

# Produce Specification: Banana

<b>CATEGORY</b>	Bananas	<b>PRODUCT</b>	Generic, Bobby, Cavendish, Plantain, Morado, Fair Trade, Organic.
<b>PACK TYPE</b>	Loose	<b>GRADE</b>	Premium

## GENERAL APPEARANCE

<b>COLOUR</b>	From green (stage 3-4) to yellow (stage 4-5 ripe). Uniform colour within the box.	
	<b>MORADO</b>	Maroon when ripe.
<b>SHAPE</b>	Slightly arched, with blunted butt end. Intact, undamaged necks. Nil with double pulps or 'sausage' shapes.	
<b>SENSORY</b>	Firm, not soft. No off odours or tastes.	
<b>MATURITY</b>	Finger maturity thickness - measured at right angles to the curve of the fruit at a point one third from its flowering end.	
<b>CLEANLINESS</b>	Free from dirt, insect stains, residue or other foreign matter. Cleanly trimmed.	

## UNSALEABLE DEFECTS

<b>FOREIGN MATTER</b>	Evidence of live insects.	
	Nil foreign matter (e.g. glass, metal, hard plastics).	
<b>PRODUCT COUNT</b>	No undercounts.	

## MAJOR DEFECTS

<b>DISEASES</b>	Fungal or bacterial rots of skin or flesh e.g. cigar end rot, crown rot, anthracnose.	
<b>PHYSICAL IMPURITIES</b>	Unhealed cuts, holes, splits, wounds or pest damage that break the peel through to the pulp.	
	Severed or broken necks.	
<b>PHYSIOLOGICAL DEFECTS</b>	Excessive spotting of peel (senescent spotting).	
	Translucent core or pitting.	
<b>TEMPERATURE DAMAGE</b>	Black, brown or grey discolouration or streaks of peel and flesh (chilling injury).	
	Dark water-soaked areas (freezing injury).	

## MINOR DEFECTS

<b>PHYSICAL IMPURITIES</b>	Scars and brown scabs from insect hail or bird damage affecting areas > 2 cm <sup>2</sup> per bunch.	
	Red-brown patches (Banana rust) affecting areas > 4 cm <sup>2</sup> per bunch.	
	With dark sap stains (latex stains) affecting > 4 cm <sup>2</sup> per bunch.	
<b>SURFACE INCONSISTENCIES</b>	Surface bruising (< 1mm deep), abrasion or rub damage (tan, brown, black) affecting > 8 cm <sup>2</sup> per bunch.	

## SIZE - LENGTH




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<b>SIZE CATEGORY</b>	<b>GENERIC</b>	165 – 192 mm				
	<b>BOBBY</b>	165 – 192 mm				
	<b>CAVENDISH/FAIR TRADE/ORGANIC</b>	200 – 345 mm				
	<b>PLANTAIN</b>	>200 mm				
	<b>MORADO</b>	130 – 180 mm				
<b>RECEIVAL</b>						
<b>TEMPERATURE °C (AT ARRIVAL)</b>	13 – 18					
<b>TOLERANCE</b>	Unsaleable defects 0%					
	Major defects <5%					
	Minor defects <10%					
	Combined total limit <10%					
	<5 outside of size range					
<b>PACKAGING &amp; LABELLING</b>	<p>Packaging manufactured from new food grade materials or sanitised returnable crates.                      Packaging to adhere to <b>Food Stuffs North Island Produce Packaging Guidelines</b>.                      All labelling must meet the current legislative requirements.  <b>Crate card</b> must include the product description, SKU number (in large font), supplier name, grower/packer's name, product grade, count/weight, and delivery date.  <b>Pre-packaged</b> produce must display the grower's name, the packed on date, best before date or used by date (batch code optional).</p>					
<b>SHELF LIFE</b>	Produce must have a shelf life of <b>at least 2-4 days</b> upon arrival at the Distribution Centre, or direct to the store from the supplier.					
<b>TRANSPORT CONDITIONS</b>	<p>Stacked to Ti Hi specifications onto a stabilised pallet as per-ordered. Refrigerated van with air bag suspension, unless otherwise approved. Goods must be received in accordance with <b>Foodstuffs North Island Receiving and Carrier Guidelines</b> (refer to reference materials for more information).                      Of note are pallet size, stacking standards and crate cards.</p>					
	<p>Full pallet deliveries to Foodstuffs distribution centres must comply with the pallet configuration requirements outlined below.                      Each listed material must be supplied in accordance with the specified TI (cases per layer), HI (number of layers), and total pallet case quantities.</p>					
	<b>PALLET CONFIGURATIONS</b>					
	<b>MATERIAL NUMBER</b>	<b>MATERIAL DESCRIPTION</b>	<b>TI</b>	<b>HI</b>	<b>PALLET CASES</b>	
	5246575	BANANAS FIRM 18KG EC (P)	5	6	30	
	5246581	BANANAS RIPE 18KG EC (P)	5	6	30	
	5246577	BANANAS RIPE 18KG (P)	6	6	36	
5246578	BANANAS FIRM 18KG (P)	6	6	36		

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<p><b>CHEMICAL CONTAMINATE RESIDUE</b></p>	<p>Relevant growers and/or producers, hold, will maintain, and will comply with all necessary certificates, licenses, permits, and other approvals required by Laws or the Policies and Compliance Requirements for the manufacture, packing, supply, and storage of the groceries. This includes NZGAP (including the Social Practice Standards add-on) and/or GLOBALG.A.P (including GRASP) certification.</p>
<p><b>ORGANICS</b></p>	<p>BioGro certificate, or equivalent, is required to supply organic products into both Foodstuffs stores and Distribution Centres. The current certificate should be available on the Foodstuffs Exchange.</p>

## PHOTOS OF DEFECTS

		
<p>Chilling injury.</p>	<p>Brown/black spotting.</p>	<p>End rot.</p>
		
<p>Colour variation too broad.</p>		