

**EN**  
**ANNEX**  
**‘ANNEX I**

**MARKETING STANDARDS REFERRED TO IN ARTICLE 3**

**Part A – General marketing standard**

The purpose of this general marketing standard is to define the quality requirements for fruit and vegetables, after preparation and packaging.

However, at stages following dispatch products may show in relation to the requirements of the standard:

- a slight lack of freshness and turgidity,
- a slight deterioration due to their development and their tendency to perish.

**1. Minimum requirements**

Subject to the tolerances allowed, the products shall be:

- intact,
- sound; products affected by rotting or deterioration such as to make them unfit for consumption are excluded,
- clean, practically free of any visible foreign matter,
- practically free from pests,
- free from damage caused by pests affecting the flesh,
- free of abnormal external moisture,
- free of any foreign smell and/or taste.

The condition of the products must be such as to enable them:

- to withstand transportation and handling,
- to arrive in satisfactory condition at the place of destination.

**2. Minimum maturity requirements**

The products must be sufficiently developed, but not overdeveloped, and fruit must display satisfactory ripeness and must not be overripe.

The development and state of maturity of the products must be such as to enable them to continue their ripening process and to reach a satisfactory degree of ripeness.

**3. Tolerance**

A tolerance of 10 % by number or weight of product not satisfying the minimum quality requirements shall be permitted in each lot. Within this tolerance not more than 2 per cent in total may consist of produce affected by decay.

**4. Marking**

Each package<sup>1</sup> must bear the following particulars, in letters grouped on the same side, legibly and indelibly marked, and visible from the outside.

*A. Identification*

Name and physical address of the packer and/or the dispatcher (for example: street/city/region/postal code and, if different from the country of origin, the country).

This mention may be replaced:

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<sup>1</sup> These marking provisions do not apply to sales packages presented in packages. However, they do apply to sales packages presented separately.

- for all packages with the exception of pre-packages, by the officially issued or accepted code mark representing the packer and/or the dispatcher, indicated in close connection with the reference ‘Packer and/or Dispatcher’ (or equivalent abbreviations). The code mark shall be preceded by the ISO 3166 (alpha) country/area code of the recognising country, if not the country of origin;
- for pre-packages only, by the name and the address of a seller established within the Union indicated in close connection with the mention ‘Packed for:’ or an equivalent mention. In this case, the labelling shall also include a code representing the packer and/or the dispatcher. The seller shall give all information deemed necessary by the inspection body as to the meaning of this code.

**B. Origin**

Full name of the country of origin<sup>2</sup>. For products originating in a Member State this shall be in the language of the country of origin or any other language understandable by the consumers of the country of destination. For other products, this shall be in any language understandable by the consumers of the country of destination.

Packages need not to bear the particulars mentioned in the first subparagraph, when they contain sales packages, clearly visible from the outside, and all bearing these particulars. These packages shall be free from any indications such as could mislead. When these packages are palletised, the particulars shall be given on a notice placed in an obvious position on at least two sides of the pallet.

**Part B – Specific marketing standards**

**PART 1: MARKETING STANDARD FOR APPLES**

**I. DEFINITION OF PRODUCE**

This standard applies to apples of varieties (cultivars) grown from *Malus domestica* Borkh., to be supplied fresh to the consumer, apples for industrial processing being excluded.

**II. PROVISIONS CONCERNING QUALITY**

The purpose of the standard is to define the quality requirements for apples, after preparation and packaging.

However, at stages following dispatch products may show in relation to the requirements of the standard:

- a slight lack of freshness and turgidity,
- for products graded in classes other than the “Extra” Class, a slight deterioration due to their development and their tendency to perish.

**A. Minimum requirements**

In all classes, subject to the special provisions for each class and the tolerances allowed, apples must be:

- intact,
- sound; produce affected by rotting or deterioration such as to make it unfit for consumption is excluded,
- clean, practically free of any visible foreign matter,
- practically free from pests,
- free from damage caused by pests affecting the flesh,
- free from serious watercore, except for varieties marked with "V" listed in the appendix to this standard,

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<sup>2</sup> The full or commonly used name shall be indicated.

- free of abnormal external moisture,
- free of any foreign smell and/or taste.

The development and condition of the apples must be such as to enable them:

- to withstand transportation and handling, and
- to arrive in satisfactory condition at the place of destination.

## **B. Maturity requirements**

The apples must be sufficiently developed, and display satisfactory ripeness.

The development and state of maturity of the apples must be such as to enable them to continue their ripening process and to reach the degree of ripeness required in relation to the varietal characteristics.

In order to verify the minimum maturity requirements, several parameters may be considered (for example morphological aspect, taste, firmness and refractometric index).

## **C. Classification**

Apples are classified in three classes defined below.

### (i) “Extra” Class

Apples in this class must be of superior quality. They must be characteristic of the variety<sup>3</sup> and with the stalk which must be intact.

Apples must express the following minimum surface colour characteristic of the variety:

- 3/4 of total surface red coloured in case of colour group A,
- 1/2 of total surface mixed red coloured in case of colour group B,
- 1/3 of total surface slightly red coloured, blushed or striped in case of colour group C,
- no minimum colour requirement in case of colour group D.

The flesh must be perfectly sound.

They must be free from defects with the exception of very slight superficial defects provided these do not affect the general appearance of the produce, the quality, the keeping quality and presentation in the package:

- very slight skin defects,
- very slight russeting<sup>4</sup> such as:
  - brown patches that may not go outside the stem cavity and may not be rough and/or
  - slight isolated traces of russeting.

### (ii) Class I

Apples in this class must be of good quality. They must be characteristic of the variety<sup>5</sup>.

Apples must express the following minimum surface colour characteristic of the variety:

- 1/2 of total surface red coloured in case of colour group A,
- 1/3 of total surface mixed red coloured in case of colour group B,
- 1/10 of total surface slightly red coloured, blushed or striped in case of colour group C,
- no minimum colour requirement in case of colour group D.

<sup>3</sup> A non-exhaustive list of varieties providing a classification on colouring and russeting is set out in the appendix to this standard.

<sup>4</sup> Varieties marked with “R” in the appendix to this standard are exempt from the provisions on russeting.

<sup>5</sup> A non-exhaustive list of varieties providing a classification on colouring and russeting is set out in the appendix to this standard.

The flesh must be perfectly sound.

The following slight defects, however, may be allowed, provided these do not affect the general appearance of the produce, the quality, the keeping quality and presentation in the package:

- a slight defect in shape,
- a slight defect in development,
- a slight defect in colouring,
- slight bruising not exceeding 1 cm<sup>2</sup> of total surface area and not discoloured,
- slight skin defects which must not extend over more than:
  - 2 cm in length for defects of elongated shape,
  - 1 cm<sup>2</sup> of total surface area for other defects, with the exception of scab (*Venturia inaequalis*), which must not extend over more than 0,25 cm<sup>2</sup> , cumulative, in area,
- slight russetting<sup>6</sup> such as:
  - brown patches that may go slightly beyond the stem or pistil cavities but may not be rough and/or
  - thin net-like russetting not exceeding 1/5 of the total fruit surface and not contrasting strongly with the general colouring of the fruit and/or
  - dense russetting not exceeding 1/20 of the total fruit surface, while
  - thin net-like russetting and dense russetting taken together may not exceed a maximum of 1/5 of the total surface of the fruit.

The stalk may be missing, provided the break is clean and the adjacent skin is not damaged.

(iii) Class II

This class includes apples which do not qualify for inclusion in the higher classes but satisfy the minimum requirements specified above.

The flesh must be free from major defects.

The following defects may be allowed, provided the apples retain their essential characteristics as regards the quality, the keeping quality and presentation:

- defects in shape,
- defects in development,
- defects in colouring,
- slight bruising not exceeding 1,5 cm<sup>2</sup> in area which may be slightly discoloured,
- skin defects which must not extend over more than:
  - 4 cm in length for defects of elongated shape,
  - 2,5 cm<sup>2</sup> of total surface area for other defects, with the exception of scab (*Venturia inaequalis*), which must not extend over more than 1 cm<sup>2</sup> , cumulative, in area;
- slight russetting<sup>7</sup> such as
  - brown patches that may go beyond the stem or pistil cavities and may be slightly rough and/or
  - thin net-like russetting not exceeding 1/2 of the total fruit surface and not contrasting strongly with the general colouring of the fruit and/or
  - dense russetting not exceeding 1/3 of the total fruit surface, while

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<sup>6</sup> Varieties marked with “R” in the appendix to this standard are exempt from the provisions on russetting.

<sup>7</sup> Varieties marked with “R” in the appendix to this standard are exempt from the provisions on russetting.

- thin net-like russeting and dense russeting taken together may not exceed a maximum of 1/2 of the total surface of the fruit.

### III. PROVISIONS CONCERNING SIZING

Size is determined either by the maximum diameter of the equatorial section or by weight.

The minimum size shall be 60 mm, if measured by diameter or 90 g, if measured by weight. Fruit of smaller sizes may be accepted, if the Brix level<sup>8</sup> of the produce is equal to or greater than to 10,5° Brix and the size is not smaller than 50 mm or 70 g.

To ensure the uniformity in size, the range in size between produce in the same package shall not exceed:

- (a) for fruit sized by diameter:
- 5 mm for the “Extra” Class fruit and for Classes I and II fruit packed in rows and layers. However, for apples of the varieties Bramley’s Seedling (Bramley, Triomphe de Kiel) and Horneburger, the difference in diameter may amount to 10 mm, and
  - 10 mm for Class I fruit packed in sales packages or loose in the package. However, for apples of the varieties Bramley’s Seedling (Bramley, Triomphe de Kiel) and Horneburger, the difference in diameter may amount to 20 mm.
- (b) for fruit sized by weight:
- For the “Extra” Class and Classes I and II apples packed in rows and layers:

Range (g)	Weight difference (g)
70-90	15 g
91-135	20 g
136-200	30 g
201-300	40 g
> 300	50 g

- For Class I fruit packed in sales packages or loose in the package:

Range (g)	Uniformity (g)
70-135	35
136-300	70
> 300	100

There is no sizing uniformity requirement for Class II fruit packed in sales packages or loose in the package.

Varieties of miniature apples, marked with an “M” in the appendix to this standard, are exempted from the sizing provisions. Those miniature varieties must have a minimum Brix level<sup>9</sup> of 12°.

<sup>8</sup> Calculated as described in the OECD guidance on objective tests, available at: <http://www.oecd.org/agriculture/fruit-vegetables/publications>.

<sup>9</sup> Calculated as described in the OECD guidance on objective tests, available at: <http://www.oecd.org/agriculture/fruit-vegetables/publications>.

#### **IV. PROVISIONS CONCERNING TOLERANCES**

At all marketing stages, tolerances in respect of quality and size shall be allowed in each lot for produce not satisfying the requirements of the class indicated.

##### **A. Quality tolerances**

(i) “Extra” Class

A total tolerance of 5 per cent, by number or weight, of apples not satisfying the requirements of the class, but meeting those of Class I is allowed. Within this tolerance not more than 0.5 per cent in total may consist of produce satisfying the requirements of Class II quality.

(ii) Class I

A total tolerance of 10 per cent, by number or weight, of apples not satisfying the requirements of the class, but meeting those of Class II is allowed. Within this tolerance not more than 1 per cent in total may consist of produce satisfying neither the requirements of Class II quality nor the minimum requirements, or of produce affected by decay.

(iii) Class II

A total tolerance of 10 per cent, by number or weight, of apples satisfying neither the requirements of the class nor the minimum requirements is allowed. Within this tolerance not more than 2 per cent in total may consist of produce affected by decay.

##### **B. Size tolerances**

For all classes: a total tolerance of 10 per cent, by number or weight, of apples not satisfying the requirements as regards sizing is allowed. This tolerance may not be extended to include produce with a size:

- 5 mm or more below the minimum diameter,
- 10 g or more below the minimum weight.

#### **V. PROVISIONS CONCERNING PRESENTATION**

##### **A. Uniformity**

The contents of each package must be uniform and contain only apples of the same origin, variety, quality and size (if sized) and the same degree of ripeness.

In the case of the “Extra” Class, uniformity also applies to colouring.

However, a mixture of apples of distinctly different varieties may be packed together in a sales package provided they are uniform in quality and, for each variety concerned, in origin. Uniformity in size is not required.

The visible part of the contents of the package must be representative of the entire contents.

##### **B. Packaging**

The apples must be packed in such a way as to protect the produce properly. In particular, sales packages of a net weight exceeding 3 kg shall be sufficiently rigid to ensure proper protection of the produce.

The materials used inside the package must be clean and of a quality such as to avoid causing any external or internal damage to the produce. The use of materials, particularly of paper or stamps bearing trade specifications is allowed, provided the printing or labelling has been done with non-toxic ink or glue.

Stickers individually affixed on the produce shall be such that, when removed, they neither leave visible traces of glue, nor lead to skin defects. Information lasered on single fruit should not lead to flesh or skin defects.

Packages must be free of all foreign matter.

## VI. PROVISIONS CONCERNING MARKING

Each package<sup>10</sup> must bear the following particulars, in letters grouped on the same side, legibly and indelibly marked, and visible from the outside.

### A. Identification

Name and physical address of the packer and/or the dispatcher (for example street/city/region/postal code and, if different from the country of origin, the country).

This mention may be replaced:

- for all packages with the exception of pre-packages, by the officially issued or accepted code mark representing the packer and/or the dispatcher, indicated in close connection with the reference 'Packer and/or Dispatcher' (or equivalent abbreviations). The code mark shall be preceded by the ISO 3166 (alpha) country/area code of the recognising country, if not the country of origin;
- for pre-packages only, by the name and the address of a seller established within the Union indicated in close connection with the mention 'Packed for:' or an equivalent mention. In this case, the labelling shall also include a code representing the packer and/or the dispatcher. The seller shall give all information deemed necessary by the inspection body as to the meaning of this code.

