

# Produce Specification: Potatoes

GENERAL APPEARANCE BY VARIETY		
VARIETY	COLOUR	SHAPE
All Rounder	White or light tan skin; yellow flesh.	Round to oval.
Agria Washed, Brushed	White or light tan skin; white flesh.	Round to oval.
Jersey Benne	White or light tan skin; white flesh.	Round to oval, mostly oval.
Low Carb	Creamy white skin and flesh.	Round to oblong.
Medley	Three varieties: yellow skin with yellow-orange flesh, red skin with yellow-gold flesh and purple skin with purple flesh.	Round to oval.
Oakleys	White or light tan skin; white flesh.	Round to oval.
Sunlite	Creamy white skin and flesh.	Round to oblong.
Vivaldi	White or light tan skin; pale yellow flesh.	Round to oval.
White Washed, Brushed	Creamy white skin colour & creamy white flesh.	Round to slightly oval.
Red	Mid to dark red skin colour with white to cream flesh.	Oval.
New Season	White or Light tan skin colour & white flesh.	Round to oval.
Perlas	White, cream to pale yellow skin colour with white/creamy to pale yellow flesh.	Oval to long oval

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POTATOES – GENERAL ACCEPTANCE CRITERIA		
<b>SENSORY</b>	Fresh and firm with no softening. No off odours or tastes.	
<b>MATURITY</b>	No soft or spongey tubers; or green patches.	
<b>CLEANLINESS</b>	<b>WASHED</b>	Free from dirt, insect stains, residue.
	<b>BRUSHED</b>	Dry & free from excessive dirt, insect stains, residue or other foreign matter.
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.	
<b>PACK WEIGHT</b>	No underweights.	
MAJOR DEFECTS		
<b>DISEASES</b>	Fungal or bacterial rots of skin or flesh (e.g. pink rot, dry rot, gangrene, late blight or bacterial wilt).	
	Raised or sunken corky growth on the skin surface (powdery scab, common scab).	
<b>PHYSICAL INPURITIES</b>	Cuts or splits that are greater than 20 mm long, 3 mm wide, and 3 mm deep.	
	Damage derived from insects, rodents, or nematode.	
	Deep, dark bruising and softened areas >3 mm.	
	Green areas on the skin or an overall green tinge (exposed to light, toxic compounds may form).	
	Extremely deformed or root constricted tubers, or tubers with advanced secondary growth.	
<b>PHYSIOLOGICAL DEFECTS</b>	Hollow cavities within potato (hollow heart).	
	Severe spotting on skin (brown fleck).	
	Evidence of sprouting >5 mm.	
	Dark pink or black areas in middle of potato (black heart).	
<b>TEMPERATURE DAMAGE</b>	Red-brown blotches or soft, water-soaked areas of the flesh (freezing injury).	
	Shrivelled and soft spongy flesh (dehydration).	
MINOR DEFECTS		
<b>PHYSICAL INPURITIES</b>	Cuts or splits (5 – 20 mm long, <2 mm wide, < 3 mm deep).	
	Bruising, scuffs or rub marks < 3 mm deep affecting >2 cm <sup>2</sup> .	
	Healed growth cracks or splits >3 mm wide or >3 mm deep.	
<b>SURFACE INCONSISTENCIES</b>	Silver scuff, rhizoctonia or russetting affecting >5 cm <sup>2</sup> .	
	Black speckling affecting in aggregate >2 cm <sup>2</sup> of skin.	
<b>TEMPERATURE DAMAGE</b>	Enlarged, swollen lenticels (>1mm diameter) affecting >5 cm <sup>2</sup> .	
SIZE		
	<b>5KG,10KG,20KG</b>	40 – 90mm

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SIZE CATEGORY	LARGE	55 – 80mm
	2KG, 2.5KG, 3KG, 4KG	45 – 75mm
	1KG/MEDLEY	30 – 50mm
	GOURMET	35 – 50mm
	JERSEY BENNE/OAKLEYS/ PERLAS BOX	25 – 50mm
	BABY PERLAS	20 – 35mm
<b>RECEIVAL</b>		
TEMPERATURE °C (AT ARRIVAL)	12 – 20	
TOLERANCE	Unsaleable defects 0%	
	Major defects <5%	
	Minor defects <10%	
	Combined total limit <10%	
	<5% outside size range.	
PACKAGING & LABELLING	<p>Packaging manufactured from new food grade materials or sanitised returnable crates.</p> <p>Packaging to adhere to <b>Food Stuffs North Island Produce Packaging Guidelines</b>.</p> <p>All labelling must meet the current legislative requirements.</p> <p><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.</p> <p><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>	
SHELF LIFE	<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.</p> <p>Produce must have a packed on date of <b>no more than 5 days</b> upon arrival at the Distribution Centre, or direct to the store from the supplier.</p>	
TRANSPORT CONDITIONS	<p>Stacked to Ti Hi specifications onto a stabilised pallet as per-ordered.</p> <p>Refrigerated van with air bag suspension, unless otherwise approved.</p> <p>Goods must be received in accordance with <b>Foodstuffs North Island Receiving and Carrier Guidelines</b> (refer to reference materials for more information).</p> <p>Of note are pallet size, stacking standards and crate cards.</p>	
CHEMICAL CONTAMINATE RESIDUE	<p>Relevant growers and/or producers, hold, will maintain, and will comply with all necessary certificates, licences, 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>	
ORGANICS	<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

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Remains of dead shoots.	Black spot.	Deep spotting.
		
Dry patches.	Live Sprouting.	Mould.
		
Rub.	Soft and shrivelled.	Splits.
		
Dry Cuts	Rots and Deep Cuts	Mis - Shaped

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ACCEPTABLE POTATO VARIETIES BY PRODUCT	
POTATOES PAMS WASHED 2.5KG 8CT, 4KG 5CT	Highlander/Nadine/Swift/White Beauty/Sifra /Columba /Vivaldi
POTATOES RED PAMS 2.5KG 8CT	Flamenco/Red Ruby/Laura/Desiree/Red Rosa/Ronan
POTATOES PAMS 1KG GOURMET 18CT	Hardy/Agria/Francisca/Natascha/Jelly/Highlander/Swift/Nadine/Victoria/Amigo/Columba/Sifern/Annabelle/Sundrop
POTATOES PAMS 1.5KG GOURMET 10CT	Moonlight/Ilam Hardy/Agria/Francisca/Natascha/Jelly/Highlander/Swift/Nadine/Victoria/Amigo
POTATOES PAMS AGRIA 2KG 10 CT, 3KG 7CT	Agria
POTATOES PAMS ROAST MASH 4KG	Moonlight/Highlander/Francisca/Natascha/Jelly/Agria/Victoria/Amigo/Ilam Hardy/Sundrop/Annabelle
POTATOES PAMS ROAST MASH 2.5 8CT	Moonlight/Highlander/Francisca/Natascha/Jelly/Agria/Victoria/Amigo
POTATOES 2KG ALLROUNDER	Ilam Hardy/Moonlight/Angelina
POTATOES VALUE 5KG 4CT	Ilam Hardy/Moonlight/Angelina/Amigo
POTATOES MEDLEY 1KG 18CT	Moonlight/Ilam Hardy/Agria/Francisca/Natascha/Jelly/Highlander/Swift/Nadine/Victoria/Amigo/Flamenco/Red Ruby/Laura/Desiree/Red Rosa
POTATOES ROASTING 5KG 4CT	Agria/Victoria
POTATOES MULTI 5KG 4CT	Ilam Hardy/Moonlight/Angelina