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**Economic Commission for Europe**

Steering Committee on Trade Capacity and Standards

**Working Party on Agricultural Quality Standards**

**Specialized Section on Standardization**

**of Fresh Fruit and Vegetables**

**Sixty-fifth session**

Geneva, 2-5 May 2017

Item 3 of the provisional agenda

**Revision of UNECE Standards**

POST SESSION DOCUMENT

Revision of UNECE Standards – Plums

All agreed changes are highlighted.

Open for consultations until the end of June 2017

UNECE Standard FFV-29 concerning the marketing and commercial quality control of Plums

I. Definition of produce

This standard applies to plums of varieties (cultivars) grown from:

* *Prunus domestica* L. subsp. *domestica*
* *Prunus domestica* subsp. *insititia* (L.) C. K. Schneid.
* *Prunus domestica* subsp. *italica* (Borkh.) Gams
* *Prunus domestica* subsp. *syriaca* (Borkh.) Janch.
* *Prunus salicina* Lindl
* inter-specific hybrids derived from plums (*Prunus domestica* or *Prunus salicina*) and apricot (*Prunus armeniaca*) showing plum characteristics.

to be supplied fresh to the consumer, plums for industrial processing being excluded.

II. Provisions concerning quality

The purpose of the standard is to define the quality requirements for plums at the export-control stage after preparation and packaging.

However, if applied at stages following export, 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.

The holder/seller of products may not display such products or offer them for sale, or deliver or market them in any manner other than in conformity with this standard. The holder/seller shall be responsible for observing such conformity..

A. Minimum requirements

In all classes, subject to the special provisions for each class and the tolerances allowed, the plums 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 abnormal external moisture
* free of any foreign smell and/or taste.

The plums must be sufficiently developed and display satisfactory ripeness.

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

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

B. Classification

Plums are classified in three classes, as defined below:

*(i) "Extra" Class*

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

They must be:

* practically covered by their bloom, according to variety
* of firm flesh.

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*

Plums 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
* a slight defect in development
* slight defects in colouring
* slight skin defects of elongated shape must not exceed in length one‑third of the maximum diameter of the fruit. In particular, healed cracks may be allowed for "Golden gage" varieties[[1]](#footnote-2)
* other slight skin defects of which the total area affected must not exceed one‑sixteenth of the whole surface.

*(iii) Class II*

This class includes plums 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 plums retain their essential characteristics as regards the quality, the keeping quality and presentation:

* defects in shape
* defects in development
* defects in colouring
* skin defects of which the total area affected must not exceed one-quarter of the whole surface.

III. Provisions concerning sizing

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

The minimum sizes shall be as follows:

|  |  |  |
| --- | --- | --- |
|  | **Classes "Extra" and I** | **Class II** |
| Large-fruited varieties[[2]](#footnote-3) | 35 mm | 30 mm |
| Other varieties | 28 mm | 25 mm |
| Mirabelles and Damsons | 20 mm | 17 mm |

To ensure uniformity in size in the "Extra" Class, the range in size between produce in the same package shall not exceed 10 mm.

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 plums 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 plums 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.

Within this tolerance of 10 per cent, not more than 2 per cent in total may consist of split and/or worm eaten fruit.

*(iii) Class II*

A total tolerance of 10 per cent, by number or weight, of plums 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.

Within this tolerance of 10 per cent, not more than 4 per cent in total may consist of split and/or worm-eaten fruit.

B. Size tolerances

For all classes (if sized): a total tolerance of 10 per cent, by number or weight, of plums not satisfying the requirements as regards sizing is allowed. **~~This tolerance may not be extended to include produce 3 mm below the minimum size.~~**

V. Provisions concerning presentation

A. Uniformity

The contents of each package must be uniform and contain only plums of the same origin, variety, quality and size (if sized), and for the "Extra" Class, the contents must also be uniform in colour.

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

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

B. Packaging

Plums 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 and 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.

Packages must be free of all foreign matter.

VI. Provisions concerning marking

Each package[[3]](#footnote-4) must bear the following particulars, in letters grouped on the same side, legibly and indelibly marked, and visible from the outside:

A. Identification

Packer and/or dispatcher/shipper:

Name and physical address (e.g. street/city/region/postal code and, if different from the country of origin, the country) or a code mark officially recognized by the national authority[[4]](#footnote-5).

B. Nature of produce

* "Plums" or, where appropriate, “plum-apricot hybrids” or an equivalent denomination if the contents are not visible from the outside
* Name of the variety.

The name of the variety can be replaced by a synonym. A trade name[[5]](#footnote-6) can only be given in addition to the variety or the synonym.

“Mixture of plums”, or equivalent denomination, in the case of a mixture of distinctly different varieties of plums. If the produce is not visible from the outside, the varieties and the quantity of each in the package must be indicated.”