### B. Nature of produce

- 'Apples' if the contents are not visible from the outside.
- Name of the variety. In the case of a mixture of apples of distinctly different varieties, names of the different varieties.  
The name of the variety may be replaced by a synonym. A trade name<sup>11</sup> may only be given in addition to the variety or the synonym.  
In the case of mutants with varietal protection, this variety name may replace the basic variety name. In case of mutants without varietal protection, this mutant name may only be indicated in addition to the basic variety name.
- "Miniature variety", where appropriate.

### C. Origin of produce

Country of origin<sup>12</sup> and, optionally, district where grown, or national, regional or local place name.

In the case of a mixture of distinctly different varieties of apples of different origins, the indication of each country of origin shall appear next to the name of the variety concerned.

### D. Commercial specifications

- Class
- Size, or for fruit packed in rows and layers, number of units.

If identification is by the size, this should be expressed:

- (a) for produce subject to the uniformity rules, as minimum and maximum diameters or minimum and maximum weights;
- (b) optionally, for produce not subject to the uniformity rules, as the diameter or the weight of the smallest fruit in the package followed by 'and over' or equivalent denomination or, where appropriate, followed by the diameter or weight of the largest fruit in the package.

**E. Official control mark (optional)** Packages need not to bear the particulars mentioned in the first subparagraph, when they contain sales packages, clearly visible from the outside, and all bearing these particulars. These packages shall be free from any indications such as

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<sup>10</sup> These marking provisions do not apply to sales packages presented in packages. However, they do apply to sales packages presented separately.

<sup>11</sup> A trade name can be a trade mark for which protection has been sought or obtained, or any other commercial denomination.

<sup>12</sup> The full or commonly used name shall be indicated.

could mislead. When these packages are palletised, the particulars shall be given on a notice placed in an obvious position on at least two sides of the pallet.

## Appendix

### Non-exhaustive list of apple varieties

Fruits of varieties that are not part of the list must be graded according to their varietal characteristics.

Some of the varieties listed in the following table may be marketed under names for which trademark protection has been sought or obtained in one or more countries. The three first columns of the table hereunder do not intend to include such trademarks. References to known trademarks have been included in the fourth column for information only.

Legend:

M = miniature variety

R = russet variety

V = watercore

\* = mutant without varietal protection but linked to a registered/protected trademark; mutants not marked with the asterisk are protected varieties

Varieties	Mutant	Synonyms	Trademarks	Colour group	Additional specifications
African Red			African Carmine <sup>TM</sup>	B	
Akane		Tohoku 3, Primerouge		B	
Alkmene		Early Windsor		C	
Alwa				B	
Amasya				B	
Ambrosia			Ambrosia ®	B	
Annurca				B	
Ariane			Les Naturianes ®	B	
Arlet		Swiss Gourmet		B	R
AW 106			Sapora ®	C	
Belgica				B	
Belle de Boskoop		Schone van Boskoop, Goudreinette		D	R
	Boskoop rouge	Red Boskoop, Roter Boskoop, Rode Boskoop		B	R
	Boskoop Valastrid			B	R
Berlepsch		Freiherr von Berlepsch		C	
	Berlepsch rouge	Red Berlepsch, Roter Berlepsch		B	

Bonita				A	
Braeburn				B	
	Hidala		Hillwell ®	A	
	Joburn		Aurora ™, Red Braeburn ™, Southern Rose ™	A	
	Lochbuie Red Braeburn			A	
	Mahana Red Braeburn		Redfield ®	A	
	Mariri Red		Eve ™, Aporo ®	A	
	Royal Braeburn			A	
Bramley's Seedling		Bramley, Triomphe de Kiel		D	
Cardinal				B	
Caudle			Cameo ®, Camela®	B	
	Cauflight		Cameo ®, Camela®	A	
CIV323			Isaaq ®	B	
CIVG198			Modi ®	A	
Civni			Rubens ®	B	
Collina				C	
Coop 38			Goldrush ®, Delisdor ®	D	R
Coop 39			Crimson Crisp ®	A	
Coop 43			Juliet ®	B	
Coromandel Red		Corodel		A	
Cortland				B	
Cox's Orange Pippin		Cox orange, Cox's O.P.		C	R
Cripps Pink			Pink Lady ®, Flavor Rose ®	C	
	Lady in Red		Pink Lady ®	B	
	Rosy Glow		Pink Lady ®	B	

	Ruby Pink			B	
Cripps Red			Sundowner™, Joya®	B	
Dalinbel			Antares®	B	R
Dalitron			Altess®	D	
Delblush			Tentation®	D	
Delcorf			Delbarestivale®	C	
	Celeste			B	
	Bruggers Festivale		Sissired®	A	
	Dalili		Ambassy®	A	
	Wonik*		Appache®	A	
Delcoros			Autento®	A	
Delgollune			Delbard Jubilé®	B	
Delicious ordinaire		Ordinary Delicious		B	
Discovery				C	
Dykman's Zoet				C	
Egremont Russet				D	R
Elise		De Roblos, Red Delight		A	
Elstar				C	
	Bel-El		Red Elswout®	C	
	Daliest		Elista®	C	
	Daliter		Elton™	C	
	Elshof			C	
	Elstar Boerekamp		Excellent Star®	C	
	Elstar Palm		Elstar PCP®	C	
	Goedhof		Elnica®	C	
	Red Elstar			C	

	RNA9842		Red Flame ®	C	
	Valstar			C	
	Vermuel		Elrosa ®	C	
Empire				A	
Fengapi			Tessa ®	B	
Fiesta		Red Pippin		C	
Fresco			Wellant ®	B	R
Fuji				B	V
	Aztec		Fuji Zhen ®	A	V
	Brak		Fuji Kiku ® 8	B	V
	FUCIV51		SAN-CIV ®	A	V
	Fuji Fubrax		Fuji Kiku ® Fubrax	B	V
	Fuji Supreme			A	V
	Fuji VW		King Fuji ®	A	V
	Heisei Fuji		Beni Shogun ®	A	V
	Raku-Raku			B	V
Gala				C	
	Alvina			A	
	ANABP 01		Bravo ™	A	
	Baigent		Brookfield ®	A	
	Bigigalaprim		Early Red Gala ®	A	
	Devil Gala			A	
	Fengal		Gala Venus	A	
	Gala Schnico		Schniga ®	A	
	Gala Schnico Red		Schniga ®	A	
	Galafresh		Breeze ®	A	
	Galaval			A	
	Galaxy		Selekta ®	B	
	Gilmac		Neon ®	A	

	Imperial Gala			B	
	Jugala			B	
	Mitchgla		Mondial Gala ®	B	
	Natali Gala			B	
	Regal Prince		Gala Must ®	B	
	Royal Beaut			A	
	Simmons		Buckeye ® Gala	A	
	Tenroy		Royal Gala ®	B	
	ZoukG1		Gala One®	A	
Galmac			Camelot ®	B	
Gloster				B	
Golden 972				D	
Golden Delicious		Golden		D	
	CG10 Yellow Delicious		Smothee ®	D	
	Golden Delicious Reinders		Reinders ®	D	
	Golden Parsi		Da Rosa ®	D	
	Leratess		Pink Gold ®	D	
	Quemoni		Rosagold ®	D	
Goldstar			Rezista Gold Granny ®	D	
Gradigold			Golden Supreme™, Golden Extreme™	D	
Gradiyel			Goldkiss ®	D	
Granny Smith				D	
	Dalivair		Challenger ®	D	
Gravensteiner		Gravenstein		D	
GS 66			Fräulein ®	B	
HC2-1			Easy pep's! Zingy ®	A	
Hokuto				C	

Holsteiner Cox		Holstein		C	R
Honeycrisp			Honeycrunch ®	C	
Horneburger				D	
Idared				B	
	Idaredest			B	
	Najdared			B	
Ingrid Marie				B	R
Inored			Story ®, LoliPop ®	A	
James Grieve				D	
Jonagold				C	
	Early Jonagold		Milenga ®	C	
	Dalyrian			C	
	Decosta			C	
	Jonagold Boerekamp		Early Queen ®	C	
	Jonagold Novajo	Veulemanns		C	
	Jonagored		Morren's Jonagored ®	C	
	Jonagored Supra		Morren's Jonagored ® Supra ®	C	
	Red Jonaprince		Wilton's ®, Red Prince ®	C	
	Rubinstar			C	
	Schneica	Jonica		C	
	Vivista			C	
Jonathan				B	
Karmijn de Sonnaville				C	R
Kizuri			Morgana ®	B	
Ladina				B	
La Flamboyante			Mairac ®	B	

Laxton's Superb				C	R
Ligol				B	
Lobo				B	
Lurefresh			Redlove ® Era ®	A	
Lureprec			Redlove ® Circe ®	A	
Luregust			Redlove ® Calypso ®	A	
Luresweet			Redlove ® Odysso ®	A	
Maigold				B	
Maribelle			Lola ®	B	
MC38			Crimson Snow ®	A	
McIntosh				B	
Melrose				C	
Milwa			Diwa ®, Junami ®	B	
Minneiska			SweeTango ®	B	
Moonglo				C	
Morgenduft		Imperatore		B	
Mountain Cove			Ginger Gold ™	D	
Mored			Joly Red ®	A	
Mutsu		Crispin		D	
Newton				C	
Nicogreen			Greenstar ®	D	
Nicoter			Kanzi ®	B	
Northern Spy				C	
Ohrin		Orin		D	
Paula Red				B	
Pinova			Corail ®	C	
	RoHo 3615		Evelina ®	B	
Piros				C	

Plumac			Koru ®	B	
Prem A153			Lemonade ®, Honeymoon ®	C	
Prem A17			Smitten ®	C	
Prem A280			Sweetie™	B	
Prem A96			Rockit™	B	M
R201			Kissabel ® Rouge	A	
Rafzubin			RubINETTE ®	C	
	Frubaur		RubINETTE ® Rossina	A	
	Rafzubex		RubINETTE ® Rosso	A	
Rajka			Rezista Romelike ®	B	
Regalyou			Candine ®	A	
Red Delicious		Rouge américaine		A	
	Campsur		Red Chief ®	A	
	Erovan		Early Red One ®	A	
	Evasni		Scarlet Spur ®	A	
	Stark Delicious			A	
	Starking			C	
	Starkrimson			A	
	Starkspur			A	
	Topred			A	
	Trumdor		Oregon Spur Delicious ®	A	
Reine des Reinettes		Gold Parmoné, Goldparmäne		C	V
Reinette grise du Canada		Graue Kanadarenette, Renetta Canada		D	R
RM1			Red Moon ®	A	
Rome Beauty		Belle de Rome, Rome, Rome Sport		B	
RS1			Red Moon ®	A	

Rubelit				A	
Rubin				C	
Rubinola				B	
Šampion		Shampion, Champion, Szampion		B	
	Reno 2			A	
	Šampion Arno	Szampion Arno		A	
Santana				B	
Sciearly			Pacific Beauty <sup>TM</sup> , NZ Beauty	A	
Scifresh			Jazz <sup>TM</sup>	B	
Sciglo			Southern Snap <sup>TM</sup>	A	
Scilate			Envy <sup>®</sup>	B	
Sciray		GS48		A	
Scired			NZ Queen	A	R
Sciros			Pacific Rose <sup>TM</sup> , NZ Rose	A	
Senshu				C	
Shinano Gold			Yello <sup>®</sup>	D	
Spartan				A	
SQ 159			Natyra <sup>®</sup> , Magic Star <sup>®</sup>	A	
Stayman				B	
Summerred				B	
Sunrise				A	
Sunset				D	R
Suntan				D	R
Sweet Caroline				C	
TCL3			Posy <sup>®</sup>	A	
Topaz				B	

Tydeman's Early Worcester		Tydeman's Early		B	
Tsugaru				C	
UEB32642			Opal ®	D	
WA 2			Sunrise Magic ™	A	
WA 38			Cosmic Crisp ™	A	
Worcester Pearmain				B	
Xeleven			Swing ® natural more	A	
York				B	
Zari				B	
Zouk 16			Flanders Pink ®, Mariposa ®	B	
Zouk 31			Rubisgold ®	D	
Zouk 32			Coryphée ®	A	

## **PART 2: MARKETING STANDARD FOR CITRUS FRUIT**

### **I. DEFINITION OF PRODUCE**

This standard applies to citrus fruit of varieties (cultivars) grown from the following species, to be supplied fresh to the consumer, citrus fruit for industrial processing being excluded:

- lemons grown from the species *Citrus limon* (L.) Burm. f. and hybrids thereof,
- mandarins grown from the species *Citrus reticulata* Blanco, including satsumas (*Citrus unshiu* Marcow), clementines (*Citrus clementina* hort. ex Tanaka), common mandarins (*Citrus deliciosa* Ten.) and tangerines (*Citrus tangerina* Tanaka) grown from these species and hybrids thereof,
- oranges grown from the species *Citrus sinensis* (L.) Osbeck and hybrids thereof.

### **II. PROVISIONS CONCERNING QUALITY**

The purpose of the standard is to define the quality requirements for citrus fruit after preparation and packaging.

However, at stages following dispatch products may show in relation to the requirements of the standard:

- a slight lack of freshness and turgidity,
- for products graded in classes other than the “Extra” Class, a slight deterioration due to their development and their tendency to perish.

#### **A. Minimum requirements**

In all classes, subject to the special provisions for each class and the tolerances allowed, the citrus fruit must be:

- intact,
- free of bruising and/or extensive healed overcuts,
- sound; produce affected by rotting or deterioration such as to make it unfit for consumption is excluded,
- clean, practically free of any visible foreign matter,
- practically free from pests,
- free from damage caused by pests affecting the flesh,
- free of signs of shrivelling and dehydration,
- free of damage caused by low temperature or frost,
- free of abnormal external moisture,
- free of any foreign smell and/or taste.

