



DOING OUR BUSINESS WE CARE FOR YOU

WWW.TROPIC-GROUP.RU

FRESH FRUIT & VEGETABLE IMPORT • LOGISTICS • RETAIL

**MANGO**

Origin country	Variety	Type of package	Size	Unit weight
Israel Brazil Kenya Peru	Kent, Keitt Tommy Apple	carton box	minimal weight 310+ g	4 kg

**DESCRIPTION OF GOODS**

- color of skin is from dark-green to light green with whitish, grayish or purple blush;
- flesh density no less than 3 kg;
- sizes: A - 100-350 g B - 351-550 g C - 510-800 g D - >800 g

**CLASSIFICATION/ DEFECTS**

1st GRADE	2nd GRADE
<p>Mangoes of these grades 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"> <li>• slight defects in shape;</li> <li>• slight skin defects due to rubbing or sunburn and suberized stains due to resin exudation (elongated trails included) not exceeding 3, 4, 5, 6 cm<sup>2</sup> for size groups A, B, C, D respectively;</li> <li>• slight bruising;</li> <li>• a yellowing of green varieties due to exposure to direct sunlight, not exceeding 40 per cent of the surface of the fruit, excluding necrotic stains.</li> </ul>	<p>These grades includes mangoes that can't be included in the 1st grade but satisfy the minimum requirements specified in the Introduction. The following defects may be allowed, provided the mangoes retain their essential characteristics as regards the quality, the keeping quality and presentation:</p> <ul style="list-style-type: none"> <li>• defects in shape;</li> <li>• skin defects due to rubbing or sunburn and suberized stains due to resin exudation (elongated trails included) not exceeding 5, 6, 7, 8 cm<sup>2</sup> for size groups A, B, C, D respectively;</li> <li>• bruising;</li> <li>• scattered rust-coloured lenticels;</li> <li>• a yellowing of green varieties due to exposure to direct sunlight, not exceeding 40 per cent of the surface of the fruit, excluding necrotic stains.</li> </ul> <p><b>Tolerance - no more than 10% of the shipment (1 grade)</b></p>
OUT OF STANDARD	WASTE
<ul style="list-style-type: none"> <li>• severe defect of shape;</li> <li>• slight mechanical damages, affecting the flesh;</li> <li>• sunburn;</li> <li>• contaminated, with chemical residues;</li> <li>• marked bruises;</li> <li>• with slight signs of wilting;</li> <li>• with excessive secretion;</li> <li>• damages caused by pests, not affecting the flesh;</li> <li>• slightly soften fruits (with penetration up to 3 kg, but more then 2 kg).</li> </ul> <p><b>Tolerance - no more than 3% of the shipment.</b></p>	<p>Mangoes which don't correspond to minimum requirements (Introduction) and</p> <ul style="list-style-type: none"> <li>• damaged caused by agricultural diseases (anthracnose etc);</li> <li>• overripened (with penetration up to 2 kg);</li> <li>• with severe mechanical damages;</li> <li>• damaged caused by pests;</li> <li>• shriveled;</li> <li>• rotten; damaged caused by frost; steamed.</li> </ul>
<p><b>No more than 10% of fruits which the size is less than the minimal allowed size</b></p>	

**1st GRADE**

Photo 1,2: mango of the 1st grade

Photo 3,4: packaging (bulk)



**2nd GRADE DEFECTS**



Photo 5: defects in shape    Photo 6: skin defects    Photo 7: direct sunlight, not exceeding 40 per cent of the surface of the fruit    Photo 8: suberized stains due to resin exudation

**OUT OF STANDARD**



Photo 9: chemical residues    Photo 10: marked bruises    Photo 11: signs of wilting  
Photo 12: damages caused by pests, not affecting the flesh    Photo 13: sunburn

**WASTE**



Photo 14: anthracnose    Photo 15: overripened    Photo 16: severe unhealed mechanical damages  
Photo 17: damages caused by pests affecting the flesh    Photo 18: rotten    Photo 19: frozen