C. Origin of produce

* Country of origin[[6]](#footnote-7) and, optionally, district where grown, or national, regional or local place name.

In the case of a mixture of distinctly different varieties of plums 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 (if sized) expressed in minimum and maximum diameter.

E. Official control mark (optional)

Annex

Lists of varieties

Some of the varieties listed in the following may be marketed under names for which trademark protection has been sought or obtained in one or more countries. Names believed by the United Nations to be varietal names are listed in the first column. Other names by which the United Nations believes the variety may be known are listed in the second column. Neither of these two lists is intended to include trademarks in the first two columns. References to known trademarks have been included in the third column for information only. The presence of any trademarks in the third column does not constitute any licence or permission to use that trademark – such licence must come directly from the trademark owner. In addition, the absence of a trademark in the third column does not constitute any indication that there is no registered/pending trademark for such a variety. For labelling requirements please refer to section VI of the standard.[[7]](#footnote-8)

Non-exhaustive list of large-fruited varieties of *Prunus domestica*

| ***Variety*** | ***Synonyms*** | ***Trademarks*** |
| --- | --- | --- |
| Aleksona |  |  |
| Apple |  |  |
| Ariel |  |  |
| Belle de Louvain | Bella di Lovanio |  |
| Bernardina |  |  |
| Bluefre | Blue Fré |  |
| Cacanska lepotica | Belle de Cacak, Cacaks Beauty,  Cacaks Schöne |  |
| Cacanska najbolja | Meilleure de Cacak, Cacaks Beste |  |
| Cacanska rana | Précoce de Cacak, Cacaks Frühe |  |
| California Blue | California Blu |  |
| Carpatin |  |  |
| Centenar |  |  |
| Coe’s Golden Drop |  |  |
| De Fraile | Fraila |  |
| Denniston Superb |  |  |
| Edwards | Colbus |  |
| Emma Leppermann |  |  |
| Empress |  |  |
| Erfdeel |  |  |
| Ersinger Frühzwetsche | Ersinger |  |
| Giant | Burbank Giant Prune |  |
| Grand Prix | Grand Prize |  |
| Haganta |  |  |
| Hanita |  |  |
| Hall |  |  |
| Harris Monarch | Harris |  |
| Heron |  |  |
| Impérial Epineuse |  |  |
| Janand |  |  |
| Jefferson | Jefferson’s Gage |  |
| Jojo |  |  |
| Jori’s Plum |  |  |
| Jubileum |  |  |
| June Blood |  |  |
| Magna Glauca |  |  |
| Manns Number One |  |  |
| Marjorie’s Seedling |  |  |
| Merton Gage | Merton, Mereton |  |
| Merton Gem |  |  |
| Monarch |  |  |
| Monsieur hâtif | Early Orleans |  |
| Nueva Extremadura |  |  |
| Oneida |  |  |
| Ontario | Ontariopflaume |  |
| Pitestean |  |  |
| Pond’s Seedling |  |  |
| President |  |  |
| Prince Engelbert |  |  |
| Prince of Wales | Prince de Galles |  |
| Prof. Collumbien |  |  |
| Prune Martin |  |  |
| Queen’s Crown | Cox’s Emperor |  |
| Quetsche Blanche de Létricourt | Quetsche de Létricourt |  |
| Rausve |  |  |
| Regina Claudia Mostruosa |  |  |
| Regina d’Italia |  |  |
| Reine-Claude d’Althan | Falso, Althans Reneklode |  |
| Reine-Claude d’Oullin’s | Oullin’s Gage, Oullins Reneklode |  |
| Seneca |  |  |
| Skalve |  |  |
| Staro vengrine |  |  |
| Sugar Prune |  |  |
| Sultan |  |  |
| Swan Gage |  |  |
| Topend Plus |  |  |
| Topimmun Plus |  |  |
| Tophit Plus |  |  |
| Toptaste |  |  |
| Tragedy |  |  |
| Utility | Laxton’s Utility |  |
| Valerie |  |  |
| Valor |  |  |
| Vanette |  |  |
| Victoria | Königin Viktoria |  |
| Vision |  |  |
| Washington |  |  |

