, wat vry van ander graan, ongedorste are, sifsels en vreemde voorwerpe is, gebruik moet word indien gradering op skoon basis uitgevoer word."

Vervanging van regulasie 16 van die Regulasies

7. Regulasie 16 van die Regulasies word hierby deur die volgende regulasie vervang:

"16. (1) Die voginhoud van 'n besending koring kan volgens enige geskikte metode bepaal word: Met dien verstande dat die resultate so verkry in ooreenstemming ($\pm 0,3$ persent) is met die resultate verkry deur die 72 uur lugoondmetode by $103\text{ }^{\circ}\text{C}$ soos beskrywe in subregulasie (2).

- (2) Die voginhoud van koringkorrels volgens die 72 uur lugoondmetode by $103\text{ }^{\circ}\text{C}$ word soos volg bepaal:
 - (a) Gebruik die apparate voorgeskryf volgens AACCC metode 44-15A nommer 3 tot 6.
 - (b) Weeg twee of meer leë bakkies en deksels en teken die massa aan tot $0,0001\text{ g}$ (D).
 - (c) Weeg ongeveer 15 g ongemaalde koringkorrels in elke bakkie en teken die massa aan tot $0,0001\text{ g}$ (A).
 - (d) Bedek die bakkies met deksels.
 - (e) Plaas die bakkies op 'n enkele rak in 'n oond wat vooraf verhit is tot $103 \pm 1^{\circ}\text{C}$. Met plasing van bakkies in die oond, maak die bakkies oop en plaas die deksels langs die bakkies.
 - (f) Begin tydsbepaling sodra die oond weer die verlangde temperatuur bereik het.
 - (g) Plaas die deksels na 72 uur op die bakkies en haal die bakkies een vir een uit die oond en plaas hulle dadelik in 'n dessikator (moenie stapel nie).
 - (h) Laat die bakkies in die dessikator afkoel vir 45 tot 60 minute.
 - (i) Haal die bakkies een vir een uit die dessikator, weeg (B) en bereken die verlies in massa (A - B).
 - (j) Gebruik die volgende vergelyking om die vogpersentasie te bepaal:

Berekening:

$$\text{Vergelyking: \% vog} = \frac{(A - B)}{C} \times 100$$

A = Massa van monster voor droging met inbegrip van die massa van bakkie en deksel.

B = Massa van monster na droging met inbegrip van die massa van bakkie en deksel.

C = Massa van monster voor droging uitgesonderd massa van bakkie en deksel voor droging (A - D).

- (k) As die resultate van die herhalings met meer as $0,2\%$ verskil, herhaal, op nuwe monsters, stappe (a), (b), (c), (d), (e), (f), (g), (h), (i) en (j)."

Vervanging van regulasie 17 van die Regulasies

8. Regulasie 17 van die Regulasies word hierby deur die volgende regulasie vervang:

"17. Die persentasie proteïene van 'n besending koring kan volgens enige geskikte metode bepaal word: Met dien verstande dat—

- (a) die bepaling gedoen word op 'n monster wat oor die 1,786 mm gesif is en waarvan ander graan, ongedorste are en vreemde voorwerpe met die hand verwyder is; en
- (b) die resultate aldus verkry in ooreenstemming ($\pm 0,3$ persent) is met die resultate verkry deur die Dumas ontbrandingsanalise metode [AACC ("American Association of Cereal Chemists") Metode 46/30/1995]."

Wysiging van regulasie 18 van die Regulasies

9. Regulasie 18 van die Regulasies word hierby gewysig deur—

(a) subregulasie 1 deur die volgende subregulasie te vervang:

- "(1) Die valgetal van 'n besending koring kan volgens enige geskikte metode bepaal word: Met dien verstande dat—

- (a) die bepaling op 'n monster en wat oor die 1,786 mm gesif is waarvan ander graan, ongedorste are en vreemde voorwerpe met die hand verwyder is; en

- (b) die resultate aldus verkry in ooreenstemming (± 5 persent) is met die resultate verkry deur die ICC ("International Association for Cereal Chemistry")—Standaard No. 107/1 Goedgekeur: 1968, Hersien: 1995 metode.";

(b) paragraaf (a) van subregulasie (2) deur die volgende paragraaf te vervang:

"(a) monsterneming in genoemde metode met die wyse voorgeskryf in regulasie 9, vervang;" en

(c) paragraaf (c) van subregulasie (2) deur die volgende paragraaf te vervang:

"(c) 'n maksimum afwyking van 30 sekondes toegelaat."

(d) subregulasie (3) deur die volgende subregulasie te vervang:

"(3) Indien die valgetal van 'n besending koring in die geval van Supergraad, Graad 1 en Graad 2 laer is as die minimum soos in regulasie 6 (3) (a) uiteengesit en met inagneming van regulasie 6 (3) (c); of in die geval van Utiliteitsgraad laer as 150 sekondes is, en alvorens 'n besending afgegradeer word,—

- (a) moet 'n addisionele bepaling van valgetal op dieselfde werkmonster gedoen word;

- (b) moet die gemiddelde valgetal bereken word;

- (c) moet, wanneer die gemiddelde valgetal steeds laer as die voorgeskrewe minimum vir die betrokke graad is, 'n addisionele bepaling op 'n ander werkmonster gedoen word; en

- (d) moet die gemiddeld van al die lesings as die valgetal van die betrokke besending geag word."

