

Specialized Section on Standardization of Fresh Fruit and Vegetables

Fifty-fifth session

Geneva, 4 - 8 May 2009

Items 4(a) of the provisional agenda

REVISION OF UNECE STANDARDS

Proposals on the list of apple varieties

This note has been put together by the secretariat following the decision taken by the Specialized Section at its fifty-fourth session to collect information from countries on varieties that are important in international trade. Replies have been received from the following countries: Canada, Czech Republic, Finland, France, Germany, Italy, Netherlands, New Zealand, Poland, Slovakia, South Africa, Sweden, Switzerland and the USA.

This note also includes the documents compiled for the same purpose and submitted to the fifty-second session of the Specialized Section.

I. Documents submitted to the 52nd session of the Specialized Section

A. UNECE Standard for Apples – List of Varieties

At the last meeting the 51st session of the Specialized Section GE.1 the delegation of the United Kingdom offered to coordinate efforts to simplify the list of apple varieties. The aim was to see what the result would be if we only include the most important varieties that are produced and traded. The list is designed to help distinguish apple varieties by colour groups, size and russeting it is not exhaustive, non-listed varieties can still be marketed. The idea should not be to list every variety grown in every country. The UK asked for views on what were considered to be the most important top thirty varieties. Eight countries sent their views, Italy, Spain, the Netherlands, USA, Slovakia, Germany Finland and the Czech Republic.

The reduced list is shown at the bottom of the page, the mutants of some of these key varieties are still shown (in light colour) but specific mention of these could also be removed from the list.

Some countries felt that as the work in classifying all these varieties had been done, the full list was a useful reference and producing a reduced list would not be their preferred option.

Another approach could be to try to get rid of the variety lists in other ways, for example we could include in the marking section a requirement to indicate the colour characteristics of the apple variety that is in the package, by stating “RED” “MIXED RED or BICOLOURED” “STRIPED RED” “GREEN/YELLOW” as defined in the standard on the label.

For size we could just list the small fruited apple varieties, anything not on the list would be treated as a large fruited apple variety. A more radical step would be to have the same sizing requirements for all apples so this list could also be removed. A discussion on this and any other ideas may be helpful.

Variety/ Variété/ Разновидность	Synonyms/ Synonymes/ Синонимы	Tradenames/ Marque commerciale/ Товарное наименование	Colour group/ Groupe de coloration/ Группа окраски	Russeting/ Roussissement/ Степень буроватости	Size/ Calibre/ Размер
Alkmene	Early Windsor		C		
Red coloured mutants of Aroma e. g. Amorosa			B B		
Belle de Boskoop and mutants				R	L
Boskoop rouge	Red Boskoop, Roter Boskoop		B	R	L
Braeburn			B		L
Red coloured mutants of Braeburn e. g. Hidala Joburn Lochbuie Red Braeburn Mahana Red Mariri Red Redfield Royal Braeburn		Hillwell ® Aurora™, Red Braeburn™, Southern Rose™ Redfield ® Eve™, Red Braeburn™, Southern Rose™ Red Braeburn™, Southern Rose™	A A A A A A A		L L L L L L L
Caudle		Cameo™	B		
Civni		Rubens ®	B		
Cox's Orange Pippin and mutants	Cox orange		C	R	
Cripps Pink		Pink Lady®	C		
Delblush		Tentation®			L
Delcorf and mutants e. g. Dalili Monidel		Delbarestivale® Ambassy ®	C C C		L L L
Discovery			C		
Elstar and mutants e. g. Daliter		Elton ™	C C		

Variety/ Variété/ Разновидность	Synonyms/ Synonymes/ Синонимы	Tradenames/ Marque commerciale/ Товарное наименование	Colour group/ Groupe de coloration/ Группа окраски	Russeting/ Roussissement/ Степень буроватости	Size/ Calibre/ Размер
Elshof Elstar Armhold Elstar Reinhardt			C C C		
Red coloured mutants of Elstar e. g. Bel-El Daliest Goedhof Red Elstar Valstar		Red Elswout™ Elista™ Elnica™	B B B B B		
Empire			A		
Fiesta	Red Pippin		C		
Fuji and mutants			B		L
Gala			C		
Red coloured mutants of Gala e. g. Annaglo Baigent Galaxy Mitchgla Obrogala Regala Regal Prince Tenroy		Brookfield® Mondial Gala® Gala Must® Royal Gala®	A A A A A A A A		
Gloster			B		L
Golden Delicious and mutants					L
Granny Smith					L
Idared			B		L
James Grieve and mutants					L
Jonagold ¹ and mutants e. g.			C		L
Jonagored and similar coloured mutants of Jonagold e. g.			A A		L L