Non-exhaustive list of large-fruited varieties of *Prunus salicina*

| ***Variety*** | ***Synonyms*** | ***Trademarks*** |
| --- | --- | --- |
| Akihime |  |  |
| Allo |  |  |
| Andy’s Pride |  |  |
| Anne Gold |  |  |
| Aphrodite |  |  |
| ARC PR-1 |  | Sun Supreme ™ |
| ARC PR-2 |  | African Delight ™ |
| ARC PR-3 |  | African Pride ™ |
| ARC PR-4 |  | African Rose ™ |
| August Candy |  |  |
| August Majesty |  |  |
| August Yummy |  | August Yummy® |
| Autumn Black |  |  |
| Autumn Giant |  |  |
| Autumn Pride |  |  |
| Autumn Yummy |  | Autumn Yummy® |
| Awaso |  |  |
| Beaut Sun |  |  |
| Beauty | Beaty |  |
| Bella di Barbiano |  |  |
| Betty Anne |  |  |
| Big Red |  |  |
| Black Amber |  |  |
| Black Beaut |  |  |
| Black Candy |  |  |
| Black Delight |  |  |
| Black Egg |  |  |
| Black Garabedian |  |  |
| Black Gold |  |  |
| Black Rosa |  |  |
| Black Royal |  |  |
| Black Star |  |  |
| Black Sun |  |  |
| Bragialla |  |  |
| Brarossa |  |  |
| Brave Heart |  |  |
| Burbank |  |  |
| Burmosa |  |  |
| Calita |  |  |
| Candy Beaut |  |  |
| Candy Gem |  |  |
| Candy Giant |  |  |
| Candy Rosa |  |  |
| Casselman | Kesselman |  |
| Catalina |  |  |
| Celebration |  |  |
| Centenaria |  |  |
| Constanza |  |  |
| Crimson Glo |  |  |
| Crocodile Dundee |  |  |
| Damask Heart |  |  |
| Del Rey Sun |  |  |
| Delbarazur |  |  |
| Dofi Sandra |  |  |
| Dolar |  |  |
| Earlamoon |  |  |
| Earliqueen |  |  |
| Eclipse |  |  |
| Eldorado |  |  |
| Emerald Beaut |  |  |
| Eric Sun |  |  |
| Extreme |  |  |
| Fallette |  |  |
| Florence |  | Ruby Crunch® |
| Formosa |  |  |
| Fortune |  |  |
| Friar |  |  |
| Frontier |  |  |
| Gaia |  |  |
| Gavearli |  |  |
| Gaviota |  |  |
| Globe Sun |  |  |
| Goccia d'Oro |  |  |
| Golden Japan | Shiro |  |
| Golden King |  |  |
| Golden Kiss |  | African Pride ™ |
| Golden Plum |  |  |
| Golden Plumza |  |  |
| Goldsweet 4 |  |  |
| Grand Rosa |  |  |
| Green Red |  |  |
| Green Sun |  |  |
| Grenadine |  |  |
| Gulfbeauty |  |  |
| Gulfblaze |  |  |
| Gulfrose |  |  |
| Hackman |  |  |
| Harry Pickstone |  |  |
| Hiromi Red |  |  |
| Holiday |  |  |
| HoneyDawn |  |  |
| HoneyMoon |  |  |
| Honey Star |  |  |
| Honey Sweet 1 |  |  |
| Howard Sun |  |  |
| Joanna Red |  |  |
| Kelsey |  |  |
| Lady Red |  |  |
| Lady West |  |  |
| Laetitia |  |  |
| Lamoon |  |  |
| Laroda |  |  |
| Larry Ann | Larry Anne, Tegan Blue, Freedom |  |
| Late Lamoon |  |  |
| Late Red |  |  |
| Late Santa Rosa |  |  |
| Linda Rosa |  |  |
| Luisa |  |  |
| Mann |  |  |
| Mariposa | Improved Satsuma, Satsuma Improved |  |
| Mark |  |  |
| Matinee |  |  |
| Methley |  |  |
| MGM96 |  |  |
| Midnight Sun |  |  |
| Morettini 355 | Cœur de Lion |  |
| Mostert |  |  |
| Narrabeen |  |  |
| New Queen |  |  |
| Newyorker |  |  |
| Nubiana |  |  |
| Obilnaja |  |  |
| October Sun |  |  |
| Original Sun |  |  |
| Oro Miel |  |  |
| Ozark Premier | Premier |  |
| Pink Delight |  |  |
| Pioneer |  |  |
| Plumgiant I |  |  |
| Plumsweetone |  |  |
| Plumsweettwo |  |  |
| Primetime |  |  |
| Purple Majesty |  |  |
| Queen Ann |  |  |
| Queen Garnet |  |  |
| Queen Rosa |  |  |
| Red Beaut |  |  |
| Red Candy |  |  |
| Red Majesty |  |  |
| Red Noble |  |  |
| Red Rosa |  |  |
| Red Sweet |  |  |
| Redgold |  |  |
| Redroy |  |  |
| Redyummy |  | Redyummy® |
| Reubennel | Ruby Nel |  |
| Royal Black |  |  |
| Royal Diamond |  |  |
| Royal Garnet |  |  |
| Royal Star |  |  |
| Roysum |  |  |
| Rubirosa |  |  |
| Ruby Blood |  |  |
| Ruby Red |  |  |
| Ruby Star |  |  |
| Sangue di Drago |  |  |
| Santa Rosa |  |  |
| Sapphire |  |  |
| Satsuma |  |  |
| Savills Wonder |  |  |
| Sensation |  |  |
| September Candy |  |  |
| September Yummy |  | September Yummy® |
| Serena |  |  |
| Showtime |  |  |
| Sierra Sweet |  |  |
| Simka |  |  |
| Solar Eclipse |  |  |
| Songold |  |  |
| Songria 10 |  |  |
| Songria 15 |  |  |
| Southern Belle |  |  |
| Southern Pride |  |  |
| Souvenir |  |  |
| Souvenir II |  |  |
| Spring Beaut |  |  |
| Starking Delicious |  |  |
| Stirling |  |  |
| Sun Breeze |  |  |
| Sun Kiss |  | African Pride ™ |
| Sundew |  | African Pride ™ |
| Sunlite Nugget |  |  |
| Sunrise |  |  |
| Sunset |  |  |
| Suplumeleven |  | Black Diamond ® |
| Suplumforty |  |  |
| Suplumseventeen |  |  |
| Suplumsix |  | Angeleno ® |
| Suplumthirteen |  |  |
| Suplumthirtyeight |  | Black Giant ® |
| Suplumthirtyfive |  | Black Giant ® |
| Suplumthirtyfour |  | Red Giant ® |
| Suplumthirtyone |  |  |
| Suplumthirtyseven |  | Black Giant ® |
| Suplumthirtysix |  | Black Giant ™ |
| Suplumthirtythree |  |  |
| Suplumtwelve |  |  |
| Suplumtwentyeight |  | Black Diamond ® |
| Suplumtwentyfive |  |  |
| Suplumtwentyfour |  |  |
| Suplumtwentynine |  |  |
| Suplumtwentysix |  |  |
| Suplumtwentythree |  | Black Diamond ® |
| Suplumtwentytwo |  | Black Diamond ® |
| Susy |  |  |
| Sweet Majesty |  |  |
| TC Sun |  |  |
| Teak Gold |  | Amber Jewel ™ |
| Te Mata Gold |  |  |
| Top Black |  |  |
| Tracy Sun |  |  |
| Wickson |  |  |
| Winner |  |  |
| Yakima |  |  |
| Yellow Sun |  |  |
| Yummybeaut |  | Yummy®beaut |
| Yummycrisp |  | Yummy®crisp |
| Yummygem |  | Yummy®gem |
| Yummygiant |  | Yummy®giant |
| Yummyrosa |  | Yummy®rosa |
| Zahov |  |  |
| Zaipubo |  |  |
| Zairobe |  | Golden Globe® |
| Zanzi Sun |  |  |
| Zehava |  |  |
| Zehava Giant |  |  |