The development and condition of the citrus fruit must be such as to enable it:

- to withstand transportation and handling, and
- to arrive in satisfactory condition at the place of destination.

#### **B. Maturity requirements**

The citrus fruit must have reached an appropriate degree of development and ripeness, account being taken of criteria proper to the variety, the time of picking and the growing area.

Maturity of citrus fruit is defined by the following parameters specified for each species below:

- minimum juice content,
- minimum sugar/acid ratio<sup>13</sup>,
- colouring.

The degree of colouring shall be such that following normal development the citrus fruit reach the colour typical of the variety at their destination point.

	Minimum juice content (per cent)	Minimum sugar/acid ratio	Colouring
Lemons	20		Must be typical of the variety. Fruit with a green (but not dark green) colour is allowed, provided it satisfies the minimum requirements as to juice content
Satsumas, clementines, other mandarin varieties and their hybrids			
Satsumas	33	6.5:1	Must be typical of the variety on at least one third of the surface of the fruit
Clementines	40	7.0:1	
Other mandarin varieties and their hybrids	33	7.5:1 <sup>14</sup>	
Oranges			
Blood oranges	30	6.5:1	Must be typical of the variety. However, fruit with light green colour not exceeding one fifth of the total surface area of the fruit is allowed, provided it satisfies the minimum requirements as to juice content. Oranges produced in areas with high temperatures and high relative humidity conditions during the developing period having a green colour exceeding one fifth of the surface area of the fruit are allowed, provided they satisfy the minimum requirements as to juice content.
Navels group	33	6.5:1	
Other varieties	35	6.5:1	
Mosambi, Sathgudi and Pacitan with more than one fifth green colour	33		
Other varieties with more than one fifth green colour	45		

Citrus fruit meeting these maturity requirements may be ‘degreened’. This treatment is only permitted if the other natural organoleptic characteristics are not modified.

<sup>13</sup> Calculated as described in the OECD guidance on objective tests, available at: <http://www.oecd.org/agriculture/fruit-vegetables/publications>.

<sup>14</sup> For the varieties Mandora and Minneola the minimum sugar/acid ratio is 6.0:1 until the end of the marketing year commencing 1 January 2023.

### **C. Classification**

Citrus fruit is classified in three classes, as defined below:

(i) “Extra” Class

Citrus fruit in this class must be of superior quality. It must be characteristic of the variety and/or commercial type.

It must be free from defects, with the exception of very slight superficial defects, provided these do not affect the general appearance of the produce, the quality, the keeping quality and presentation in the package.

(ii) Class I

Citrus fruit in this class must be of good quality. It must be characteristic of the variety and/or commercial type.

The following slight defects, however, may be allowed provided these do not affect the general appearance of the produce, the quality, the keeping quality and presentation in the package:

- a slight defect in shape,
- slight defects in colouring, including slight sunburn,
- slight progressive skin defects, provided they do not affect the flesh,
- slight skin defects occurring during the formation of the fruit, such as silver scurfs, russets or pest damage,
- slight healed defects due to a mechanical cause such as hail damage, rubbing or damage from handling,
- slight and partial detachment of the peel (or rind) for all fruit of the mandarin group.

(iii) Class II

This class includes citrus fruit which does not qualify for inclusion in the higher classes but satisfies the minimum requirements specified above.

The following defects may be allowed, provided the citrus fruit retains its essential characteristics as regards the quality, the keeping quality and presentation:

- defects in shape,
- defects in colouring, including sunburn,
- progressive skin defects, provided they do not affect the flesh,
- skin defects occurring during the formation of the fruit, such as silver scurfs, russets or pest damage,
- healed defects due to a mechanical cause such as hail damage, rubbing or damage from handling,
- superficial healed skin alterations,
- rough skin,
- a slight and partial detachment of the peel (or rind) for oranges and a partial detachment of the peel (or rind) for all fruit of the mandarin group.

### **III. PROVISIONS CONCERNING SIZING**

Size is determined by the maximum diameter of the equatorial section of the fruit or by count.

**A. Minimum size**

The following minimum sizes apply:

Fruit	Diameter (mm)
Lemons	45
Satsumas, other mandarin varieties and hybrids	45
Clementines	35
Oranges	53

**B. Uniformity**

Citrus fruit may be sized by one of the following options:

- (a) To ensure uniformity in size, the range in size between produce in the same package shall not exceed:
- 10 mm, if the diameter of the smallest fruit (as indicated on the package) is < 60 mm
  - 15 mm, if the diameter of the smallest fruit (as indicated on the package) is  $\geq$  60 mm but < 80 mm
  - 20 mm, if the diameter of the smallest fruit (as indicated on the package) is  $\geq$  80 mm but < 110 mm
  - there is no limitation of difference in diameter for fruit  $\geq$  110 mm.
- (b) When size codes are applied, the codes and ranges in the following tables must be respected:

	Size code	Diameter (mm)
<b>Lemons</b>		
	0	79 - 90
	1	72 - 83
	2	68 - 78
	3	63 - 72
	4	58 - 67
	5	53 - 62
	6	48 - 57
	7	45 - 52
<b>Satsumas, clementines, and other mandarin varieties and hybrids</b>		
	1 - XXX	78 and above
	1 - XX	67 - 78
	1 or 1 - X	63 - 74
	2	58 - 69
	3	54 - 64
	4	50 - 60
	5	46 - 56
	6 <sup>15</sup>	43 - 52
	7	41 - 48
	8	39 - 46
	9	37 - 44
	10	35 - 42
<b>Oranges</b>		
	0	92 - 110
	1	87 - 100
	2	84 - 96

<sup>15</sup> Sizes below 45 mm refer to clementines only.

3	81 – 92
4	77 – 88
5	73 – 84
6	70 – 80
7	67 – 76
8	64 – 73
9	62 – 70
10	60 – 68
11	58 – 66
12	56 – 63
13	53 – 60

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Uniformity in size is achieved by the above-mentioned size scales, unless otherwise stated as follows:

For fruit in bulk bins and fruit in sales packages of a maximum net weight of 5 kg, the maximum difference must not exceed the range obtained by grouping three consecutive sizes in the size scale.

- (c) For fruit sized by count, the difference in size should be consistent with (a).

#### IV. PROVISIONS CONCERNING TOLERANCES

At all marketing stages, tolerances in respect of quality and size shall be allowed in each lot for produce not satisfying the requirements of the class indicated.

##### A. Quality tolerances

- (i) “Extra” Class

A total tolerance of 5 per cent, by number or weight, of citrus fruit not satisfying the requirements of the class, but meeting those of Class I is allowed. Within this tolerance, not more than 0.5 per cent in total may consist of produce satisfying the requirements of Class II quality.

- (ii) Class I

A total tolerance of 10 per cent, by number or weight, of citrus fruit not satisfying the requirements of the class, but meeting those of Class II is allowed. Within this tolerance, not more than 1 per cent in total may consist of produce satisfying neither the requirements of Class II quality nor the minimum requirements, or of produce affected by decay.

- (iii) Class II

A total tolerance of 10 per cent, by number or weight, of citrus fruit satisfying neither the requirements of the class nor the minimum requirements is allowed. Within this tolerance, not more than 2 per cent in total may consist of produce affected by decay.

##### B. Size tolerances

For all classes: a total tolerance of 10 per cent, by number or weight, of citrus fruit corresponding to the size immediately below and/or above that (or those, in the case of the combination of three sizes) mentioned on the packages is allowed.

In any case, the tolerance of 10 % applies only to fruit not smaller than the following minima:

Fruit	Diameter (mm)
Lemons	43
Satsumas, other mandarin varieties and hybrids	43
Clementines	34
Oranges	50

## V. PROVISIONS CONCERNING PRESENTATION

### A. Uniformity

The contents of each package must be uniform and contain only citrus fruit of the same origin, variety or commercial type, quality and size, and appreciably of the same degree of ripeness and development.

In addition, for the “Extra” Class, uniformity in colouring is required.

However, a mixture of citrus fruit of distinctly different species may be packed together in a sales package, provided they are uniform in quality and, for each species concerned, in variety or commercial type and origin. Uniformity in size is not required.

The visible part of the contents of the package must be representative of the entire contents.

### B. Packaging

The citrus fruit must be packed in such a way as to protect the produce properly.

The materials used inside the package must be clean and of a quality such as to avoid causing any external or internal damage to the produce. The use of materials, particularly of paper or stamps bearing trade specifications is allowed provided the printing or labelling has been done with non-toxic ink or glue.

Stickers individually affixed on the produce shall be such that, when removed, they neither leave visible traces of glue, nor lead to skin defects. Information lasered on single fruit should not lead to flesh or skin defects.

If the fruit is wrapped, thin, dry, new and odourless<sup>16</sup> paper must be used.

The use of any substance tending to modify the natural characteristics of the citrus fruit, especially its taste or smell<sup>17</sup>, is prohibited.

Packages must be free of all foreign matter. However, a presentation where a short (not wooden) twig with some green leaves adheres to the fruit is allowed.

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<sup>16</sup> The use of preserving agents or any other chemical substance liable to leave a foreign smell on the skin of the fruit is permitted where it is compatible with the applicable European Union provisions.

<sup>17</sup> The use of preserving agents or any other chemical substance liable to leave a foreign smell on the skin of the fruit is permitted where it is compatible with the applicable European Union provisions.

## VI. PROVISIONS CONCERNING MARKING

Each package<sup>18</sup> must bear the following particulars, in letters grouped on the same side, legibly and indelibly marked, and visible from the outside.

### A. Identification

Name and physical address of the packer and/or the dispatcher (for example street/city/region/postal code and, if different from the country of origin, the country).

This mention may be replaced:

- for all packages with the exception of pre-packages, by the officially issued or accepted code mark representing the packer and/or the dispatcher, indicated in close connection with the reference ‘Packer and/or Dispatcher’ (or equivalent abbreviations). The code mark shall be preceded by the ISO 3166 (alpha) country/area code of the recognising country, if not the country of origin;
- for pre-packages only, by the name and the address of a seller established within the Union indicated in close connection with the mention ‘Packed for:’ or an equivalent mention. In this case, the labelling shall also include a code representing the packer and/or the dispatcher. The seller shall give all information deemed necessary by the inspection body as to the meaning of this code.

### B. Nature of produce

- “Lemons”, “Mandarins” or “Oranges” if the produce is not visible from the outside.
- “Mixture of citrus fruit” or equivalent denomination and common names of the different species, in case of a mixture of citrus fruit of distinctly different species.
- For oranges, name of the variety, and/or the respective variety group in the case of “Navels”, and “Valencias”.
- For “Satsumas” and “Clementines”, the common name of the species is required and the name of the variety is optional.
- For other mandarins and hybrids thereof, the name of the variety is required.
- For lemons: the name of the variety is optional.
- “Seeded” in case of clementines with more than 10 seeds.
- “Seedless” (optional, seedless citrus fruit may occasionally contain seeds)

### C. Origin of produce

- Country of origin<sup>19</sup> and, optionally, district where grown, or national, regional or local place name.
- In the case of a mixture of citrus fruit of distinctly different species of different origins, the indication of each country of origin shall appear next to the name of the species concerned.

### D. Commercial specifications

- Class.
- Size expressed as:
  - Minimum and maximum sizes (in mm) or
  - Size code(s) followed, optionally, by a minimum and maximum size or

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<sup>18</sup> These marking provisions do not apply to sales packages presented in packages. However, they do apply to sales packages presented separately.

<sup>19</sup> The full or commonly used name shall be indicated.

- Count.
- When used, mention of the preserving agent or other chemical substances used at post-harvest stage.

**E. Official control mark (optional)**

Packages need not to bear the particulars mentioned in the first subparagraph, when they contain sales packages, clearly visible from the outside, and all bearing these particulars. These packages shall be free from any indications such as could mislead. When these packages are palletised, the particulars shall be given on a notice placed in an obvious position on at least two sides of the pallet.

**PART 3: MARKETING STANDARD FOR KIWIFRUIT**

**I. DEFINITION OF PRODUCE**

This standard applies to kiwifruit (also known as *Actinidia* or kiwi) of varieties (cultivars) grown from *Actinidia chinensis* Planch. and *Actinidia deliciosa* (A. Chev.), C.F. Liang and A.R. Ferguson to be supplied fresh to the consumer, kiwifruit for industrial processing being excluded.

**II. PROVISIONS CONCERNING QUALITY**

The purpose of the standard is to define the quality requirements for kiwifruit, after preparation and packaging.

However, at stages following dispatch products may show in relation to the requirements of the standard:

- a slight lack of freshness and turgidity,
- for products graded in classes other than the “Extra” Class, a slight deterioration due to their development and their tendency to perish.

**A. Minimum requirements**

In all classes, subject to the special provisions for each class and the tolerances allowed, the kiwifruit must be:

- intact (but free of peduncle),
- sound; produce affected by rotting or deterioration such as to make it unfit for consumption is excluded,
- clean, practically free of any visible foreign matter,
- practically free from pests,
- free from damage caused by pests affecting the flesh,
- adequately firm; not soft, shrivelled or water-soaked,
- well formed, double/multiple fruit being excluded,
- free of abnormal external moisture,
- free of any foreign smell and/or taste.

The development and condition of the kiwifruit must be such as to enable it:

- to withstand transportation and handling, and
- to arrive in satisfactory condition at the place of destination.

**B. Minimum maturity requirements**

The kiwifruit must be sufficiently developed and display satisfactory ripeness.

In order to satisfy this requirement, the fruit at packing must have attained a degree of ripeness of at least 6.2° Brix<sup>20</sup> or an average dry matter content of 15%, which should lead to 9.5° Brix<sup>21</sup> when entering the distribution chain.

### C. Classification

Kiwifruit is classified in three classes as defined below.