Variety/ Variété/ Разновидность	Synonyms/ Synonymes/ Синонимы	Tradenames/ Marque commerciale/ Товарное наименование	Colour group/ Groupe de coloration/ Группа окраски	Russeting/ Roussissement/ Степень буроватости	Size/ Calibre/ Размер		
Decosta	Van de Poel	Early Queen ®	A		L		
Jomured			A		L		
Jonagold Boerekamp			A		L		
Jomar			A		L		
Jonagored Supra			A		L		
Jonaveld			First Red ®		A	L	
Primo					A	L	
Romagold					Surkijn	A	L
Rubinstar						A	L
Red Jonaprince						Wilton's ®, Red Prince ®	A
Jonathan			B				
Karmijn de Sonnaville			C	R	L		
Lobo			B				
McIntosh			B				
Mutsu		Crispin ®			L		
Paula Red			B				
Pinova		Corail ®	C				
Red Delicious and mutants e. g.			A		L		
Erovan	Early Red One		A		L		
Fortuna Delicious	Oregon Spur Delicious		A		L		
Oregon			A		L		
Otago			A		L		
Red Chief			A		L		
Red King			A		L		
Red Spur			A		L		
Red York			A		L		
Richared			A		L		
Royal Red			A		L		
Shotwell Delicious			A		L		
Stark Delicious			A		L		
Starking			A		L		
Starkrimson			A		L		
Starkspur			A		L		
Topred			A		L		
Well Spur			A		L		

Variety/ Variété/ Разновидность	Synonyms/ Synonymes/ Синонимы	Tradenames/ Marque commerciale/ Товарное наименование	Colour group/ Groupe de coloration/ Группа окраски	Russeting/ Roussissement/ Степень буроватости	Size/ Calibre/ Размер
Reinette Blanche du Canada	Reinette du Canada, Canada Blanc, Kanadarenette			R	L
Sciearly		Pacific Beauty™	A		
Scifresh		Jazz™	B		
Sciglo		Southern Snap™	A		
Sciray	GS48		A		
Scired		Pacific Queen™	A	R	
Sciros		Pacific Rose™	A		L
Shampion			B		L
Spartan			A		
Summerred			B		
Topaz			B		

B. Top 30 apple varieties

Information supplied by Germany, Netherlands, Italy, Czech Republic Slovak Republic and UK.

Breaburn	Shampion
Cripps Pink	Cox Orange Pippin
Elstar	Boskoop
Fuji	Alkmene
Gala	Jonagored
Golden Delicious	Civni
Gloster	Delcorf
Granny Smith	Caudle
Idared	Mutsu
Jonagold	Discovery
Jonathan	James Grieve
Pinova	Spartan
Red Delicious	McIntosh
Summered	Empire
Topaz	Feista

II. Replies received from countries in 2009

A. CANADA

Apple varieties

Standard 50 - FFV concerning the marketing and commercial quality control of Apples

Canada proposes that the following apple varieties be retained in the listing in recognition of the commercial and trade significance of the varieties:

Ambrosia
Braeburn
Cortland
Cripps Pink/Pink Lady™
Crispin/Mutsu
Elstar
Empire
Fuji
Gala
Ginger Gold
Golden Delicious
Granny Smith
Gravenstein
Honeycrisp™
Idared
Jonagold
McIntosh
Paula Red
Red Delicious
Spartan

