

Market Produce Specifications:

CARROT

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Market Produce Specifications

PRODUCE: CARROT

TYPE: Dutch

VARIETY: Various

CLASS: One

GENERAL APPEARANCE CRITERIA	
COLOUR	<i>Mid to bright orange skin and flesh. Bright green tops.</i>
VISUAL APPEARANCE	<i>Brightly coloured, thin and relatively smooth skin; no secondary roots; tops intact with fresh green leaves. No excess foreign matter (slightly soiled eyes allowable); no abnormal external moisture, no flaking or peeling. Tops fastened with suitable ties and identifying tag.</i>
SENSORY	<i>Firm root that snaps easily when bent; crisp and juicy flesh, not dry and woody; slightly sweet flavour; no 'off' odours or tastes.</i>
SHAPE	<i>Small, slender carrot variety, straight; conical, with even taper; rounded to slightly rounded shoulders, according to variety.</i>
SIZE	<i>Uniform size within bunch, 100 – 150 mm length.</i>
MATURITY	<i>Not fibrous or woody.</i>
MAJOR DEFECTS	
INSECTS	<i>With obvious live insects (eg borers, slugs).</i>
DISEASES	<i>With fungal or bacterial rots (eg bacterial soft rot, Sclerotinia rot, Anthracnose). With distortion or mottling due to virus infection.</i>
PHYSICAL / PEST DAMAGE	<i>With cracks, cuts, holes, or pest damage that breaks the skin. With bunches containing broken carrots or broken tips. With flaking or peeling areas.</i>
TEMPERATURE INJURY	<i>With soft, moist, discoloured lesions in the flesh (freezing damage). With soft or limp carrots (dehydrated).</i>
PHYSIOLOGICAL DISORDER	<i>With forked or misshapen carrots. With yellowed or bitter flavoured carrots (ethylene damage.)</i>
MINOR DEFECTS	
PHYSICAL / PEST DAMAGE	<i>With superficial (<1mm deep) bruises affecting >1sq cm; no deep bruises. With shaved or chipped areas, eg. on shoulders, affecting >1sq cm. With healed cuts/scratches >20mm long or >1mm deep or wide (not removable by one pass peeling).</i>
SKIN MARKS / BLEMISHES	<i>With dark marks (not decaying areas) affecting >0.5 sq cm of surface area.. With light rub/scuff marks (not dark against background colour) >1 sq cm of surface.</i>
PHYSIOLOGICAL DISORDER	<i>With green or purple shoulders affecting > 1 sq cm.. With healed growth cracks >20mm long or >1mm deep or wide (not removable by one pass peeling).</i>
CONSIGNMENT CRITERIA	
TOLERANCE PER CONSIGNMENT	<i>Total minor defects (within allowance limit) to be < 2 defects per item. Total minor defects (outside allowance limit) must not exceed 10% of consignment. Total major defects must not exceed 2% of consignment. Combined Total not to exceed 10%.</i>
PACKAGING & LABELLING	<i>Packaging manufactured from new food grade materials or sanitised returnable crates. All labelling must meet the current legislative requirements. Labelling to identify grower's name/brand (plus growers name/code if via a packhouse), address, contents, class, size and minimum net weight. Produce to identify 'Packed On' date (eg. Pkd DD/MM/YY) and Country of Origin (eg. Produce of Australia) on outer container.</i>
SHELF LIFE	<i>Produce must provide not less than 14 days clear shelf life from date of receipt.</i>
RECEIVAL CONDITIONS	<i>Compliance with Quarantine Treatments (if required) for Interstate Consignment. Stacked onto a stabilised pallet as pre-ordered. Refrigerated van with air bag suspension, unless otherwise approved. Pulp Temperature 2 - 6 ° C.</i>
CHEMICAL & CONTAMINANT RESIDUES	<i>All chemicals used pre/postharvest must be registered and approved for use in accordance with the requirements of the APVMA regulatory system. Residues, Contaminants and Heavy Metals to comply with the FSANZ Food Standards Code MRL's and ML's.</i>
FOOD SAFETY REQUIREMENTS	<i>Produce is to be grown and packed under a HACCP based food safety program that is subject to an annual third-party audit. A copy of current certification to be forwarded to receiver. Produce that meets the above specifications but is not grown under a HACCP based food safety program must not be labelled Class 1.</i>
<i>Specifications reviewable: eg. to account for specific regional effects or adverse seasonal impacts on quality or early or late seasonal variances as agreed and communicated formally in writing by .</i>	

