

Specialized Section on Standardization of Fresh Fruit and Vegetables

Fifty-sixth session

Geneva, 2 - 4 November 2009

Items 4(a) of the provisional agenda

## REVISION OF UNECE STANDARDS

### Apples

This document is a basis for a discussion on the list of apple varieties.

## Annex

### Non-Exhaustive List of Apple Varieties <sup>1</sup>

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. 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.<sup>2</sup>

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<sup>1</sup> Fruits of varieties that are not part of the list must be graded according to their varietal characteristics. Coloured and/or large fruited varieties as well as those showing a characteristic russeting should be included in the list to provide information about the varietal characteristics. The update of the list may be requested through the Specialized Section for the Standardization of Fresh Fruit and Vegetables.

<sup>2</sup> 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 licence. 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 so that the list can be amended. 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.

Advice related to provisions on marking:

The name of the variety must be indicated. It can be replaced by a synonym. The name of the mutant or a tradename can only be given in addition to the variety or synonym.

Variety/ Variété/ Разновидность	<u>Mutant</u>	Synonyms/ Synonymes/ Синонимы	Trade names/ Marque commerciale/ Товарное наименование	Colour group/ Groupe de coloration/ Группа окраски	Russeting/ Roussissement/ Степень буроватости	S i z e / C a t e g o r y
African Red			African Carmine ™	B		
Akane		Tohoku 3	Primerouge ®	B		
Alborz Seedling				C		
Aldas				B		
Alice				B		
Alkmene		Early Windsor		C		
*Alro				B		
Alwa				B		
*Amasya				B		
Angold				C		I
*Antej		Antei		B		I
Apollo		Beauty of Blackmoor		C		I
Arkcharm		Arkansas No 18, A 18		C		I
Arlet				B	R	
Aroma				C		
	Red coloured mutants of Aroma e. g.			B		
	Amorosa			B		
Auksis				B		

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*Beacon				A		
Belfort		Pella		B		
<del>Belle de Boskoop</del> and mutants <u>Boskoop rouge</u>		<u>Red Boskoop</u> <u>Roter Boskoop</u>		<u>B</u>	R	
Belle fleur double						
*Belorusskoje Maĭnovoje		Belorusskoe Malinovoe, Byelorusskoe Malinovoe		B		
Berlepsch		Freiherr von Berlepsch		C		
Berlepsch rouge		Red Berlepsch, Roter Berlepsch		B		
Blushed Golden						
*Bogatir		Bogatyr				
Bohemia				B		
Boskoop rouge		Red Boskoop, Roter Boskoop		B	R	
Braeburn	<u>Such as</u>			B		
	<u>Red coloured mutants of Braeburn e. g.</u>			<u>A</u>		
	Hidala		Hillwell ®	<u>A</u>		

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	Joburn		Aurora™, Red Braeburn™, Southern Rose™	A		I
	Lochbuie Red Braeburn			A		I
	Mahana Red		Redfield ®	A		I
	Mariri Red		Eve™, Red Braeburn™, Southern Rose™	A		I
	Redfield		Red Braeburn™, Southern Rose™	A		I
	Royal Braeburn			A		I
Bramley's Seedling		Bramley, Triomphe de Kiel				I
Brettacher Sämling						I
Calvilles, Groupe des						I
Cardinal				B		
Carola		Kalco		C		I
Caudle			Cameo™	B		
Charden						I
Charles Ross						I

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Civni			Rubens ®	B		
Coromandel Red		Corodel		A		
Cortland				B		
Cox's Orange Pippin and mutants		Cox orange		C	R	
	Red coloured mutants of Cox's Orange Pippin e. g.			B	R	
	Cherry Cox			B	R	
Crimson Bramley						
Cripps Pink	<u>Such as</u>		Pink Lady ®	C		
	<u>Pink rose</u>					
	<u>Rosy Glow</u>					
	<u>Ruby Pink</u>					
Cripps Red			Sundowner™	C <sup>3</sup>		
Dalinbel				B		
Delblush			Tentation ®			

<sup>3</sup> With minimum 20% for Class I and Class II.

Avec un minimum de 20 % pour les catégories I et II.

Минимум 20% для первого и второго сортов.

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Delcorf and mutants e. g.			Delbarestivale ®	C		L
	Dalili		Ambassy ®	C		L
	Monidel			C		L
Delgollune			DELBARD JUBILÉ ®	B		L
Delicious ordinaire		Ordinary Delicious		B		
Deljeni			Primgold ®			L
Delikates				B		
Delor				C		L
Discovery				C		
*Doč Melbi		Doch Melbi		C		L
Dunn's Seedling					R	
Dykman's Zoet				C		
Egremont Russet					R	
Elan						L
Elise		Red Delight	Roblos ®	A		L
Ellison's orange		Ellison		C		L
Elstar and mutants e. g.				C		
	Daliter		Elton™	C		