#### (i) “Extra” Class

Kiwifruit in this class must be of superior quality. It must be characteristic of the variety.

The fruit must be firm and the flesh must be perfectly sound.

It must be free from defects with the exception of very slight superficial defects, provided these do not affect the general appearance of the produce, the quality, the keeping quality and presentation in the package.

The ratio of the minimum/maximum diameter of the fruit measured at the equatorial section must be 0,8 or greater.

#### (ii) Class I

Kiwifruit in this class must be of good quality. It must be characteristic of the variety.

The fruit must be firm and the flesh must be perfectly sound.

The following slight defects, however, may be allowed provided these do not affect the general appearance of the produce, the quality, the keeping quality and presentation in the package:

- a slight defect in shape (but free of swelling or malformations),
- slight defects in colouring,
- slight skin defects, provided the total area affected does not exceed 1 cm<sup>2</sup>,
- small ‘Hayward mark’ like longitudinal lines and without protuberance.

The ratio of the minimum/maximum diameter of the fruit measured at the equatorial section must be 0,7 or greater.

#### (iii) Class II

This class includes kiwifruit that does not qualify for inclusion in the higher classes, but satisfies the minimum requirements specified above.

The fruit must be reasonably firm and the flesh should not show any serious defects.

The following defects may be allowed provided the kiwifruit retains its essential characteristics as regards the quality, the keeping quality and presentation:

- defects in shape,
- defects in colouring,
- skin defects such as small healed cuts or scarred/grazed tissue, provided that the total area affected does not exceed 2 cm<sup>2</sup>,
- several more pronounced ‘Hayward marks’ with a slight protuberance,
- slight bruising.

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<sup>20</sup> Calculated as described in the OECD guidance on objective tests, available at: <http://www.oecd.org/agriculture/fruit-vegetables/publications>.

### **III. PROVISIONS CONCERNING SIZING**

Size is determined by the weight of the fruit.

The minimum weight for the “Extra” Class is 90 g, for Class I is 70 g and for Class II is 65 g.

To ensure uniformity in size, the range in size between produce in the same package shall not exceed:

- 10 g for fruit of weight up to 85 g,
- 15 g for fruit weighing between 85 g and 120 g,
- 20 g for fruit weighing between 120 g and 150 g,
- 40 g for fruit weighing 150 g or more.

### **IV. PROVISIONS CONCERNING TOLERANCES**

At all marketing stages, tolerances in respect of quality and size shall be allowed in each lot for produce not satisfying the requirements of the class indicated.

#### **A. Quality tolerances**

(i) “Extra” Class

A total tolerance of 5 per cent, by number or weight, of kiwifruit not satisfying the requirements of the class but meeting those of Class I is allowed. Within this tolerance not more than 0.5 per cent in total may consist of produce satisfying the requirements of Class II quality.

(ii) Class I

A total tolerance of 10 per cent, by number or weight, of kiwifruit not satisfying the requirements of the class but meeting those of Class II is allowed. Within this tolerance not more than 1 per cent in total may consist of produce satisfying neither the requirements of Class II quality nor the minimum requirements, or of produce affected by decay.

(iii) Class II

A total tolerance of 10 per cent, by number or weight, of kiwifruit satisfying neither the requirements of the class nor the minimum requirements is allowed. Within this tolerance not more than 2 per cent in total may consist of produce affected by decay.

#### **B. Size tolerances**

For all classes: a total tolerance of 10 %, by number or weight, of kiwifruit not satisfying the requirements as regards sizing is allowed.

However, the kiwifruit must not weigh less than 85 g in the “Extra” Class, 67 g in Class I and 62 g in Class II.

### **V. PROVISIONS CONCERNING PRESENTATION**

#### **A. Uniformity**

The contents of each package must be uniform and contain only kiwifruit of the same origin, variety, quality and size.

The visible part of the contents of the package must be representative of the entire contents.

#### **B. Packaging**

The kiwifruit must be packed in such a way as to protect the produce properly.

The materials used inside the package must be clean and of a quality such as to avoid causing any external or internal damage to the produce. The use of materials, particularly of paper or stamps, bearing trade specifications is allowed, provided the printing or labelling has been done with non-toxic ink or glue.

Stickers individually affixed to the produce shall be such that, when removed, they neither leave visible traces of glue, nor lead to skin defects. Information lasered on single fruit should not lead to flesh or skin defects.

Packages must be free of all foreign matter.

## VI. PROVISIONS CONCERNING MARKING

Each package<sup>21</sup> must bear the following particulars, in letters grouped on the same side, legibly and indelibly marked, and visible from the outside:

### A. Identification

Name and physical address of the packer and/or the dispatcher (for example street/city/region/postal code and, if different from the country of origin, the country).

This mention may be replaced:

- for all packages with the exception of pre-packages, by the officially issued or accepted code mark representing the packer and/or the dispatcher, indicated in close connection with the reference ‘Packer and/or Dispatcher’ (or equivalent abbreviations). The code mark shall be preceded by the ISO 3166 (alpha) country/area code of the recognising country, if not the country of origin;
- for pre-packages only, by the name and the address of a seller established within the Union indicated in close connection with the mention ‘Packed for:’ or an equivalent mention. In this case, the labelling shall also include a code representing the packer and/or the dispatcher. The seller shall give all information deemed necessary by the inspection body as to the meaning of this code.

### B. Nature of produce

- ‘Kiwifruit’ and/or ‘Actinidia’, if the contents are not visible from the outside.
- Name of the variety (optional).
- Flesh colour or equivalent indication, if not green.

### C. Origin of produce

Country of origin<sup>22</sup> and, optionally, district where grown, or national, regional or local place name.

### D. Commercial specifications

- Class.
- Size expressed by the minimum and maximum weight of the fruit.
- Number of fruits (optional).

### E. Official control mark (optional)

Packages need not bear the particulars mentioned in the first subparagraph, when they contain sales packages, clearly visible from the outside, and all bearing these particulars. These packages shall be free from any indications such as could mislead. When these packages are

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<sup>21</sup> These marking provisions do not apply to sales packages presented in packages. However, they do apply to sales packages presented separately.

<sup>22</sup> The full or the commonly used name shall be indicated.

palletised, the particulars shall be given on a notice placed in an obvious position on at least two sides of the pallet.

## **PART 4: MARKETING STANDARD FOR LETTUCES, CURLED-LEAVED ENDIVES AND BROAD-LEAVED (BATAVIAN) ENDIVES**

### **I. DEFINITION OF PRODUCE**

This standard applies to

- lettuces of varieties (cultivars) grown from:
  - *Lactuca sativa* var. *capitata* L. (head lettuces including crisphead and “Iceberg” type lettuces),
  - *Lactuca sativa* var. *longifolia* Lam. (cos or romaine lettuces),
  - *Lactuca sativa* var. *crispa* L. (leaf lettuces),
  - crosses of these varieties and
- curled-leaved endives of varieties (cultivars) grown from *Cichorium endivia* var. *crispum* Lam. and
- broad-leaved (Batavian) endives (escaroles) of varieties (cultivars) grown from *Cichorium endivia* var. *latifolium* Lam.

to be supplied fresh to the consumer.

This standard does not apply to produce for industrial processing, produce presented as individual leaves, lettuces with root ball or lettuces in pots.

### **II. PROVISIONS CONCERNING QUALITY**

The purpose of the standard is to define the quality requirements for produce, after preparation and packaging.

However, at stages following dispatch products may show in relation to the requirements of the standard:

- a slight lack of freshness and turgidity,
- a slight deterioration due to their development and their tendency to perish.

#### **A. Minimum requirements**

In all classes, subject to the special provisions for each class and the tolerances allowed, the produce must be:

- intact,
- sound; produce affected by rotting or deterioration such as to make it unfit for consumption is excluded,
- clean and trimmed, i.e. practically free from all earth or other growing medium and practically free of any visible foreign matter,
- fresh in appearance,
- practically free from pests,
- practically free from damage caused by pests,
- turgid,

- not running to seed,
- free of abnormal external moisture,
- free of any foreign smell and/or taste.

In the case of lettuce, a reddish discolouration, caused by low temperature during growth, is allowed, unless it seriously affects the appearance of the lettuce.

The roots must be cut close to the base of the outer leaves and the cut must be neat.

The produce must be of normal development. The development and condition of the produce must be such as to enable it:

- to withstand transportation and handling, and
- to arrive in a satisfactory condition at the place of destination.

## **B. Classification**

The produce is classified in two classes, as defined below:

### (i) Class I

Produce in this class must be of good quality. It must be characteristic of the variety and/or commercial type.

The produce must also be:

- well formed,
- firm, taking into account the cultivation methods and the type of produce,
- free from damage or deterioration impairing edibility,
- free from frost damage.

Head lettuces must have a single well-formed heart. However, in the case of head lettuces grown under protection, the heart may be small.

Cos lettuces must have a heart, which may be small.

The centre of curled-leaved endives and broad-leaved (Batavian) endives must be yellow in colour.

### (ii) Class II

This class includes produce which do not qualify for inclusion in Class I, but satisfy the minimum requirements specified above.

The produce must be:

- reasonably well-formed,
- free from damage and deterioration which may seriously impair edibility.

The following defects may be allowed provided the produce retains its essential characteristics as regards the quality, the keeping quality and presentation:

- slight discolouration,
- slight damage caused by pests.

Head lettuces must have a heart, which may be small. However, in the case of head lettuces grown under protection, absence of heart is permissible.

Cos lettuces may show no heart.

### **III. PROVISIONS CONCERNING SIZING**

Size is determined by the weight of one unit.

To ensure uniformity in size, the range in size between produce in the same package shall not exceed:

- (a) Lettuces
  - 40 g when the lightest unit weighs less than 150 g per unit,
  - 100 g when the lightest unit weighs between 150 g and 300 g per unit,
  - 150 g when the lightest unit weighs between 300 g and 450 g per unit,
  - 300 g when the lightest unit weighs more than 450 g per unit.
- (b) Curled-leaved and broad-leaved (Batavian) endives
  - 300g.

### **IV. PROVISIONS CONCERNING TOLERANCES**

At all marketing stages, tolerances in respect of quality and size shall be allowed in each lot for produce not satisfying the requirements of the class indicated.

#### **A. Quality tolerances**

##### (i) Class I

A total tolerance of 10 per cent, by number, of produce not satisfying the requirements of the class, but meeting those of Class II is allowed. Within this tolerance not more than 1 per cent in total may consist of produce satisfying neither the requirements of Class II quality nor the minimum requirements, or of produce affected by decay.

##### (ii) Class II

A total tolerance of 10 per cent, by number, of produce satisfying neither the requirements of the class nor the minimum requirements is allowed. Within this tolerance not more than 2 per cent in total may consist of produce affected by decay.

#### **B. Size tolerances**

For all classes: a total tolerance of 10 per cent, by number, of produce not satisfying the requirements as regards sizing is allowed.

### **V. PROVISIONS CONCERNING PRESENTATION**

#### **A. Uniformity**

The contents of each package must be uniform and contain only produce of the same origin, variety or commercial type, quality and size.

However, a mixture of lettuces and/or endives of distinctly different, varieties, commercial types and/or colours may be packed together in a package, provided they are uniform in quality and, for each variety, commercial type and/or colour, in origin. Uniformity in size is not required.

The visible part of the contents of the package must be representative of the entire contents.

#### **B. Packaging**

The produce must be packed in such a way as to protect it properly. It must be reasonably packed having regard to the size and type of packaging, without empty spaces or crushing.

The materials used inside the package must be clean and of a quality such as to avoid causing any external or internal damage to the produce. The use of materials, particularly paper or

stamps bearing trade specifications is allowed, provided the printing or labelling has been done with non-toxic ink or glue.

Packages must be free of all foreign matter.

## VI. PROVISIONS CONCERNING MARKING

Each package<sup>23</sup> must bear the following particulars in letters grouped on the same side, legibly and indelibly marked, and visible from the outside:

### A. Identification

Name and physical address of the packer and/or the dispatcher (for example street/city/region/postal code and, if different from the country of origin, the country).

This mention may be replaced:

- for all packages with the exception of pre-packages, by the officially issued or accepted code mark representing the packer and/or the dispatcher, indicated in close connection with the reference «Packer and/or Dispatcher» (or equivalent abbreviations). The code mark shall be preceded by the ISO 3166 (alpha) country/area code of the recognising country, if not the country of origin;
- for pre-packages only, by the name and the address of a seller established within the Union indicated in close connection with the mention «Packed for:» or an equivalent mention. In this case, the labelling shall also include a code representing the packer and/or the dispatcher. The seller shall give all information deemed necessary by the inspection body as to the meaning of this code.

### B. Nature of produce

- "Lettuces", "butterhead lettuces", "batavia", "crisphead lettuces (Iceberg)", "cos lettuces", "leaf lettuce" (or, for example and where appropriate, "Oak leaf", "Lollo bionda", "Lollo rossa"), "curled-leaved endives", "broad-leaved (Batavian) endives", or equivalent denomination if the contents are not visible from the outside.
- "Grown under protection", or equivalent denomination where appropriate.
- Name of the variety (optional).
- "Mixture of lettuces/endives", or equivalent denomination in the case of a mixture of lettuces and/or endives of distinctly different varieties, commercial types and/or colours. If the produce is not visible from the outside, the varieties, commercial types and/or colours, and the quantity of each in the package must be indicated.

### C. Origin of produce

- Country of origin<sup>24</sup> and, optionally, district where grown, or national, regional or local place name.
- In the case of a mixture of lettuces and/or endives of distinctly different varieties, commercial types and/or colours of different origins, the indication of each country of origin shall appear next to the name of the variety, commercial type and/or colour concerned.

### D. Commercial specifications

- Class
- Size, expressed by the minimum weight per unit, or number of units

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<sup>23</sup> These marking provisions do not apply to sales packages presented in packages. However, they do apply to sales packages presented separately.