Wysiging van regulasie 19 van die Regulasies

10. Regulasie 19 van die Regulasies word hierby gewysig deur die volgende subregulasie na subregulasie (1) in te voeg:

"(1A) Alvorens die bepaling van enige graderingsfaktor wat op 'n gesifte monster uitgevoer moet word, plaasvind, moet daardie gesifte monster deeglik gemeng word: Met dien verstande dat alle materiaal wat nie deur die sif gegaan het nie, die gesifte monster verteenwoordig."

Skrapping van regulasie 20 van die Regulasies

11. Regulasie 20 van die Regulasies word hierby geskrap.

Skrapping van regulasie 24 van die Regulasies

12. Regulasie 24 van die Regulasie word hierby geskrap.

Wysiging van regulasie 26 van die Regulasies

13. Regulasie 26 van die Regulasies word hierby gewysig deur die paragraaf (b) deur die volgende paragraaf te vervang:

"(b) Verwyder alle hittebeskadigde korrels met die hand en bepaal die massa van die hittebeskadigde korrels in elk van die betrokke duplikaatwerkmonsters. Korrels van 'n addisionele werkmonster mag ook sintuiglik ondersoek word (deur aan korrels te ruik en te proe) om vermoede van hittebeskadiging te bevestig."

Vervanging van regulasie 27 van die Regulasies

14. Die Regulasies word hierby gewysig deur regulasie 27 deur die volgende regulasie te vervang:

"Bepaling van veld- en opbergingswambesmette korrels

27. Die persentasie veld- en opbergingswambesmette korrels in 'n besending koring word soos volg bepaal:

- (a) Verkry twee werkmonsters van minstens 75 g elk van 'n gesifte monster.

- (b) Verwyder alle veld- en opbergingswambesmette korrels onderskeidelik met die hand en bepaal afsonderlik die massa van die veld- en opbergingswambesmette korrels in elk van die betrokke werkmonsters.

- (c) Druk die massa aldus bepaal vir veld- en opbergingswambesmette korrels onderskeidelik uit as 'n persentasie van die totale massa van die betrokke werkmonster.

- (d) Indien die persentasie van die werkmonsters met meer as 0,2 persent verskil moet 'n addisionele bepaling op 'n ander werkmonster gedoen word en is die bepaling van paragrafe (a), (b) en (c) *mutatis mutandis* op die addisionele monster van toepassing.

- (e) Bepaal die gemiddelde van die persentasies veld- en opbergingswambesmette korrels onderskeidelik in paragraaf (c) of (d), na gelang van die geval, verkry.
- (f) Sodanige gemiddeld verteenwoordig die persentasie veld- en opbergingswambesmette korrels onderskeidelik in die betrokke besending.”.

Vervanging van Tabel 1 van die Aanhangsel van die Regulasies.

15. Tabel 1 van die Aanhangsel van die Regulasies word hierby deur die volgende tabel vervang:

ANNEXURE • AANHANGSEL

TABLE 1 • TABEL 1

**STANDARDS FOR GRADES OF CLASS BREAD WHEAT, CLASS BISCUIT WHEAT AND CLASS DURUM WHEAT
STANDAARDE VIR GRADE VAN KLAS BROODKORING, KLAS BESKUITJIEKORING EN KLAS DURUMKORING**

Nature of deviation Aard van afwyking	Maximum percentage permissible deviation (m/m) Maksimum persentasie toelaatbare afwyking (m/m)			
	Super Grade Super Graad	Grade 1 Graad 1	Grade 2 Graad 2	Utility Grade Utiliteitsgraad
	2	3	4	5
(a) Heavily frost-damaged kernels/Erg rybeskadigde korrels [Reg.21]	5	5	5	10
(b) Field fungi infected kernels/Veldswambesmette korrels [Reg.27]	2	2	2	2
(c) Storage fungi infected kernels/Opbergingswambesmette korrels [Reg. 27]	0,5	0,5	0,5	0,5
(d) Screenings/Sifsels [Reg.19]	3	3	3	10
(e) Other grain and unthreshed ears/Ander graan en ongedorste are [Reg 22]	1	1	1	
(f) Gravel, stones, turf and glass/Gruis, klippies, turf en glas..... [Reg. 23]	0,5	0,5	0,5	0,5
(g) Foreign matter including gravel, stones, turf and glass: Provided that such deviations are individually within the limits specified in item (f)/Vreemde voorwerpe met inbegrip van gruis, klippies, turf en glas: Met dien verstande dat sodanige afwykings individueel binne die perke is in item (f) aangegee..... [Reg.23]	1	1	1	3
(h) Heat-damaged kernels/Hittebeskadigde korrels [Reg. 26]	0,5	0,5	0,5	0,5
(I) Damaged kernels, including heat-damaged kernels: Provided that such deviations are individually within the limit specified in item (h) and provided further that the minimum falling number value prescribed in regulation 6 (3) for the grade concerned is at least complied with/Beskadigde korrels met inbegrip van hittebeskadigde korrels: Met dien verstande dat sodanige afwyking individueel binne die perke is in item (h) aangegee en met dien verstande voorts dat minstens aan die minimum valgetalwaarde in regulasie 6 (3) vir die betrokke graad voorgeskryf, voldoen word [Reg 25]	2	2	2	5

Nature of deviation Aard van afwyking	Maximum percentage permissible deviation (m/m) Maksimum persentasie toelaatbare afwyking (m/m)			
	Super Grade Super Graad	Grade 1 Graad 1	Grade 2 Graad 2	Utility Grade Utiliteitsgraad
	2	3	4	5
(j) Deviations in items (d), (e), (g) and (i) collectively: Provided that such deviations are individually within the limits of the said items/Afwykinge in items (d), (e), (g) en (i) gesamentlik: Met dien verstande dat sodanige afwykinge individueel binne die perke van genoemde items is	5	5	5	10