



**Economic and Social  
Council**

Distr.  
GENERAL

TRADE/WP.7/GE.1/1998/10  
24 December 1997

ORIGINAL : ENGLISH

**ECONOMIC COMMISSION FOR EUROPE**

COMMITTEE FOR TRADE, INDUSTRY AND  
ENTERPRISE DEVELOPMENT

Working Party on Standardization of  
Perishable Produce and Quality Development

Meeting of Experts on Co-ordination of  
Standardization of Fresh Fruit and Vegetables  
(Forty-fourth session, 9 to 13 March 1998, Geneva)

Item 4 (f) of the Provisional Agenda

CONSIDERATION OF PROPOSALS TO REVISE THE STANDARD FOR  
APPLES AND PEARS  
LIST OF VARIETIES

Note by the Secretariat

The following document contains proposals submitted to the forty-third session of the Meeting of Experts and contains proposals by the delegations of Germany, New Zealand, Switzerland and the Czech Republic. The summary document was compiled by the German delegation. In the present document all references to the brackets referring to "mutant of" have been deleted to reflect the decision taken at the 1997 session of the Meeting of Experts. (See para.51, Report, document AGRI/WP.1/GE.1/50). Additions to the current standard are printed in bold.

ANNEX I <sup>1</sup>  
Colouring and ruseting criteria for apples

I. COLOURING

Varieties of apples and pears are classified into groups according to their **surface** colouring.

1. Apples

Group A : Varieties with red colouring

Extra Class:	at least 3/4 of the surface of the fruit red coloured
Class I:	at least 1/2 of the surface of the fruit red coloured
Class II:	at least 1/4 of the surface of the fruit red coloured

Varieties

Black Ben Davis  
Black Stayman  
Carmio  
Democrat  
**Elise**  
**Empire**  
**Hillwell (Hidala)**  
Jonagored  
King David  
**Pacific Rose (Sciros)**  
**Pink Lady (Cripps Pink)**  
Red Delicious (and mutants, e.g., **Clear Red, Cooper-4, Cooper-900, Earlychief, Early Red One, Elite, Erwin Spur, Fortuna Delicious, Hapke, Harrold Red, Hi Early, Late Top Red, Oregon, Otago, Red Chief, Red King, Red Spur, Richared, Royal Red, Sky Spur, Shotwell Delicious, Starking, Starkrimson, Starkspur, Sturdeespur, Super Early Stripe, Super Starking, Top Red, Wayne Spur, Well Spur**)  
**Red Dougherty**  
Red Rome  
Red Stayman (Staymared)  
**Red Winter (Redaphough)**  
Red York  
**Regal**  
Regala  
Reinette étoilée  
Roja de Benjama (Verruga, Roja del Valle, Clavelina)  
Rose de Berne  
Royal Gala (Tenroy) and mutants

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<sup>1/</sup> The names given in these list are either variety names, synonyms or registered and patented trademarks that may equally be used on the package. For varieties which do not appear in these lists, the possible classification in one of the groups is left to the initiative of the interested exporting country.

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Spartan  
**Splendour**  
**Southern Snap (Sciflo)**  
Stark Delicious  
**Sundancer (Cripps Red)**  
Winesap (Winter Winesap)

Group B : Varieties with mixed red colour (the red colouring to be bright)

Extra Class : at least 1/2 of the surface of the fruit red coloured  
Class I : at least 1/3 of the surface of the fruit red coloured  
Class II: at least 1/10 of the surface of the fruit red coloured

**Alice**  
Akane (Prime Rouge, Tokohu 3)  
**Arlet**  
**Aroma amorosa**  
Belford (Pella)  
Bellavista (Vista Bella)  
**Braeburn and mutants**  
Cardinal  
Cherry Cox (mutant of Cox's orange pippin)  
Cortland  
**Delbart Jubilé (Delgollune)**  
Delicious Pilafa  
Discovery  
**Elstar**  
**Emergo**  
**Falstaff**  
**Fiesta**  
**Fuji**  
**Gala**  
Gloster 69  
Idared  
Ingrid Marie  
Jerseymac  
**Jonagold and mutants** <sup>2</sup>  
Jonathan  
Katy (Katja)  
**Kim**  
**Lady Williams**  
Lobo  
**Maigold**  
McIntosh Red  
**Melodie**

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<sup>2/</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.