B. CZECH REPUBLIC

List of Apple Varieties

	Variety	note
1	Angold	
2	Bohemia	
3	Braeburn	Including mutation
4	Elstar	Including mutation
5	Florina	
6	Gala	Including mutation
7	Gloster	
8	Goldbohemia	
9	Golden Delicious	Including mutation
10	Goldstar	
11	Granny Smith	
12	Idared	
13	James Grieve Red	Including mutation
14	Jonagold	Including mutation
15	Jonagored	Including mutation
16	Julia	
17	McIntosh	
18	Melodie	
19	Melrose	
20	Mutsu	
21	Rajka	
22	Red Delicious	Including mutation
23	Resista	
24	Rosana	
25	Rubín	
26	Rubinola	
27	Selena	
28	Šampion	
29	Spartan	
30	Topaz	

C. FINLAND

The varieties most imported are:

Royal Gala and Imperial Gala (from Brazil and Argentina)
Red Delicious (from USA and Argentina)
Granny Smith (from Chile and South Africa))
Fuji (China)
Golden Delicious (from EU)

D. FRANCE

La France propose la liste suivante, par ordre décroissant, en ce qui concerne les variétés et/ou groupes de variétés de pommes les plus importantes lors de échanges internationaux :

- Groupe Golden
- Groupe Gala
- Granny Smith
- Groupe Braeburn
- Pink Lady/Cripps Pink
- Groupe Rouges Américaines
- Groupe Fuji
- Canada gris
- Belchard/Chantecler
- Ariane
- Elstar
- Groupe Jonagold/Jonagored
- Reine des Reinettes
- Jazz Scifresh
- Belle de Boskoop
- Tentation
- Honey Crunch
- Sundowner
- Idared
- Caméo
- Goldrush
- RubINETTE

Remarque : Cette liste est évolutive. Certaines variétés listées régressent, d'autres qui n'apparaissent pas encore sur cette liste progressent.

En ce qui concerne la révision de la norme CEE/ONU pommes la proposition de la France est de rendre obligatoire l'indication du groupe variétal et de la variété, ou du groupe variétal et du mutant [le mutant correspond à une variété propre] sous la forme " variété" issue de "nom du groupe variétal "

Les opérateurs français souhaitent pouvoir indiquer le groupe variétal. Cela a été autorisé en France en leur demandant de donner une information juste (la variété correspond bien au nom du mutant) et complète (l'indication du nom de la variété initiale n'est pas suffisante) :

Variété : « Nom du mutant » issue de « nom de la variété initiale »

Exemple : « Variété : Tenroy issue de la variété Gala »

Si le nom commercial n'annonce que le groupe variétal, il faudra préciser à proximité de celui-ci la phrase ci-dessus.

E. GERMANY

List of 30 apple varieties that are most important in German production and international trade reference: TRADE/WP.7/GE.1/2005/18 par. 109-111 and FFV-50

Variety	Synonyms	Trade names	Colour group	Russeting	Size
Alkmene	Early Windsor		C		
Belle de Boskoop und Mutanten			D	R	GF
Berlepsch	Freiherr von Berlepsch		C		
Boskoop rouge	Red Boskoop, Roter Boskoop		B	R	GF
Braeburn			B		GF
Rot gefärbte Mutanten der Sorte Braeburn, z.B.: Hidala Joburn		Hilwell ® Aurora™, Red Braeburn™, Southern Rose™	A		GF
Lochbuie Red Braeburn Mahana Red Mariri Red		Redfield ® Eve™, Red Braeburn™, Southern Rose™			
Redfield		Red Braeburn™, Southern Rose™			
Royal Braeburn					
Caudle		Cameo™	B		
Civni		Rubens ®	B		
Cox's orange pippin und Mutanten	Cox Orange		C	R	
Cripps Pink		Pink Lady ®	C		

Delcorf und Mutanten, z.B.: Dalili Monidel		Delbarestivale ® Ambassy ®	C		GF
Elstar und Mutanten, z.B.: Daliter Elshof Elstar Armhold Elstar Reinhardt Rot gefärbte Mutanten der Sorte Elstar, z.B.: Bel-El Daliest Goedhof Red Elstar Valstar		Elton ™ Red Elswout ™ Elista ™ Elnica ™	C B		
Fuji und Mutanten			B		GF
Gala Rot gefärbte Mutanten der Sorte Gala, z.B.: Annaglo Baigent Galaxy Mitchgla Obrogala Regala Regal Prince Tenroy		Brookfield ® Mondial Gala ® Delbard Gala ® Gala Must ® Royal Gala ®	C A		
Gloster			B		GF
Golden Delicious und Mutanten			D		GF
Granny Smith			D		GF
Holsteiner Cox und Mutanten	Holstein		D	R	
Idared			B		GF
Ingrid Marie			B	R	
Jamba			C		GF
Jonagold ⁽²⁾ und			C		GF