Adopted 1961

Last revised 2014

The OECD Scheme for the Application of International Standards for Fruit and Vegetables has published an explanatory illustrated brochure on the application of this standard. The publication may be obtained from the OECD bookshop at: [www.oecdbookshop.org](http://www.oecdbookshop.org).

1. Definition: Gages (Green Apricots, Dauphines, Greengages) having a green skin with a yellowish sheen. [↑](#footnote-ref-2)
2. See list annexed to this standard. [↑](#footnote-ref-3)
3. These marking provisions do not apply to sales packages presented in packages. [↑](#footnote-ref-4)
4. The national legislation of a number of countries requires the explicit declaration of the name and address. However, in the case where a code mark is used, the reference “packer and/or dispatcher (or equivalent abbreviations)” has to be indicated in close connection with the code mark, and the code mark should be preceded by the ISO 3166 (alpha) country/area code of the recognizing country, if not the country of origin. [↑](#footnote-ref-5)
5. A trade name can be a trade mark for which protection has been sought or obtained or any other commercial denomination. [↑](#footnote-ref-6)
6. The full or a commonly used name should be indicated. [↑](#footnote-ref-7)
7. Some of the varietal names listed in the first column may indicate varieties for which patent protection has been obtained in one or more countries. Such proprietary varieties may only be produced or traded by those authorized by the patent holder to do so under an appropriate license. The United Nations takes no position as to the validity of any such patent or the rights of any such patent holder or its licensee regarding the production or trading of any such variety.

   The United Nations endeavoured to ensure that no trademark names are listed in columns 1 and 2 of the table. However, it is the responsibility of any trademark owner to notify the United Nations promptly if a trademark name has been included in the table and to provide the United Nations (see address below) with an appropriate varietal, or generic name for the variety as well as adequate evidence ownership of any applicable patent or trademark regarding such variety. Provided that no further information is needed from the trademark holder, the Working Party on Agricultural Quality Standards will change the list accordingly at the session following receipt of the information. The United Nations takes no position as to the validity of any such trademarks or the rights of any such trademark owners or their licensees.

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   Email: agristandards@unece.org [↑](#footnote-ref-8)