Morgenduft (Rome Beauty)  
Nueva Orleans  
Odin  
Ontario  
Ordinary Delicious  
Ortell  
Paula red  
Piglos  
**Pikant**  
**Querina (Florina)**  
Rambour Franc  
**Reanda**  
Red Berlepsch  
Red Boskoop  
Red Gravensteiner  
Red James Grieve  
Reinetta Encarnada  
Reinetta Roja del Canada  
**Remo**  
**Retina**  
**Rewena**  
**Rosana**  
**Rubinola**  
**Selena**  
**Shampion (Sampion)**  
Stalapfel  
Stayman Winesap  
Summerred  
**Topaz**  
Tydeman's Early Worcester (Tydeman's Early)  
Wagener  
Wealthy  
Worcester Pearmain  
York

Group C : Striped varieties, slightly coloured

Extra Class: at least 1/3 of the surface of the fruit to have red colouring  
with stripes  
Class I: at least 1/10 of the surface of the fruit to have red colouring  
with stripes  
Class II:

Varieties:

Abbondanza	Karmijn de Sonnaville
Alkmene	Kidd's Orange Red
<b>Angold</b>	Laxton's Superb
Apollo	Lord Lambourne
// (Arlet Group B)	// (Maigold Group B)
<b>Aroma</b>	Melrose
Berlepsch	Normanda
// (Braeburn Group B)	Nueva Europa
Carola (Kalco)	Oldenburg
Casanova de Alcobaça	<b>Pikkolo</b>
Chata Encarnada	<b>Pilot</b>
Commercio	Pimona
	Pinova
Cox's Orange pippin (Cox orange and mutants) <sup>3</sup>	Piros
Cunha (Riscadinha)	Pomme Raisin
Ellison's Orange	Red Mantet
// (Elstar Group B)	Reglindis
// (Fuji Group B)	<b>Relinda</b>
// Gala (Group B)	Reine des Reinettes (Gold Parmoné)
<b>Havelgold</b>	Rose de Caldarò (Kalterer)
<b>Holsteiner Cox</b>	<b>RubINETTE (Rafzubin)</b>
Imperatore (Emperor Alexander)	// (Shampion (Sampion) Group B)
Jamba	Stark's Earliest
// (Jonagold and mutants Group B)	Winston

Group D : Other varieties

**Resista**

**2. Pears**

**Group A: Varieties with red colouring**

<b>Extra Class:</b>	at least 1/2 (3/4) of the surface of the fruit red coloured
<b>Class I:</b>	at least 1/3 (1/2) of the fruit red coloured
<b>Class II:</b>	at least 1/10 (1/4) of the surface of the fruit red coloured

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3/ Except Cherry Cox

**Varieties:**

Bon Rouge  
Cascade (Lombacad)  
Crimson Gem  
Max Red Bartlett  
Red d'Anjou  
Red Comice  
Red Gold  
Rosired Bartlett  
Sensation Red Bartlett  
Starkrimson

II. Russeting

1. Varieties of apples **and pears** for which russeting is a characteristic of the skin of the variety and is not a defect if it corresponds to the typical appearance of the variety. Exhaustive list of varieties of international importance (this list could be complemented at national level):

**Apple Varieties**

Ashmead's Kernel	Kidd's Orange Red
Boskoop Group	Laxton's Superb
Cox's Orange Group	Mingan (Peromingan, Mingana)
Dunn's Seedling	<b>Pilot</b>
Egremont Russet	Reinette du Canada
Fortune	Reinette grise
Golden Russet	St. Edmunds Pippin
<b>Holsteiner Cox</b>	Sturmer Pippin
Ingrid Marie	Sunset
Karmijn de Sonnaville	Suntan
Kent	Toreno
	Yellow Newtown (Albermarle Pippin)

**Pear Varieties**

Beurré Bosc  
Beurré Hardy  
Conférence  
Concorde  
Durondeau  
Général Leclerc  
Pierre Corneille  
Taylors Gold  
Triomphe de Vienne  
Winter Cole  
Winter Nelis

3. For varieties other than those listed above, russeting is allowed with the following limits:

	Extra	I	II	Tolerance for Class II
(i) <u>Brown patches</u>	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	
(ii) <u>Russeting</u>		Maximum surface area of the fruit permitted		
<u>thin net-like russeting</u> (not contrasting strongly with the general colouring of the fruit)	slight and isolated traces of russeting not altering the appearance of the fruit and of the package	1/5	1/2	fruit not seriously detracting from the appearance and condition of the package
<u>heavy</u>	none	1/20	1/3	fruit not seriously detracting from the appearance and condition of the package
<u>Cumulative defects</u> (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:	-	1/5	1/2	fruit not seriously detracting from the appearance and condition of the package

4/ For other varieties, the control service will operate by comparison.