Mutanten, z.B.: Crowngold Daligo Daliguy DaliJean Jonagold 2000 Jonabel Jonabres King Jonagold New Jonagold Novajo Schneica Wilmuta	Jonasty Jonamel Excel Fukushima Veulemanns	Jonica ®			
Jonagored und Mutanten, z.B.: Decosta Jomured Jonagold Boerekamp Jomar Jonagored Supra Jonaveld Primo Romagold Rubinstar Red Jonaprince	Van de Poel Surkijn	Early Queen ® Marnica ® First Red ® Wilton's ®, Red Prince ®	A		GF
Pinova		Corail ®	C		
Rafzubin		RubINETTE ®	C		
Red Delicious und Mutanten, z.B.: Camspur Erovan Evasni Flatrar Fortuna Delicious Otago Red King Red Spur Red York Richared Royal Red Sandidge Shotwell Delicious Stark Delicious Starking Starkrimson Starkspur Topred Trumdor		Redchief ® Early Red One ® Scarlet Spur ® Starkspur Ultra Red ® Super Chief ® Oregon Spur	A		GF

Well Spur		Delicious ®			
Shampion			B		GF
Summerred			B		
Topaz			B		

F. ITALY

List of most important apple varieties

- 1 ANNURCA
- 2 BRAEBURN
- 3 CAMEO
- 4 CRIPPS PINK
- 5 ELSTAR
- 6 FUJI
- 7 GALA
- 8 GOLDEN DELICIOUS
- 9 GOLDEN ORANGE
- 10 GOLDRUSH/COOP 38
- 11 GLOSTER
- 12 GRANNY SMITH
- 13 GRAVENSTEIN
- 14 IDARED
- 15 JONAGOLD
- 16 JONATHAN
- 17 FLORINA
- 18 MORGENDUFT
- 19 OZARK GOLD
- 20 PINOVA
- 21 RED DELICIOUS
- 22 RED CHIEF
- 23 RENETTA DEL CANADA
- 24 ROYAL GALA
- 25 RUBENS
- 26 SANSA
- 27 STAYMAN-WINESAP
- 28 SUMMERRED
- 29 TOPAZ

G. NETHERLANDS

Proposal for list of Apple varieties

Variety	Colour group	Russeting	Size	Remarks
Alkmene	C			
Belle de Boskoop and mutants	D	R	L	
Boskoop rouge	B	R	L	
Braeburn and mutants	B		L	
Civni	B			
Cox's orange pippin and mutants	C	R		Only the original variety should be mentioned. All the others are covered by "and mutants", simplification of the list. Red coloured mutants are also covered by "and mutants". So colour group C for all Cox's orange pippin
Delblush	D		L	
Delcorf and mutants	C D		L	Less coloured and small fruits at beginning of season are ripe and marketable.
Discovery	C			
Dykman's Zoet	C D			Less coloured fruits at beginning of season are ripe, sweet and marketable
Elan	D C		L	Less coloured fruits at beginning of season are not ripe enough and are not marketable
Elise	A		L	
Elstar and mutants	C			Only the original variety should be mentioned. All the others are covered by "and mutants", simplification of the list. Red coloured mutants are also covered by "and mutants". So colour group C for all Elstar.
Fuji and mutants	C		L	
Gala and mutants	C			Only the original variety should be mentioned. All the others are covered by "and mutants", simplification of the list. Red coloured mutants are also covered by "and mutants". So colour group C for all Gala
Gloster	B		L	
Golden Delicious and mutants	D		L	
Granny Smith	D		L	

Variety	Colour group	Russeting	Size	Remarks
Idared	B		L	
James Grieve	D		L	
Jonagold and mutants	C		L	Only the original variety should be mentioned. All the others are covered by “and mutants”, simplification of the list.
Jonagored and mutants	A		L	Only the original variety should be mentioned. All the others are covered by “and mutants”, simplification of the list.
Red Jona Prince	A		L	Officially recognized variety
Karmijn de Sonnaville	C	R	L	
Pinova	C		L??	Is this not a large fruited variety??
Red Delicious and mutants	A		L	Only the original variety should be mentioned. All the others are covered by “and mutants”, simplification of the list.
Summerred	B			
Sweet Caroline	€ D		L	Less coloured fruits at beginning of season are ripe and marketable
Vista Bella	B			