Market Produce Specifications

PRODUCE: CARROT

TYPE: N/A

VARIETY: Juicing

CLASS: 5 kg Pre Pack

GENERAL APPEARANCE CRITERIA	
COLOUR	<i>Mid to bright orange skin and flesh.</i>
VISUAL APPEARANCE	<i>With fresh, bright colour; tops removed just below the shoulder, tips of each carrot removed; no secondary roots; no excess water in pre packs; no excess foreign matter (slight soiling in skin depressions allowable).</i>
SENSORY	<i>Firm with relatively smooth skin; crisp and juicy, not yellowed or dry and woody; slightly sweet taste (not bitter). no 'off' odours or tastes.</i>
SHAPE	<i>Straight; conical, with even taper; billet of carrot, neatly cut on each end.</i>
SIZE	<i>Pre Pack: 5kg (50 – 250g carrot size); billets 100mm in length.</i>
MATURITY	<i>Not fibrous or woody.</i>
MAJOR DEFECTS	
INSECTS	<i>With obvious live insects (eg borers, slugs).</i>
DISEASES	<i>With fungal or bacterial rots (eg bacterial soft rot, Sclerotinia rot, Anthracnose). With distortion or mottling due to virus infection.</i>
PHYSICAL / PEST DAMAGE	<i>With cracks, cuts, holes, or pest damage that breaks the skin. With excessive flaking or peeling areas.</i>
TEMPERATURE INJURY	<i>With soft, moist, discoloured lesions in the flesh (freezing damage). With soft or limp carrots (dehydrated).</i>
PHYSIOLOGICAL DISORDER	<i>With forked or misshapen carrots. With yellowed or bitter flavoured carrots (ethylene damage).</i>
MINOR DEFECTS	
PHYSICAL / PEST DAMAGE	<i>With superficial (<3mm deep) bruises affecting >3sq cm; no deep bruises. With shaved or chipped areas affecting >3sq cm. With broken carrots or broken tips. With healed cuts / scratches >70mm long or >3 mm deep or wide (not removable by one pass peeling).</i>
SKIN MARKS / BLEMISHES	<i>With dark marks eg. Black ring, not developing into soft rots, affecting >3sq cm of surface area. With light rub/scuff marks (not dark against background colour) >3sq cm of surface.</i>
PHYSIOLOGICAL DISORDER	<i>With healed growth cracks >70mm long or >3mm deep or wide (not removable by one pass peeling).</i>
CONSIGNMENT CRITERIA	
TOLERANCE PER CONSIGNMENT	<i>Total minor defects (within allowance limit) to be < 2 defects per item. Total minor defects (outside allowance limit) must not exceed 10% of consignment. Total major defects must not exceed 2% of consignment. Combined Total not to exceed 10%.</i>
PACKAGING & LABELLING	<i>Packaging manufactured from new food grade materials or sanitised returnable crates. All labelling must meet the current legislative requirements. Labelling to identify grower's name/brand (plus growers name/code if via a packhouse), address, contents, class, size and minimum net weight. Produce to identify 'Packed On' date (eg. Pkd DD/MM/YY) and Country of Origin (eg. Produce of Australia) on outer container.</i>
SHELF LIFE	<i>Produce must provide not less than 14 days clear shelf life from date of receipt.</i>
RECEIVAL CONDITIONS	<i>Compliance with Quarantine Treatments (if required) for Interstate Consignment. Stacked onto a stabilised pallet as pre-ordered. Refrigerated van with air bag suspension, unless otherwise approved. Pulp Temperature 2 – 8°C.</i>
CHEMICAL & CONTAMINANT RESIDUES	<i>All chemicals used pre/postharvest must be registered and approved for use in accordance with the requirements of the APVMA regulatory system. Residues, Contaminants and Heavy Metals to comply with the FSANZ Food Standards Code MRL's and ML's.</i>
FOOD SAFETY REQUIREMENTS	<i>Produce is to be grown and packed under a HACCP based food safety program that is subject to an annual third-party audit. A copy of current certification to be forwarded to receiver. Produce that meets the above specifications but is not grown under a HACCP based food safety program must not be labelled Class 1.</i>
<i>Specifications reviewable: eg. to account for specific regional effects or adverse seasonal impacts on quality or early or late seasonal variances as agreed and communicated formally in writing by .</i>	

