

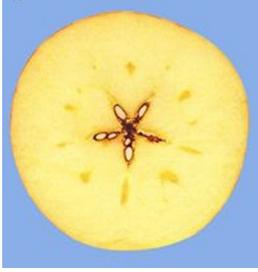
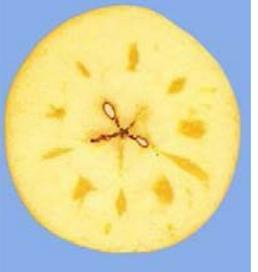


Apples – note to interpret the UNECE/EU marketing standard

This note has been agreed internationally to explain some areas of the marketing standard that are not clear. It also gives information about defects that are not in the marketing standard. It does not cover all the requirements, you can read these in the marketing standard on GOV.UK.

Defect	Extra Class	Class I	Class II	GMS limit*
Bitter pit	None.	None.	1 or 2 spots at an early stage allowed within the 10% tolerance. Serious pit is out of grade (allowed within maximum 3% tolerance).	
Bruise	None.	1cm ² or less allowed - not discoloured.	1.5cm ² or less allowed - slightly discoloured.	1.5cm ² or less allowed - discoloured allowed.
Cracked russet	None.	None.	Allowed at stalk and flower end, if it is shallow, sound and within the blemish area. None allowed on the cheek, even for russet varieties	Some allowed on cheek, if consumption is not affected.
Frost damage	None.	Allowed within the blemish area (1cm ² or less) and within the eye of the fruit. 	Shallow cracks within the blemish area (2.5cm ² or less) not affecting the flesh are allowed. Deep cracks are out of grade. 	Shallow cracks not affecting the flesh are allowed. Deep cracks are out of grade.

Defect	Extra class	Class I	Class II	GMS Limit*
Hail Damage	None.	Not more than 2 small shallow spots that do not exceed the blemish area (1cm ² or less) allowed. The flesh must be perfectly sound. There is a need to cut to determine the depth. 	Must be shallow and within the blemish area (2.5 cm ² or less) allowed. No breakdown. 	Several slight shallow spots allowed if consumption is not affected.
Lenticels – Granny Smith (characteristic of variety)	Allowed if evenly spread, small, white and not detracting.	Isolated small corky lenticels allowed.	Raised and corky lenticels allowed if characteristics of variety are not masked.	
Scald/blemish	None.	Superficial scald only allowed, within blemish area (1cm ² or less).	Superficial scald only allowed, within blemish area (2.5cm ² or less).	Superficial scald only allowed, on 50% or less of skin affected.
Shape – King Fruit		Allowed if slight.	More pronounced allowed	
Shape – other	Characteristic of variety allowed.	Slight defect of shape allowed.	Defect of shape allowed, if stem cavity and blossom end are both clearly visible.	Any allowed, if consumption is not affected.
Stalk punctures	None.	1 very shallow and healed allowed.	Not more than 2 allowed, must be shallow and dry with no deterioration	Several allowed, if dry and no deterioration
Shrivel	No.	Slight induced shrivel allowed.	Slight visible shrivel allowed on the shoulder of the fruit.	Slight shrivel allowed over the whole fruit.

Defect	Extra class	Class I	Class II	GMS Limit*
Size	Minimum size 50mm/ 70g. Minimum Brix 10.5° between 50-60mm.			Any size allowed, if meets a satisfactory degree of maturity and minimum 10.5° Brix.
Water core	Acceptable			Water core allowed, if it is not extensive or visible from the outside.
	<div style="display: flex; justify-content: space-around; align-items: center;">   </div> <p style="text-align: center;">Radial water core allowed if contained within vascular bundles as an indication of sufficient maturity at harvest.</p>			

SMS regulated

GMS regulated Crab, cashew and rose apple.

* Apples that do not meet the requirements of the specific marketing standard (SMS) can still be sold for home processing if they meet the sound, fair and marketable requirements of the general marketing standard. They must be labelled 'for home processing', but must not be labelled with an SMS class.