Peren

In deze lijst staan de 18 belangrijkste perenrassen voor Nederland genoemd. Een aantal belangrijke rassen zijn niet in de EU-lijst versie 2005-1 opgenomen. Vandaar dat deze apart worden vermeld, met het verzoek deze rassen alsnog op te nemen op de lijst.

Variëteit	Grootte-sortering	Opmerkingen
1. Beurré Alexandre Lucas	L	
2. Concorde	L	
3. Doyenné du comice	L	
4. Triomphe de Vienne	KV	Wijziging: grootte-sortering van L naar KV
TOEVOEGEN AAN LIJST		
5. Abbé Fetel	L	
6. Avezaats Kapelle		
7. Beurré Hardy		
8. Beurré Lebrun	L	

9. Bonne Louise		
10. Brederode zoete/zure		
11. Clapps Favoriete		
12. Conference		
13. Gieser Wildeman		
14. Legipont		
15. Packham's Triumph	L	
16. St. Remy		
17. Verdi		
18. Winterriet peer	L	

H. NEW ZEALAND

List of apple varieties that New Zealand considers most important for international trade.

Braeburn and Sports
 Royal Gala and sports
 Fuji and sports
 Red Delicious and sports
 Cox Orange
 Pink Lady and sports
 Sciros - Pacific Rose(tm)
 Scired - Pacific Queen(tm)
 Scifresh - Jazz(tm)
 Sciearly - Pacific Beauty(tm)
 Scilate - Envy(tm)
 Southern Rose(tm)
 Sciglo - Southern Snap(tm)
 Granny Smith

I. POLAND

	Name of cultivar
1	Akane
2	Alkmene
3	Alwa
4	Antonówka
5	Arlet
6	Ariwa
7	Bankroft
8	Belle de Boskoop and mutants
9	Berlepsch
10	Berlepsch rouge
11	Boiken
12	Bohemia
13	Braeburn and mutants
14	Celeste
15	Close
16	Cortland
17	Cox's Orange Pippin and mutants
18	Cripps Pink
19	Cripps Red
20	Delcorf and mutants
21	Delicious
22	Delikates
23	Discovery
24	Elise
25	Elstar and mutants
26	Empire
27	Early Geneva
28	Fiesta
29	Florina
30	Freedom
31	Fuji and mutants
32	Gala and mutants
33	Gloster
34	Goldbohemia
35	Goldrush
36	Goldstar
37	Golden Delicious and mutants
38	Granny Smith
39	Gravenstein rouge
40	Gravensteiner
41	Greensleeves
42	Holsteiner Cox and mutants
43	Honey Gold
44	Honeycrisp
45	Idared and mutants
46	James Grieve and mutants

47	Jerseymac
48	Jester
49	Jonagold and mutants
50	Jonagored and mutants
51	Jonathan
52	Julia
53	Jupiter
54	Karmijn de Sonnaville
55	Katja
56	Ligol and mutants
57	Lobo
58	Lodel
59	McIntosh
60	Melba
61	Melrose
62	Mutsu
63	Novamac
64	Ozark Gold
65	Paulared
66	Piglos
67	Pilot
68	Pinova and mutants
69	Piros
70	Prima
71	Rajka
72	Reanda
73	Rebella
74	Red Delicious and mutants
75	Reinette de Landsberg
76	Reglindis
77	Relinda
78	Remo
79	Renora
80	Resi
81	Resista
82	Retina
83	Rewena
84	Rosana
85	Rubin
86	RubINETTE
87	Rubinola
88	Scifresh
89	Sciglo
90	Sciray
91	Scired
92	Sciros
93	Selena
94	Shampion and mutants
95	Spartan

