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| <b>PRODUCE:</b> | <b>CITRUS</b> |
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|--------------|-----------------|----------------|--------------|
| <b>TYPE</b>  | <b>Mandarin</b> | <b>VARIETY</b> | <b>Dancy</b> |
| <b>CLASS</b> | <b>One</b>      | <b>NOTES</b>   |              |

### GENERAL APPEARANCE CRITERIA

|                          |   |
|--------------------------|---|
| <b>Colour</b>            | Uniform bright orange to orange-red; nil with >2sq cm of light green tinge; limit of 5% of fruit affected.  |
| <b>Visual Appearance</b> | With bright bloom; waxed surface; intact buttons, not torn or missing; thin, easy-to-peel skin; segments easy to separate, <5% of dryness in consignment; no foreign matter. Pre-packs labelled with bar code. Loose Fruit stickered by PLU (or bar code when available) and variety name per requirements. |
| <b>Sensory</b>           | With smooth skin, slightly lumpy, no foreign odours/tastes.   |
| <b>Shape</b>             | Round to flattened oval, often slightly pear shaped; may be swollen around navel.   |
| <b>Size</b>              | As per pre-ordered size requirements, minimum net carton weight 18 kg.  |
| <b>Maturity</b>          | Total soluble solids >8° Brix; with T.S.S to acids ratio >7:1; juice content >33%.  |

### MAJOR DEFECTS

|                             |  |
|-----------------------------|--|
| <b>Insects</b>              | With insects (eg. mealy bugs), especially in navel or button, or >15 scales (red/brown spots).   |
| <b>Diseases</b>             | With fungal or bacterial rots of the skin or flesh (eg. Penicillium moulds, brown rot, soft rots).<br>With dark lesions on the fruit skin (eg. Black spot, Septoria spot).<br>With black decay at the fruit core (Alternaria). |
| <b>Physical/Pest Damage</b> | With cuts holes, splits, and cracks (that break through the orange outer layer and white pith layer through to the juice sacks).   |
| <b>Temperature Injury</b>   | With dark brown depressed lesions (chilling injury) or watersoaked flesh (freezing damage).<br>With pale, hard areas of skin (severe sunburn)  |

### MINOR DEFECTS

|                               |   |
|-------------------------------|---|
| <b>Diseases</b>               | With superficial black/grey markings (eg. sooty blotch, sooty mould, Melanose) affecting in >1 sq cm.   |
| <b>Physical/Pest Damage</b>   | With brown/black specks (rust mite damage) affecting in aggregate > 1 sq cm.<br>With cuts that break the orange outer layer of the skin (eg. Clipper damage, scratches).<br>With up to 15 scale insects (red-brown spots, 2 mm diameter).<br>With slightly dark and sunken areas (oleocellosis) affecting >1 sq cm. of surface. |
| <b>Physiological Disorder</b> | With skin badly puffed and separated from flesh segments.   |
| <b>Skin Marks/Blemishes</b>   | With dark blemishes (eg stem end blemish) affecting in aggregate >1 sq cm. of surface.<br>With light blemish affecting in aggregate >3 sq cm. of surface.   |
| <b>Temperature Injury</b>     | With bleached yellowish-orange areas (slight sunburn) affecting >3 sq cm.   |

### CONSIGNMENT CRITERIA

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| <b>Tolerance Per Consignment</b>           | 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%.  |
| <b>Packaging &amp; Labelling</b>           | 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/or minimum net weight. Produce to identify Country of Origin (eg. Produce of Australia) on outer container. |
| <b>Shelf Life</b>                          | Produce must provide not less than 14 days clear shelf life from date of receipt.  |
| <b>Receival Conditions</b>                 | Compliance with Quarantine Treatments (if required) for Interstate Consignment. Stacked onto a stabilised pallet. Refrigerated van with air bag suspension, unless otherwise approved. Pulp Temperature 5 - 15°C for Receival.   |
| <b>Chemical &amp; Containment Residues</b> | 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 to the FSANZ Food Standards Code ML's and MRL's   |
| <b>Food Safety Requirements</b>            | 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.   |

Effective: 1 November 2006



**FreshSpecs**  
PRODUCE SPECIFICATIONS

PRODUCE:

**CITRUS**

*\*Specifications reviewable: e.g. 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.*