

Specialized Section on Standardization of Fresh Fruit and Vegetables

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Items 4(a) of the provisional agenda

REVISION OF UNECE STANDARDS

Apples

This note presents proposals by the delegation of Italy on the list of varieties.

QUALITY STANDARD FOR APPLES

Proposal of the Italian Delegation

List of varieties

Preliminary remarks

The main purpose is a reasonable simplification of the list attached to Reg. 85/2004 amended by Reg. 460/2008, having in mind both the need for growers to rely on parameters assuring high quality and valuable production, and the necessity to maintain the aspects related to information and fruit quality for the consumer.

Reduction of the list of varieties

Nowadays, the selection of new varieties and mutations is very fast.

Most of new varieties and mutations are “patented” and they are often linked to protected trademarks subject to royalties.

Continuous and precise updating of the list of varieties as expressed in Reg. 85/2004 and following amendments is almost impossible.

Furthermore, it must be taken into account that about 79,3% of the international production of apples consists of a very small group of varieties and their mutations.

Colour chart

The preservation in the Regulation of a reference to “Varietal groups” related to the colour is very important.

Colour is considered a fundamental quality parameter for the valorisation of apples, it is also one of the factors contributing to the distinction between Extra, I and II class.

The deletion from the Regulation of any reference to varieties -and consequently to colour properties- could imply the impossibility to classify apples in three different classes, losing an important commercial parameter for producers, distributors and consumers.

Definitions

Varietal Group

The term “Varietal group” must be interpreted as a group composed of the main variety and all the mutations/clones selected from this variety.

New varieties

For the purpose of this Regulation and in order to provide the consumer with the most essential information, a selection can be defined “New varietal group” only when it is the result of a crossbreed - natural or induced – of two progenitor varieties.

Proposal

List of main apple varietal groups, classified under colouring and russeting criteria.

Fruits not listed in following varietal groups must be classified according to their varietal characteristic.

The indication of the varietal group of reference is mandatory.

The indication of the mutation/clone resulting from a main variety is an option and it's subordinated to the indication of the varietal group

<i>Varietal Group</i>	<i>Clone / Mutation</i>	<i>Synonym</i>	<i>Colour Class</i>	<i>Russeting</i>
<i>Annurca</i>			<i>B</i>	
<i>Boskoop Rouge</i>		<i>Red Boskoop</i> <i>Roter Boskoop</i>	<i>B</i>	<i>R</i>
<i>Braeburn</i>			<i>B</i>	
	<i>Aurora</i>			
	<i>Brawori</i>			
	<i>Ella</i>			
	<i>Fenebra</i>			
	<i>Fenwicks Braeburn</i>			
	<i>Hidala</i>			
	<i>Joburn</i>			
	<i>Lochbuie Red Braeburn</i>			
	<i>Mahana Red</i>			
	<i>Mariri Red</i>			
	<i>Queen B</i>			
	<i>Redfield</i>			
	<i>Rosabel</i>			
	<i>Royal Braeburn</i>			
	<i>Splendor</i>			
	<i>Toymac</i>			
<i>Bramley's Seedling</i>	<i>Bramley, Triomphe de Kiel</i>			
<i>Cortland</i>			<i>B</i>	
<i>Cox Orange</i>		<i>Cox Orange Pippin</i>	<i>C</i>	<i>R</i>
	<i>Cherry Cox</i>			<i>R</i>
<i>Cripps Pink</i>			<i>C</i>	
	<i>Pink Rose</i>			
	<i>Rosy Glow</i>			
	<i>Ruby Pink</i>			
<i>Elstar</i>			<i>C</i>	
	<i>Daliter</i>			
	<i>Elanared</i>			
	<i>Elshof</i>			
	<i>Elstar Armhold</i>			
	<i>Elstar Boerekamp</i>			

	<i>Elstar Reinhardt</i>			
	<i>Bel-El</i>			
	<i>Daliest</i>			
	<i>Goedhof</i>			
	<i>Red Elstar</i>			
	<i>Valstar</i>			
<i>Fuji</i>			<i>B</i>	
	<i>Aztec</i>			
	<i>Cristia</i>			
	<i>Fiero</i>			
	<i>Fubrax</i>			
	<i>Fuji Fubrax</i>			
	<i>Fujiko</i>			
	<i>Fukan</i>			
	<i>Gilmer Fuji</i>			
	<i>Heisei Fuji</i>			
	<i>Infel</i>			
	<i>Kiku</i>			
	<i>Myra Fuji</i>			
	<i>Rakuraku</i>			
	<i>Rubinfuji</i>			
	<i>Spike Fuji</i>			
	<i>Sun Fuji</i>			
	<i>Totara Fuji</i>			
<i>Gala</i>			<i>B</i>	
	<i>Annaglo</i>			
	<i>Autumn Gala</i>			
	<i>Baigent</i>			
	<i>Banning Gala</i>			
	<i>Bigigalaprim</i>			
	<i>Bucheye</i>			
	<i>Cherry Gala</i>			
	<i>Dalitoga</i>			
	<i>Galaxy</i>			
	<i>Gala Fendeca</i>			
	<i>Gala Rossa</i>			
	<i>Gala Schnitzer</i>			
	<i>Gala Venus</i>			
	<i>Mc Donald Gala</i>			
	<i>Mitchgala</i>			
	<i>Obrogala</i>			
	<i>Pacific Gala</i>			
	<i>Regala</i>			
	<i>Regal Prince</i>			
	<i>Royal Beauty</i>			
	<i>Simmons</i>			
	<i>Stiekema Gala</i>			
	<i>Tenroy</i>			
	<i>Treco Red Gala</i>			