96	Summerred
97	Sunrise
98	Topaz
99	Tydemán's Early Worcester
100	Vista Bella
101	Wealthy
102	Witos

J. SLOVAKIA

List of the 15 most important apples variety in Slovakia

Variety	area in Ha	% in total area
Golden Delicious	238.069	20.79
Idared	147.374	12.87
Jonagold/ Jonagored	118.327	10.33
Fuji	99.22	8.66
Braeburn	85.422	7.46
Topaz	59.105	5.16
Gala	57.019	4.98
Rubinola	54.71	4.77
Šampion	40.22	3.51
Golden Smoothe, Rainders Lysgolden	34.441	3.01
Jonathan	31.83	2.78
Prima	22.51	1.96
Pinova	18.7	1.63
Melodie	16.72	1.46
Red Winter	10.95	0.95
Together	1034.617	
Total area	1145.065	

K. SOUTH AFRICA

List of apple varieties

TABLE 1

PERMISSIBLE CULTIVARS (ALL CLASSES)

Cultivar Variety	Synonyms	Trade Name	Colour		
			Extra Class	Class 1	Class 2
African Red		African Carmine™	1/2 of the total surface area must at least have red striped blush on a yellow-green background	1/3 of the total surface area must at least have red striped blush on a yellow-green background	1/10 of the total surface area must at least have red striped blush on a yellow-green background
Autumn Blush			Good and typical for the	Good and typical for the	Good and typical for the

Cultivar Variety	Synonyms	Trade Name	Colour		
			Extra Class	Class 1	Class 2
			cultivar concerned	cultivar concerned	cultivar concerned
Braeburn			½ of the total surface area must at least have a red striped blush	1/3 of the total surface area must at least have red striped blush	
Cripps' Pink		Pink Lady®	1/3 of the total surface area must at least have pink to light red blush	1/10 of the total surface area must at least have pink to light red blush	
Cripps' Red		Sundowner®	1/3 of the total surface area must at least have red colouring	1/5 of the total surface area must at least have red colouring	1/5 of the total surface area must at least have red colouring
Empire			¾ of the total surface area must at least have red colouring	½ of the total surface area must at least have red colouring	¼ of the total surface area must at least have red colouring
Fiesta			1/3 of the total surface area must at least have red striped blush	Maximum as depicted in colour chart no. A28 photo no. 7	
Fuji			½ of the total surface area must at least have red striped blush	1/3 of the total surface area must at least have red striped blush	1/10 of the total surface area must at least have red striped blush
	Green Fuji		Less than 1/3 of the surface area must at least have red striped blush	Less than 1/3 of the surface area must at least have red striped blush	Less than 1/3 of the surface area must at least have red striped blush
	Red Fuji		½ of the total surface area must at least have red striped blush	½ of the total surface area must at least have red striped blush	½ of the total surface area must at least have red striped blush
Gala			1/3 of the total surface area must at least have red colouring	1/10 of the total surface area must at least have red colouring	
Gingergold			Good and typical for the cultivar concerned	Good and typical for the cultivar concerned	Good and typical for the cultivar concerned
Golden Delicious	Blushed Golden		Maximum as depicted in	Maximum as depicted in	Maximum as depicted in

Cultivar Variety	Synonyms	Trade Name	Colour		
			Extra Class	Class 1	Class 2
			colour chart no. A.28 photo no. 4	colour chart no. A.28 photo no. 6	colour chart no. A.28 photo no. 8
Granny Smith			Maximum as depicted in colour chart no. A.38 photo no. 4	Maximum as depicted in colour chart no. A.38 photo no. 6	Maximum as depicted in colour chart no. A.28 photo no. 7
Jonagold			1/3 of the total surface area must at least have red striped blush	1/10 of the total surface area must at least have red striped blush	
Jonagored			3/4 of the total surface area must at least have red colouring	1/2 of the total surface area must at least have red colouring	1/4 of the total surface area must at least have red colouring
Jonathan			1/2 of the total surface area must at least have mixed red colouring	1/3 of the total surface area must at least have mixed red colouring	1/10 of the total surface area must at least have mixed red colouring
Lady Williams			1/2 of the total surface area must at least have mixed red colouring	1/3 of the total surface area must at least have mixed red colouring	1/10 of the total surface area must at least have mixed red colouring
Oregon Spur	Oregon Red Spur		Minimum as depicted in colour chart no. A.35 photo no. 9	Minimum as depicted in colour chart no. A.35 photo no. 11 on the worst coloured side	Minimum as depicted in colour chart no. A.35 photo no. 11 on the worst coloured side
Panorama Golden	Golden Delicious		Maximum as depicted in colour chart no. A.28 photo no. 4	Maximum as depicted in colour chart no. A.28 photo no. 6	Maximum as depicted in colour chart no. A.28 photo no. 8
Royal Beaut			3/4 of the total surface area must at least have red colouring	1/2 of the total surface area must at least have red colouring	1/4 of the total surface area must at least have red colouring
Splendour			3/4 of the total surface area must at least have red colouring	1/2 of the total surface area must at least have red colouring	1/4 of the total surface area must at least have red colouring
Starking	Starking Delicious		Minimum as depicted in	Minimum as depicted in	Minimum as depicted in