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	Elshof			C		
	Elstar Armhold			C		
	Elstar Reinhardt			C		
	Red coloured mutants of Elstar e.g.			B		
	Bel-El		Red Elswout™	B		
	Daliest		Elista™	B		
	Goedhof		Elnica™	B		
	Red Elstar			B		
	Valstar			B		
Empire				A		
Falstaff				C		
Fiesta		Red Pippin		C		
Florina			Querina®	B		L
*Forele				B		
Fortune					R	
Fuji and mutants				B		L
Gala				C		
	Red			A		

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	coloured mutants of Gala e. g.					
	Annaglo			A		
	Baigent		Brookfield ®	A		
	Galaxy			A		
	Mitchgla		Mondial Gala ®	A		
	Obrogala			A		
	Regala			A		
	Regal Prince		Gala Must ®	A		
	Tenroy		Royal Gala ®	A		
Garcia						H
Ginger Gold						H
Gloster				B		H
Goldbohemia						H
Golden Delicious and mutants						H
Golden Russet					R	
Golden Supreme		Gradigold, Golden Extreme				H
Goldrush		Coop 38				H

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Goldstar						
Granny Smith						
Gravenstein rouge		Red Gravenstein, Roter Gravensteiner		B		
Gravensteiner		Gravenstein				
Greensleeves						
Holsteiner Cox and mutants		Holstein			R	
Holstein rouge		Red Holstein, Roter Holsteiner Cox		C	R	
Honeycrisp			Honeycrunch ®	C		
Honey gold						
Horneburger						
Howgate Wonder		Manga				
Idared				B		
*Iedzēnu				B		
*Ilga				B		
Ingrid Marie				B	R	
*Iron			Demir Apple	C	R	
Isbranica				C		
Jacob Fisher						

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Jacques Lebel					
Jamba				C	
James Grieve and mutants					
James Grieve rouge			Red James Grieve	B	
Jarka				C	
Jerseymac				B	
Jester					
Jonagold <sup>4</sup> and mutants e. g.				C	
	Crowngold			C	Б
	Daligo			C	Б
	Daliguy	Jonasty		C	Б
	Dalijean	Jonamel		C	Б
	Jonagold 2000	Excel		C	Б
	Jonabel			C	Б

<sup>4</sup> However, for the variety Jonagold at least one-tenth of the surface of the fruit in Class II must be striped with red colouring.

Toutefois, pour la variété Jonagold de la catégorie II, au moins 1/10 de la surface du fruit doit être de coloration rouge striée.

Однако у разновидности Jonagold по меньшей мере 1/10 поверхности плода второго сорта должна иметь полосы красного цвета.

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	Jonabres			C	Б	
	King Jonagold			C	Б	
	New Jonagold	Fukushima		C	Б	
	Novajo	Veulemanns		C	Б	
	Schneica	Jonica		C	Б	
	Wilmuta			C	Б	
Jonagored and similar				A		Б
	coloured mutants of Jonagold e. g.			A	Б	
	Decosta			A	Б	
	Jomured	Van de Poel		A	Б	
	Jonagold Boerekamp		Early Queen ®	A	Б	
	Jomar		Marnica ®	A	Б	
	Jonagored Supra			A	Б	
	Jonaveld		First Red ®	A	Б	
	Primo			A	Б	
	Romagold	Surkijn		A	Б	

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	Rubinstar			A	L
	Red Jonaprince		Wilton's ®, Red Prince ®	A	L
Jonalord				C	
Jonathan				B	
Julia				B	
Jupiter					L
Karmijn de Sonnville				C	R
Katja		Katy		B	
Kent					R
Kidd's Orange Red				C	R
Kim				B	
*Koit				C	
*Koričnoje Novoje		Korichnoe Novoe, Korichnevoe Novoe		C	L
*Kovaļenkovskoje				B	
*Krameri Tuvioun				B	
*Kukikovskoje				B	
Lady Williams				B	L

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Lane's Prince Albert						L
Laxton's Superb				C	R	
Ligol				B		L
Lobo				B		
Lodel				A		
Lord Lambourne				C		
Maigold				B		
McIntosh				B		
*Meelis				B		L
*Melba				C		
Melodie				B		L
Melrose				C		L
Meridian				C		
Moonglo				C		
Morgenduft		Imperatore		B		L
Mutsu			Crispin ®			L
*Noris				B		
Normanda				C		L
Nueva Europa				C		
Nueva Orleans				B		L
Odin				B		

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Ontario				B		H
*Orlik				B		
Orlovskoje polosatoje				C		
Ozark Gold						H
Paula Red				B		
Pero de Cirio						H
Piglos				B		H
Pikant				B		H
Pikkolo				C		
Pilot				C		
Pimona				C		
Pinova			Corail ®	C		
Pirella			Pirol ®	B		H
Piros				C		H
*Prima				B		H
Rafzubex			RubINETTE ® Rosso	A		
Rafzubin			RubINETTE ®	C		
Rajka				B		
Rambour d'hiver						H
Rambour Franc				B		