<sup>24</sup> The full or the commonly used name shall be indicated.

**E. Official control mark (optional)**

Packages need not to bear the particulars mentioned in the first subparagraph, when they contain sales packages, clearly visible from the outside, and all bearing these particulars. These packages shall be free from any indications such as could mislead. When these packages are palletised, the particulars shall be given on a notice placed in an obvious position on at least two sides of the pallet.

## **PART 5: MARKETING STANDARD FOR PEACHES AND NECTARINES**

### **I. DEFINITION OF PRODUCE**

This standard applies to peaches and nectarines of varieties (cultivars) grown from *Prunus persica* Sieb. and Zucc., to be supplied fresh to the consumer, peaches and nectarines for industrial processing being excluded.

### **II. PROVISIONS CONCERNING QUALITY**

The purpose of the standard is to define the quality requirements for peaches and nectarines, after preparation and packaging.

However, at stages following dispatch products may show in relation to the requirements of the standard:

- a slight lack of freshness and turgidity,
- for products graded in classes other than the “Extra” Class, a slight deterioration due to their development and their tendency to perish.

#### **A. Minimum requirements**

In all classes, subject to the special provisions for each class and the tolerances allowed, peaches and nectarines must be:

- intact,
- sound; produce affected by rotting or deterioration such as to make it unfit for consumption is excluded,
- clean, practically free of any visible foreign matter,
- practically free from pests,
- free from damage caused by pests affecting the flesh,
- free of fruit split at the stalk cavity,
- free of abnormal external moisture,
- free of any foreign smell and/or taste.

The development and condition of peaches and nectarines must be such as to enable them:

- to withstand transportation and handling, and
- to arrive in satisfactory condition at the place of destination.

#### **B. Maturity requirements**

The fruit must be sufficiently developed and display satisfactory ripeness. The minimum refractometric index of the flesh should be greater than or equal to 8° Brix<sup>25</sup>.

#### **C. Classification**

Peaches and nectarines are classified into three classes, as defined below:

(i) “Extra” Class

Peaches and nectarines in this class must be of a superior quality. They must be characteristic of the variety.

The flesh must be perfectly sound.

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<sup>25</sup> Calculated as described in the OECD guidance on objective tests, available at: <http://www.oecd.org/agriculture/fruit-vegetables/publications>.

They must be free from defects with the exception of very slight superficial defects, provided that these do not affect the general appearance of the produce, the quality, the keeping quality and presentation in the package.

(ii) Class I

Peaches and nectarines in this class must be of good quality. They must be characteristic of the variety. The flesh must be perfectly sound.

The following slight defects, however, may be allowed provided these do not affect the general appearance of the produce, the quality, the keeping quality and presentation in the package:

- a slight defect in shape,
- a slight defect in development,
- slight defects in colouring,
- slight pressure marks not exceeding 1cm<sup>2</sup> in total surface area,
- slight skin defects which must not extend over more than:
  - 1.5 cm in length for defects of elongated shape,
  - 1 cm<sup>2</sup> in total surface area for other defects.

(iii) Class II

This class includes peaches and nectarines which do not qualify for inclusion in the higher classes, but satisfy the minimum requirements specified above.

The flesh must be free from major defects.

The following defects may be allowed provided the peaches and nectarines retain their essential characteristics as regards the quality, the keeping quality and presentation:

- defects in shape,
- defects in development, including split stones, provided the fruit is closed and the flesh is sound,
- defects in colouring,
- bruises which may be slightly discoloured and not exceeding 2 cm<sup>2</sup> in total surface area,
- skin defects which must not extend over more than
  - 2.5 cm in length for defects of elongated shape,
  - 2 cm<sup>2</sup> in total surface area for other defects.

### III. PROVISIONS CONCERNING SIZING

Size is determined either by the maximum diameter of the equatorial section, by weight, or by count.

The minimum size shall be:

- 56 mm or 85 g in the “Extra” Class,
- 51 mm or 65 g in Classes I and II.

However, fruit below 56 mm or 85 g, is not marketed in the period from 1 July to 31 October (northern hemisphere) and from 1 January to 30 April (southern hemisphere).

The following provisions are optional for Class II.

To ensure uniformity in size, the range in size between produce in the same package shall not exceed:

- (a) For fruit sized by diameter:
- 5 mm for fruit below 70 mm,
  - 10 mm for fruit of 70 mm and more.
- (b) For fruit sized by weight:
- 30 g for fruit below 180 g,
  - 80 g for fruit of 180 g and more.
- (c) For fruit sized by count, the difference in size should be consistent with (a) or (b).

If size codes are applied, those in the table below have to be respected.

	code	Diameter		or	weight	
		from	To		from	to
		(mm)	(mm)		(g)	(g)
1	D	51	56		65	85
2	C	56	61		85	105
3	B	61	67		105	135
4	A	67	73		135	180
5	AA	73	80		180	220
6	AAA	80	90		220	300
7	AAAA		> 90			> 300

#### IV. PROVISIONS CONCERNING TOLERANCES

At all marketing stages, tolerances in respect of quality and size shall be allowed in each lot for produce not satisfying the requirements for the class indicated.

##### A. Quality tolerances

(i) “Extra” Class

A total tolerance of 5 per cent, by number or weight, of peaches or nectarines not satisfying the requirements of the class, but meeting those of class I is allowed. Within this tolerance not more than 0.5 per cent in total may consist of produce satisfying the requirements of Class II quality.

(ii) Class I

A total tolerance of 10 per cent, by number or weight, of peaches or nectarines not satisfying the requirements of the class, but meeting those of class II is allowed. Within this tolerance not more than 1 per cent in total may consist of produce satisfying neither the requirements of Class II quality nor the minimum requirements, or of produce affected by decay.

(iii) **Class II**

A total tolerance of 10 per cent, by number or weight, of peaches or nectarines satisfying neither the requirements of the class nor the minimum requirements is allowed. Within this tolerance not more than 2 per cent in total may consist of produce affected by decay.

**B. Size tolerances**

For all classes (if sized): a total tolerance of 10 per cent, by number or weight, of peaches or nectarines not satisfying the requirements as regards sizing is allowed.

**V. PROVISIONS CONCERNING PRESENTATION**

**A. Uniformity**

The contents of each package must be uniform and contain only peaches or nectarines of the same origin, variety, quality, degree of ripeness and size (if sized), and for the “Extra” Class, the contents must also be uniform in colouring.

The visible part of the contents of the package must be representative of the entire contents.

**B. Packaging**

The peaches or nectarines must be packed in such a way as to protect the produce properly.

The materials used inside the package must be clean and of a quality such as to avoid causing any external or internal damage to the produce. The use of materials, particularly of paper or stamps bearing trade specifications is allowed provided the printing or labelling has been done with non-toxic ink or glue.

Stickers individually affixed to the produce shall be such that, when removed, they neither leave visible traces of glue, nor lead to skin defects. Information lasered on single fruit should not lead to flesh or skin defect.

Packages must be free of all foreign matter.

**VI. PROVISIONS CONCERNING MARKING**

Each package<sup>26</sup> must bear the following particulars in letters grouped on the same side, legibly and indelibly marked and visible from the outside:

**A. Identification**

Name and physical address of the packer and/or the dispatcher (for example street/city/region/postal code and, if different from the country of origin, the country).

This mention may be replaced:

- for all packages with the exception of pre-packages, by the officially issued or accepted code mark representing the packer and/or the dispatcher, indicated in close connection with the reference ‘Packer and/or dispatcher’ (or equivalent abbreviations). The code mark shall be preceded by the ISO 3166 (alpha) country/area code of the recognising country, if not the country of origin;
- for pre-packages only, by the name and the address of a seller established within the Union indicated in close connection with the mention ‘Packed for:’ or an equivalent mention. In this case, the labelling shall also include a code representing the packer and/or the dispatcher. The seller shall give all information deemed necessary by the inspection body as to the meaning of this code.

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<sup>26</sup> These marking provisions do not apply to sales packages presented in packages. However, they do apply to sales packages presented separately.

**B. Nature of produce**

- ‘Peaches’ or ‘Nectarines’, if the contents are not visible from the outside.
- Colour of the flesh.
- Name of the variety (optional).

**C. Origin of produce**

Country of origin<sup>27</sup> and, optionally, district where grown, or national, regional or local place name.

**D. Commercial specifications**

- Class.
- Size (if sized) expressed as minimum and maximum diameters (in mm) or minimum and maximum weights (in g) or as size code.
- Number of units (optional).

**E. Official control mark (optional)**

Packages need not to bear the particulars mentioned in the first subparagraph, when they contain sales packages, clearly visible from the outside, and all bearing these particulars. These packages shall be free from any indications such as could mislead. When these packages are palletised, the particulars shall be given on a notice placed in an obvious position on at least two sides of the pallet.

**PART 6: MARKETING STANDARD FOR PEARS**

**I. DEFINITION OF PRODUCE**

This standard applies to pears of varieties (cultivars) grown from *Pyrus communis* L. to be supplied fresh to the consumer, pears for industrial processing being excluded.

**II. PROVISIONS CONCERNING QUALITY**

The purpose of the standard is to define the quality requirements for pears, after preparation and packaging.

However, at stages following dispatch products may show in relation to the requirements of the standard:

- a slight lack of freshness and turgidity,
- for products graded in classes other than the “Extra” Class, a slight deterioration due to their development and their tendency to perish.

**A. Minimum requirements**

In all classes, subject to the special provisions for each class and the tolerances allowed, pears must be:

- intact,
- sound; produce affected by rotting or deterioration such as to make it unfit for consumption is excluded,
- clean, practically free of any visible foreign matter,

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<sup>27</sup> The full or the commonly used name shall be indicated.

- practically free from pests,
- free from damage caused by pests affecting the flesh,
- free of abnormal external moisture,
- free of any foreign smell and/or taste.

The development and condition of the pears must be such as to enable them:

- to withstand transportation and handling, and
- to arrive in satisfactory condition at the place of destination.

#### **B. Maturity requirements**

The development and state of maturity of the pears must be such as to enable them to continue their ripening process and to reach the degree of ripeness required in relation to the varietal characteristics.

#### **C. Classification**

Pears are classified in three classes, as defined below:

##### (i) “Extra” Class

Pears in this class must be of superior quality. They must be characteristic of the variety<sup>28</sup>.

The flesh must be perfectly sound, and the skin free from rough russeting.

They must be free from defects with the exception of very slight superficial defects provided these do not affect the general appearance of the fruit, the quality, the keeping quality and presentation in the package.

The stalk must be intact.

Pears must not be gritty.

##### (ii) Class I

Pears in this class must be of good quality. They must be characteristic of the variety.<sup>29</sup>

The flesh must be perfectly sound.

The following slight defects, however, may be allowed, provided these do not affect the general appearance of the produce, the quality, the keeping quality and presentation in the package:

- a slight defect in shape,
- a slight defect in development,
- slight defects in colouring,
- very slight rough russeting,
- slight skin defects which must not extend over more than:
  - 2 cm in length for defects of elongated shape,
  - 1 cm<sup>2</sup> of total surface area for other defects, with the exception of scab (*Venturia pirina* and *V. inaequalis*), which must not extend over more than 0.25 cm<sup>2</sup> cumulative in area.

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<sup>28</sup> A non-exhaustive list of large fruited and summer pear varieties is included in the appendix to this standard.

<sup>29</sup> A non-exhaustive list of large fruited and summer pear varieties is included in the appendix to this standard.

- slight bruising not exceeding 1 cm<sup>2</sup> in area.

The stalk may be slightly damaged.

Pears must not be gritty.

(iii) Class II

This class includes pears that do not qualify for inclusion in the higher classes but satisfy the minimum requirements specified above.

The flesh must be free from major defects.

The following defects may be allowed provided the pears retain their essential characteristics as regards the quality, the keeping quality and presentation.

- defects in shape,
- defects in development,
- defects in colouring,
- slight rough russeting,
- skin defects which must not extend over more than:
  - 4 cm in length for defects of elongated shape,
  - 2.5 cm<sup>2</sup> of total surface area for other defects, with the exception of scab (*Venturia pirina* and *V. inaequalis*), which must not extend over more than 1 cm<sup>2</sup> cumulative in area,
  - slight bruising not exceeding 2 cm<sup>2</sup> in area.

### III. PROVISIONS CONCERNING SIZING

Size is determined by maximum diameter of the equatorial section or by weight.

The minimum size shall be:

(a) For fruit sized by diameter:

	“Extra”	Class I	Class II
Large-fruited varieties	60 mm	55 mm	55 mm
Other varieties	55 mm	50 mm	45 mm

(b) For fruit sized by weight:

	“Extra”	Class I	Class II
Large-fruited varieties	130 g	110 g	110 g
Other varieties	110 g	100 g	75 g

Summer pears included in the appendix to this standard do not have to respect the minimum size.

To ensure the uniformity in size, the range in size between produce in the same package shall not exceed:

(a) For fruit sized by diameter:

- 5 mm for the “Extra” Class fruit and for Class I and II fruit packed in rows and layers
- 10 mm for Class I fruit packed in sales packages or loose in the package.

(b) For fruit sized by weight:

- For the “Extra” Class fruit and Class I and II fruit packed in rows and layers:

Range (g)	Weight difference (g)
75 - 100	15
100 – 200	35
200-250	50
> 250	80

- for Class I fruit packed in sales packages or loose in the package:

Range (g)	Weight difference (g)
100 – 200	50
> 200	100

There is no sizing uniformity limit for Class II fruit packed in sales packages or loose in the package.

#### IV. PROVISIONS CONCERNING TOLERANCES

At all marketing stages, tolerances in respect of quality and size shall be allowed in each lot for produce not satisfying the requirements of the class indicated.

##### A. Quality tolerances

(i) “Extra” Class

A total tolerance of 5 per cent, by number or weight, of pears not satisfying the requirements of the class but meeting those of Class I is allowed. Within this tolerance not more than 0.5 per cent in total may consist of produce satisfying the requirements of Class II quality.

