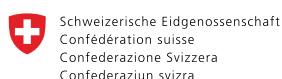




APPLE PRODUCT CLASSIFICATION

Brochure based on UNECE standards

SUPPORTED BY:



Ministry of Foreign
Affairs of Denmark



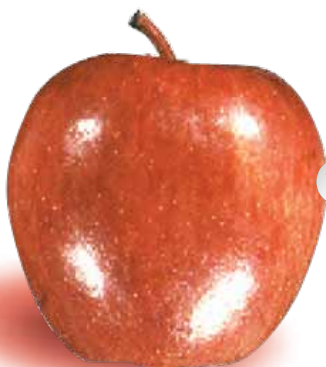
EXTRA CLASS



■ **Granny Smith**
Skin marks.
 No marks on the skin



■ **Golden Delicious**
Russet.
 Presence in less than 1 cm²



■ **Red Delicious**
Skin marks.
 No marks on the skin



■ **Red Delicious**
Russet.
 Presence in less than 1 cm²



■ **Granny Smith**
Sunburn.
 No change in colour



■ **Granny Smith**
Blush.
 No blush allowed



■ **Golden Delicious**
Hail damage.
 Presence in less than 1 cm²



■ **Golden Delicious**
Blush.
 No blush allowed

■ **Tolerance:** A total tolerance of 5 % by number or weight of apples not satisfying requirements of Class Extra, but meeting those of Class I is allowed.

EXTRA CLASS



■ **Granny Smith**
Hail damage.
No hail damage



■ **Granny Smith**
Skin color.
Green color



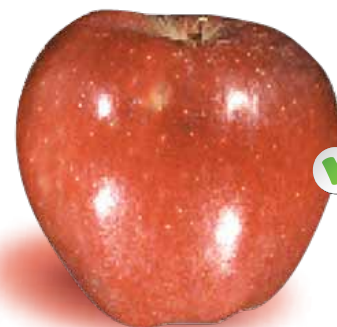
■ **Golden Delicious**
Hail damage.
No hail damage



■ **Golden Delicious**
Skin color.
Color between green and yellow



■ **Granny Smith**
Fruit shape.
Normal shape



■ **Red Delicious**
Skin color.
More than 80% of the skin in red color



■ **Golden Delicious**
Fruit shape.
Normal shape



■ **Tolerance:** A total tolerance of 5 % by number or weight of apples not satisfying requirements of Class Extra, but meeting those of Class I is allowed.

CLASS I



■ **Granny Smith**
Skin marks.
 Marks not longer than 1 cm



■ **Granny Smith**
Sunburn.
 Slight color fading



■ **Red Delicious**
Skin marks.
 Marks not longer than 1 cm



■ **Golden Delicious**
Sunburn.
 Slight color fading



■ **Golden Delicious**
Russet.
 Presence in less than 1.5cm²



■ **Granny Smith**
Sunburn.
 Slight color change



■ **Red Delicious**
Russet.
 Presence in less than 1.5cm²



■ **Golden Delicious**
Sunburn.
 Slight color change

■ **Tolerance:** A total tolerance of 10% by number or weight of apples not satisfying requirements of Class I, but meeting those of Class II is allowed.

CLASS II



CLASS II

■ Granny Smith

Hail damage.
Healed marks of diameter less than 0.5cm²



CLASS II

■ Granny Smith

Skin color.
Between green and yellow



CLASS II

■ Red Delicious

Hail damage.
Healed marks of diameter less than 0.5cm²



CLASS II

■ Golden Delicious

Skin color.
Less green and more yellow



CLASS II

■ Granny Smith

Fruit shape.
Regular or semi squat shape



CLASS II

■ Red Delicious

Skin color.
More than 70% of the skin in red color



CLASS II

■ Golden Delicious

Fruit shape.
Regular or semi squat shape



CLASS II

■ **Tolerance:** A total tolerance of 10% by number or weight of apples not satisfying requirements of Class I, but meeting those of Class II is allowed.