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Reanda				B	
Rebella				C	
Red Delicious and mutants e. g.				A	
	Erovan	Early Red One		A	Б
	Fortuna Delicious			A	Б
	Oregon	Oregon Spur Delicious		A	Б
	Otago			A	Б
	Red Chief			A	Б
	Red King			A	Б
	Red Spur			A	Б
	Red York			A	Б
	Richared			A	Б
	Royal Red			A	Б
	Shotwell Delicious			A	Б
	Stark Delicious			A	Б
	Starking			A	Б
	Starkrimson			A	Б
	Starkspur			A	Б

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	Topred			A	Ⓛ	
	Well Spur			A	Ⓛ	
Red Dougherty				A		
Red Rome				A		
Redkroft				A		
Regal				A		
Regina				B		Ⓛ
Reglindis				C		Ⓛ
Reine des Reinettes		Gold Parmoné, Goldparmäne		C		
Reineta Encarnada				B		
Reinette Rouge du Canada				B		Ⓛ
Reinette de Orléans						Ⓛ
Reinette Blanche du Canada		Reinette du Canada, Canada Blanc, Kanadarenette			R	Ⓛ
Reinette de France						Ⓛ
Reinette de Landsberg						Ⓛ
Reinette grise du Canada		Graue Kanadarenette			R	Ⓛ
Relinda				C		

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Remo				B		
Renora				B		
Resi				B		
Resista						
Retina				B		
Rewena				B		
Roja de Banejama		Verruga, Roja del Valle, Clavelina		A		
Rome Beauty		Belle de Rome, Rome		B		
Rosana				B		
Royal Beauty				A		
Rubin (Czech cultivar)				C		
*Rubin (Kazakhstan cultivar)				B		
Rubinola				B		
*Rudens Svītrainais		Osennee Polosatoe, Rudeninis Dryzuotasis, Rudens Svitrotais, Streifling,		C		

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		Streifling Herbst, Sügisjoonik, Syysjuovikas and numerous others				
*Saltanat				B		
Sciearly			Pacific Beauty™	A		
Scifresh			Jazz™	B		
Sciglo			Southern Snap™	A		
Sciray		GS48		A		
Scired			Pacific Queen™	A	R	
Sciros			Pacific Rose™	A		L
Selena				B		L
Shampion				B		L
*Sidrunkollane Talioun						L
Sinap Orlovskij						L
Snygold		Earlygold				L
Sommerregent				C		
Spartan				A		
Splendour				A		
St. Edmunds Pippin					R	

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Starks's Earliest				C		
Štaris		Staris		A		
Sturmer Pippin					R	
Summerred				B		
*Sügisdessert				C		Е
Sunrise				A		
Sunset					R	
Suntan					R	Е
Sweet Caroline				C		Е
*Talvenauding				B	R	
*Tellisaare				B		
*Tiina		Tina		C		Е
Topaz				B		
Tydeman's Early Worcester		Tydeman's Early		B		Е
*Veteran				B		
Vista Bella		Bellavista		B		
Wealthy				B		
Worcester Pearmain				B		
York				B		
*Zailijskoje		Zailiyskoe		B		
*Žigulovskoje		Zhigulevskoe		C		Е



**DEFINITIONS****1. Colouring, criteria for apples, colour groups and codes**

<b>Colour group</b>	<b>A</b>	<b>B</b>	<b>C</b>
	total surface area of red colouring characteristic of the variety	total surface area of mixed red colouring characteristic of the variety	total surface area of slightly red coloured, blushed or striped characteristic of the variety
Class Extra	3/4	1/2	1/3
Class I	1/2	1/3	1/10
Class II	1/4	1/10	–

**2. Russeting criteria for apples**

R = Variety for which russeting is a characteristic of the skin and not a defect if it corresponds to the typical appearance of the variety.

For varieties not marked with an “R” in the list below, russeting is allowed within the following limits

	<b>Extra</b>	<b>I</b>	<b>II</b>	<b>Tolerances for Class II</b>
<b>(i) Brown patches</b>	not outside the stem cavity	may go slightly beyond the stem or pistil cavities	may go beyond the stem or pistil cavities	fruit not seriously detracting from the appearance and condition of the package
	not rough	not rough	slightly rough	
<b>(ii) Russeting</b>		Maximum surface area of the fruit permitted		
<b>thin net-like russeting</b> (not contrasting strongly with the general colouring of the fruit)	slight and isolated traces of russeting not altering the general appearance of the fruit or of the package	1/5	1/2	fruit not seriously detracting from the appearance and condition of the package
<b>Heavy</b>	None	1/20	1/3	fruit not seriously detracting from the appearance and condition

				of the package
<p><b>Cumulative defects</b> (with the exception of brown patches which are excluded from these cumulative defects) In no case may thin russeting and heavy russeting taken together exceed a maximum of:</p>		1/5	1/2	fruit not seriously detracting from the appearance and condition of the package

**3. Size criteria for apples**

L = Large fruited variety