(ii) Class I

A total tolerance of 10 per cent, by number or weight, of pears not satisfying the requirements of the class but meeting those of Class II is allowed. Within this tolerance not more than 1 per cent in total may consist of produce satisfying neither the requirements of Class II quality nor the minimum requirements, or of produce affected by decay.

(iii) Class II

A total tolerance of 10 per cent, by number or weight, of pears satisfying neither the requirements of the class nor the minimum requirements is allowed. Within this tolerance not more than 2 per cent in total may consist of produce affected by decay.

##### B. Size tolerances

For all classes: a total tolerance of 10 per cent, by number or weight, of pears not satisfying the requirements as regards sizing is allowed. This tolerance may not be extended to include produce with a size:

- 5 mm or more below the minimum diameter
- 10 g or more below the minimum weight.

## V. PROVISIONS CONCERNING PRESENTATION

### A. Uniformity

The contents of each package must be uniform and contain only pears of the same origin, variety, quality, and size (if sized) and the same degree of ripeness.

In the case of the “Extra” Class, uniformity also applies to colouring.

However, a mixture of pears of distinctly different varieties may be packed together in a sales package, provided they are uniform in quality and, for each variety concerned, in origin. Uniformity in size is not required.

The visible part of the contents of the package must be representative of the entire contents.

### B. Packaging

Pears must be packed in such a way as to protect the produce properly.

The materials used inside the package must be clean and of a quality such as to avoid causing any external or internal damage to the produce. The use of materials, particularly of paper or stamps bearing trade specifications is allowed provided the printing or labelling has been done with non-toxic ink or glue.

Stickers individually affixed on the produce shall be such that, when removed, they neither leave visible traces of glue, nor lead to skin defects. Information lasered on single fruit should not lead to flesh or skin defects.

Packages must be free of all foreign matter.

## VI. PROVISIONS CONCERNING MARKING

Each package<sup>30</sup> must bear the following particulars, in letters grouped on the same side, legibly and indelibly marked, and visible from the outside.

### A. Identification

Name and physical address of the packer and/or the dispatcher (for example street/city/region/postal code and, if different from the country of origin, the country).

This mention may be replaced:

- for all packages with the exception of pre-packages, by the officially issued or accepted code mark representing the packer and/or the dispatcher, indicated in close connection with the reference «Packer and/or Dispatcher» (or equivalent abbreviations). The code mark shall be preceded by the ISO 3166 (alpha) country/area code of the recognising country, if not the country of origin;
- for pre-packages only, by the name and the address of a seller established within the Union indicated in close connection with the mention «Packed for:» or an equivalent mention. In this case, the labelling shall also include a code representing the packer and/or the dispatcher. The seller shall give all information deemed necessary by the inspection body as to the meaning of this code.

### B. Nature of produce

- “Pears”, if the contents of the package are not visible from the outside.
- Name of the variety. In the case of a mixture of pears of distinctly different varieties, names of the different varieties.

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<sup>30</sup> These marking provisions do not apply to sales packages presented in packages. However, they do apply to sales packages presented separately.

The name of the variety may be replaced by a synonym. A trade name<sup>31</sup> may only be given in addition to the variety or the synonym.

**C. Origin of produce**

Country of origin<sup>32</sup> and, optionally, district where grown, or national, regional or local place name.

In the case of a mixture of distinctly different varieties of pears of different origins, the indication of each country of origin shall appear next to the name of the variety concerned.

**D. Commercial specifications**

- Class.
- Size, or for fruit packed in rows and layers, number of units.

If identification is by the size, this should be expressed:

- (a) for produce subject to the uniformity rules, as minimum and maximum diameters or minimum and maximum weights,
- (b) optionally, for produce not subject to the uniformity rules, as the diameter or the weight of the smallest fruit in the package followed by “and over” or equivalent denomination or, where appropriate, the diameter or the weight of the largest fruit in the package.

**E. Official control mark (optional)**

Packages need not to bear the particulars mentioned in the first subparagraph, when they contain sales packages, clearly visible from the outside, and all bearing these particulars. These packages shall be free from any indications such as could mislead. When these packages are palletised, the particulars shall be given on a notice placed in an obvious position on at least two sides of the pallet.

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<sup>31</sup> A trade name can be a trade mark for which protection has been sought or obtained or any other commercial denomination.

<sup>32</sup> The full or the commonly used name shall be indicated.

## Appendix

### Non-exhaustive list of large-fruited and summer pear varieties

Small-fruited and other varieties which do not appear in the table may be marketed as long as they meet the size requirements for other varieties as described in Section III of the standard.

Some of the varieties listed in the following table may be marketed under names for which trade mark protection has been sought or obtained in one or more countries. The first and second columns of the table do not intend to include such trade marks. References to known trade marks have been included in the third column for information only.

Legend:

L = Large-fruited variety

SP = Summer pear, for which no minimum size is required.

Variety	Synonyms	Trade marks/Trade names	Size
Abbé Fétel	Abate Fetel		L
Abugo o Siete en Boca			SP
Akça			SP
Alka			L
Alsa			L
Alexandrine Douillard			L
Amfora			L
Angelys		Angys ®	L
Bambinella			SP
Bay 6474		Alessia ®	L
Bergamotten			SP
Beurré Alexandre Lucas	Lucas		L
Beurré Bosc	Bosc, Beurré d'Apremont, Empereur Alexandre, Kaiser Alexander		L
Beurré Clairgeau			L
Beurré d'Arenberg	Hardenpont		L
Beurré Giffard			SP
Beurré précoce Morettini	Morettini		SP
Blanca de Aranjuez	Agua de Aranjuez, Espadona, Blanquilla		SP
Bon Rouge		Victoria Blush	L
Cape Rose		Cheeky ®	L
Carusella			SP
Castell	Castell de Verano		SP
Celina		QTee ®	L

Variety	Synonyms	Trade marks/Trade names	Size
Cepuna		Migo ®	L
CH201		Fred ®	L
Colorée de Juillet	Bunte Juli		SP
Comice rouge			L
Concorde			L
Condoula			SP
Coscia	Ercolini		SP
Curé	Curato, Pastoren, Del cura de Ouro, Espadon de invierno, Bella de Berry, Lombardia de Rioja, Batall de Campana		L
D'Anjou			L
Deveci			L
Dita			L
D. Joaquina	Doyenné de Juillet		SP
Doyenné d'hiver	Winterdechant		L
Doyenné du Comice	Comice, Vereinsdechant		L
Dpp1		Flare ™, Cape Fire ®	L
Erika			L
Etrusca			SP
Falstaff			L
Flamingo			L
Forelle		Vermont Beauty	L
Général Leclerc		Amber Grace ™	L
Gentile			SP
Golden Russet Bosc			L
Gräfin Gepa		Saxonia ®, Early Desire ®	L
Grand Champion			L
H2-169		Ambrosia ®	L
Harovin Sundown		Cold Snap ®	L
Harrow Delight			L
Jeanne d'Arc			L
Joséphine			L
Kieffer			L
Klapa Milule			L
Leonardeta	Mosqueruela, Margallon, Colorada de Alcanadre, Leonarda de Magallon		SP
Lombacad		Cascade ®	L
Moscarella			SP

Variety	Synonyms	Trade marks/Trade names	Size
Mramornaja			L
Mustafabey			SP
Nojabrskaja	Novemberbirne	Xenia ®, Novembra ®	L
Packham's Triumph	Williams d'Automne		L
Passe Crassane	Passa Crassana		L
PE2UNIBO		Early Giulia ®	L
PE3UNIBO		Debby Green ®	L
Perita de San Juan			SP
Pérola			SP
Pitmaston	Williams Duchesse		L
Précoce de Trévoux	Trévoux		SP
Président Drouard			L
Rode Doyenne van Doorn		Sweet Sensation ®, Sweet Dored ®	L
Rosemarie		Sempre	L
Santa Maria	Santa Maria Morettini		L
Spadoncina	Agua de Verano, Agua de Agosto		SP
Suvenirs			L
Taylors Gold			L
Thimo		Saxonia ®, Queens Forelle ™	L
Triomphe de Vienne			L
Uta		Dazzling Gold ®	L
Vasarine Sviestine			L
Williams Bon Chrétien	Bon Chrétien, Bartlett, Williams, Summer Bartlett		L

## **PART 7: MARKETING STANDARD FOR STRAWBERRIES**

### **I. DEFINITION OF PRODUCE**

This standard applies to strawberries of varieties (cultivars) grown from the genus *Fragaria* L. to be supplied fresh to the consumer, strawberries for industrial processing being excluded.

### **II. PROVISIONS CONCERNING QUALITY**

The purpose of the standard is to define the quality requirements for strawberries, after preparation and packaging.

However, at stages following dispatch products may show in relation to the requirements of the standard:

- a slight lack of freshness and turgidity,
- for products graded in classes other than the “Extra” Class, a slight deterioration due to their development and their tendency to perish.

#### **A. Minimum requirements**

In all classes, subject to the special provisions for each class and the tolerances allowed, the strawberries must be:

- intact, undamaged,
- sound; produce affected by rotting or deterioration such as to make it unfit for consumption is excluded,
- clean, practically free of any visible foreign matter,
- fresh in appearance, but not washed,
- practically free from pests,
- practically free from damage caused by pests,
- with the calyx (except in the case of wood strawberries); the calyx and the stalk (if present) must be fresh and green,
- free of abnormal external moisture,
- free of any foreign smell and/or taste.

The strawberries must be sufficiently developed and display satisfactory ripeness. The development and the condition must be such as to enable them:

- to withstand transportation and handling, and
- to arrive in satisfactory condition at the place of destination.

#### **B. Classification**

The strawberries are classified in three classes, as defined below:

##### **(i) “Extra” Class**

The strawberries in this class must be of superior quality. They must be characteristic of the variety.

They must be:

- bright in appearance, allowing for the characteristics of the variety,
- free from soil.

They must be free from defects with the exception of very slight superficial defects, provided these do not affect the general appearance of the produce, the quality, the keeping quality and presentation in the package.

(ii) Class I

Strawberries in this class must be of good quality. They must be characteristic of the variety.

The following slight defects, however, may be allowed provided these do not affect the general appearance of the produce, the quality, the keeping quality and presentation in the package:

- a slight defect in shape,
- presence of a small white patch, not exceeding one tenth of the total surface area of the fruit,
- slight superficial pressure marks.

They must be practically free from soil.

(iii) Class II

This class includes strawberries that do not qualify for inclusion in the higher classes, but satisfy the minimum requirements specified above.

The following defects may be allowed provided the strawberries retain their essential characteristics as regards the quality, the keeping quality and presentation:

- defects in shape,
- a white patch not exceeding one fifth of the total surface area of the fruit,
- slight dry bruising not likely to spread,
- slight traces of soil.

### III. PROVISIONS CONCERNING SIZING

Size is determined by the maximum diameter of the equatorial section.

The minimum size shall be:

- 25 mm in the “Extra” Class,
- 18 mm in Classes I and II.

There is no minimum size for wood strawberries.

### IV. PROVISIONS CONCERNING TOLERANCES

At all marketing stages, tolerances in respect of quality and size shall be allowed in each lot for produce not satisfying the requirements of the class indicated.

#### A. Quality tolerances

(i) “Extra” Class

A total tolerance of 5 per cent, by number or weight, of strawberries not satisfying the requirements of the class but meeting those of Class I is allowed. Within this tolerance not more than 0.5 per cent in total may consist of produce satisfying the requirements of Class II quality.

(ii) Class I

A total tolerance of 10 per cent, by number or weight, of strawberries not satisfying the requirements of the class but meeting those of Class II is allowed. Within this tolerance not more than 2 per cent in total may consist of produce satisfying neither the requirements of Class II quality nor the minimum requirements, or of produce affected by decay.

(iii) **Class II**

A total tolerance of 10 per cent, by number or weight, of strawberries satisfying neither the requirements of the class nor the minimum requirements is allowed. Within this tolerance not more than 2 per cent in total may consist of produce affected by decay.

**B. Size tolerances**

For all classes: a total tolerance of 10 per cent, by number or weight, of strawberries not satisfying the requirements as regards the minimum size is allowed.

**V. PROVISIONS CONCERNING PRESENTATION**

**A. Uniformity**

The contents of each package must be uniform and contain only strawberries of the same origin, variety and quality.

In the 'Extra' Class, strawberries, with the exception of wood strawberries, must be particularly uniform and regular with respect to degree of ripeness, colour and size. In Class I, strawberries may be less uniform in size.

The visible part of the contents of the package must be representative of the entire contents.

**B. Packaging**

The strawberries must be packed in such a way as to protect the produce properly.

The materials used inside the package must be clean and of a quality such as to avoid causing any external or internal damage to the produce. The use of materials, particularly of paper or stamps bearing trade specifications is allowed provided the printing or labelling has been done with non-toxic ink or glue.

Packages must be free of all foreign matter.

**VI. PROVISIONS CONCERNING MARKING**

Each package<sup>33</sup> must bear the following particulars, in letters grouped on the same side, legibly and indelibly marked, and visible from the outside:

**A. Identification**

Name and physical address of the packer and/or the dispatcher (for example street/city/region/postal code and, if different from the country of origin, the country).

This mention may be replaced:

- for all packages with the exception of pre-packages, by the officially issued or accepted code mark representing the packer and/or the dispatcher, indicated in close connection with the reference 'Packer and/or Dispatcher' (or equivalent abbreviations). The code mark shall be preceded by the ISO 3166 (alpha) country/area code of the recognising country, if not the country of origin;

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<sup>33</sup> These marking provisions do not apply to sales packages presented in packages. However, they do apply to sales packages presented separately.

