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FRESH FRUIT & VEGETABLE IMPORT • LOGISTICS • RETAIL

ORANGE

Origin country	Variety	Type of package	Size	Unit weight
South Africa, Morocco, Egypt Argentina, Uruguay, Turkey	Navel, Valencia, Fukumato, Washington Salustiana, Delta, Midnight, Cara Cara	carton box plastic box wooden box	minimum diameter 73+ mm	13-15 kg

DESCRIPTION OF GOODS

- firm skin of bright orange colour (fruit with light green colour not exceeding one fifth of the total surface area of the fruit is allowed, provided it satisfies the minimum requirements as to juice content) typical of the variety;
- flesh of bright orange colour (small red spots are allowed);
- minimum juice content: 33% (Navel), other varieties -35%;
- minimum sugar/acid ratio - 6,5:1

CLASSIFICATION / DEFECTS

1st GRADE	2nd GRADE
<p>Orange of this grade must be characteristic of the variety and/or commercial type. The following slight defects, however, may be allowed, provided these do not affect the general appearance of the produce, the quality, the keeping quality and presentation in the package:</p> <ul style="list-style-type: none"> • a slight defect in shape; • slight defects in colouring, including slight sunburn; • slight skin defects, provided they do not affect the flesh; • slight skin defects occurring during the formation of the fruit, such as silver scurfs, russets or pest damage; • slight healed defects due to a mechanical cause such as hail damage, rubbing or damage from handling. <p>All of these skin defects together should not be on more than 1/5 of the fruit surface.</p>	<p>This grade includes oranges that can't be included in the 1st grade but satisfies the minimum requirements specified in the introduction.</p> <p>The following defects may be allowed, provided the oranges retains its essential characteristics as regards the quality, the keeping quality and presentation :</p> <ul style="list-style-type: none"> • defect in shape; • defects in colouring, including slight sunburn; • progressive skin defects, provided they do not affect the flesh • skin defects occurring during the formation of the fruit, such as silver and brown scurfs, russets by pest damage • healed defects due to a mechanical cause such as hail damage, rubbing or damage from handling <p>All of these skin defects together should not be on more than 1/3 of the fruit surface. Tolerances - no more than 10% of the shipment (supply of 1 grade)</p>
OUT OF STANDARD	WASTE
<ul style="list-style-type: none"> • with severe mechanical damages of skin not affecting the flesh (damaged fruit-stalk); • severely deformed due to the pressure of the surrounding fruits and packs; • severe defects in shape; • protruding and internal navels (depending on the variety); • severe defects of skin not qualify for inclusion in the II grade; • skin defects occurring during the formation of the fruit, such as silver scurfs, russets or pest damage; • with slight signs of shrivelling and dehydration; • contaminated, with chemical residues • rough skin <p>Tolerance - no more than 3% of the shipment.</p>	<p>Oranges not corresponding to minimum requirements (Introduction) and:</p> <ul style="list-style-type: none"> • fruits of bright green colour exceeding one fifth of the total surface area / dark green colour; • rotten, contaminated (sowing by mold fungi spores), molded stalk; • with progressive agricultural diseases; • with severe mechanical damages of skin affecting the flesh; • damage caused by low temperature/ frost or heat; • damage caused by pests. • Dried
<p>No more than 10% of fruits which the size is less than the minimal allowed size (less than 73 mm)</p>	

1st GRADE



2nd GRADE DEFECTS



Photo 6: defect in shape Photo 7: sunburn Photo 8: healed defects due to a mechanical cause
Photo 9: silver and brown scurfs caused by pest damage

OUT OF STANDARD



Photo 10: damaged fruit-stalk Photo 11: severe defects in shape Photo 12: rough skin / creasing
Photo 13: navel Photo 14: severe defects of skin Photo 15: chemical residues

WASTE



Photo 16: presence of green colour Photo 17: rotten Photo 18: agricultural diseases
Photo 19: frozen Photo 20: damage caused by pests