ANNEX II 5/

Large fruit varieties

1. Apples

Atländer  
Apollo  
Arlet  
Belle de Boskoop **and mutants**  
Belle fleur double  
Bismarck  
Black Ben Davis  
Black Stayman  
Blenheim  
Braeburn  
Bramley's Seedling  
(Bramley, Triomphe de Kiel)  
Brettacher  
Carola (Kalco)  
Charden  
Charles Ross  
Cortland  
Cox pomona  
Crimson Bramley  
Delicious Pilafa  
**Delbart Jubilé (Delgollune)**  
**Delbarestivale (Delcorf)**  
Democrat  
Elan  
**Elise**  
Ellison's orange (Ellison)  
**Emergo**  
**Falstaff**  
**Fiesta**  
Finkenwerder  
Fortuna Delicious  
Fuji  
Garcia  
Gelber Edel  
Glorie von Holland  
Gloster 69  
Golden Delicious **and mutants**  
**Goldrush**  
Graham (Graham Royal Jubilé)  
Granny Smith

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Gravensteiner  
Greensleeves  
Grossherzog Friedrich von Baden  
Groupe des Calvilles  
**Havelgold**  
Herma  
**Hillwell (Hidala)**  
Honey gold  
Horneburger  
Howgate wonder  
Idared  
Imperatore  
Jacob Fisher  
Jacques Lebel  
Jamba  
James Grieve **and mutants**  
Jester  
Jonagold  
Jonagored  
Jupiter  
Karmijn de Sonnaville  
Königin (The Queen)  
Lane's Prince Albert  
Lemoen Apfel (Lemoenappel)  
Maigold  
Melrose  
Morgenduft (Rome Beauty)  
Mutsu (Crispin)  
Normanda  
Notarapfel (Notaris,  
Notarisappel)  
Nueva Orleans  
Ontario  
Orleans Reinette  
Ozarkgold  
**Pacific Rose (Sciros)**  
Pater v.d. Elsen  
Pero de Cirio  
Pero Mingan  
Piglos  
**Pikant**  
**Pink Lady (Cripps Pink)**  
Pinova  
Piros  
**Querina (Florina)**  
Rambour d'hiver  
**Reanda**  
Red Delicious **and mutants**  
Reglindis  
Reinette de Orléans  
Reinetta roja del Canada  
Reinette blanche and Reinette grise du Canada  
Reinette de France

Reinette de Landsberg  
**Retina**  
Royal Red  
Saure Gamerse (Gamerse zure)  
Septer  
Shampion (**Sampion**)  
Signe Tillisch  
Starkrimson  
Staymanred  
Stayman Winesap  
Transparente de Croncels (Croncels)  
Triomphe de Luxembourg  
Tydeman's Early Worcester  
Winter Banana  
Zabergäu  
Zigeunerin

2. Pears:

Abbé Fétel  
Alexandrine Douillard  
Buerré Alexandre Lucas  
Buerré Clairgeau  
Buerré de Aremberg  
Beurré Diel  
Buerré Lebrun  
Catillac (Pondspear, Ronde gratio, Grand Monarque, Chartreuse)  
**Concorde**  
**Crimson Gem**  
Curé (Curato, Pastoren, Del cura de Ouro, Espadon de invierno, Bella de Berry, Lombardia de Rioja, Batall de campagna)  
Devoe  
Don Guido  
Doyenné d'hiver  
Doyenné du Comice  
Duchesse d'Angloulême  
Empereur Alexandre (Beurré Bosc, Beurré d'Apremont, Bosc)  
Flor d'invierno  
Général leclerc  
Grand champion  
Jeanne d'Arc  
Marguerite marillat  
Packham's Triumph  
Passe Cranasse  
Président Drouard  
Souvenir du Congrès (Kongress, Congress)  
**Taylors Gold**  
Triomphe de Vienne  
William's Duchesse (Pitmaston)

Annex III

Varieties of summer pears for which no minimum size  
is required in respect of consignments  
sent between 10 June and 31 July of any year

Abugo o Siete en Boca

**Akça**

André Desportes

Azucar Verde (de confitar)

Bergamotten

Beurré Giffard

Beurré Gris

Beurré précoce Morettini

Blanca de Aranjuez (Agua  
de Aranjuez, Espadona)

Buntrocks

Carapinha

Carusella

Castell (Castell de Verano)

Claude Blanchet

Colorée de Juillet (Bunte Juli)

Condoula

Coscia (Ercolini)

D. Joaquina (Doyenné de Juillet)

Gentile

Gentile Bianca di Firenze

Gentilona

Giardina

Gramshirtle

Hartleffs

Leonardeta (Mosqueruela, Margallon, Colorada de  
Alcanadre, Leonarda de Magallon)

Moscatella

**Mustafabey**

Oomskinderen

Perita de San Juan

Pérola

Précoce de Trévoux

Précoce di Altedo

Santa Maria (Santa Maria Morettini)

Spadoncina (Agua de Verano, Agua de Agosto)

Wilder

Witthöftsbirne