- for pre-packages only, by the name and the address of a seller established within the Union indicated in close connection with the mention ‘Packed for:’ or an equivalent mention. In this case, the labelling shall also include a code representing the packer and/or the dispatcher. The seller shall give all information deemed necessary by the inspection body as to the meaning of this code.

**B. Nature of produce**

- ‘Strawberries’ if the contents of the package are not visible from the outside.
- Name of the variety (optional).

**C. Origin of produce**

Country of origin<sup>34</sup> and, optionally, district where grown or national, regional or local place name.

**D. Commercial specifications**

- Class.

**E. Official control mark (optional)**

Packages need not to bear the particulars mentioned in the first subparagraph, when they contain sales packages, clearly visible from the outside, and all bearing these particulars. These packages shall be free from any indications such as could mislead. When these packages are palletised, the particulars shall be given on a notice placed in an obvious position on at least two sides of the pallet.

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<sup>34</sup> The full or the commonly used name shall be indicated.

## **PART 8: MARKETING STANDARD FOR SWEET PEPPERS**

### **I. DEFINITION OF PRODUCE**

This standard applies to sweet peppers of varieties<sup>35</sup> (cultivars) grown from *Capsicum annuum* L., to be supplied fresh to the consumer, sweet peppers for industrial processing being excluded.

### **II. PROVISIONS CONCERNING QUALITY**

The purpose of the standard is to define the quality requirements for sweet peppers, after preparation and packaging.

However, at stages following dispatch products may show in relation to the requirements of the standard:

- a slight lack of freshness and turgidity,
- for products graded in classes other than the “Extra” Class, a slight deterioration due to their development and their tendency to perish.

#### **A. Minimum requirements**

In all classes, subject to the special provisions for each class and the tolerances allowed, the sweet peppers must be:

- intact,
- sound; produce affected by rotting or deterioration such as to make it unfit for consumption is excluded,
- clean, practically free of any visible foreign matter,
- fresh in appearance,
- firm,
- practically free from pests,
- free from damage caused by pests affecting the flesh,
- free of damage caused by low temperature or frost,
- with peduncles attached; the peduncle must be neatly cut and the calyx be intact,
- free of abnormal external moisture,
- free of any foreign smell and/or taste.

The development and condition of the sweet peppers must be such as to enable them to:

- withstand transport and handling, and
- arrive in satisfactory condition at the place of destination.

#### **B. Classification**

Sweet peppers are classified in three classes, as defined below:

(i) “Extra” Class

Sweet peppers in this class must be of superior quality. They must be characteristic of the variety and/or commercial type.

They must be free from defects, with the exception of very slight superficial defects, provided these do not affect the general appearance of the produce, the quality, the keeping quality and presentation in the package.

(ii) Class I

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<sup>35</sup> Some sweet pepper varieties may have hot taste. Examples of commercial varieties of sweet peppers having a slightly hot taste are Sivri, Padron, and Somborka.

Sweet peppers in this class must be of good quality. They must be characteristic of the variety and/or commercial type.

The following slight defects, however, may be allowed, provided these do not affect the general appearance of the produce, the quality, the keeping quality and presentation in the package:

- a slight defect in shape,
- slight silvering or damage caused by thrips covering not more than 1/3 of the total surface area,
- slight skin defects, such as:
  - pitting, scratching, sunburn, pressure marks covering in total not more than 2 cm for defects of elongated shape, and 1cm<sup>2</sup> for other defects; or
  - dry superficial cracks covering in total not more than 1/8 of the total surface area,
- slightly damaged peduncle.

(iii) Class II

This class includes sweet peppers which do not qualify for inclusion in the higher classes but satisfy the minimum requirements specified above.

The following defects may be allowed provided the sweet peppers retain their essential characteristics as regards the quality, the keeping quality and presentation:

- defects in shape,
- silvering or damage caused by thrips covering not more than 2/3 of the total surface area,
- skin defects, such as:
  - pitting, scratching, sunburn, bruising, and healed injuries covering in total not more than 4 cm in length for defects of elongated shape and 2.5 cm<sup>2</sup> of the total area for other defects; or
  - dry superficial cracks covering in total not more than 1/4 of the total surface area
- blossom end deterioration not more than 1 cm<sup>2</sup>,
- shrivelling not exceeding 1/3 of the surface,
- damaged peduncle and calyx, provided the surrounding flesh remains intact.

### III. PROVISIONS CONCERNING SIZING

Size is determined by the maximum diameter of the equatorial section or by weight. To ensure uniformity in size, the range in size between produce in the same package shall not exceed:

- (a) For sweet peppers sized by diameter:
  - 20 mm.
- (b) For sweet peppers sized by weight:
  - 30 g where the heaviest piece weighs 180 g or less,
  - 80 g where the lightest piece weighs more than 180 g but less than 260,
  - No limit where the lightest piece weighs 260 g or more.

Elongated sweet peppers should be sufficiently uniform in length.

Uniformity in size is not compulsory for Class II.

#### **IV. PROVISIONS CONCERNING TOLERANCES**

At all marketing stages, tolerances in respect of quality and size shall be allowed in each lot for produce not satisfying the requirements of the class indicated.

##### **A. Quality tolerances**

###### **(i) “Extra” Class**

A total tolerance of 5 per cent, by number or weight, of sweet peppers not satisfying the requirements of the class but meeting those of Class I is allowed. Within this tolerance not more than 0.5 per cent in total may consist of produce satisfying the requirements of Class II quality.

###### **(ii) Class I**

A total tolerance of 10 per cent, by number or weight, of sweet peppers not satisfying the requirements of the class, but meeting those of Class II is allowed. Within this tolerance not more than 1 per cent in total may consist of produce satisfying neither the requirements of Class II quality nor the minimum requirements or of produce affected by decay.

###### **(iii) Class II**

A total tolerance of 10 per cent, by number or weight, of sweet peppers satisfying neither the requirements of the class nor the minimum requirements is allowed. Within this tolerance not more than 2 per cent in total may consist of produce affected by decay.

##### **B. Size tolerances**

For all classes (if sized): a total tolerance of 10 per cent, by number or weight, of sweet peppers not satisfying the requirements as regards sizing is allowed.

#### **V. PROVISIONS CONCERNING PRESENTATION**

##### **A. Uniformity**

The contents of each package must be uniform and contain only sweet peppers of the same origin, variety or commercial type, quality, size (if sized) and, in the case of the “Extra” Class and Class I, of appreciably the same degree of ripeness and colouring.

However, a mixture of sweet peppers of distinctly different commercial types and/or colours may be packed together in a package, provided they are uniform in quality, and for each commercial type and/or colour concerned, in origin. Uniformity in size is not required.

The visible part of the contents of the package must be representative of the entire contents.

##### **B. Packaging**

The sweet peppers must be packed in such a way as to protect the produce properly.

The materials used inside the package must be clean and of a quality such as to avoid causing any external or internal damage to the produce. The use of materials, particularly paper or stamps bearing trade specifications is allowed, provided the printing or labelling has been done with non-toxic ink or glue.

Stickers individually affixed on the produce shall be such that, when removed, they neither leave visible traces of glue, nor lead to skin defects. Information lasered on single fruit should not lead to flesh or skin defect.

Packages must be free of all foreign matter.

## VI. PROVISIONS CONCERNING MARKING

Each package<sup>36</sup> must bear the following particulars, in letters grouped on the same side, legibly and indelibly marked, and visible from the outside:

### A. Identification

Name and physical address of the packer and/or the dispatcher (for example street/city/region/postal code and, if different from the country of origin, the country).

This mention may be replaced:

- for all packages with the exception of pre-packages, by the officially issued or accepted code mark representing the packer and/or the dispatcher, indicated in close connection with the reference ‘Packer and/or Dispatcher’ (or equivalent abbreviations). The code mark shall be preceded by the ISO 3166 (alpha) country/area code of the recognising country, if not the country of origin;
- for pre-packages only, by the name and the address of a seller established within the Union indicated in close connection with the mention ‘Packed for:’ or an equivalent mention. In this case, the labelling shall also include a code representing the packer and/or the dispatcher. The seller shall give all information deemed necessary by the inspection body as to the meaning of this code.

### B. Nature of produce

- ‘Sweet peppers’ if the contents are not visible from the outside.
- “Mixture of sweet peppers”, or equivalent denomination, in the case of a mixture of distinctly different commercial types and/or colours of sweet peppers. If the produce is not visible from the outside, the commercial types and/or colours and the quantity of each in the package must be indicated.

### C. Origin of produce

Country of origin<sup>37</sup> and, optionally, district where grown or national, regional or local place name.

In the case of a mixture of distinctly different commercial types and/or colours of sweet peppers of different origins, the indication of each country of origin shall appear next to the name of the commercial type and/or colour concerned.

### D. Commercial specifications

- Class.
- Size (if sized) expressed as minimum and maximum diameters or minimum and maximum weights.
- Number of units (optional).
- “(Name of type or variety) may have a slightly hot taste“ or equivalent denomination, where appropriate.

### E. Official control mark (optional)

Packages need not to bear the particulars mentioned in the first subparagraph, when they contain sales packages, clearly visible from the outside, and all bearing these particulars. These packages shall be free from any indications such as could mislead. When these packages are palletised, the particulars shall be given on a notice placed in an obvious position on at least two sides of the pallet.

## PART 9: MARKETING STANDARD FOR TABLE GRAPES

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<sup>36</sup> These marking provisions do not apply to sales packages presented in packages. However, they do apply to sales packages presented separately.

<sup>37</sup> The full or the commonly used name shall be indicated.

## **I. DEFINITION OF PRODUCE**

This standard applies to table grapes of varieties (cultivars) grown from *Vitis vinifera* L. to be supplied fresh to the consumer, table grapes for industrial processing being excluded.

## **II. PROVISIONS CONCERNING QUALITY**

The purpose of the standard is to define the quality requirements for table grapes, after preparation and packaging.

However, at stages following dispatch products may show in relation to the requirements of the standard:

- a slight lack of freshness and turgidity,
- for products graded in classes other than the “Extra” Class, a slight deterioration due to their development and their tendency to perish.

### **A. Minimum requirements**

In all classes, subject to the special provisions for each class and the tolerances allowed, bunches and berries must be:

- sound; produce affected by rotting or deterioration such as to make it unfit for consumption is excluded,
- clean, practically free of any visible foreign matter,
- practically free from pests,
- practically free from damage caused by pests,
- free of abnormal external moisture,
- free of any foreign smell and/or taste.

In addition, berries must be:

- intact,
- well formed,
- normally developed.

Pigmentation due to sun is not a defect.

The development and condition of the table grapes must be such as to enable them:

- to withstand transportation and handling, and
- to arrive in satisfactory condition at the place of destination.

### **B. Maturity requirements**

The juice of the fruit shall have a refractometric index<sup>38</sup> of at least:

- 12 ° Brix for the Alphonse Lavallée, Cardinal and Victoria varieties,
- 13 ° Brix for all other seeded varieties,
- 14 ° Brix for all seedless varieties.

In addition, all varieties must have satisfactory sugar/acidity ratio levels.

### **C. Classification**

The table grapes are classified into three classes defined below:

- (i) “Extra” Class

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<sup>38</sup> Calculated as described in the OECD guidance on objective tests, available at: <http://www.oecd.org/agriculture/fruit-vegetables/publications>.

Table grapes in this class must be of superior quality. They must be characteristic of the variety, allowing for the district in which they are grown.

Berries must be firm, firmly attached, evenly spaced along the stalk and have their bloom virtually intact.

They must be free from defects, with the exception of very slight superficial defects, provided these do not affect the general appearance of the produce, the quality, the keeping quality and presentation in the package.

(ii) Class I

Table grapes in this class must be of good quality. They must be characteristic of the variety, allowing for the district in which they are grown.

Berries must be firm, firmly attached and, as far as possible, have their bloom intact. They may, however, be less evenly spaced along the stalk than in the "Extra" Class.

The following slight defects, however, may be allowed, provided these do not affect the general appearance of the produce, the quality, the keeping quality, and presentation in the package:

- a slight defect in shape,
- slight defects in colouring,
- very slight sun scorch affecting the skin only,
- slight skin defects.

(iii) Class II

This class includes table grapes that do not qualify for inclusion in the higher classes, but satisfy the minimum requirements specified above.

The bunches may show slight defects in shape, development and colouring, provided these do not impair the essential characteristics of the variety, allowing for the district in which they are grown.

The berries must be sufficiently firm and sufficiently firmly attached, and, where possible, still have their bloom. They may be less evenly spaced along the stalk than in Class I.

The following defects may be allowed provided the table grapes retain their essential characteristics as regards the quality, the keeping quality and presentation:

- defects in shape,
- defects in colouring,
- slight sun scorch affecting the skin only,
- slight bruising,
- skin defects.

### **III. PROVISIONS CONCERNING SIZING**

Size is determined by the weight of the bunch.

The minimum bunch weight shall be 75 g for the "Extra" Class and Class I. This provision does not apply to packages intended for single servings in all classes.

### **IV. PROVISIONS CONCERNING TOLERANCES**

At all marketing stages, tolerances in respect of quality and size shall be allowed in each lot for produce not satisfying the requirements of the class indicated.

#### **A. Quality tolerances**

- i) "Extra" Class

A total tolerance of 5 per cent, by weight, of bunches not satisfying the requirements of the class, but meeting those for Class I is allowed. Within this tolerance not more than 0.5 per cent in total may consist of produce satisfying the requirements of Class II quality.

ii) Class I

A total tolerance of 10 per cent, by weight, of bunches not satisfying the requirements of the class, but meeting those of Class II is allowed. Within this tolerance not more than 1 per cent in total may consist of produce satisfying neither the requirements of Class II quality nor the minimum requirements, or of produce affected by decay.