Cultivar Variety	Synonyms	Trade Name	Colour		
			Extra Class	Class 1	Class 2
			colour chart no. A.34 photo no. 6 on both sides	colour chart no. A.34 photo no. 9 on both sides	colour chart no. A.34 photo no. 10 on both sides
Starkrimson	Starkrimson Delicious			Minimum as depicted in colour chart no. A.36 photo no. 8 on both sides	Minimum as depicted in colour chart no. A.36 photo no. 11 on both sides
Tenroy		Royal Gala [®]	¾ of the total surface area must at least have red colouring	½ of the total surface area must at least have red colouring	¼ of the total surface area must at least have red colouring
Topred	Topred Delicious		Minimum as depicted in colour chart no. A.35 photo no. 9	Minimum as depicted in colour chart no. A.35 photo no. 11 on the worst coloured side	Minimum as depicted in colour chart no. A.35 photo no. 11 on the worst coloured side
York Imperial			3/10 of the total surface area must at least have red striped blush	Minimum as depicted in colour chart no. A.6 photo no. 6	Minimum as depicted in colour chart no. A.6 photo no. 6
Any other suitable cultivar not mentioned above and which has been approved by the Registrar of Plant Improvement			Good and typical for the cultivar concerned	Good and typical for the cultivar concerned	Good and typical for the cultivar concerned

[™] Indicated a trademark

[®] Indicates a registered trademark

* Quality standards for the trade name might be higher than those specified. If necessary consult with the relevant license holder. Trademarks may only be used with the permission of the owner of those trademarks

L. SWEDEN

50 per cent of the volume in Sweden comes from the two first varieties Ingrid Marie and Aroma/ Aroma amorosa.

1. Ingrid Marie
2. Aroma / Aroma amorosa
3. Discovery
4. Cox Orange
5. Elise
6. Gloster
7. Kim
8. Katja
9. Alice
10. Rubinstar
11. Summerred
12. Red Gravensteiner

- 13. Rubinola
- 14. Signe Tillisch
- 15. Gravensteiner

M. SWITZERLAND

Concerning the list of apple varieties these are the varieties Switzerland would like to see on the list (of course among other ones from other countries):

Arlet, Boskoop, Braeburn and all mutants, Cox Orange, Cripps Pink, Delblush, Delcorf, Elstar und alle Mutanten, Empire, Fiesta, Florina, Fuji and all mutants, Gala and all mutants, Gloster, Golden Del., Granny Smith, Gravensteiner, Idared, Jersey mac, Jonagold and all mutants, Jonathan, Kidds Orange, Maigold, Pinova, Rafzubin, Reanda and all the other new "Re-" varieties, Reinette du Canada, Rubinola, Spartan, Summerred, Topas, Vista Bella.

N. UNITED STATES OF AMERICA

Table 1
Apple Production by Variety in U.S.

Apple Variety	Percentage of U.S. total Production
Red Delicious	27.0
Golden Delicious	13.0
Gala	10.0
Fuji	9.0
Granny Smith	9.0
Mc Intosh	5.0
Rome	4.0
Idared	2.0
Jonathan	2.0
Empire	2.0
York	2.0
Cortland	1.0
Northern Spy	1.0
R.I Greening	1.0
Stayman	1.0
Newton	1.0
Winesap	0.--
Gravenstein	0.--
All Others	10.0
Total	100.0