<i>Gloster</i>			<i>B</i>	
<i>Golden Delicious</i>			<i>D</i>	
	<i>Deljeni</i>			
	<i>Elbee</i>			
	<i>Goldensheen</i>			
	<i>Golden Crieelaard</i>			
	<i>Golden Firmgold</i>			
	<i>Golden Gibson</i>			
	<i>Golden Leratess</i>			
	<i>Golden Reinders</i>			
	<i>Golden Supreme</i>			
	<i>Gradigold</i>			
	<i>Luva</i>			
	<i>Lysgolden</i>			
	<i>Quemoni</i>			
	<i>Smoothee</i>			
	<i>Snygold</i>			
<i>Granny Smith</i>			<i>D</i>	
<i>Idared</i>			<i>B</i>	
<i>Jonagold</i>			<i>B</i>	
	<i>Crowngold</i>			
	<i>Daligo</i>			
	<i>Daliguy</i>	<i>Jonasty</i>		
	<i>Dalijeau</i>	<i>Jonamel</i>		
	<i>Daliryan</i>			
	<i>Decosta</i>			
	<i>Early Jonagold</i>			
	<i>Jogo.Boerekamp</i>			
	<i>Jomured</i>			
	<i>Jonagold 2000</i>	<i>Excel</i>		
	<i>Jonabel</i>			
	<i>Jonabres</i>			
	<i>King Jonagold</i>			
	<i>New Jonagold</i>	<i>Fukushima</i>		
	<i>Novajo</i>	<i>Veulemanns</i>		
	<i>Schneica</i>			
	<i>Veulemans Jonagold</i>			
	<i>Wilmuta</i>			
	<i>Jonagored</i>			
	<i>Decosta</i>			
	<i>Jomured</i>	<i>Van de Poel</i>		
	<i>Jonagold Boerekamp</i>			
	<i>Jomar</i>			
	<i>Jonagored Supra</i>			
	<i>Jonaveld</i>			
	<i>Primo</i>			
	<i>Romagold</i>	<i>Surkijn</i>		
	<i>Rubinstar</i>			
	<i>Red Jonaprince</i>			

<i>Jonathan</i>			<i>B</i>	
<i>Lobo</i>			<i>B</i>	
<i>Morgenduft</i>		<i>Imperatore</i>	<i>B</i>	
<i>Pinova</i>			<i>C</i>	
	<i>Dalinip</i>			
	<i>Dalirail</i>			
	<i>Roho</i>			
<i>Red Delicious</i>			<i>A</i>	
	<i>Averdal</i>			
	<i>Campspur</i>			
	<i>Cyberg</i>			
	<i>Erovan</i>			
	<i>Evasni</i>			
	<i>Flatrar</i>			
	<i>Fortuna Delicious</i>			
	<i>Hapke Delicious</i>			
	<i>Hi Early</i>			
	<i>IT Red Delicious</i>			
	<i>Jeromine</i>			
	<i>Morgan Spur</i>			
	<i>Okanored</i>			
	<i>Otago</i>			
	<i>Redkan</i>			
	<i>Red King</i>			
	<i>Red Spur</i>			
	<i>Red York</i>			
	<i>Richared</i>			
	<i>Royal Red</i>			
	<i>Sandidge</i>			
	<i>Shotwell Delicious</i>			
	<i>Stark Delicious</i>			
	<i>Starking</i>			
	<i>Starkrimson</i>			
	<i>Starkspur</i>			
	<i>Starkspur Supreme</i>			
	<i>Starkspur Suprime Red</i>			
	<i>Starkspur Ultra</i>			
	<i>Super Starking</i>			
	<i>Topred</i>			
	<i>Trumdor</i>			
	<i>Valtod</i>			
	<i>Well Spur</i>			
	<i>Yakred</i>			
<i>Reinette Blanche du Canada</i>		<i>Reinette du Canada, Canada Blanc, Kanadarenette, Renetta del Canada</i>	<i>D</i>	<i>R</i>
<i>Shampion</i>			<i>B</i>	
<i>Stayman</i>	<i>Stayman Winesap</i>		<i>B</i>	

ANNEX

Evaluations concerning the list of varieties

The indication of varietal groups in the chart attached to the Regulation implies both positive and negative aspects:

Advantages

- Simplification of controls
- Clarity for producers regarding the minimum level requested for the indication of varieties
- Clarity for consumers regarding both varieties and classification (Extra, I, II)
- Flexibility to indicate specific names for patented varieties and/or trademarks
- Opportunity for updating only in long period
- Independence from problems related to patents and/or royalties

Disadvantages

- About 20% of apples grown worldwide must comply only with basic parameters of classification and quality
- The varietal group reduces the level of minimum colour requested, for most coloured selections as well