In addition to those tolerances, a maximum of 10 per cent, by weight, of loose berries, i.e. berries detached from the bunch/cluster, are allowed provided that the berries are sound and intact.

iii) Class II

A total tolerance of 10 per cent, by weight, of bunches satisfying neither the requirements of the class nor the minimum requirements is allowed. Within this tolerance not more than 2 per cent in total may consist of produce affected by decay.

In addition to those tolerances, a maximum of 10 per cent, by weight, of loose berries, i.e. berries detached from the bunch/cluster, are allowed provided that the berries are sound and intact.

**B. Size tolerances**

For all classes (if sized): a total tolerance of 10 per cent, by weight, of bunches not satisfying the requirements as regards sizing is allowed. In each sales package (except for single servings), one bunch weighing less than 75 g is allowed to adjust the weight, provided the bunch meets all other requirements of the specified class.

**V. PROVISIONS CONCERNING PRESENTATION**

**A. Uniformity**

The contents of each package must be uniform and contain only bunches of the same origin, variety, quality and degree of ripeness.

In the case of the “Extra” Class, the bunches must be approximately uniform in size and colouring.

However, a mixture of table grapes of distinctly different varieties may be packed together in a package, provided they are uniform in quality and, for each variety concerned, in origin.

The visible part of the contents of the package must be representative of the entire contents.

**B. Packaging**

The table grapes must be packed in such a way as to protect the produce properly.

The materials used inside the package must be clean and of a quality such as to avoid causing any external or internal damage to the produce. The use of materials, particularly paper or stamps, bearing trade specifications is allowed provided the printing or labelling has been done with non-toxic ink or glue.

Stickers individually affixed on the produce shall be such that, when removed, they neither leave visible traces of glue, nor lead to skin defects.

Packages must be free of all foreign matter, although a fragment of vine shoot no more than 5 cm in length may be left on the stem of the bunch as a form of special presentation.

## VI. PROVISIONS CONCERNING MARKING

Each package<sup>39</sup> must bear the following particulars in letters grouped on the same side, legibly and indelibly marked, and visible from the outside:

### A. Identification

Name and physical address of the packer and/or the dispatcher (for example street/city/region/postal code and, if different from the country of origin, the country).

This mention may be replaced:

- for all packages with the exception of pre-packages, by the officially issued or accepted code mark representing the packer and/or the dispatcher, indicated in close connection with the reference ‘Packer and/or Dispatcher’ (or equivalent abbreviations). The code mark shall be preceded by the ISO 3166 (alpha) country/area code of the recognising country, if not the country of origin;
- for pre-packages only, by the name and the address of a seller established within the Union indicated in close connection with the mention ‘Packed for:’ or an equivalent mention. In this case, the labelling shall also include a code representing the packer and/or the dispatcher. The seller shall give all information deemed necessary by the inspection body as to the meaning of this code.

### B. Nature of produce

- ‘Table Grapes’ if the contents are not visible from the outside.
- Name of the variety. In the case of a mixture of table grapes of distinctly different varieties, names of the different varieties.

The name of the variety can be replaced by a synonym. A trade name<sup>40</sup> can only be given in addition to the variety or the synonym.

### C. Origin of produce

- Country of origin<sup>41</sup> and, optionally, district where grown, or national, regional or local place name.
- In the case of a mixture of distinctly different varieties of table grapes of different origins, the indication of each country of origin shall appear next to the name of the variety concerned.

### D. Commercial specifications

- Class.
- ‘Bunches below 75 g intended for single servings’ or equivalent denomination, where appropriate.

### E. Official control mark (optional)

Packages need not to bear the particulars mentioned in the first subparagraph, when they contain sales packages, clearly visible from the outside, and all bearing these particulars. These packages shall be free from any indications such as could mislead. When these packages are palletised, the particulars shall be given on a notice placed in an obvious position on at least two sides of the pallet.

## PART 10: MARKETING STANDARD FOR TOMATOES

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<sup>39</sup> These marking provisions do not apply to sales packages presented in packages. However, they do apply to sales packages presented separately.

<sup>40</sup> A trade name can be a trademark for which protection has been sought or obtained or any other commercial denomination.

<sup>41</sup> The full or the commonly used name shall be indicated.

## **I. DEFINITION OF PRODUCE**

This standard applies to tomatoes of varieties (cultivars) grown from *Solanum lycopersicum* L. to be supplied fresh to the consumer, tomatoes for industrial processing being excluded.

Tomatoes may be classified into four commercial types:

- “round”,
- “ribbed”,
- “oblong” or “elongated”,
- “cherry/cocktail” tomatoes (miniature varieties) of all shapes.

## **II. PROVISIONS CONCERNING QUALITY**

The purpose of the standard is to define the quality requirements for tomatoes, after preparation and packaging.

However, at stages following dispatch products may show in relation to the requirements of the standard:

- a slight lack of freshness and turgidity,
- for products graded in classes other than the “Extra” Class, a slight deterioration due to their development and their tendency to perish.

### **A. Minimum requirements**

In all classes, subject to the special provisions for each class and the tolerances allowed, the tomatoes must be:

- intact,
- sound, produce affected by rotting or deterioration such as to make it unfit for consumption is excluded,
- clean, practically free of any visible foreign matter,
- fresh in appearance,
- practically free from pests,
- free from damage caused by pests affecting the flesh,
- free of abnormal external moisture,
- free of any foreign smell and/or taste.

In the case of trusses of tomatoes, the stalks must be fresh, healthy, clean and free from all leaves and any visible foreign matter.

The development and condition of the tomatoes must be such as to enable them:

- to withstand transportation and handling, and
- to arrive in satisfactory condition at the place of destination.

### **B. Maturity requirements**

The development and state of maturity of the tomatoes must be such as to enable them to continue their ripening process and to reach a satisfactory degree of ripeness.

### **C. Classification**

Tomatoes are classified in three classes, as defined below:

#### **(i) “Extra” Class**

Tomatoes in this class must be of superior quality. They must be firm and characteristic of the variety and/or commercial type.

They must be free from greenbacks and other defects, with the exception of very slight superficial defects, provided these do not affect the general appearance of the produce, the quality, the keeping quality and presentation in the package.

(ii) Class I

Tomatoes in this class must be of good quality. They must be reasonably firm and characteristic of the variety and/or commercial type.

They must be free of cracks and visible greenbacks.

The following slight defects, however, may be allowed provided these do not affect the general appearance of the produce, the quality, the keeping quality and presentation in the package:

- a slight defect in shape and development,
- slight defects in colouring,
- slight skin defects,
- very slight bruises.

Furthermore, "ribbed" tomatoes may show:

- healed cracks not more than 1 cm long,
- no excessive protuberances,
- small umbilicus, but no suberisation,
- suberisation of the stigma up to 1 cm<sup>2</sup>,
- fine blossom scar in elongated form (like a seam), but not longer than two-thirds of the greatest diameter of the fruit.

(iii) Class II

This class includes tomatoes which do not qualify for inclusion in the higher classes, but satisfy the minimum requirements specified above.

They must be reasonably firm (but may be slightly less firm than in Class I) and must not show unhealed cracks.

The following defects may be allowed provided the tomatoes retain their essential characteristics as regards the quality, the keeping quality and presentation:

- defects in shape and development,
- defects in colouring,
- skin defects or bruises, provided the fruit is not seriously affected,
- healed cracks not more than 3 cm in length for round, ribbed or oblong tomatoes.

Furthermore, "ribbed" tomatoes may show:

- more pronounced protuberances than allowed under Class I, but without being misshapen,
- an umbilicus,
- suberisation of the stigma up to 2 cm<sup>2</sup>,
- fine blossom scar in elongated form (like a seam).

### III. PROVISIONS CONCERNING SIZING

Size is determined by the maximum diameter of the equatorial section, by weight or by count.

The following provisions shall not apply to trusses of tomatoes and are optional for:

- cherry and cocktail tomatoes below 40 mm in diameter;
- ribbed tomatoes of irregular shape; and

- Class II.

To ensure uniformity in size, the range in size between produce in the same package shall not exceed:

- (a) For tomatoes sized by diameter:
- 10 mm, if the diameter of the smallest fruit (as indicated on the package) is under 50 mm,
  - 15 mm, if the diameter of the smallest fruit (as indicated on the package) is 50 mm and over but under 70 mm,
  - 20 mm, if the diameter of the smallest fruit (as indicated on the package) is 70 mm and over but under 100 mm,
  - there is no limitation of difference in diameter for fruit equal or over 100 mm.

In case size codes are applied, the codes and ranges in the following table have to be respected:

Size code	Diameter (mm)
0	$\leq 20$
1	$> 20 \leq 25$
2	$> 25 \leq 30$
3	$> 30 \leq 35$
4	$> 35 \leq 40$
5	$> 40 \leq 47$
6	$> 47 \leq 57$
7	$> 57 \leq 67$
8	$> 67 \leq 82$
9	$> 82 \leq 102$
10	$> 102$

- (b) For tomatoes sized by weight or by count, the difference in size should be consistent with the difference indicated in point (a).

#### IV. PROVISIONS CONCERNING TOLERANCES

At all marketing stages, tolerances in respect of quality and size shall be allowed in each lot for produce not satisfying the requirements of the class indicated.

##### A. Quality tolerances

- (i) "Extra" Class

A total tolerance of 5 per cent, by number or weight, of tomatoes not satisfying the requirements of the class but meeting those of Class I is allowed. Within this tolerance not more than 0.5 per cent in total may consist of produce satisfying the requirements of Class II quality.

- (ii) Class I

A total tolerance of 10 per cent, by number or weight, of tomatoes not satisfying the requirements of the class but meeting those of Class II is allowed. Within this tolerance not more than 1 per cent in total may consist of produce neither satisfying the

requirements of Class II quality nor the minimum requirements, or of produce affected by decay.

In the case of trusses of tomatoes, 5 percent, by number or weight, of tomatoes detached from the stalk is allowed.

(iii) **Class II**

A total tolerance of 10 per cent, by number or weight, of tomatoes satisfying neither the requirements of the class nor the minimum requirements is allowed. Within this tolerance not more than 2 per cent in total may consist of produce affected by decay.

In the case of trusses of tomatoes, 10 percent, by number or weight, of tomatoes detached from the stalk is allowed.

**B. Size tolerances**

For all classes: a total tolerance of 10 per cent, by number or weight, of tomatoes not satisfying the requirements as regards sizing is allowed.

**V. PROVISIONS CONCERNING PRESENTATION**

**A. Uniformity**

The contents of each package must be uniform and contain only tomatoes of the same origin, variety or commercial type, quality and size (if sized).

The ripeness and colouring of tomatoes in the “Extra” Class and Class I must be practically uniform. In addition, the length of “oblong” tomatoes must be sufficiently uniform.

However, a mixture of tomatoes of distinctly different colours, varieties and/or commercial types may be packed together in a package, provided they are uniform in quality and, for each colour, variety and/or commercial type concerned, in origin. Uniformity in size is not required.

The visible part of the contents of the package must be representative of the entire contents.

**B. Packaging**

Tomatoes must be packed in such a way as to protect the produce properly.

The materials used inside the package must be clean and of a quality such as to avoid causing any external or internal damage to the produce. The use of materials, particularly paper or stamps bearing trade specifications is allowed provided the printing or labelling has been done with non-toxic ink or glue.

Stickers individually affixed to the produce shall be such that, when removed, they neither leave visible traces of glue nor lead to skin defects. Information lasered on single fruit should not lead to flesh or skin defects.

Packages must be free of all foreign matter.

**VI. PROVISIONS CONCERNING MARKING**

Each package<sup>42</sup> must bear the following particulars in letters grouped on the same side, legibly and indelibly marked and visible from the outside:

**A. Identification**

Name and physical address of the packer and/or the dispatcher (for example street/city/region/postal code and, if different from the country of origin, the country).

This mention may be replaced:

- for all packages with the exception of pre-packages, by the officially issued or accepted code mark representing the packer and/or the dispatcher, indicated in close connection with the reference ‘Packer and/or Dispatcher’ (or equivalent abbreviations). The code

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<sup>42</sup> These marking provisions do not apply to sales packages presented in packages. However, they do apply to sales packages presented separately.

mark shall be preceded by the ISO 3166 (alpha) country/area code of the recognising country, if not the country of origin;

- for pre-packages only, by the name and the address of a seller established within the Union indicated in close connection with the mention ‘Packed for:’ or an equivalent mention. In this case, the labelling shall also include a code representing the packer and/or the dispatcher. The seller shall give all information deemed necessary by the inspection body as to the meaning of this code.

**B. Nature of produce**

- “Tomatoes” or “trusses of tomatoes” and the commercial type, or “cherry/cocktail tomatoes” or “trusses of cherry/cocktail tomatoes”) or equivalent denomination for other miniature varieties if the contents are not visible from the outside.
- “Mixture of tomatoes”, or equivalent denomination, in the case of a mixture of distinctly different varieties, commercial types and/or colours of tomatoes. If the produce is not visible from the outside, the colours, varieties or commercial types and the quantity of each in the package must be indicated.
- Name of the variety (optional).

**C. Origin of produce**

Country of origin<sup>43</sup> and, optionally, district where grown, or national, regional or local place name.

In the case of a mixture of distinctly different colours, varieties and/or commercial types of tomatoes of different origins, the indication of each country of origin shall appear next to the name of the colour, variety and/or commercial type concerned.

**D. Commercial specifications**

- Class.
- Size (if sized) expressed as
  - minimum and maximum diameters; or
  - minimum and maximum weights; or
  - size code as specified in Section III; or
  - count followed by the minimum and maximum sizes.

**E. Official control mark (optional)**

Packages need not to bear the particulars mentioned in the first subparagraph, when they contain sales packages, clearly visible from the outside, and all bearing these particulars. These packages shall be free from any indications such as could mislead. When these packages are palletised, the particulars shall be given on a notice placed in an obvious position on at least two sides of the pallet.’

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<sup>43</sup> The full or the commonly used name shall be indicated.