

COMMON STANDARDS OF QUALITY FOR APPLES

1. Definition of produce

This standard applies to apples to be supplied fresh to the consumer, apples for industrial processing being excluded. There are three main classes apples:

Class I for apples of good quality

Class II for apples of reasonably good quality and class III for apples that are fit to eat but may have significant defects.

II. Quality

Classes		
I	II	III
Minimum requirement for all classes The apples must be: <ul style="list-style-type: none"> • Intact • Sound: produce affected by rotting or deterioration such as to make it unfit for consumption is excluded • Clean: practically free from any visible matter • Practically free from pests and damage caused by pests • Free from any foreign smell or taste 		
Additional Requirements <ul style="list-style-type: none"> • Apples in this class must be of good quality. They must have characteristics typical of the variety. However the following may be allowed: <ul style="list-style-type: none"> ⇒ A Slight defect in shape ⇒ A slight defect in development ⇒ Slight defect in coloring • The stem may be slightly damaged • The fresh must be perfectly sound. Skin defects not not liable to impair the general appearance and keeping qualities are, however allowed for each fruit within the following limits: <ul style="list-style-type: none"> ⇒ Defects of elongated shape must not exceed 2cm in length (or 1cm² in total area affected) • For red varieties, at least half of the surface of the fruit must be red colored. 	<ul style="list-style-type: none"> • This class includes apples, which do not qualify for class I, but satisfy the minimum requirements. • Defects in shape, development and coloring are allowed provided that the fruit preserves its characteristics. • The stem may be missing, provided that the skin is not damaged. • The fresh must be free from major defects. Skin defects are however, allowed for each fruit within the following limits. <ul style="list-style-type: none"> ⇒ Defects of elongated shape: maximum 4cm (or 2.5cm² in total area affected). * For red varieties, at least a quarter of the surface of the fruit must be red colored 	

III. Sizing

The sizing of the apples is determined by the maximum diameter of the equatorial section.

Classes		
I	II	III
Minimum size <ul style="list-style-type: none">• 55 mm (for all varieties)• 45mm (for Red June variety only)		No requirement

IV. Tolerances:

In any one packaging tolerances are allowed, in respect of quality and size, for apples not satisfying the requirement of the class indicated.

Classes	
I	II
Quality * 10% by the number or weight of apples not satisfying the requirement for class, but meeting those for class II.	* 10% by the number or weight of apples not satisfying the requirement of the class, but meeting the minimum requirements.

V. PRESENTATION

Classes	
I	II
Uniformity The contents of each package must be uniform and must contain only apples of the same. <ul style="list-style-type: none">⇒ Area of origin (i.e. Dzongkhag)⇒ Variety or commercial name⇒ Quality⇒ Size (Optional) The visible part of the contents of each package must be representative of the entire contents.	
Packaging <ul style="list-style-type: none">• The apples must be packed in such a way as to protect the produce properly.• The materials used inside the package must be new, clean and quality such as to avoid causing external or internal damage to the produce.• All materials used, particularly of paper or stamps must use non-toxic ink or glue.• The package must be free from all foreign materials.	

VI. Marking

Each package must bear the following particulars in letters grouped on the same side, legibly and indelibly marked and visible from the outside:

- **Identification**
 - ⇒ Packers and /or dispatcher: name and address or officially issued or accepted code mark
- **Nature of produce**
 - ⇒ Word “apple” and the commercial name or variety
- **Origin of produce**
 - ⇒ Country of origin and, optionally district where grown
- **Commercial specification s**
 - ⇒ Class
 - ⇒ Size expressed as minimum and maximum diameters or alternatively the word “extra-small”, “small, medium, large or extra-large” (if sizing scale is followed)
 - ⇒ Weight (in kg) or count (number of fruits).
- **Official control mark**