

# Produce Specification: Radish

<b>CATEGORY</b>	Radish	<b>PRODUCT</b>	Generic
<b>PACK TYPE</b>	Bunched and Pre-packed	<b>GRADE</b>	Premium

## GENERAL APPEARANCE

<b>COLOUR</b>	Vibrant red skin, sometimes with white around tops and roots, white translucent flesh and green foliage.
<b>SHAPE</b>	Round to slightly oblong.
<b>SENSORY</b>	Crisp, juicy flesh, peppery flavour. No off odours or tastes.
<b>MATURITY</b>	Firm, not fibrous, woody or oversize.
<b>CLEANLINESS</b>	Free from dirt, insect stains, residue, or other foreign matter. Cleanly trimmed at base. Small soil traces on outer leaves are allowable.

## 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.
<b>PHYSICAL IMPURITIES</b>	Unhealed cuts, holes, splits, wounds or pest damage that breaks the skin.
	Severe bruising and areas of discolouration.
<b>PHYSIOLOGICAL DEFECTS</b>	Dry or woody core separating from flesh.
	Misshapen bulbs.
<b>TEMPERATURE DAMAGE</b>	Dark sunken water-soaked areas on skin surface (freezing injury).

## MINOR DEFECTS

<b>PHYSICAL IMPURITIES</b>	Minor bruising affecting > 1 cm <sup>2</sup> .
<b>SURFACE INCONSISTENCIES</b>	Light blemishes, skin marks and surface scratches affecting >2 cm <sup>2</sup> in aggregate.

## SIZE

<b>SIZE CATEGORY</b>	<b>BULBS</b>	20 – 40 mm diameter
	<b>FOLIAGE</b>	120 – 200 mm length
	Supplied in bunches of approximately 12 radishes.	

## RECEIVAL



<b>TEMPERATURE °C (AT ARRIVAL)</b>	4 –7
<b>TOLERANCE</b>	Unsaleable defects 0%
	Major defects <5%
	Minor defects <10%
	Combined total limit <10%
	<5% outside of size range

<p><b>PACKAGING &amp; LABELLING</b></p>	<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>
<p><b>SHELF LIFE</b></p>	<p>Produce must have a shelf life of <b>at least 14 days</b> upon arrival at the Distribution Centre, or direct to the store from the supplier. Produce must have a packed on date of <b>no more than 3 days</b> upon arrival at the Distribution Centre, or direct to the store from the supplier.</p>
<p><b>TRANSPORT CONDITIONS</b></p>	<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><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>Limp leaves.</p>	<p>Excessive dirt on leaves.</p>	<p>Insect damaged and yellowing leaves.</p>

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<p>Rotting radish and excess dirt.</p>	<p>Live insect.</p>	