Market Produce Specifications

PRODUCE: CARROT

TYPE: N/A

VARIETY: Nantes, Red Count

CLASS: One

GENERAL APPEARANCE CRITERIA	
COLOUR	<i>Mid to bright orange skin and flesh.</i>
VISUAL APPEARANCE	<i>With fresh, bright colour; tops removed; minimal remaining stalk (<10mm); no secondary roots; no excess water in prepacks; no excess foreign matter (slight soiling in skin depressions allowable).</i>
SENSORY	<i>Firm with relatively smooth skin; crisp and juicy, not yellowed or dry and woody; slightly sweet taste (not bitter). no 'off' odours or tastes.</i>
SHAPE	<i>Straight; conical, with even taper; rounded to slightly rounded shoulders according to variety. Uniform within box.</i>
SIZE	<i>Bulk Loose Produce graded by length; small < 100mm, medium 100-150mm; medium-large 150-200mm; large >200mm. A 10% size overlap between size grades is allowable. (as per pre-ordered size) Pre Packs :</i>
MATURITY	<i>Not fibrous or woody.</i>
MAJOR DEFECTS	
INSECTS	<i>With obvious live insects (eg borers, slugs).</i>
DISEASES	<i>With fungal or bacterial rots (eg bacterial soft rot, Sclerotinia rot, Anthracnose). With distortion or mottling due to virus infection.</i>
PHYSICAL / PEST DAMAGE	<i>With cracks, cuts, holes, or pest damage that breaks the skin. With bags, packs, or cartons containing broken carrots or broken tips. With flaking or peeling areas.</i>
TEMPERATURE INJURY	<i>With soft, moist, discoloured lesions in the flesh (freezing damage). With soft or limp carrots (dehydrated).</i>
PHYSIOLOGICAL DISORDER	<i>With forked or misshapen carrots. With cracking on tip of carrots (during summer supply) With yellowed or bitter flavoured carrots (ethylene damage.)</i>
MINOR DEFECTS	
PHYSICAL / PEST DAMAGE	<i>With superficial (<2mm deep) bruises affecting >2sq cm; no deep bruises. With shaved or chipped areas, eg on shoulders, affecting >2sq cm. With healed cuts / scratches >50mm long or >2mm deep or wide (not removable by one pass peeling).</i>
SKIN MARKS / BLEMISHES	<i>With dark marks eg. black ring, not developing into soft rots, affecting >1sq cm of surface area.. With light rub/scuff marks (not dark against background colour) >2sq cm of surface.</i>
PHYSIOLOGICAL DISORDER	<i>With green or purple shoulders affecting > 2 sq cm.. With > 2 % cracking on tip of carrots (during winter supply) With healed growth cracks >50mm long or >2mm deep or wide (not removable by one pass peeling).</i>
CONSIGNMENT CRITERIA	
TOLERANCE PER CONSIGNMENT	<i>Total minor defects (within allowance limit) to be < 2 defects per item. Total minor defects (outside allowance limit) must not exceed 10% of consignment. Total major defects must not exceed 2% of consignment. Combined Total not to exceed 10%.</i>
PACKAGING & LABELLING	<i>Packaging manufactured from new food grade materials or sanitised returnable crates. All labelling must meet the current legislative requirements. Labelling to identify grower's name/brand (plus growers name/code if via a packhouse), address, contents, class, size and minimum net weight. Produce to identify 'Packed On' date (eg. Pkd DD/MM/YY) and Country of Origin (eg. Produce of Australia) on outer container.</i>
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