NOT ALLOWED FOR CLASSIFICATION



X NOT ALLOWED

■ **Granny Smith**
Skin marks.
Marks longer than 1 cm



X NOT ALLOWED

■ **Red Delicious**
Skin marks.
Marks longer than 1 cm



X NOT ALLOWED

■ **Golden Delicious**
Russet.
Presence in more than 1.5 cm²



X NOT ALLOWED

■ **Red Delicious**
Russet.
Presence in more than 1.5cm²



X NOT ALLOWED

■ **Granny Smith**
Sunburn.
Considerable change of color



X NOT ALLOWED

■ **Golden Delicious**
Sunburn.
Considerable change of color



X NOT ALLOWED

■ **Granny Smith**
Blush.
Excessive blush



X NOT ALLOWED

■ **Golden Delicious**
Blush.
Excessive blush



X NOT ALLOWED

■ **Granny Smith**
Hail damage.
Healed damage of diameter larger than 1 cm²



X NOT ALLOWED

■ **Red Delicious**
Hail damage.
Healed damage of diameter larger than 1 cm²



X NOT ALLOWED

■ **Granny Smith**
Fruit shape.
Flat shape



X NOT ALLOWED

■ **Golden Delicious**
Fruit shape.
Flat shape



X NOT ALLOWED

■ **Granny Smith**
Skin color.
More yellow than green



X NOT ALLOWED

■ **Golden Delicious**
Skin color.
Yellow color



X NOT ALLOWED

■ **Red Delicious**
Skin color.
Less than 70% of the skin in red color



X NOT ALLOWED

PROPER PACKAGING



- Proper packaging of apples in carton box
THE VISIBLE PART OF THE PRODUCT SHOULD UNIFORMLY REPRESENT THE WHOLE CONTENT



- Packaging of extra class apples goes in layers

- Proper positioning of crates on a pallet



- Packaging of apples in consumer package

IMPROPER PACKAGING



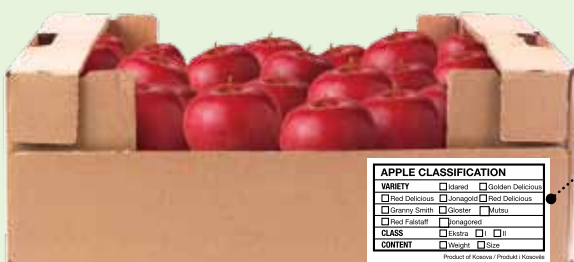
- Improper classification and packaging

- Improper packaging

PRODUCT NOT SUITABLE FOR CLASSIFICATION AND TOO MUCH PRODUCT IN A CARTON BOX



ANNOTATION ON THE PACKAGING



APPLE CLASSIFICATION

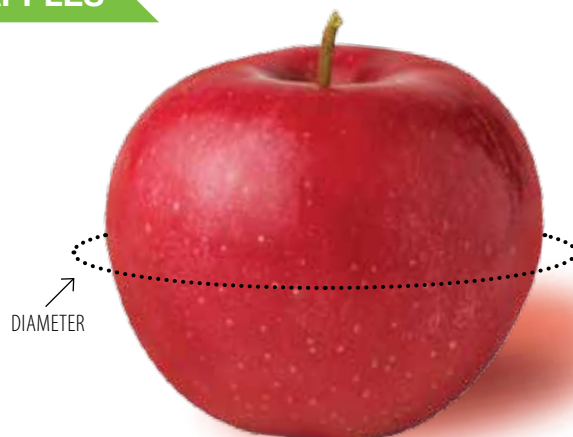
VARIETY	<input type="checkbox"/> Idared	<input type="checkbox"/> Golden Delicious
	<input type="checkbox"/> Red Delicious	<input type="checkbox"/> Jonagold <input type="checkbox"/> Red Delicious
	<input type="checkbox"/> Granny Smith	<input type="checkbox"/> Gloster <input type="checkbox"/> Mutsu
	<input type="checkbox"/> Red Falstaff	<input type="checkbox"/> Jonagored
CLASS	<input type="checkbox"/> Ekstra	<input type="checkbox"/> I <input type="checkbox"/> II
CONTENT	<input type="checkbox"/> Weight	<input type="checkbox"/> Size

Product of Kosova / Produkt i Kosovës

PROVISIONS CONCERNING SIZING OF APPLES

The size of apples is determined either by the maximum diameter or by weight.

For all varieties and for all classes the minimum size is 60 mm, if measured by diameter, or 90 g, if measured by weight.



UNIFORMITY IN WEIGHT

For fruit sized by diameter, the difference in diameter between fruit in the same package shall be limited to:

- 5 mm for all classes of fruit packed in rows and layers
- 10 mm for Class I and II of fruit packed loose in the package or in consumer packages.

For "Extra" Class and Class I apples packed in rows and layers, the difference in weight between the lightest and the heaviest fruit in the same package shall be limited to:

Range (g)	Weight difference (g)
70-90	15 g
91-135	20 g
136-200	30 g
201-300	40 g
> 301	50 g

There is no uniformity requirement by weight for Class II fruit packed loose in the package or in consumer packages.

SIZING TOLERANCES

In addition to ranges, for all classes: a total tolerance of 10 per cent, by number or weight, of apples not satisfying the requirements as regards sizing is allowed.

